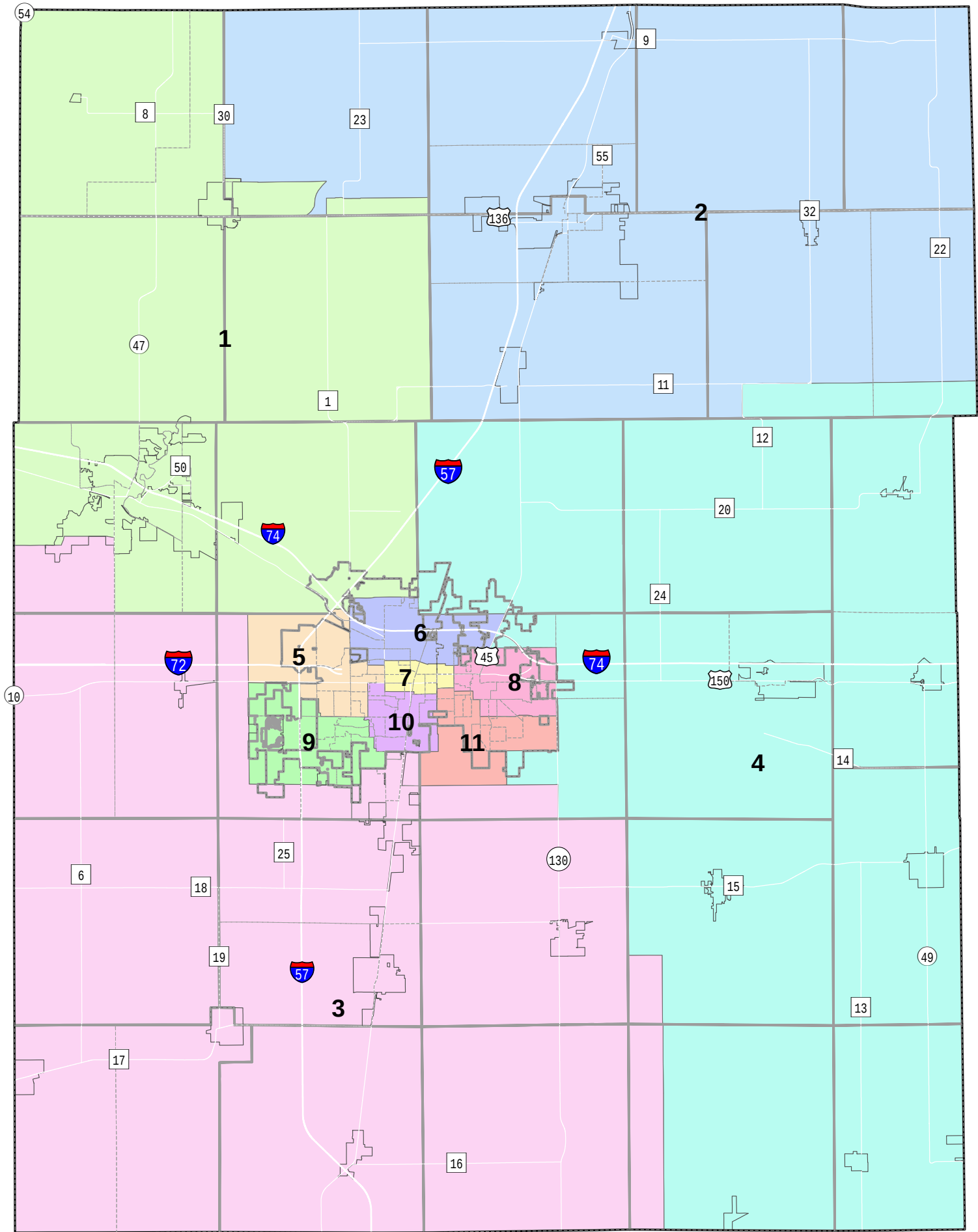




Plan 1F Revision 1



County Board Districts

- D1
- D2
- D3
- D4
- D5
- D6
- D7
- D8
- D9
- D10
- D11

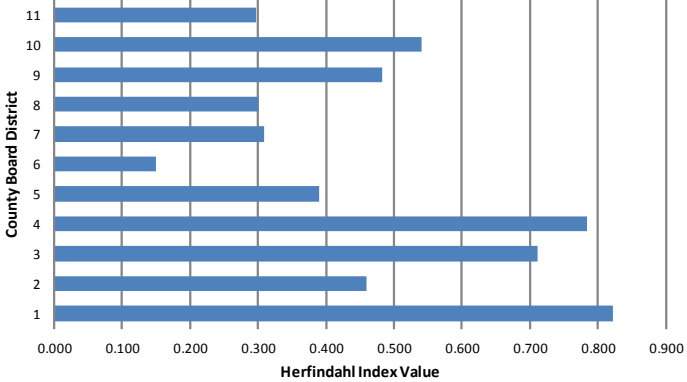


Created
