

Southeastern Wisconsin **Regional Planning Commission**



Milwaukee County Redistricting Potential Plans Discussion

Independent Redistricting Committee
September 3, 2021



Previous Committee Action

- IRC established Redistricting Criteria for Commission to use at August 27th Meeting.
1. *"Honoring the intent of the Voting Rights Act, and recognition of ethnic and racial communities of interest, while noting that race is a social construct."* - Protecting the ability of racial and language minority groups to participate equally in the electoral process by drawing of District boundaries that comply with the Voting Rights Act of 1965.
 2. *"Respect for municipal boundaries"* - To the extent possible, Districts will consist of whole contiguous municipalities or contiguous parts of the same municipality within the same District.
 3. *"Equalization of population between districts, and that SEWRPC shall aspire and endeavor to make the deviation as small as possible, with the deviation for each district at no more than (+) / (-) 4 percent."* - Each District be divided equally in population, with a deviation rate of +/- 4 percent to be used as a target to define what is meant to be equal.
 4. *"Compactness of Districts."* - Each District will be designed to be in a compact form as possible

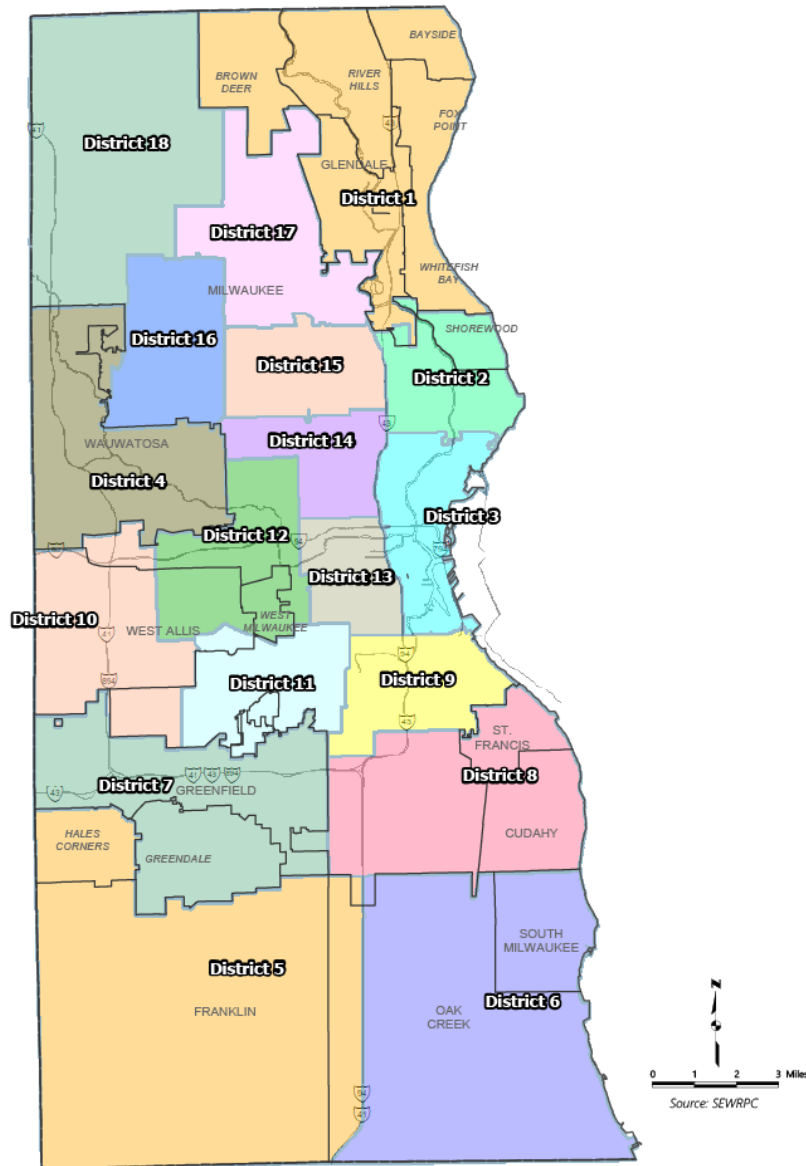




Potential Districts - Version A

➤ Version A – Proof of Concept

- General Assessment of District polygons using some of the criteria established by the IRC:
 - Municipal Boundaries used to determine initial Districts.
 - Equal Population
 - Compactness





Version A – Population by Race/Ethnicity

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Population by Race and Hispanic Ethnicity												
Potential Districts	NonHispanic								Hispanic		Total	
	White		African American		Asian		Other Race or Two		Hispanic		Total	
	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total
1	37747	70.3%	8659	16.1%	3533	6.6%	1252	2.3%	2541	4.7%	53732	100.0%
2	31492	60.4%	12483	23.9%	2258	4.3%	1781	3.4%	4127	7.9%	52141	100.0%
3	33706	64.5%	9190	17.6%	2717	5.2%	1428	2.7%	5198	10.0%	52239	100.0%
4	41069	78.9%	4968	9.5%	2250	4.3%	1342	2.6%	2438	4.7%	52067	100.0%
5	39234	77.3%	2503	4.9%	4050	8.0%	1097	2.2%	3854	7.6%	50738	100.0%
6	40333	77.4%	2227	4.3%	2471	4.7%	1480	2.8%	5593	10.7%	52104	100.0%
7	39029	74.6%	2225	4.3%	3365	6.4%	1345	2.6%	6320	12.1%	52284	100.0%
8	34522	66.6%	3072	5.9%	3112	6.0%	1664	3.2%	9441	18.2%	51811	100.0%
9	24444	46.4%	2413	4.6%	2448	4.6%	1480	2.8%	21944	41.6%	52729	100.0%
10	37422	72.2%	3536	6.8%	2051	4.0%	1814	3.5%	6993	13.5%	51816	100.0%
11	23251	45.4%	3447	6.7%	2887	5.6%	1466	2.9%	20156	39.4%	51207	100.0%
12	25949	49.8%	8179	15.7%	2001	3.8%	1879	3.6%	14095	27.1%	52103	100.0%
13	6132	11.8%	6891	13.2%	1922	3.7%	1194	2.3%	36008	69.1%	52147	100.0%
14	9668	18.5%	33365	63.9%	4147	7.9%	1263	2.4%	3809	7.3%	52252	100.0%
15	2819	5.4%	45725	87.6%	554	1.1%	1112	2.1%	1986	3.8%	52196	100.0%
16	14429	27.5%	30796	58.8%	3345	6.4%	1237	2.4%	2585	4.9%	52392	100.0%
17	4834	9.2%	40891	78.2%	2776	5.3%	1207	2.3%	2592	5.0%	52300	100.0%
18	10440	19.6%	32672	61.4%	5590	10.5%	1192	2.2%	3337	6.3%	53231	100.0%
Milwaukee County	456520	48.6%	253242	27.0%	51477	5.5%	25233	2.7%	153017	16.3%	939489	100.0%

