OFFICE OF THE CHAMPAIGN COUNTY EXECUTIVE
1776 East Washington Street, Urbana, Illinois 61802-4581
Darlene A. Kloeppel, County Executive

MEMORANDUM

TO: COUNTY BOARD MEMBERS
FROM: DARLENE KLOEPPEL, COUNTY EXECUTIVE
DATE: MAY 11, 2021
RE: RECOMMENDATION FOR 2021 COUNTY BOARD REAPPORTIONMENT PLAN

Pursuant to the Illinois Counties Code (55 ILCS 5/2-3), the County Executive may develop and present to the Board an apportionment plan for its consideration by the third Wednesday in May following the decennial census. After some initial confusion, it was confirmed that the state legislature would not be announcing any delays in the deadlines for filing reapportionment plans, despite delays in *Census 2020* data reporting.

Accordingly, a 13-member Redistricting Advisory Group met with me 11 times from January through May to develop a recommendation to the County Board for a 2021 Reapportionment Plan. The group was selected with efforts to reflect the county's diversity of gender, age, race, residence, political leaning, and professional background, with the express goal of providing robust discussion and a map that would offer each county resident equal representation. The group discussed mapping tools and data, prioritized criteria to evaluate plans and reviewed plans submitted. All group discussions and resources were recorded and posted on the county's website under the "redistricting" tab.

ESRI's redistricting tool was used to draw the maps for group analysis. *Dave's Redistricting App*, an open source mapping tool, also allowed the public to submit suggestions for communities of interest, comments on drawn maps and even complete maps for consideration. Submitted maps were accepted through Tuesday, May 4th and transferred into the ESRI mapping tool for comparative analysis with other maps generated internally by the group.

A total of 12 plans were compared by the group at its last meeting on May 6th. A summary comparison of all 12 plans is attached.

PLAN REQUIREMENTS

Contiguity

Statute requires that all districts be comprised of contiguous areas. All plans submitted for consideration had contiguous districts, and the Executive's recommendation meets this criterion.

Population

Statute requires districts of substantially equal population, with case law reflecting a maximum permissible overall range variance of no more than 10% between the lowest and highest population districts.

ESRI Demographics was chosen for population estimates, because this product has a reputation for providing good estimates of population at the block group level, using interim American Community Survey estimates adjusted with additional recent tax, residential and business data. Although local *Census 2020* data are not yet available, for comparison, the state level *Census 2020* reported an Illinois population of 12,822,739, while *ESRI Demographics* estimates 12,862,980, a difference of only 40,241 or .3%.

Using ESRI estimates, the 2020 Champaign County population is 212,833, slightly over a 10% increase from the 2010 Census. The University of Illinois reported that campus group housing normally houses 12,821 students and that during the COVID-19 pandemic all 51,344 students were asked to complete Census 2020 responses for the location where they normally would live while attending college. ESRI estimates 72,502 (34.1%) of Champaign County's residents are a racial minority, with the largest minority of 28,358 (13.3%) Black/African Americans.

The County Board's decision to maintain 11 districts results in an ideal district population of 19,353. Since we used estimates, the advisory group prioritized having a low 2-3% variance from this ideal in all districts as a strategy to address potentially larger variances when final Census numbers are released. The maximum allowed overall variance generally allowed by case law is 10%. The Executive's recommendation meets this criterion.

Communities of Interest

Pursuant to the Voting Rights Act of 1965, efforts were made to preserve voting power of communities with common racial, geographic or socioeconomic interests, with specific emphasis to assure that rights of minority populations are not diluted or concentrated. Communities of Interest (COI) with significant populations in Champaign County that are prioritized in the County Executive's recommendation are:

- a high concentration of Black residents in north Champaign and Urbana (approximately 1/3 of total in Champaign County)
- the rural area outside of the urban donut-hole of Champaign, Urbana and Savoy
- a high concentration of University of Illinois students, using campus housing to define an area of known students (approximately 1/3 of total)
- Rantoul city limits on both sides of I-57

The advisory group was divided on the advisability of considering political affiliation as a factor, however, was very interested in maintaining at least some competitive districts where there might be a close split of voter preference rather than having all "pre-determined" districts. *Dave's Redistricting App* summary data (not individual voting records) over several election seasons was used to determine competitiveness of districts after other priorities were incorporated into the maps. Districts were considered closely competitive within a 45%-55% split range for the two major political parties. The County Executive's recommendation has 2 competitive districts, maintaining the status quo.

Compactness
Concerns about gerrymandering result in a desire for compactness of districts. While the group reviewed statistical measures as somewhat helpful, preference for visually simple shapes was the primary consideration for compactness. Polsby-Popper Index scores, Roeck Test scores and Ehrenburg Test scores approaching 1.00 for each district reflect the most compact shapes. The County Executive's recommendation falls within the .44 to .51 range when averaging all districts on these three scores.

Few splits of municipalities, townships, precincts
Statute requires that districts divide boundaries of townships/municipalities only to meet the population requirement and districts do not divide precincts more than twice. In Champaign County, the cities of Champaign and Urbana are the only municipalities that must be divided into more than one district due to size. In order to equalize population between districts, Savoy was the only other municipality that was divided and no more than 10 townships were divided in the County Executive's recommendation.