May 11, 2011

0 1.5 3 Miles

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Diversity Index



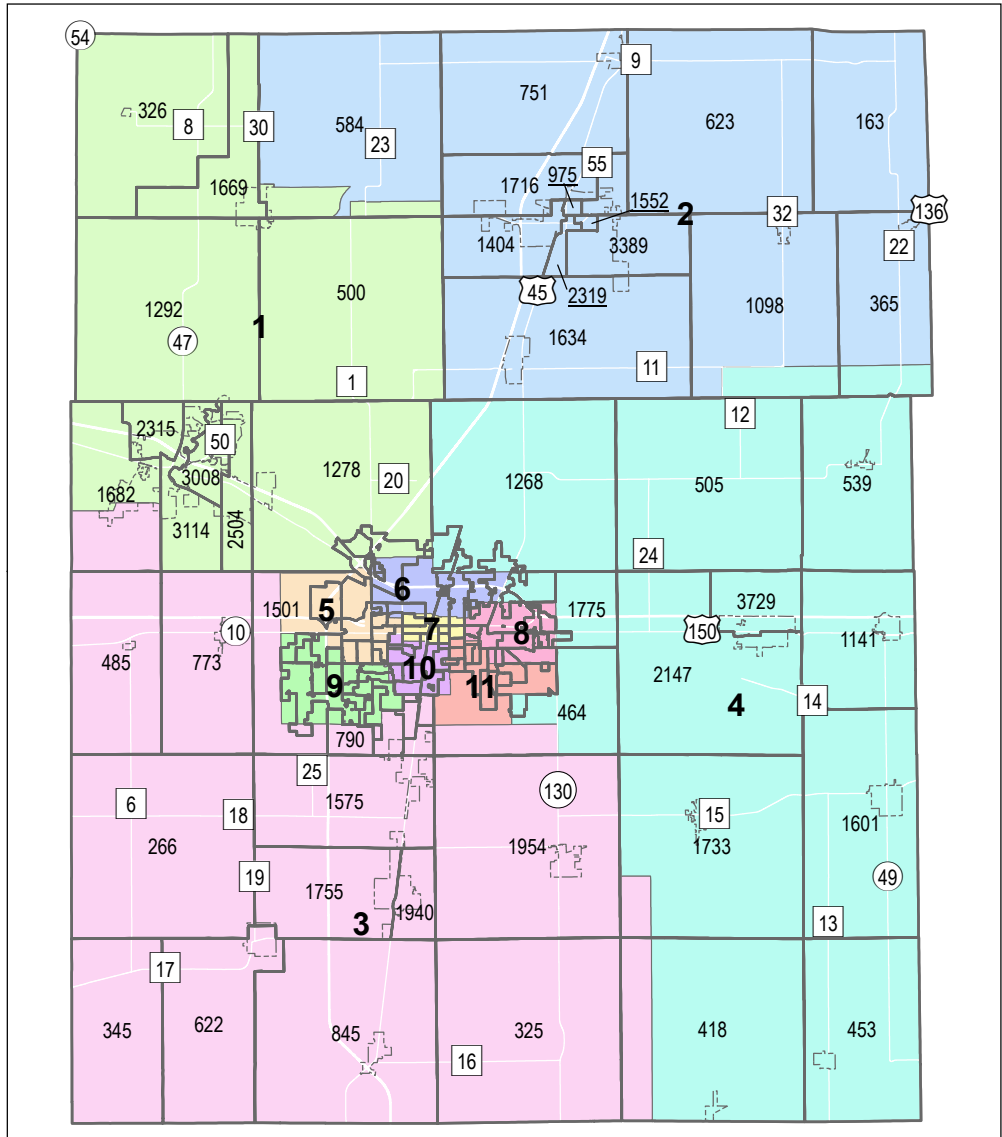
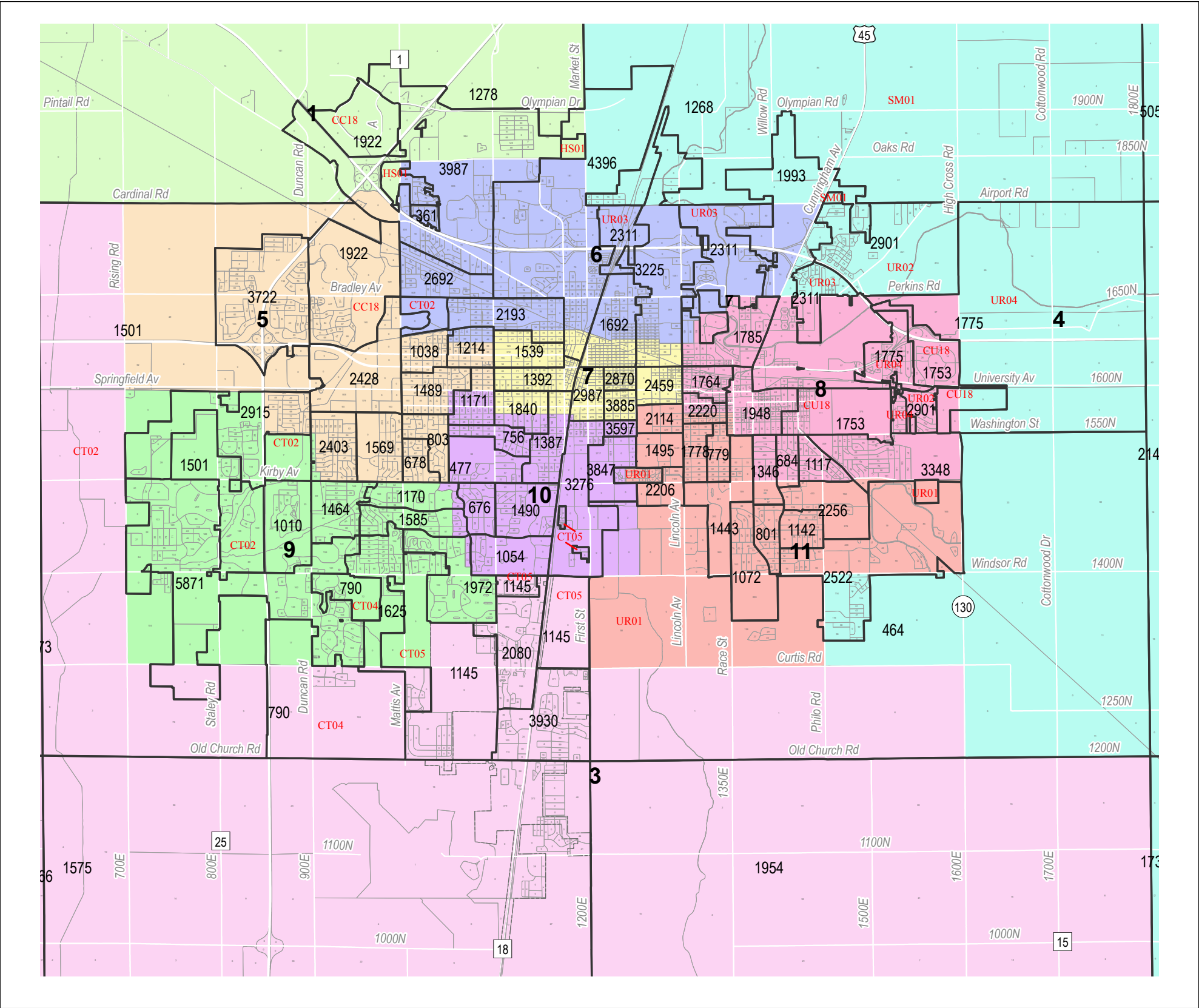
Absolute Deviation by Race