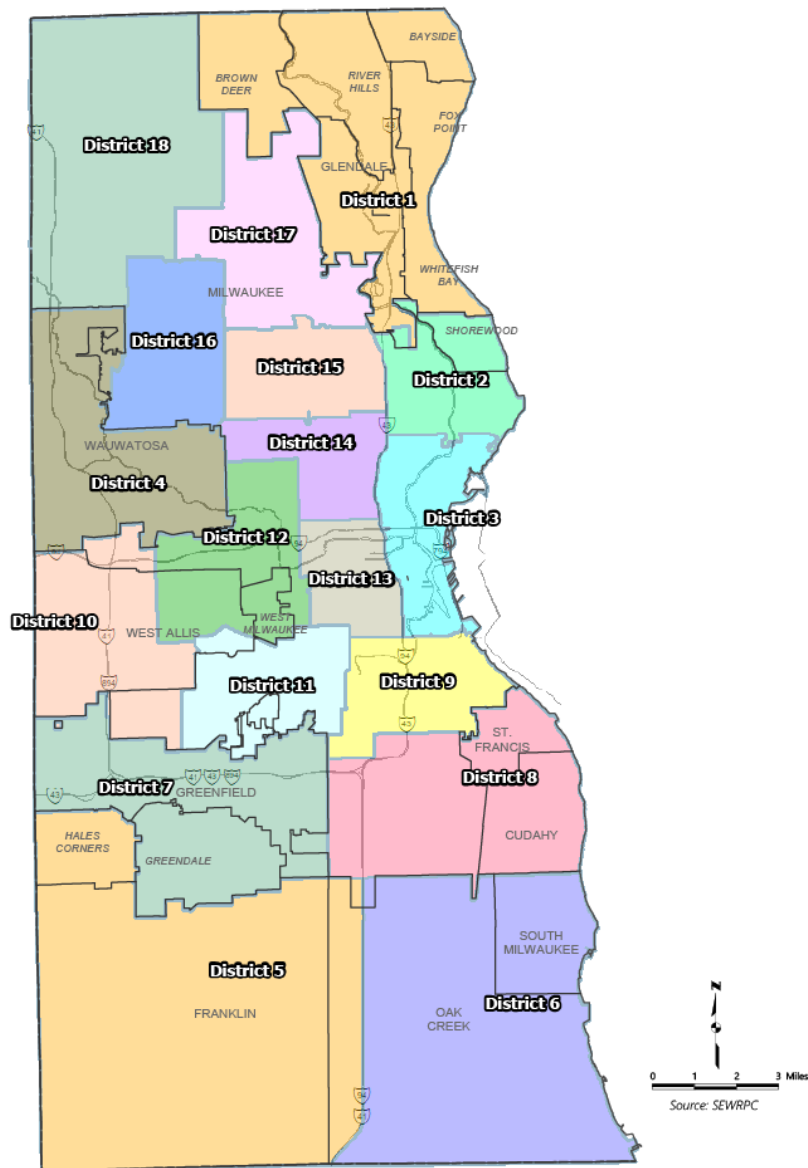




Version A – “White vs. All Others” Comparison

Comparison of White, Non-Hispanic Population to All Others							
Potential Districts	2020 Census Population	Deviation from 2020 Ave. District	Percentage of Total	White, Non-Hispanic	Percentage of Total	All Other	Percentage of Total
1	53732	1538	2.95%	37747	70.3%	15985	29.7%
2	52141	-53	-0.10%	31492	60.4%	20649	39.6%
3	52239	45	0.09%	33706	64.5%	18533	35.5%
4	52067	-127	-0.24%	41069	78.9%	10998	21.1%
5	50738	-1456	-2.79%	39234	77.3%	11504	22.7%
6	52104	-90	-0.17%	40333	77.4%	11771	22.6%
7	52284	90	0.17%	39029	74.6%	13255	25.4%
8	51811	-383	-0.73%	34522	66.6%	17289	33.4%
9	52729	535	1.03%	24444	46.4%	28285	53.6%
10	51816	-378	-0.72%	37422	72.2%	14394	27.8%
11	51207	-987	-1.89%	23251	45.4%	27956	54.6%
12	52103	-91	-0.17%	25949	49.8%	26154	50.2%
13	52147	-47	-0.09%	6132	11.8%	46015	88.2%
14	52252	58	0.11%	9668	18.5%	42584	81.5%
15	52196	2	0.00%	2819	5.4%	49377	94.6%
16	52392	198	0.38%	14429	27.5%	37963	72.5%
17	52300	106	0.20%	4834	9.2%	47466	90.8%
18	53231	1037	1.99%	10440	19.6%	42791	80.4%
Totals	939489			456520		482969	
Average District	52194						





➤ VRA – no

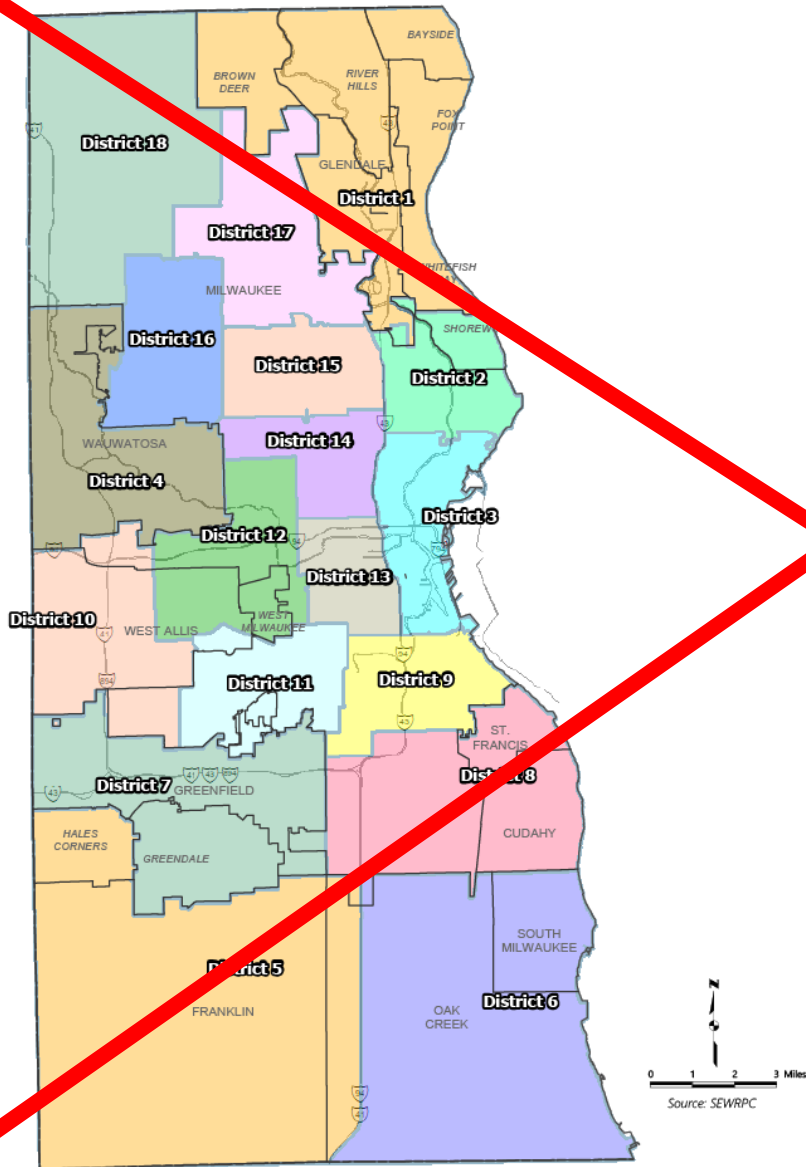
- 9 White, Non-Hispanic Districts
- 5 African-American Districts
- 1 Hispanic
- 3 Districts split between population groups