Because the County Clerk redistricts precincts following determination of the county board districts, the County Executive's recommendation did not consider current precinct boundaries.

RECOMMENDATION TO THE BOARD

There is no "perfect" plan. I am pleased to say that based on our analysis, my advisory group came to consensus on preference for three of the plans from the 12 submitted.

I recommend that the County Board adopt one of these three plans as the 2021 Reapportionment Plan for Champaign County: Plan 1, Plan 3 or Plan 5A.

Plan 1 – This is the current 2011 map, adjusted for 2021 estimates and anticipated continued population growth in SW Champaign. This map maintains the dividing line between Champaign & Urbana, which splits the Black and university student communities of interest. This map keeps the current board member seats relatively intact and maintains 2 competitive districts. The average district compactness score is .44 (fair).

Plan 3 – This is Plan 1F recommended in 2011, adjusted to 2021 population estimates. It creates a district with 42.4% Black residents and 6 districts with over 20% minority residents. The compactness average score for districts is .48, and this plan maintains 2 competitive districts.

Plan 5A - This plan incorporates all the prioritized communities of interest with intent to create some likely seats on the County Board for these significant sub-populations. It minimizes the "bite" into the urban footprint from the rural districts and anticipates continued urban growth in SW Champaign. This plan maintains 2 competitive districts and has a compactness average for districts of .54.

Thanks go to the members of my Redistricting Advisory Group for their help in providing information, technical skills and insight as we reviewed map submissions: Emily Bluhm, Leanne Brehob-Riley, Trisha Crowley, Nicole Darby, Brian Gaines, Mariel Huasanga, Charles Lansford, Gabriel Lewis, Shandra Summerville, Debbra Sweat, Shree Thaker, and Lin Warfel.

Plan Submissions and Analysis

Highlights of each plan:

Plan 1 – The current 2011 map, adjusted for 2021 population estimates; least change; continues to split Black and student communities of interest

Plan 2 – The current 2011 map, adjusted for 2021 population estimates; combines Black and student communities of interest for Blacks; District #3 becomes too big

Plan 3 – Plan 1F recommended in 2011, adjusted to 2021 population estimates; combines Black community of interest; more compact than Plan 2

Plan 4 – Plan 3D recommended in 2011, adjusted to 2021 population estimates; splits Black community of interest; District #5 wraps around city

Plan 5 – Plan incorporating as closely as possible all prioritized communities of interest; District #3 is too big

Plan 5A – Adjustment to Plan 5 to make Districts 2 & 3 more compact

Plan 5B – Adjustment to Plan 5; withdrawn

Plan 6 – Districts drawn from the center of the county outward; separates all communities of interest without gain to other measures; every district overwhelmed by urban population

Plan 7 – Plan to increase % of Blacks in 2 districts; expense to compactness

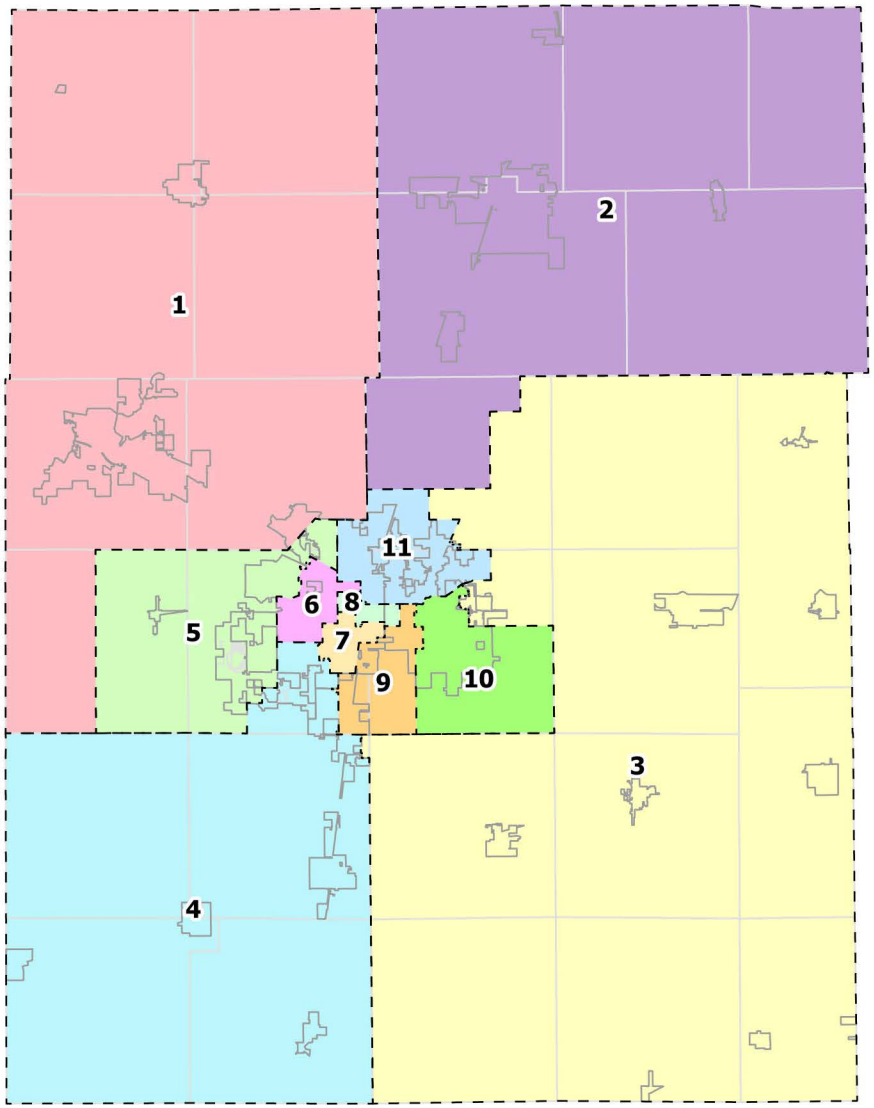
Plan 8 – Plan to increase number of competitive districts; expense to compactness