	Race & Ethnicity										
	Total One Race	Total White	Total Black or African American	Total American Indian and Alaska Native	Total Asian	Total Native Hawaiian and Other Pacific Islander	Total Other	Total Two or More Races	Total Hispanic	Majority Minority	
1	235	3,595	1,969	19	1,093	12	267	217	571	7.0%	
2	188	208	756	35	1,393	0	206	188	474	25.5%	
3	137	2,700	1,612	15	610	10	316	144	654	11.8%	
4	174	3,257	1,782	12	1,329	9	25	180	24	8.8%	
5	71	437	812	13	319	2	116	67	166	29.0%	
6	125	6,525	5,766	12	67	1	690	149	981	62.3%	
7	35	1,466	581	11	2,021	3	75	18	186	34.7%	
8	144	1,523	1,113	15	269	4	14	136	89	34.9%	
9	39	608	904	6	538	10	265	14	394	23.2%	
10	17	1,154	1,350	1	166	11	1	2	55	20.2%	
11	4	1,569	251	12	1,812	38	14	7	27	35.2%	

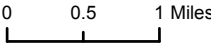
Overall Scenario Measures		
Population Characteristics		Looking for
Average District Population	18,280	18280
Standard Deviation	16	low
Mean Deviation	13	low
Mean Deviation (%)	0.07%	low
Absolute Overall Range	49	low
Overall Range Ratio	1.00	1
Overall Range % Variance	0.27%	low
Smallest Majority (%)	54.54%	>50%

Population Summary				
District	Total Population	Actual Difference from Average	Percent Difference from Average	
1	18,298	18	0.10%	
2	18,280	0	0.00%	
3	18,273	-7	-0.04%	
4	18,274	-6	-0.03%	
5	18,276	-4	-0.02%	
6	18,304	24	0.13%	
7	18,297	17	0.09%	
8	18,272	-8	-0.04%	
9	18,255	-25	-0.14%	
10	18,261	-19	-0.10%	
11	18,291	11	0.06%	

Measures of Compactness				
District	Polsby Popper	Roeck Test	Ehrenburg Test	
1	0.55	0.51	0.56	
2	0.56	0.46	0.52	
3	0.55	0.47	0.47	
4	0.47	0.44	0.39	
5	0.52	0.49	0.42	
6	0.49	0.38	0.40	
7	0.60	0.46	0.37	
8	0.65	0.60	0.59	
9	0.57	0.51	0.50	
10	0.60	0.54	0.67	
11	0.44	0.44	0.44	
Mean	0.55	0.48	0.49	
Standard Dev.	0.06	0.06	0.09	



Plan 1F Revision 1



Created
May 11, 2011

Red text denotes precincts that are not contiguous. Codes are provided so that the user can appropriately associate these areas. These areas are lightly shaded to further assist users in recognizing associated precinct locations.