➤ Municipal Boundaries – largely yes

➤ Equal Population – yes

➤ Compactness - yes





➤ VRA – no

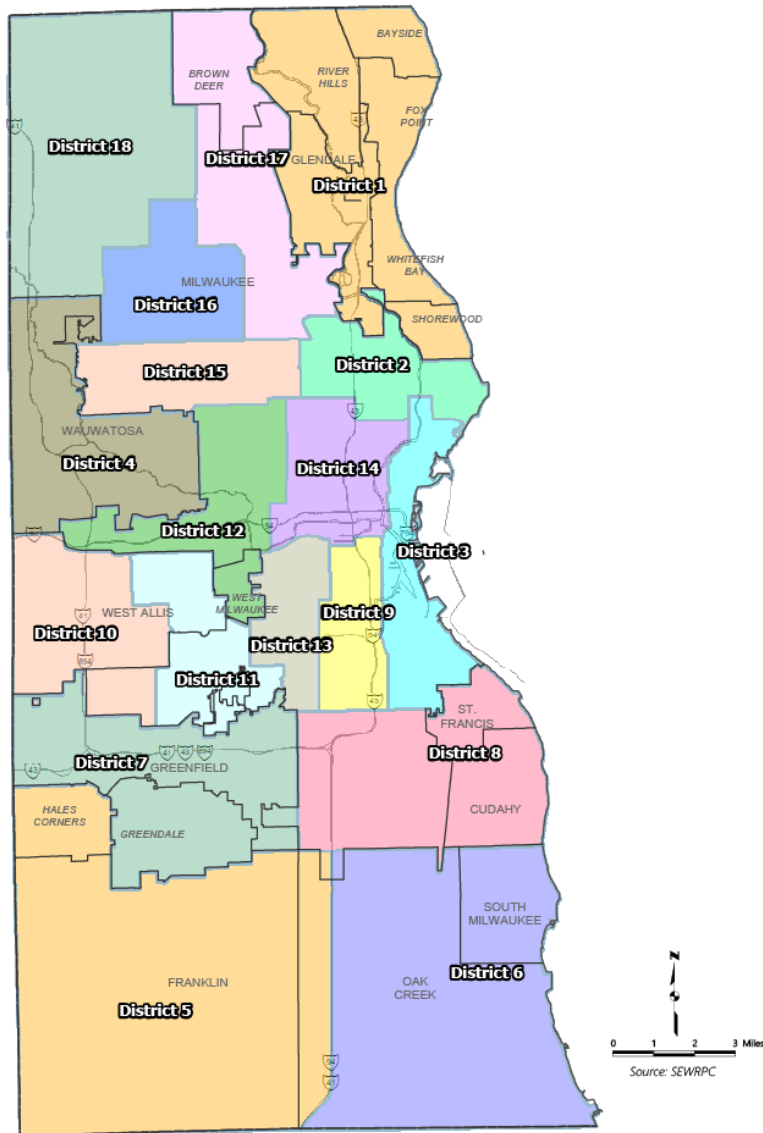
- 9 White, Non-Hispanic Districts
- 5 African-American Districts
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- 3 Districts split between population groups

➤ Municipal Boundaries – largely yes

➤ Equal Population – yes

➤ Compactness - yes



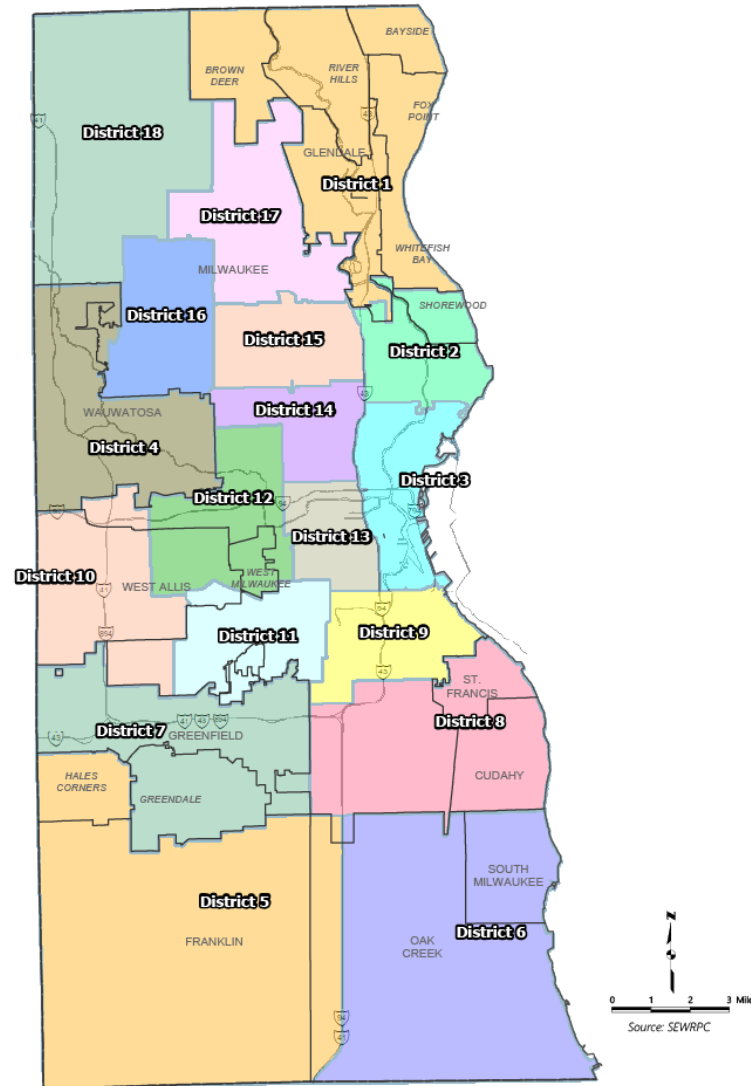


➤ Version B

- Created a copy of Version A
- Used Census Block information to manipulate the Version A Districts, but focusing on complying with the Voting Rights Act of 1965 (VRA)
- Continued to use the following:
 - Municipal Boundaries used to determine initial Districts
 - Compactness
- Less stringent with the following:
 - Equal Population