Plan 9 – Plan to separate communities of interest into multiple districts to gain more districts with some influence; significant expense to compactness; splits Mahomet & Rantoul

Plan 10 – Plan to separate communities of interest into multiple districts to gain more districts with some influence; significant expense to compactness; splits Mahomet & Rantoul

Plan 11 – Plan to create 2 minority majority districts and proportional representation of the 4 urban townships in C-U; proportional student population outside campus is unknown; compactness within city boundaries is very low

2021 County Map Analysis	Population Equality					Race			Rule Compliance			Partisan Lean		
Map	std. dev.	abs. overall range	overall range ratio	overall range % var.	smallest majority	all min. >50%	Asian >20%	Black >29%	# split twshps	# split mun.	ave % pop. age 18+	D	R	45%-55%
High	1735	5522	1.33	28.53%	54.37%	2	2	2	17	6	82.44%	6	3	3
Average	660	2117	1.12	10.90%	53.25%	2	1	1	9	4	82.19%	6	3	2
Low	80	203	1.01	1.05%	50.98%	1	0	1	6	2	82.05%	5	2	2
Board Districts 2011 Map	773	2122	1.11	11.00%	53.00%	1 1	2	2	8	3	82.16%	6	3	2
Plan 1 - adj 2011 districts	87	277	1.01	1.43%	54.36%	1	2	2	7	3	82.21%	6	3	2
Plan 2 - combine AA/campus	94	300	1.02	1.55%	54.36%	2	1	1	6	2	82.22%	6	3	2
Plan 3 - adj 1F from 2011	80	203	1.01	1.05%	54.37%	1	2	1	10	2	82.23%	6	3	2
Plan 4 - adj 3D from 2011	174	607	1.03	3.14%	54.22%	2	2	1	7	3	82.21%	6	3	2
Plan 5 - all COI's	107	305	1.02	1.58%	54.34%	1	1	1	10	2	82.23%	6	3	2
Plan 5A - all COI's; adj dist 2 & 3	241	989	1.05	5.11%	54.16%	1	1	1	10	2	82.24%	6	3	2
Plan 5B - COI's; adj (withdrawn)														
Plan 6 - center out to edges created in DRA; trensfer to ESRI	172	403	1.02	2.08%	54.18%	1	1	1	17	2	82.44%	5	3	3
Plan 7 - bjg v2	1260	5426	1.32	28.04%	52.64%	1	1	1	7	6	82.05%	6	3	2
Plan 8 - bjg champ 2	793	2127	1.12	10.99%	52.86%	2	2	2	11	5	82.12%	5	3	3
Plan 9 - ww 20210428	1735	5522	1.33	28.53%	50.98%	2	0	1	10	6	82.13%	6	2	3
Plan 10 - ww 20210429	1583	4758	1.28	24.59%	51.23%	2	2	1	10	5	82.44%	6	3	2
Plan 11 - equity	1058	3354	1.19	17.33%	52.63%	2	2	2	10	4	82.06%	6	3	2

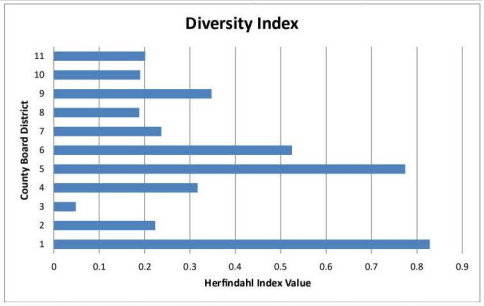


Population Summary

District	Total Population	Absolute Deviation	Deviation Percentage Variance	Age 18+ Population Percentage
1	19229	-124	-0.64%	76.90%
2	18457	-896	-4.63%	76.05%
3	18962	-391	-2.02%	77.26%
4	20132	779	4.03%	80.33%
5	20285	932	4.82%	77.28%
6	18769	-584	-3.02%	77.04%
7	18765	-588	-3.04%	92.67%
8	20579	1226	6.33%	97.06%
9	18822	-531	-2.74%	88.92%
10	18719	-634	-3.28%	80.46%
11	20164	811	4.19%	79.81%