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Plan Details

500

Precinct

Municipality

43

Block

D1

D2

D3

D4

D5

D6

D7

D8

D9

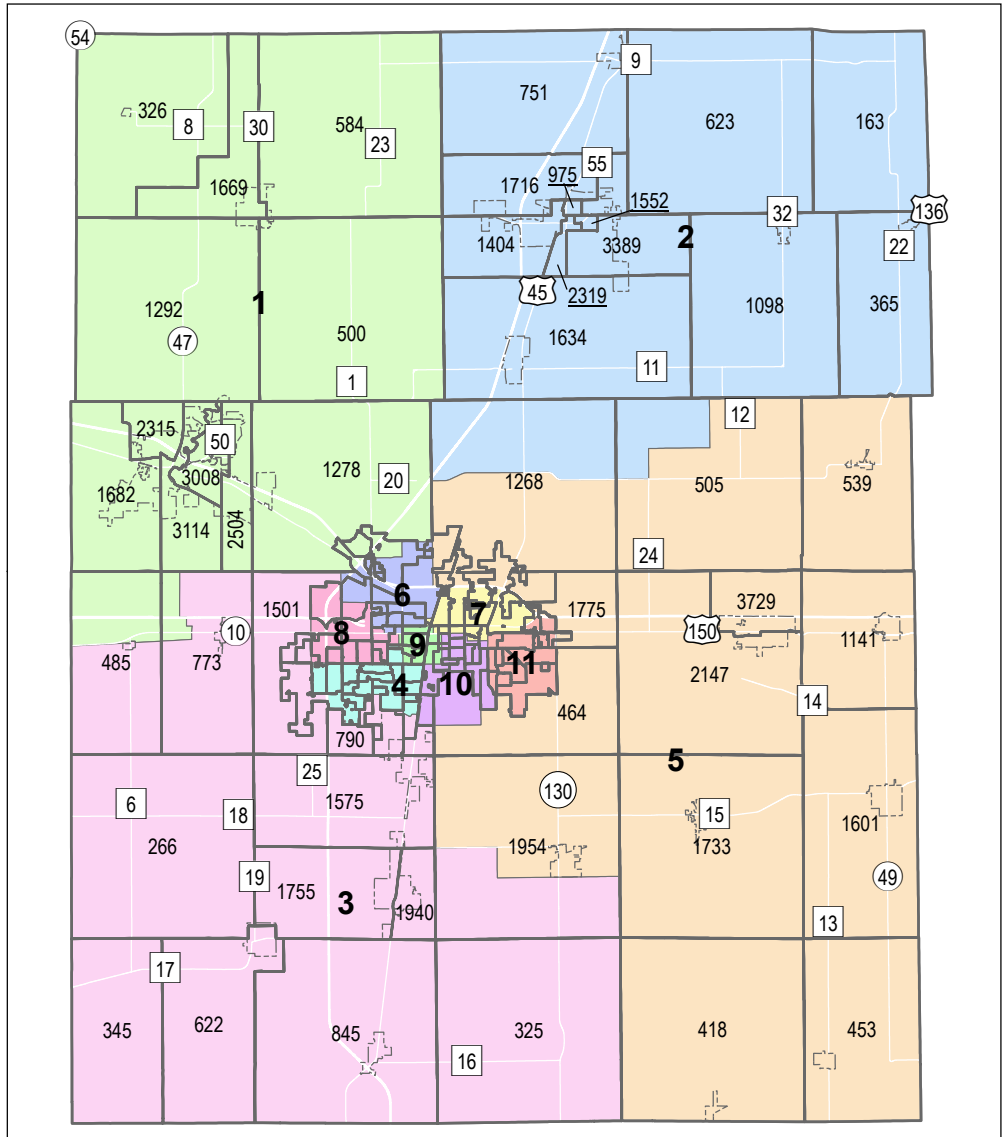
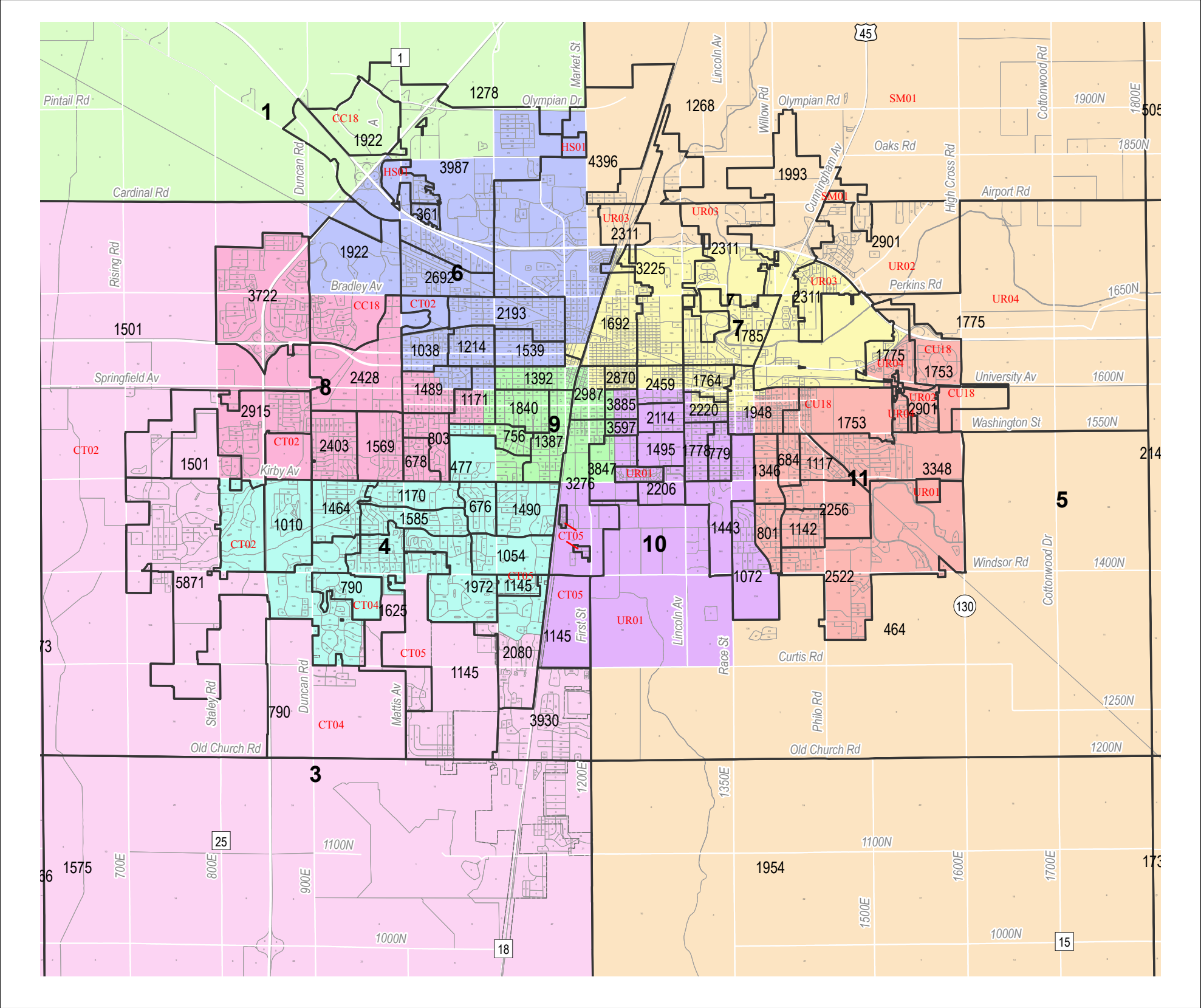
D10