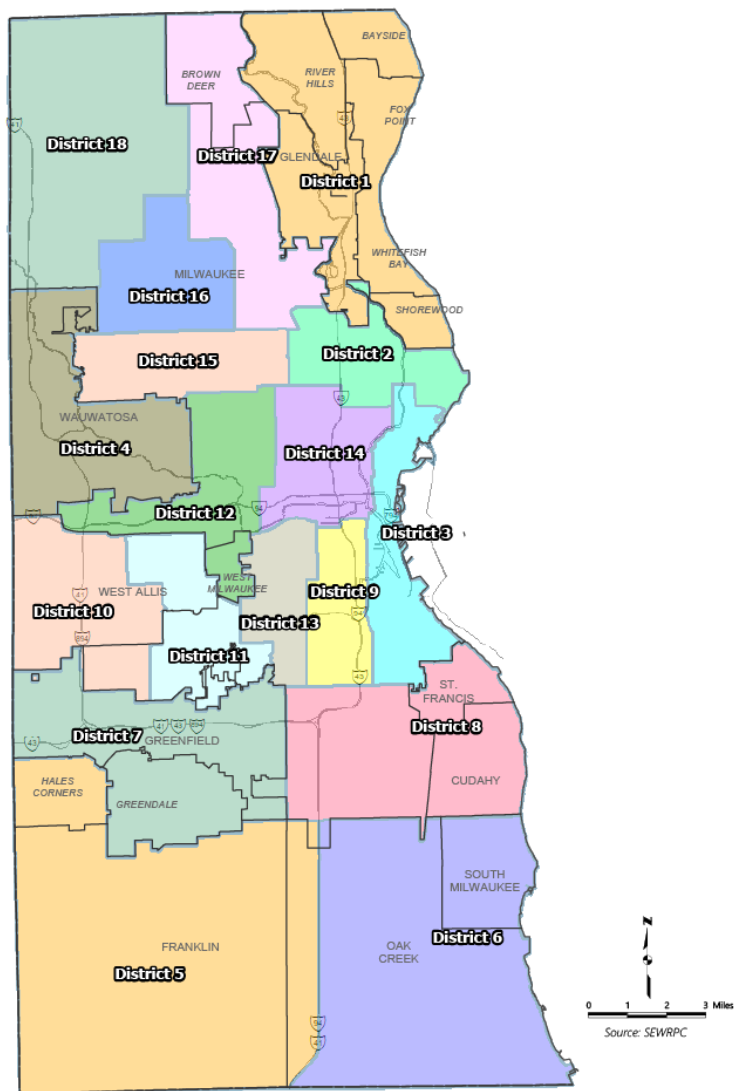
Version A



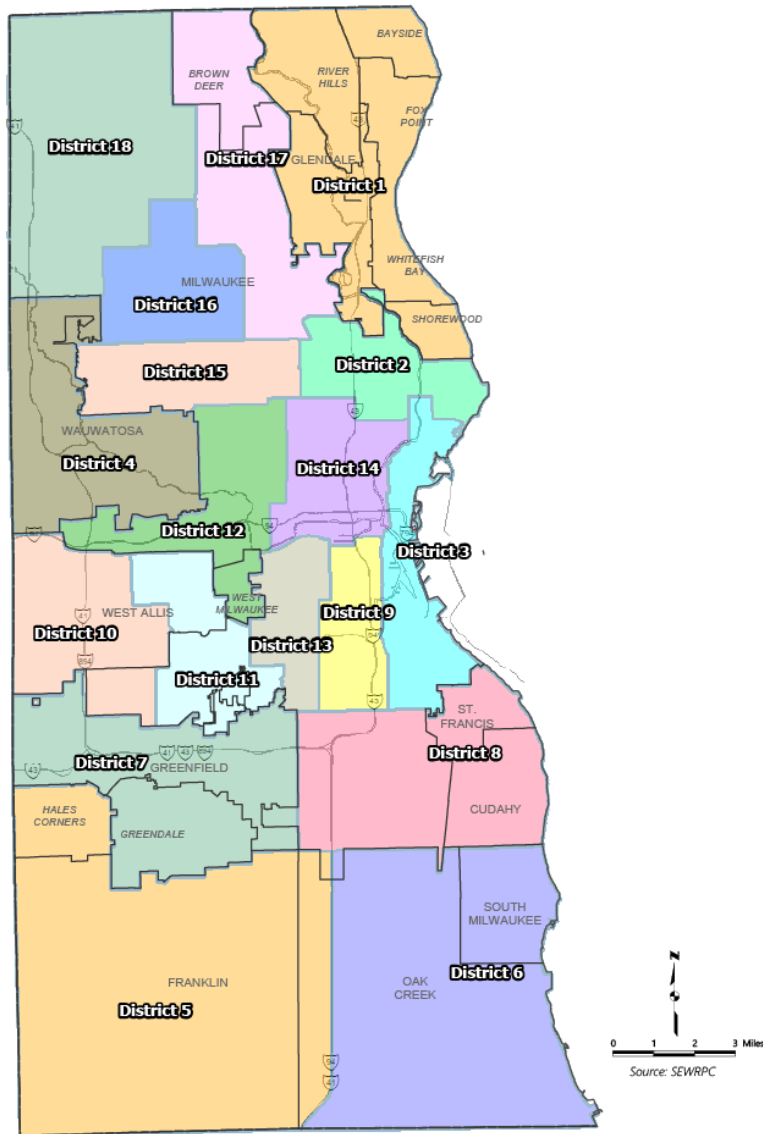


Comparison Between Versions

Version B



Version B – Population



Supervisory District Population Deviation				
Potential Districts	2020 Census Population	Deviation from 2020 Average District (52,194)	Deviation Percentage	
1	55084	2890	5.54%	
2	53315	1121	2.15%	
3	52739	545	1.04%	
4	50097	-2097	-4.02%	
5	50738	-1456	-2.79%	
6	52104	-90	-0.17%	
7	52284	90	0.17%	
8	53467	1273	2.44%	
9	54032	1838	3.52%	
10	52053	-141	-0.27%	
11	50779	-1415	-2.71%	
12	52755	561	1.07%	
13	50258	-1936	-3.71%	
14	53305	1111	2.13%	
15	50502	-1692	-3.24%	
16	51641	-553	-1.06%	
17	51179	-1015	-1.94%	
18	53157	963	1.85%	
Totals	939489			
Average District	52194			