Overall Scenario Measures

Population Characteristics		*Looking for*
Average District Population	19,353	*19353*
Standard Deviation	773	*low*
Absolute Overall Range	2122	*low*
Overall Range Ratio	1.11	*1*
Overall Range % Variance	10.96%	*Low*
Smallest Majority (%)	52.84%	*>50%*



Compactness Summary

District	Polsby-Popper	Roeck	Ehrenburg
1	0.56	0.41	0.50
2	0.64	0.52	0.55
3	0.49	0.51	0.41
4	0.63	0.57	0.74
5	0.51	0.43	0.72
6	0.43	0.47	0.40
7	0.44	0.53	0.43
8	0.41	0.33	0.24
9	0.48	0.42	0.53
10	0.57	0.58	0.56
11	0.52	0.57	0.57

Partisan Lean

	Dem	Rep	Other
1	28.28%	66.50%	5.22%
2	37.36%	57.21%	5.43%
3	29.07%	65.96%	4.97%
4	45.74%	49.39%	4.87%
5	49.84%	45.36%	4.80%
6	65.36%	29.07%	5.57%
7	63.71%	30.23%	6.06%
8	73.79%	19.43%	6.78%
9	69.36%	24.76%	5.88%
10	66.45%	28.30%	5.25%
11	66.97%	27.69%	5.33%

Competitive Range - 45-55%, Election composite 2012-2016
https://medium.com/dra-2020/district-statistics-280ea441569b

Percent of the District **Hispanic population is separate from race categories*

	Race & Ethnicity								
District	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
1	98.5%	93.3%	1.2%	0.0%	1.6%	0.0%	0.0%	1.5%	2.3%
2	96.2%	66.5%	18.5%	0.1%	1.6%	0.0%	0.0%	3.8%	9.5%
3	98.5%	91.0%	4.4%	0.0%	1.0%	0.0%	0.0%	1.5%	2.1%
4	97.4%	79.4%	6.4%	0.1%	8.6%	0.0%	0.0%	2.6%	2.8%
5	96.7%	61.8%	14.3%	0.0%	14.4%	0.0%	0.0%	3.3%	6.0%
6	96.5%	54.4%	29.4%	0.0%	6.2%	0.0%	0.0%	3.5%	6.4%
7	97.1%	69.4%	6.3%	0.1%	13.3%	0.1%	0.2%	2.9%	7.6%
8	97.27%	55.46%	6.56%	0.07%	27.19%	0.03%	0.17%	2.73%	7.8%
9	97.06%	56.33%	7.65%	0.02%	27.17%	0.24%	0.15%	2.94%	5.5%
10	96.8%	60.1%	20.6%	0.0%	9.6%	0.0%	0.2%	3.2%	6.3%
11	96.7%	39.1%	31.4%	0.2%	12.6%	0.0%	0.2%	3.3%	13.2%

Districts 2011

Date Exported: 4/20/2021 10:27 AM

- Current County Board Districts
- Municipality
- Civil Townships

Districts

DISTRICT

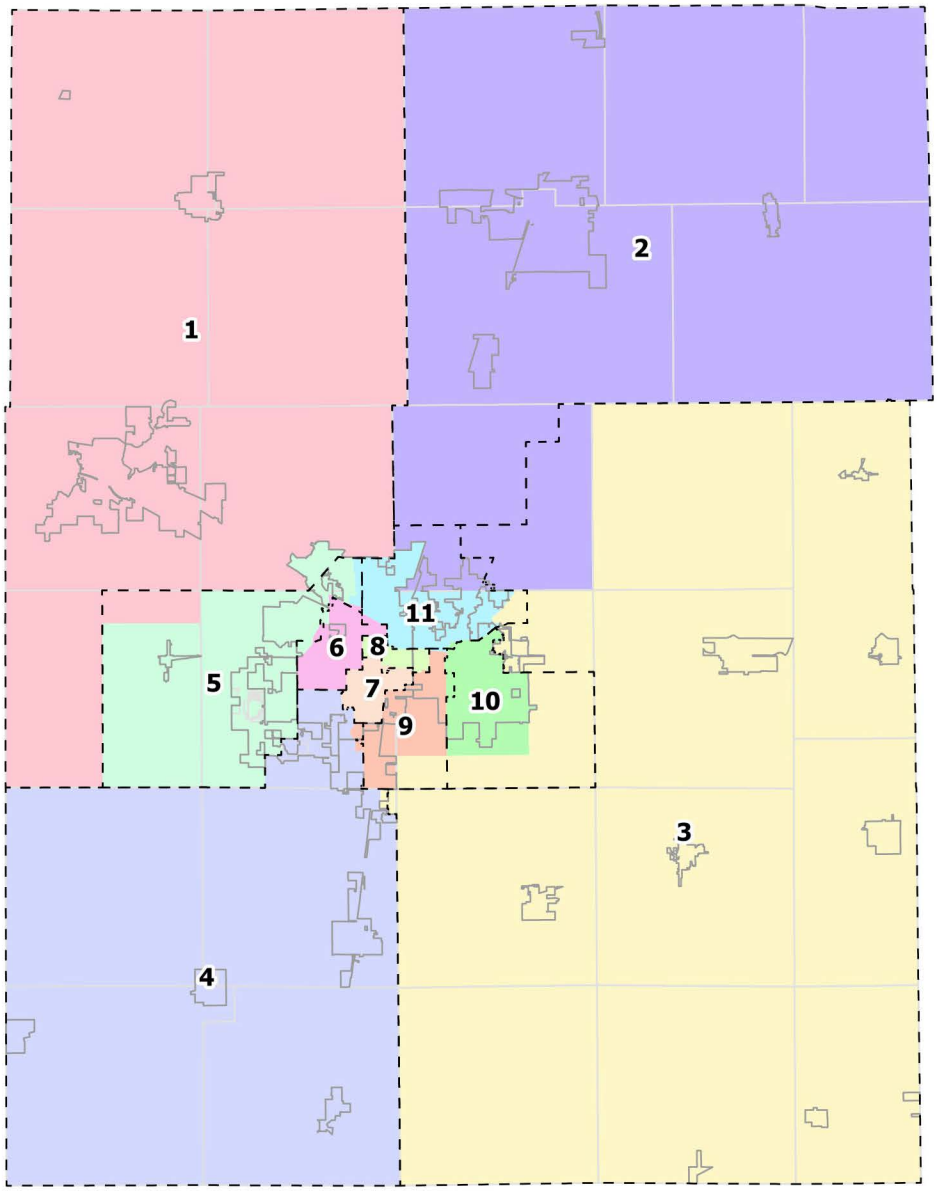
- District 1
- District 2
- District 3
- District 4
- District 5
- District 6
- District 7
- District 8
- District 9
- District 10
- District 11