D11

The table below shows the high average and low values for the original 22 draft maps. These are provided for comparison.

Map Name	Population						Overall Race and Ethnicity			Compactness				Rule Compliance		
	Absolute Mean Deviation	Mean Deviation Percent Variance	Absolute Overall Range	Overall Range Ratio	Overall Range Percent Variance	Smallest Majority	Minority Majority Districts	Mean Diversity Index Value	Diversity Index Standard Deviation	Polsby Popper	Roeck Test	Ehrenburg Test	Average	Number of Precincts Split	Number of Townships Split	Number of Municipalities Split
High	424	2.32%	1,461	1.08	7.99%	54.53%	1	0.482	0.263	0.64	0.56	0.53	0.58	28	9	5
Average	181.0	0.99%	680	1.04	3.72%	54.02%	0.57	0.472	0.229	0.48	0.48	0.46	0.47	16.90	5.81	3.38
Low	7	0.04%	24	1.00	0.13%	53.09%	0	0.463	0.198	0.32	0.43	0.34	0.36	6	4	2
Plan1F Revision 1	13	0.07%	49	1.00	0.27%	54.51%	1	0.477	0.209	0.55	0.48	0.49	0.51	38	10	3

Measures of Compactness				
District	Polsby Popper	Roeck Test	Ehrenburg Test	
1	0.64	0.50	0.52	
2	0.69	0.57	0.58	
3	0.51	0.54	0.52	
4	0.37	0.47	0.32	
5	0.46	0.53	0.39	
6	0.55	0.65	0.54	
7	0.56	0.43	0.46	
8	0.54	0.53	0.60	
9	0.71	0.63	0.68	
10	0.62	0.57	0.58	
11	0.53	0.53	0.63	
Mean	0.56	0.54	0.53	
Standard Dev.	0.10	0.06	0.11	



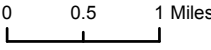
Plan 3D Revision 1



CHAMPAIGN COUNTY
GIS
CONSORTIUM
CHAMPAIGN COUNTY
rpc
REGIONAL
PLANNING
COMMISSION



Created
May 11, 2011



Red text denotes precincts that are not contiguous. Codes are provided so that the user can appropriately associate these areas. These areas are lightly shaded to further assist users in recognizing associated precinct locations.