Version B – Population by Race/Ethnicity

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Population by Race and Hispanic Ethnicity												
Potential Districts	NonHispanic								Hispanic		Total	
	White		African American		Asian		Other Race or Two		Hispanic		Total	
	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total
1	43152	78.3%	4445	8.1%	3570	6.5%	1314	2.4%	2603	4.7%	55084	100.0%
2	19684	36.9%	27021	50.7%	1191	2.2%	1642	3.1%	3777	7.1%	53315	100.0%
3	40240	76.3%	3385	6.4%	2444	4.6%	1627	3.1%	5043	9.6%	52739	100.0%
4	39880	79.6%	4458	8.9%	2163	4.3%	1297	2.6%	2299	4.6%	50097	100.0%
5	39234	77.3%	2503	4.9%	4050	8.0%	1097	2.2%	3854	7.6%	50738	100.0%
6	40333	77.4%	2227	4.3%	2471	4.7%	1480	2.8%	5593	10.7%	52104	100.0%
7	39029	74.6%	2225	4.3%	3365	6.4%	1345	2.6%	6320	12.1%	52284	100.0%
8	35330	66.1%	3199	6.0%	3325	6.2%	1705	3.2%	9908	18.5%	53467	100.0%
9	9945	18.4%	4216	7.8%	2431	4.5%	1151	2.1%	36289	67.2%	54032	100.0%
10	37474	72.0%	3498	6.7%	1967	3.8%	1819	3.5%	7295	14.0%	52053	100.0%
11	29404	57.9%	3698	7.3%	2083	4.1%	1798	3.5%	13796	27.2%	50779	100.0%
12	18735	35.5%	22649	42.9%	3448	6.5%	1740	3.3%	6183	11.7%	52755	100.0%
13	7594	15.1%	4289	8.5%	2537	5.0%	1093	2.2%	34745	69.1%	50258	100.0%
14	17609	33.0%	26663	50.0%	3123	5.9%	1328	2.5%	4582	8.6%	53305	100.0%
15	14045	27.8%	31383	62.1%	1267	2.5%	1327	2.6%	2480	4.9%	50502	100.0%
16	5156	10.0%	38987	75.5%	4227	8.2%	1042	2.0%	2229	4.3%	51641	100.0%
17	9237	18.0%	35786	69.9%	2231	4.4%	1239	2.4%	2686	5.2%	51179	100.0%
18	10439	19.6%	32610	61.3%	5584	10.5%	1189	2.2%	3335	6.3%	53157	100.0%
Milwaukee County	456520	48.6%	253242	27.0%	51477	5.5%	25233	2.7%	153017	16.3%	939489	100.0%

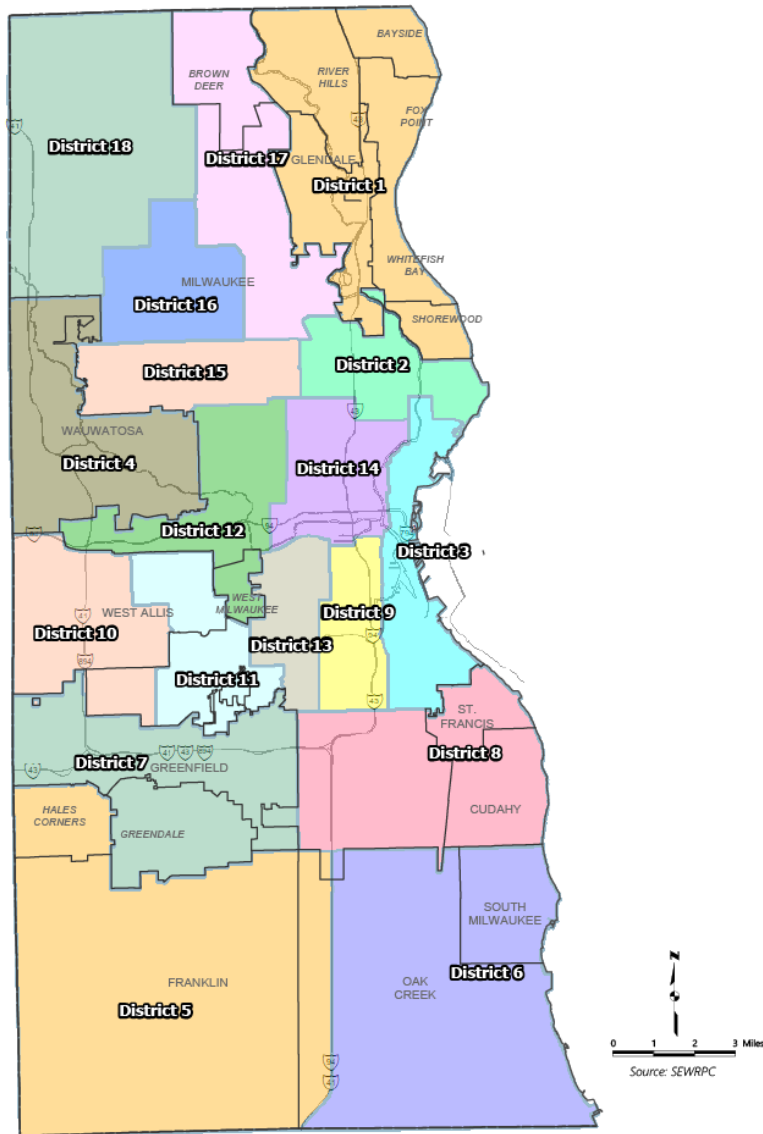




Version B – “White vs. All Others” Comparison

Comparison of White, Non-Hispanic Population to All Others							
Potential Districts	2020 Census Population	Deviation from 2020 Ave. District	Percentage of Total	White, Non-Hispanic	Percentage of Total	All Other	Percentage of Total
1	55084	2890	5.54%	43152	78.3%	11932	21.7%
2	53315	1121	2.15%	19684	36.9%	33631	63.1%
3	52739	545	1.04%	40240	76.3%	12499	23.7%
4	50097	-2097	-4.02%	39880	79.6%	10217	20.4%
5	50738	-1456	-2.79%	39234	77.3%	11504	22.7%
6	52104	-90	-0.17%	40333	77.4%	11771	22.6%
7	52284	90	0.17%	39029	74.6%	13255	25.4%
8	53467	1273	2.44%	35330	66.1%	18137	33.9%
9	54032	1838	3.52%	9945	18.4%	44087	81.6%
10	52053	-141	-0.27%	37474	72.0%	14579	28.0%
11	50779	-1415	-2.71%	29404	57.9%	21375	42.1%
12	52755	561	1.07%	18735	35.5%	34020	64.5%
13	50258	-1936	-3.71%	7594	15.1%	42664	84.9%
14	53305	1111	2.13%	17609	33.0%	35696	67.0%
15	50502	-1692	-3.24%	14045	27.8%	36457	72.2%
16	51641	-553	-1.06%	5156	10.0%	46485	90.0%
17	51179	-1015	-1.94%	9237	18.0%	41942	82.0%
18	53157	963	1.85%	10439	19.6%	42718	80.4%
Totals	939489			456520		482969	
Average District	52194						