N

0 2 4 Miles

CHAMPAIGN COUNTY GIS CONSORTIUM

Disclaimer: This map was created for the Champaign County Redistricting Commission for the purpose of redrawing County Board district boundaries. Information on this map is not guaranteed and should not be used for any other purpose.



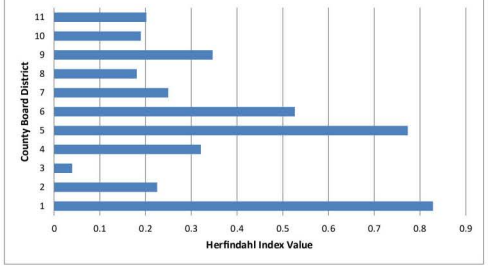
Population Summary

District	Total Population	Absolute Deviation	Deviation Percentage Variance	Age 18+ Population Percentage
1	19421	68	0.35%	76.96%
2	19197	-156	-0.81%	76.33%
3	19369	16	0.08%	77.30%
4	19418	65	0.34%	80.29%
5	19411	58	0.30%	77.43%
6	19331	-22	-0.11%	76.79%
7	19251	-102	-0.53%	92.63%
8	19428	75	0.39%	97.13%
9	19474	121	0.63%	89.28%
10	19290	-63	-0.33%	80.46%
11	19293	-60	-0.31%	79.75%

Overall Scenario Measures

Population Characteristics		*Looking for*
Average District Population	19,353	*19353*
Standard Deviation	87	*low*
Absolute Overall Range	277	*low*
Overall Range Ratio	1.01	*1*
Overall Range % Variance	1.43%	*Low*
Smallest Majority (%)	54.36%	*>50%*

Diversity Index



Compactness Summary

District	Polsby-Popper	Roeck	Ehrenburg
1	0.52	0.41	0.50
2	0.57	0.50	0.51
3	0.56	0.51	0.52
4	0.63	0.57	0.74
5	0.43	0.42	0.56
6	0.49	0.46	0.40
7	0.48	0.54	0.42
8	0.42	0.32	0.25
9	0.40	0.35	0.46
10	0.43	0.56	0.61
11	0.32	0.41	0.28

Partisan Lean

	Dem	Rep	Other
1	28.30%	66.48%	5.21%
2	37.20%	57.41%	5.39%
3	29.54%	65.50%	4.96%
4	45.51%	49.57%	4.91%
5	49.79%	45.43%	4.78%
6	65.26%	29.16%	5.59%
7	63.96%	29.96%	6.08%
8	73.77%	19.44%	6.78%
9	68.79%	25.35%	5.86%
10	66.76%	27.99%	5.25%
11	68.64%	25.99%	5.37%

Competitive Range - 45-55%, Election composite 2012-2016 https://medium.com/dra-2020/district-statistics-280ea441569b