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Plan Details

500

Precinct

Municipality

43

Block

D1

D2

D3

D4

D5

D6

D7

D8

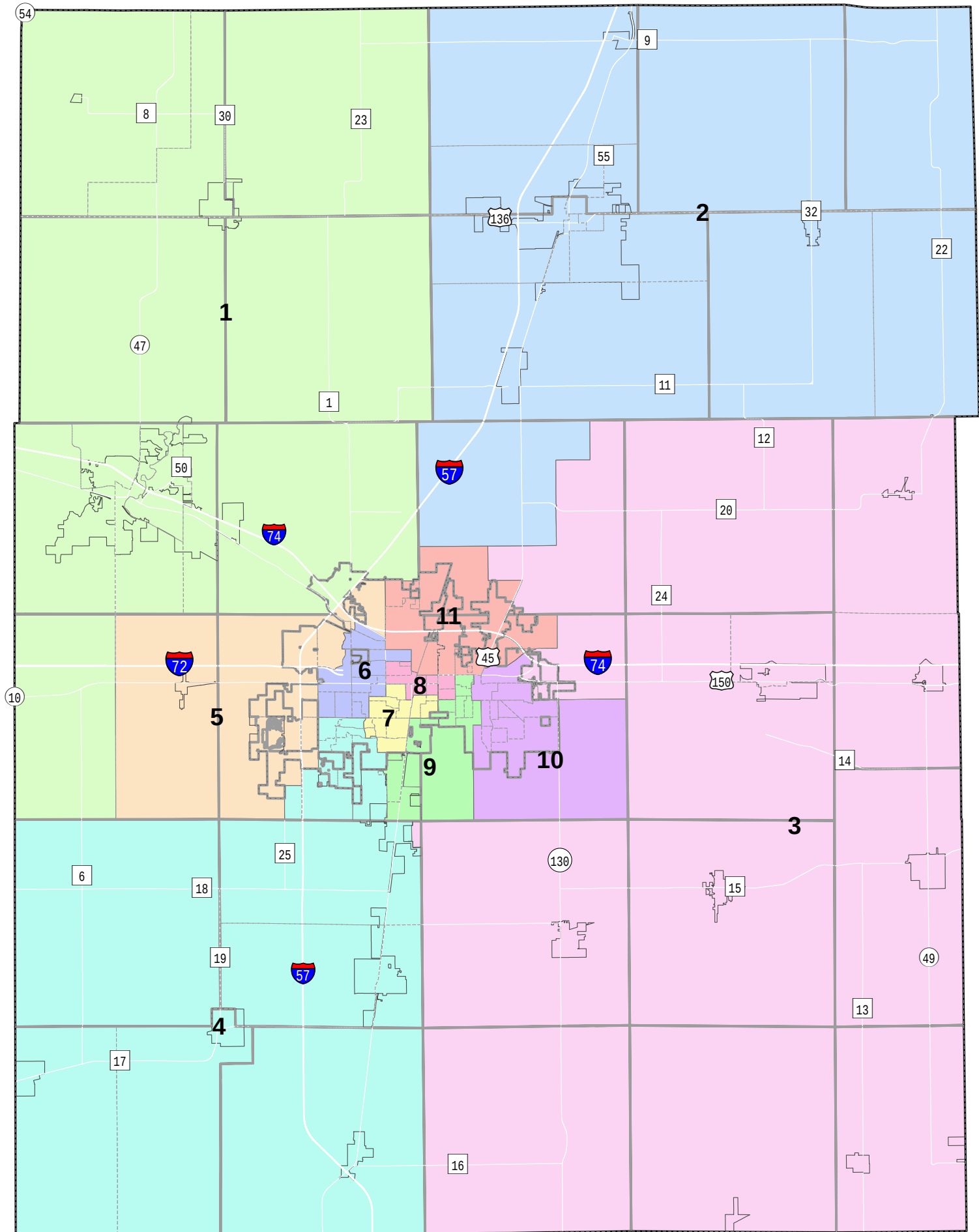
D9

D10

D11

The table below shows the high average and low values for the original 22 draft maps. These are provided for comparison.

Map Name	Population						Overall Race and Ethnicity			Compactness				Rule Compliance		
	Absolute	Mean	Absolute	Overall	Overall		Minority	Mean	Diversity	Polsby	Roeck	Ehrenburg	Average	Number of	Number of	Number of
	Mean	Deviation	Overall	Range	Range	Smallest	Majority	Diversity	Index							
	Deviation	Percent	Range	Ratio	Percent	Majority	Districts	Value	Standard	Popper	Test	Test		Precincts	Townships	Municipalities
		Variance			Variance				Deviation					Split	Split	Split
High	424	2.32%	1,461	1.08	7.99%	54.53%	1	0.482	0.263	0.64	0.56	0.53	0.58	28	9	5
Average	181.0	0.99%	680	1.04	3.72%	54.02%	0.57	0.472	0.229	0.48	0.48	0.46	0.47	16.90	5.81	3.38
Low	7	0.04%	24	1.00	0.13%	53.09%	0	0.463	0.198	0.32	0.43	0.34	0.36	6	4	2
Plan 3D Revision 1	16	0.08%	50	1.00	0.27%	54.50%	1	0.474	0.232	0.56	0.54	0.53	0.54	37	9	3



NAACP Plan B

Submitted by
NAACP
Statistics by
CCRPC and CCGISC

County Board Districts



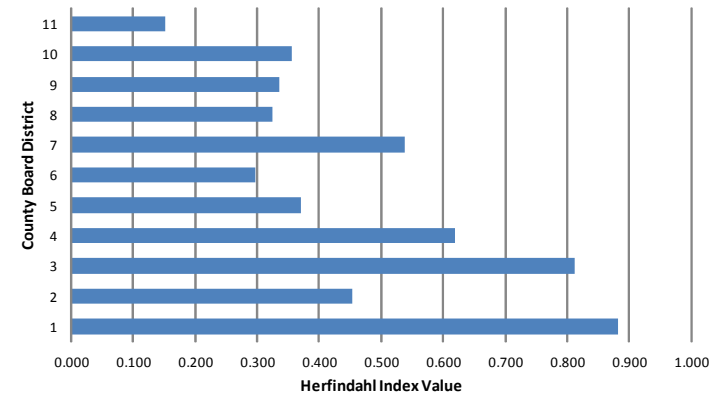
Created
May 10, 2011

0 1.5 3 Miles

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- D1
- D2
- D3
- D4
- D5
- D6
- D7
- D8
- D9
- D10
- D11