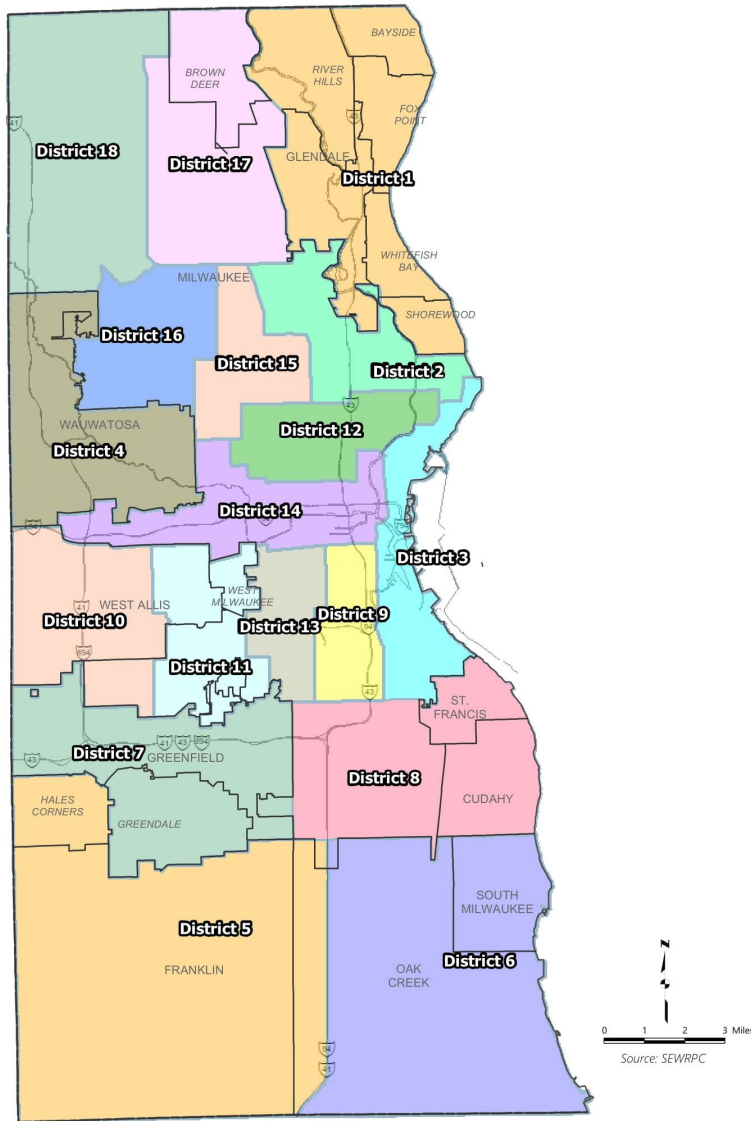
- VRA – For Discussion
 - 9 White, Non-Hispanic Districts
 - 4 African-American Districts
 - 2 Hispanic
 - 3 Districts favoring minority groups but not specifically one race or ethnicity
- Municipal Boundaries – largely yes
- **Equal Population – not quite**
- Compactness – slightly less





Potential Districts - Version C

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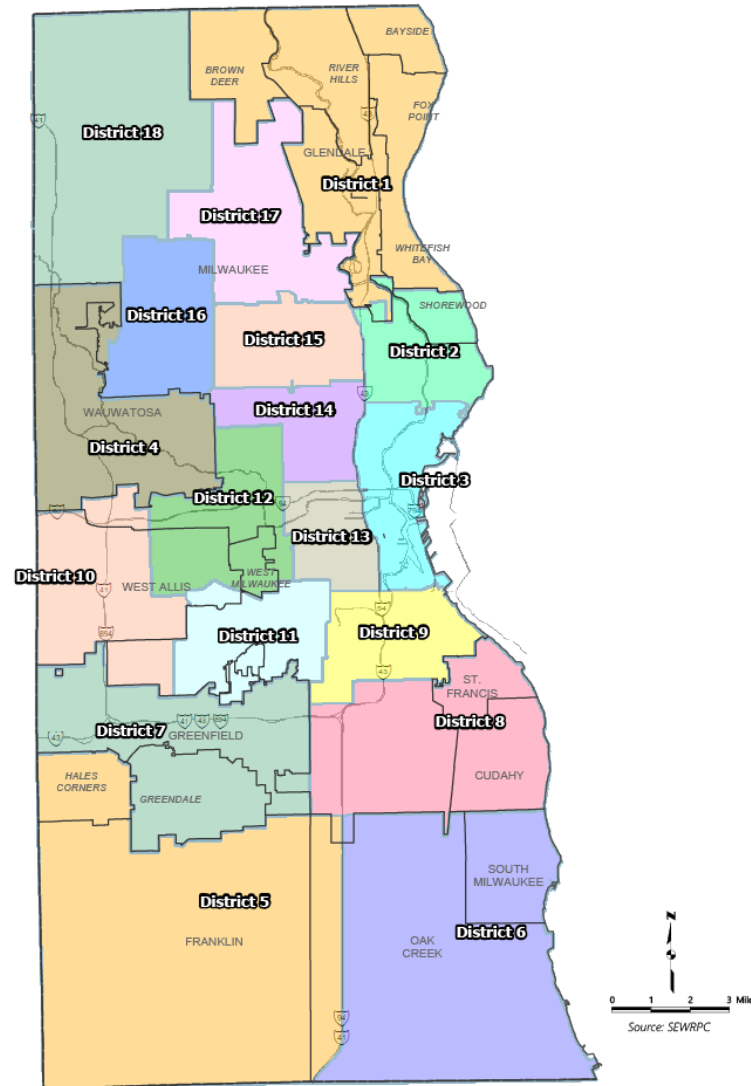


➤ Version C

- Started with Version B
- Again, using Census Block information to manipulate the Version B Districts, but reconfiguring District boundaries to place more emphasis on empowering African American populations
- Continued to use the following:
 - Municipal Boundaries used to determine initial Districts.
- Less stringent with the following:
 - Equal Population
 - Compactness