Percent of the District **Hispanic population is separate from race categories*

	Race & Ethnicity								
District	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
1	98.5%	93.3%	1.2%	0.0%	1.6%	0.0%	0.0%	1.5%	2.3%
2	96.2%	66.9%	18.2%	0.1%	1.8%	0.0%	0.0%	3.8%	9.2%
3	98.6%	91.0%	4.3%	0.0%	1.2%	0.0%	0.0%	1.4%	2.1%
4	97.4%	79.5%	6.5%	0.1%	8.4%	0.0%	0.1%	2.6%	2.9%
5	96.7%	62.7%	13.5%	0.0%	14.7%	0.0%	0.1%	3.3%	5.7%
6	96.5%	53.5%	29.9%	0.1%	6.2%	0.0%	0.0%	3.5%	6.7%
7	97.1%	69.4%	6.5%	0.1%	13.1%	0.1%	0.2%	2.9%	7.6%
8	97.30%	55.21%	6.41%	0.06%	27.64%	0.01%	0.19%	2.70%	7.8%
9	97.07%	56.30%	7.50%	0.03%	27.31%	0.27%	0.15%	2.93%	5.5%
10	96.8%	60.3%	20.4%	0.0%	9.5%	0.0%	0.2%	3.2%	6.3%
11	96.6%	37.2%	32.2%	0.2%	13.2%	0.0%	0.2%	3.4%	13.6%

Plan 1

Date Exported: 4/20/2021 8:47 AM

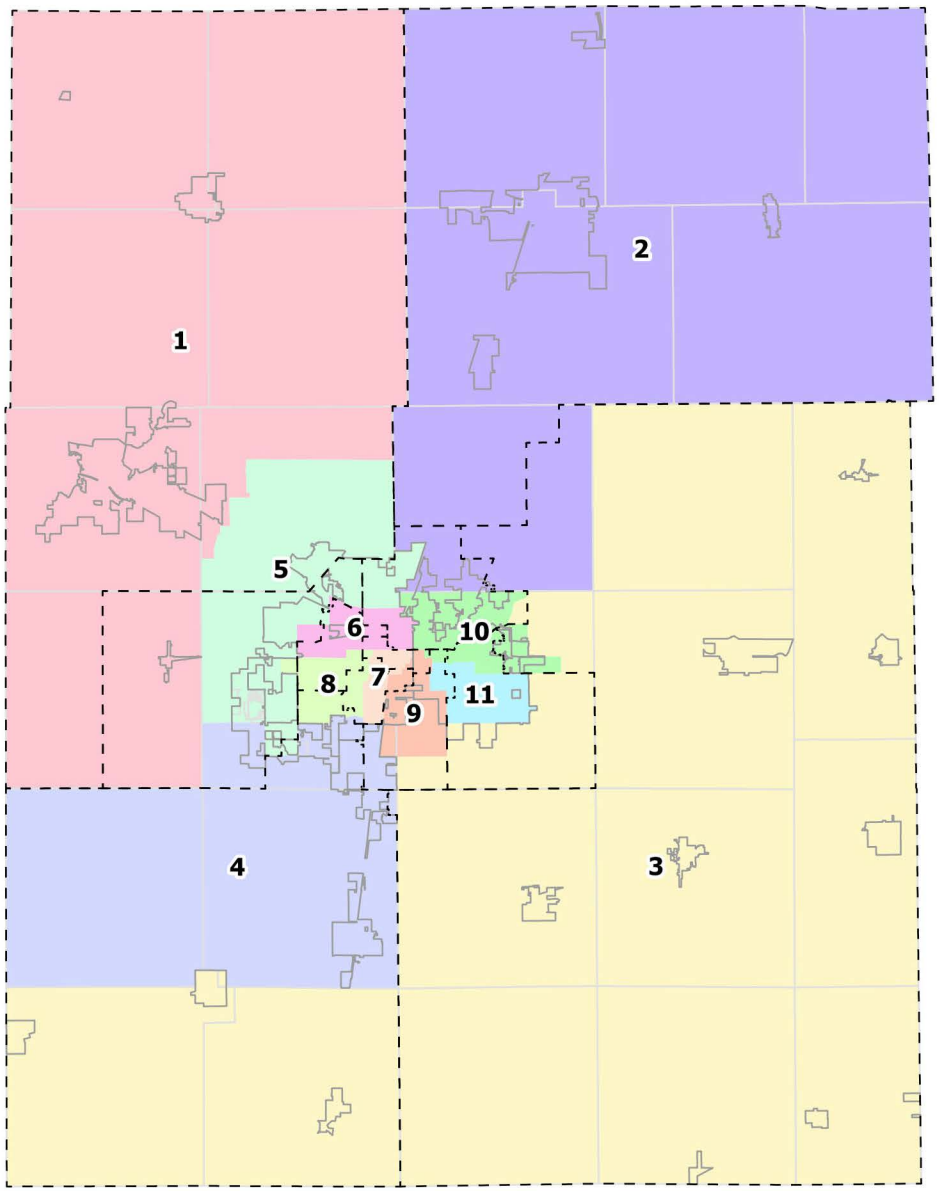
- Current County Board Districts
- Municipality
- Civil Townships
- District 1
- District 2
- District 3
- District 4
- District 5
- District 6
- District 7
- District 8
- District 9
- District 10
- District 11

N

0 2 4 Miles

CHAMPAIGN COUNTY GIS CONSORTIUM

Disclaimer: This map was created for the Champaign County Redistricting Commission for the purpose of redrawing County Board district boundaries. Information on this map is not guaranteed and should not be used for any other purpose.