Diversity Index



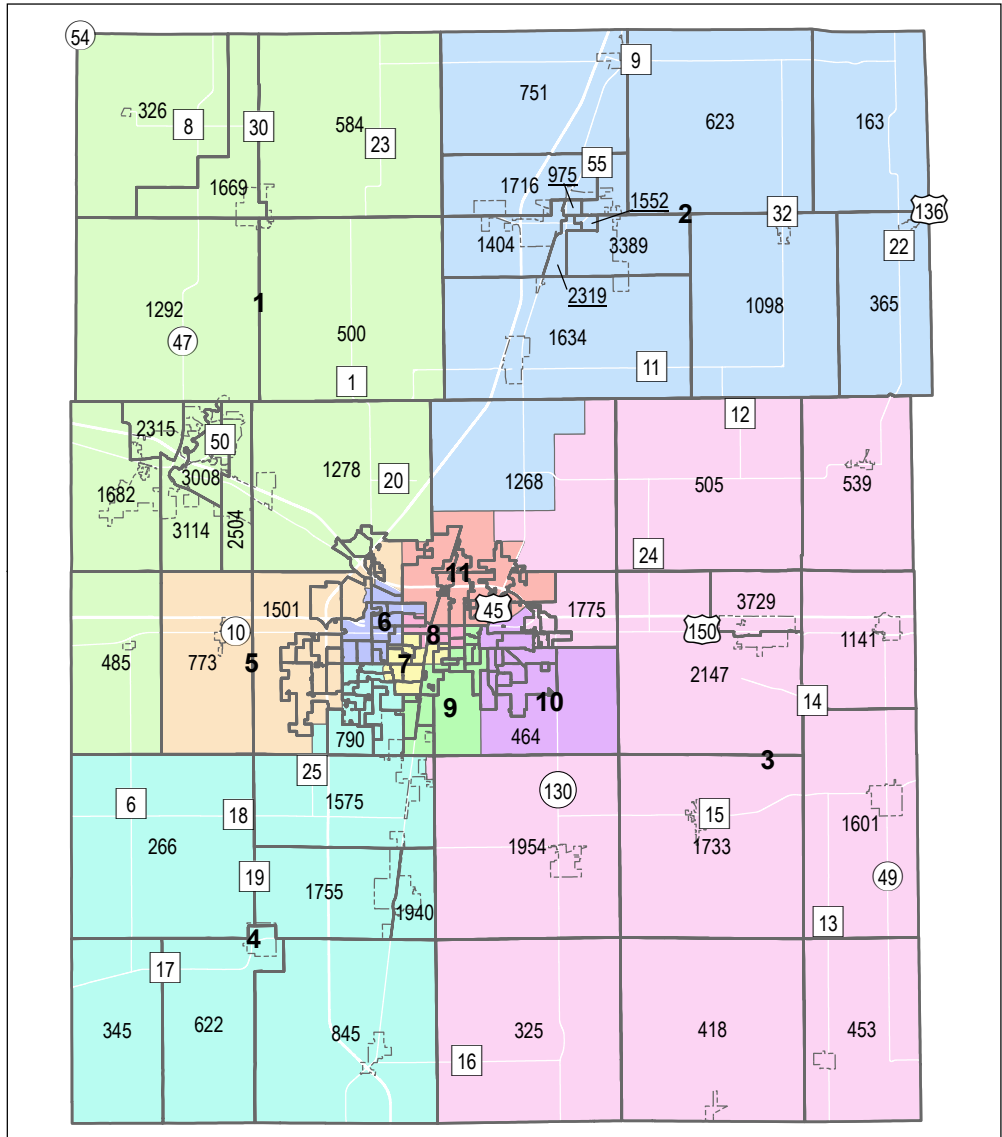
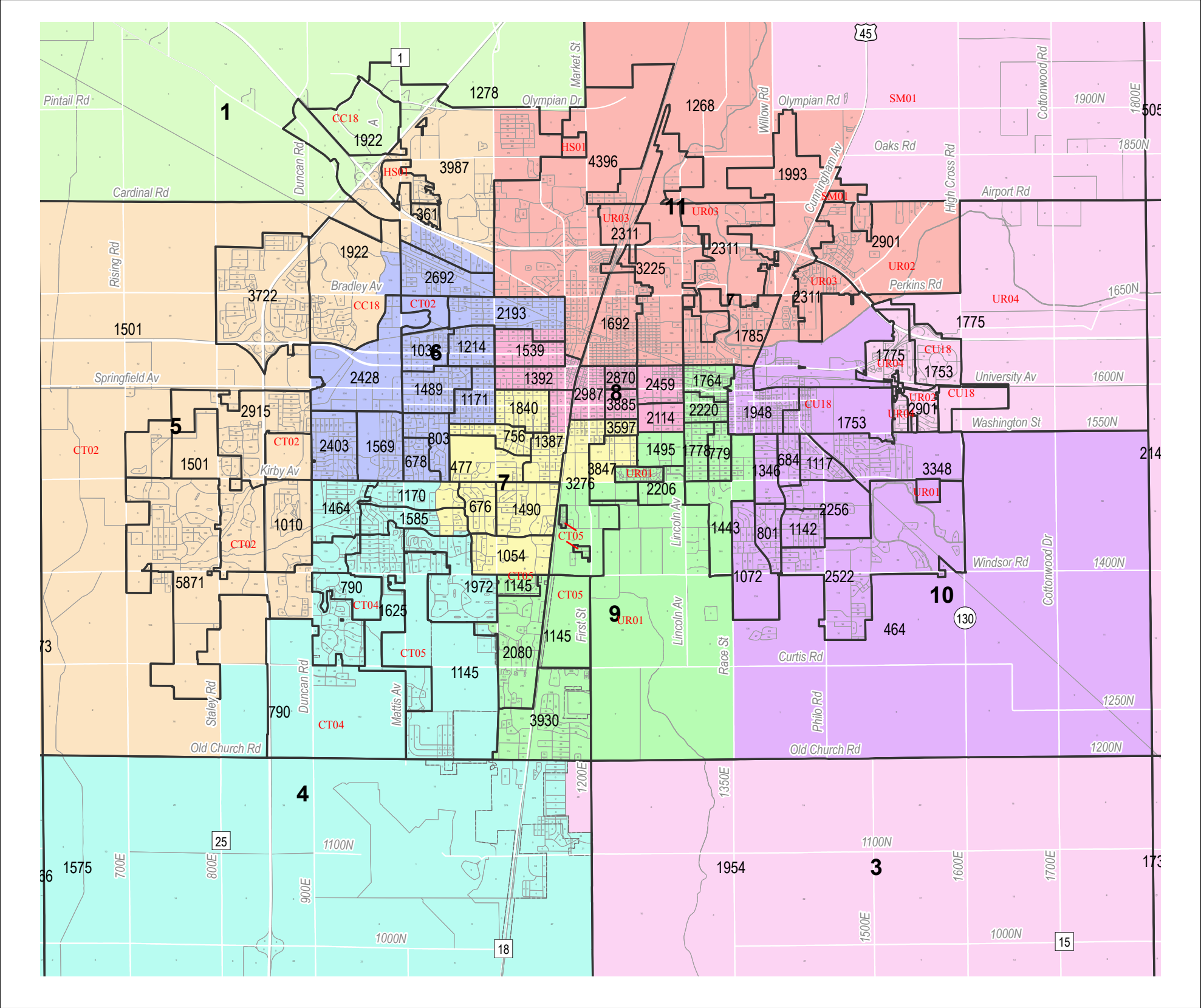
Absolute Deviation by Race