Version A

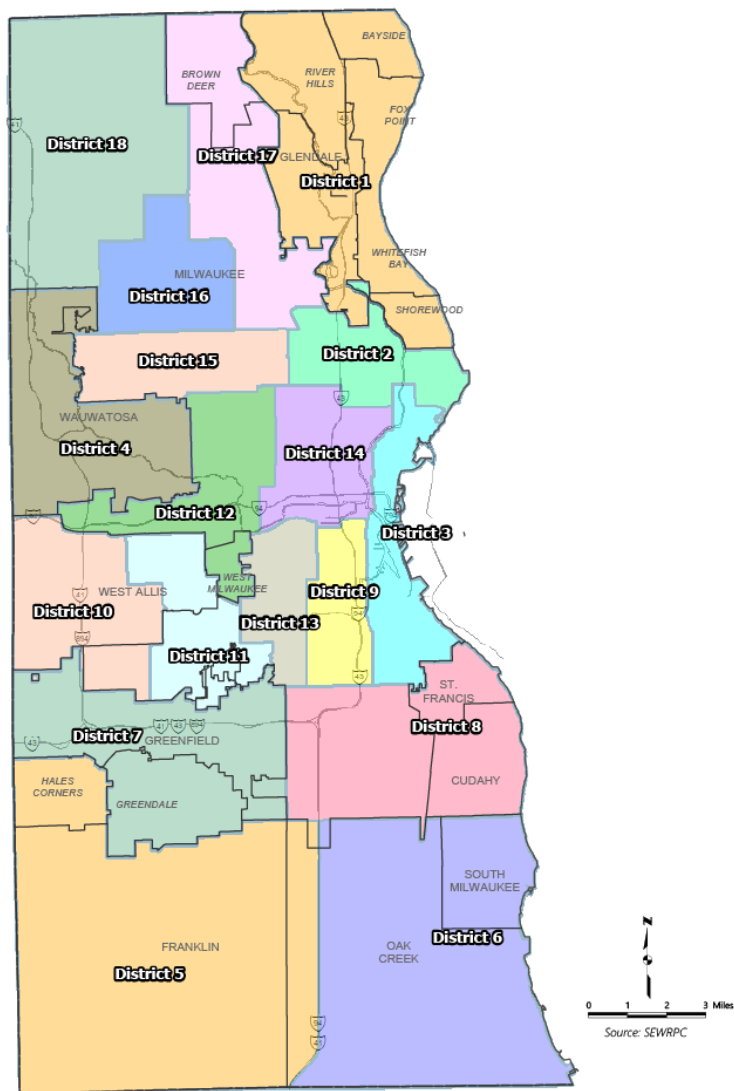




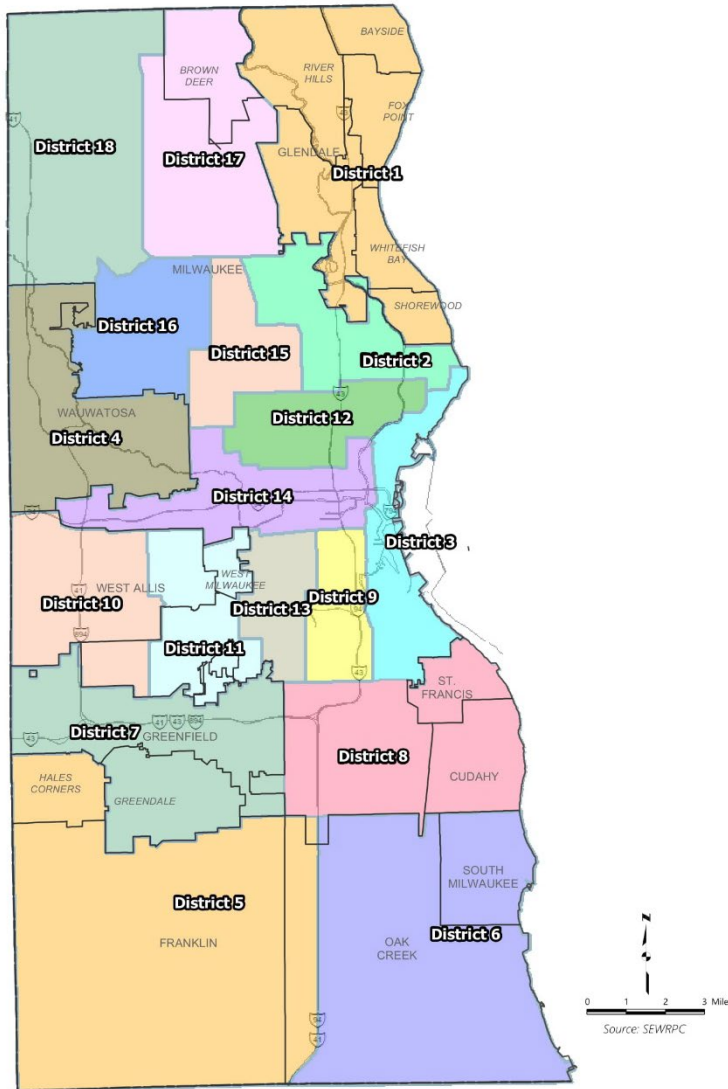
Comparison Between Versions

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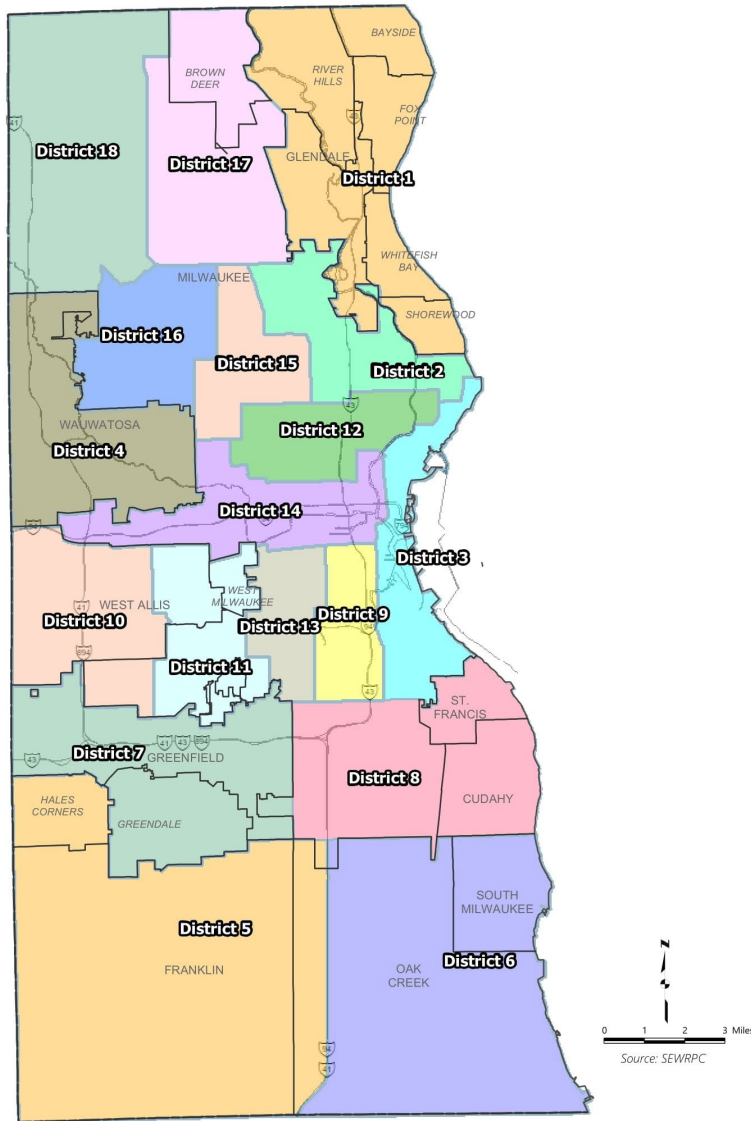
Version B



Version C



Version C – Population



Supervisory District Population Deviation				
Potential Districts	2020 Census Population	Deviation from 2020 Average District (52,194)	Deviation Percentage	
1	55084	2890	5.54%	
2	52287	93	0.18%	
3	51929	-265	-0.51%	
4	50097	-2097	-4.02%	
5	50738	-1456	-2.79%	
6	52104	-90	-0.17%	
7	52284	90	0.17%	
8	53467	1273	2.44%	
9	50326	-1868	-3.58%	
10	53552	1358	2.60%	
11	52064	-130	-0.25%	
12	53882	1688	3.23%	
13	50335	-1859	-3.56%	
14	50524	-1670	-3.20%	
15	53608	1414	2.71%	
16	53665	1471	2.82%	
17	51272	-922	-1.77%	
18	52271	77	0.15%	
Totals	939489			
Average District	52194			