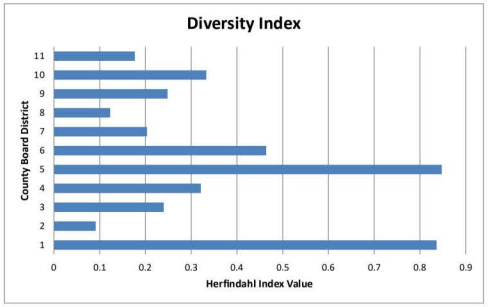


Population Summary

District	Total Population	Absolute Deviation	Deviation Percentage Variance	Age 18+ Population Percentage
1	19497	144	0.74%	76.99%
2	19197	-156	-0.81%	76.33%
3	19221	-132	-0.68%	78.36%
4	19471	118	0.61%	79.93%
5	19377	24	0.12%	77.79%
6	19300	-53	-0.27%	76.30%
7	19358	5	0.03%	94.33%
8	19422	69	0.36%	79.66%
9	19355	2	0.01%	98.49%
10	19301	-52	-0.27%	84.68%
11	19384	31	0.16%	81.55%

Overall Scenario Measures

Population Characteristics		*Looking for*
Average District Population	19,353	*19353*
Standard Deviation	94	*low*
Absolute Overall Range	300	*low*
Overall Range Ratio	1.02	*1*
Overall Range % Variance	1.55%	*Low*
Smallest Majority (%)	54.36%	*>50%*



Compactness Summary

District	Polsby-Popper	Roeck	Ehrenburg
1	0.55	0.41	0.50
2	0.57	0.50	0.51
3	0.43	0.38	0.46
4	0.54	0.53	0.47
5	0.38	0.47	0.38
6	0.40	0.38	0.31
7	0.43	0.32	0.25
8	0.51	0.52	0.57
9	0.57	0.49	0.59
10	0.37	0.35	0.43
11	0.52	0.47	0.40

Partisan Lean (>50%)

	Dem	Rep	Other
1	28.07%	66.69%	5.24%
2	37.20%	57.41%	5.39%
3	29.04%	66.03%	4.92%
4	46.91%	48.22%	4.87%
5	50.26%	44.87%	4.88%
6	70.94%	23.22%	5.83%
7	68.77%	24.51%	6.72%
8	58.47%	36.40%	5.13%
9	71.22%	22.72%	6.07%
10	64.23%	29.98%	5.78%
11	70.32%	24.26%	5.42%

Competitive Range - 45-55%, Election composite 2012-2016
https://medium.com/dra-2020/district-statistics-280ea441569b

Percent of the District **Hispanic population is separate from race categories*

	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
1	98.6%	93.6%	1.0%	0.0%	1.6%	0.0%	0.0%	1.4%	2.2%
2	96.2%	66.9%	18.2%	0.1%	1.8%	0.0%	0.0%	3.8%	9.2%
3	98.9%	94.1%	2.0%	0.0%	1.1%	0.0%	0.0%	1.1%	1.6%
4	97.2%	75.9%	5.5%	0.0%	12.9%	0.0%	0.0%	2.8%	2.8%
5	96.6%	58.9%	14.2%	0.1%	17.4%	0.0%	0.0%	3.4%	6.0%
6	96.7%	41.7%	39.1%	0.0%	4.9%	0.0%	0.1%	3.3%	10.9%
7	97.1%	61.9%	6.6%	0.1%	20.1%	0.0%	0.2%	2.9%	8.3%
8	96.87%	68.27%	15.47%	0.06%	7.73%	0.01%	0.04%	3.13%	5.3%
9	97.20%	53.82%	6.02%	0.13%	28.58%	0.38%	0.34%	2.80%	7.9%
10	96.6%	48.2%	21.2%	0.1%	17.8%	0.0%	0.2%	3.4%	9.1%
11	96.7%	61.9%	17.4%	0.0%	10.8%	0.0%	0.2%	3.3%	6.4%