	Race & Ethnicity									
	Total One Race	Total White	Total Black or African American	Total American Indian and Alaska Native	Total Asian	Total Native Hawaiian and Other Pacific Islander	Total Other	Total Two or More Races	Total Hispanic	Majority Minority
1	243	4,029	2,063	15	1,409	12	287	235	637	4.6%
2	189	142	796	34	1,363	0	202	195	481	25.8%
3	221	3,505	1,496	11	1,476	10	291	215	599	7.5%
4	40	1,912	1,164	3	400	8	297	52	532	16.1%
5	29	590	175	6	382	2	12	38	83	29.9%
6	104	1,966	2,673	2	726	3	90	97	115	37.3%
7	35	1,141	1,334	1	214	10	3	36	78	20.4%
8	6	1,450	1,270	17	2,671	3	63	6	181	34.5%
9	13	1,195	972	21	2,233	39	71	17	73	33.1%
10	66	870	1,148	16	314	7	39	70	19	31.4%
11	157	4,656	3,505	19	183	8	800	149	1,155	52.0%

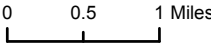
Overall Scenario Measures		
Population Characteristics		
Average District Population	18,280	Looking for 18280
Standard Deviation	7	low
Mean Deviation	6	low
Mean Deviation (%)	0.03%	low
Absolute Overall Range	21	low
Overall Range Ratio	1.00	1
Overall Range % Variance	0.11%	low
Smallest Majority (%)	54.53%	>50%

Population Summary				
District	Total Population	Actual Difference from Average	Percent Difference from Average	
1	18,288	8	0.04%	
2	18,286	6	0.03%	
3	18,286	6	0.03%	
4	18,268	-12	-0.07%	
5	18,289	9	0.05%	
6	18,273	-7	-0.04%	
7	18,279	-1	-0.01%	
8	18,280	0	0.00%	
9	18,276	-4	-0.02%	
10	18,284	4	0.02%	
11	18,272	-8	-0.04%	

Measures of Compactness				
District	Polsby Popper	Roeck Test	Ehrensburg Test	
1	0.56	0.41	0.50	
2	0.64	0.52	0.55	
3	0.49	0.51	0.41	
4	0.62	0.58	0.73	
5	0.51	0.43	0.72	
6	0.44	0.47	0.40	
7	0.44	0.53	0.43	
8	0.41	0.33	0.24	
9	0.48	0.42	0.52	
10	0.56	0.58	0.55	
11	0.51	0.57	0.57	
Mean	0.51	0.48	0.51	
Standard Dev.	0.07	0.08	0.14	



NAACP Plan B



Created May 10, 2011

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Plan Details

500

Precinct

Municipality

43

Block

D1

D2

D3

D4

D5

D6

D7

D8

D9

D10

D11

The table below shows the high average and low values for the original 22 draft maps. Numbers shown in bold, italics, and underlined, have been revised from the original number.

Map Name	Population						Overall Race and Ethnicity			Compactness				Rule Compliance		
	Absolute Mean Deviation	Mean Deviation Percent Variance	Absolute Overall Range	Overall Range Ratio	Overall Range Percent Variance	Smallest Majority	Minority Majority Districts	Mean Diversity Index Value	Diversity Index Standard Deviation	Polsby Popper	Roeck Test	Ehrenburg Test	Average	Number of Precincts Split	Number of Townships Split	Number of Municipalities Split
High	424	2.32%	1,461	1.08	7.99%	54.53%	1	0.482	0.263	0.64	0.56	0.53	0.58	28	9	5
Average	181.0	0.99%	680	1.04	3.72%	54.02%	0.57	0.472	0.229	0.48	0.48	0.46	0.47	16.90	5.81	3.38
Low	7	0.04%	24	1.00	0.13%	53.09%	0	0.463	0.198	0.32	0.43	0.34	0.36	6	4	2
NAACP Plan B	6	0.03%	21	1.00	0.11%	54.53%	1	0.467	0.214	0.51	0.48	0.51	0.50	18	8	3