Version C – Population by Race/Ethnicity

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Population by Race and Hispanic Ethnicity												
Potential Districts	NonHispanic								Hispanic		Total	
	White		African American		Asian		Other Race or Two		Hispanic		Total	
	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total
1	43152	78.3%	4445	8.1%	3570	6.5%	1314	2.4%	2603	4.7%	55084	100.0%
2	13953	26.7%	32736	62.6%	849	1.6%	1568	3.0%	3181	6.1%	52287	100.0%
3	39797	76.6%	3216	6.2%	2382	4.6%	1544	3.0%	4990	9.6%	51929	100.0%
4	39880	79.6%	4458	8.9%	2163	4.3%	1297	2.6%	2299	4.6%	50097	100.0%
5	39234	77.3%	2503	4.9%	4050	8.0%	1097	2.2%	3854	7.6%	50738	100.0%
6	40333	77.4%	2227	4.3%	2471	4.7%	1480	2.8%	5593	10.7%	52104	100.0%
7	39029	74.6%	2225	4.3%	3365	6.4%	1345	2.6%	6320	12.1%	52284	100.0%
8	35330	66.1%	3199	6.0%	3325	6.2%	1705	3.2%	9908	18.5%	53467	100.0%
9	9116	18.1%	3737	7.4%	2323	4.6%	1066	2.1%	34084	67.7%	50326	100.0%
10	38569	72.0%	3631	6.8%	2000	3.7%	1872	3.5%	7480	14.0%	53552	100.0%
11	29604	56.9%	4136	7.9%	1925	3.7%	1843	3.5%	14556	28.0%	52064	100.0%
12	13022	24.2%	31406	58.3%	4117	7.6%	1389	2.6%	3948	7.3%	53882	100.0%
13	7817	15.5%	3773	7.5%	2756	5.5%	1061	2.1%	34928	69.4%	50335	100.0%
14	27211	53.9%	10815	21.4%	2616	5.2%	1743	3.4%	8139	16.1%	50524	100.0%
15	4736	8.8%	44180	82.4%	931	1.7%	1237	2.3%	2524	4.7%	53608	100.0%
16	15480	28.8%	30997	57.8%	3244	6.0%	1301	2.4%	2643	4.9%	53665	100.0%
17	10093	19.7%	33156	64.7%	4281	8.3%	1195	2.3%	2547	5.0%	51272	100.0%
18	10164	19.4%	32402	62.0%	5109	9.8%	1176	2.2%	3420	6.5%	52271	100.0%
Milwaukee County	456520	48.6%	253242	27.0%	51477	5.5%	25233	2.7%	153017	16.3%	939489	100.0%

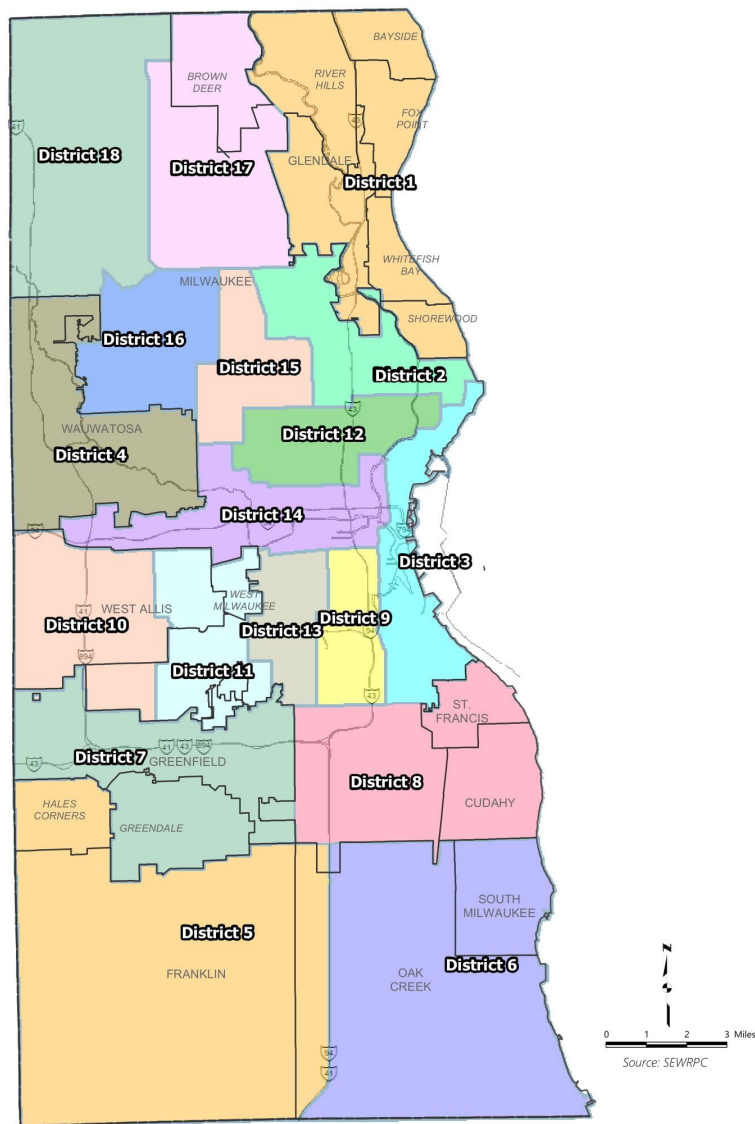




Version C – “White vs. All Others” Comparison

Comparison of White, Non-Hispanic Population to All Others							
Potential Districts	2020 Census Population	Deviation from 2020 Ave. District	Percentage of Total	White, Non-Hispanic	Percentage of Total	All Other	Percentage of Total
1	55084	2890	5.54%	43152	78.3%	11932	21.7%
2	52287	93	0.18%	13953	26.7%	38334	73.3%
3	51929	-265	-0.51%	39797	76.6%	12132	23.4%
4	50097	-2097	-4.02%	39880	79.6%	10217	20.4%
5	50738	-1456	-2.79%	39234	77.3%	11504	22.7%
6	52104	-90	-0.17%	40333	77.4%	11771	22.6%
7	52284	90	0.17%	39029	74.6%	13255	25.4%
8	53467	1273	2.44%	35330	66.1%	18137	33.9%
9	50326	-1868	-3.58%	9116	18.1%	41210	81.9%
10	53552	1358	2.60%	38569	72.0%	14983	28.0%
11	52064	-130	-0.25%	29604	56.9%	22460	43.1%
12	53882	1688	3.23%	13022	24.2%	40860	75.8%
13	50335	-1859	-3.56%	7817	15.5%	42518	84.5%
14	50524	-1670	-3.20%	27211	53.9%	23313	46.1%
15	53608	1414	2.71%	4736	8.8%	48872	91.2%
16	53665	1471	2.82%	15480	28.8%	38185	71.2%
17	51272	-922	-1.77%	10093	19.7%	41179	80.3%
18	52271	77	0.15%	10164	19.4%	42107	80.6%
Totals	939489			456520		482969	
Average District	52194						





- VRA – For Discussion
 - 10 White, Non-Hispanic Districts
 - 6 African-American Districts
 - 2 Hispanic
- Municipal Boundaries – largely yes
- **Equal Population – not quite**
- Compactness – less than A or B