Plan 2

Date Exported: 4/9/2021 12:48 PM

- Current County Board Districts
- Municipality
- Civil Townships

Districts

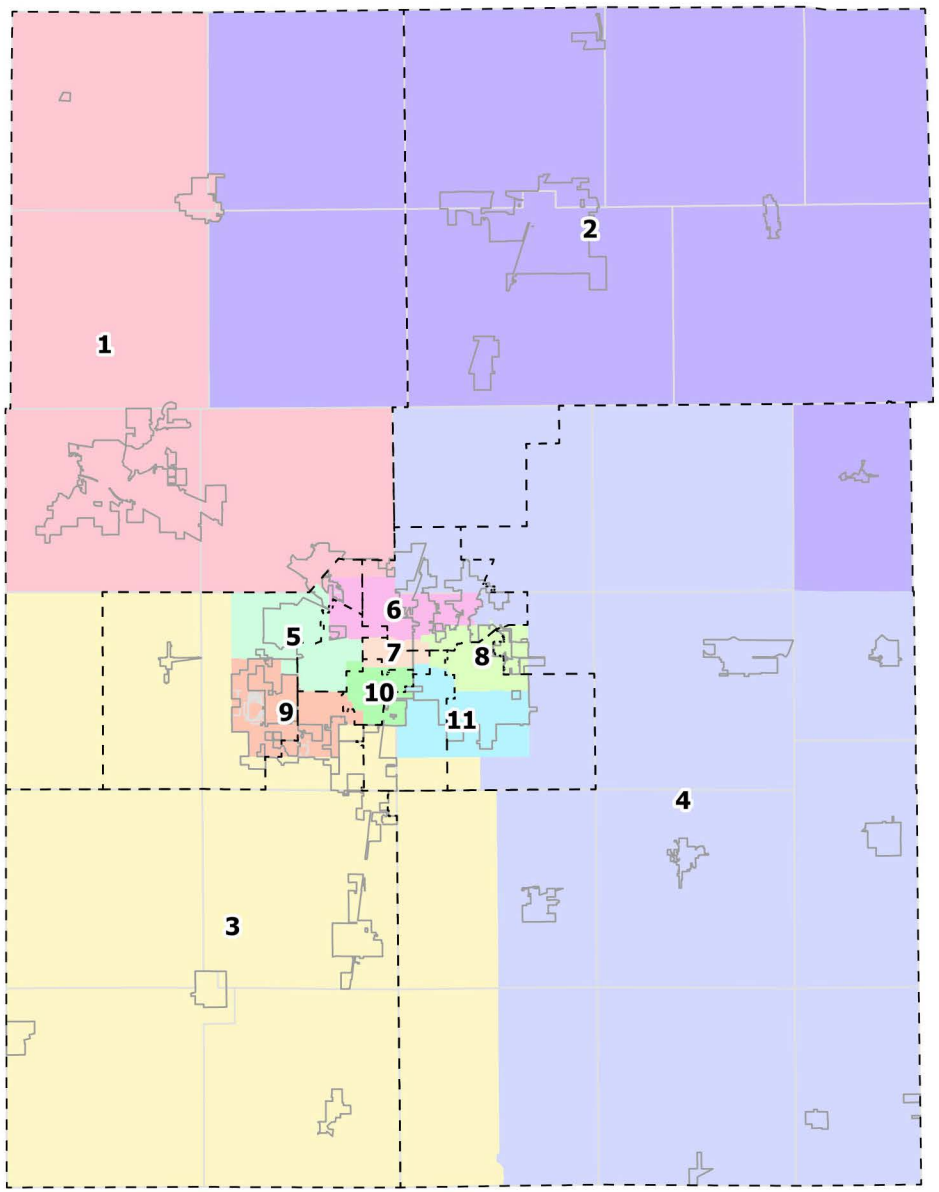
- District 1
- District 2
- District 3
- District 4
- District 5
- District 6
- District 7
- District 8
- District 9
- District 10
- District 11

N

0 2 4 Miles

CHAMPAIGN COUNTY GIS CONSORTIUM

Disclaimer: This map was created for the Champaign County Redistricting Commission for the purpose of redrawing County Board district boundaries. Information on this map is not guaranteed and should not be used for any other purpose.



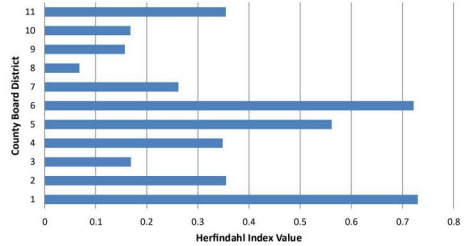
Population Summary

District	Total Population	Absolute Deviation	Deviation Percentage Variance	Age 18+ Population Percentage
1	19249	-104	-0.54%	76.80%
2	19452	99	0.51%	76.22%
3	19268	-85	-0.44%	80.70%
4	19438	85	0.44%	76.71%
5	19432	79	0.41%	78.09%
6	19279	-74	-0.38%	76.73%
7	19269	-84	-0.43%	95.28%
8	19304	-49	-0.25%	82.60%
9	19411	58	0.30%	79.13%
10	19370	17	0.09%	93.15%
11	19411	58	0.30%	89.07%

Overall Scenario Measures

Population Characteristics		Looking for
Average District Population	19,353	*19353*
Standard Deviation	80	*low*
Absolute Overall Range	203	*low*
Overall Range Ratio	1.01	*1*
Overall Range % Variance	1.05%	*Low*
Smallest Majority (%)	54.37%	*>50%*

Diversity Index



Compactness Summary

District	Polsby-Popper Score	Roeck	Ehrenburg
1	0.46	0.41	0.27
2	0.54	0.47	0.40
3	0.62	0.53	0.59
4	0.53	0.46	0.43
5	0.51	0.50	0.41
6	0.44	0.36	0.40
7	0.57	0.45	0.41
8	0.57	0.51	0.58
9	0.53	0.52	0.43
10	0.52	0.57	0.58
11	0.53	0.52	0.40

Partisan Lean

	Dem	Rep	Other
1	30.36%	64.44%	5.20%
2	35.14%	59.55%	5.31%
3	42.46%	52.40%	5.14%
4	29.22%	65.75%	5.02%
5	59.14%	35.35%	5.51%
6	71.69%	22.80%	5.51%
7	75.31%	18.19%	6.50%
8	67.17%	26.66%	6.17%
9	50.33%	45.03%	4.65%
10	64.13%	29.86%	6.02%
11	71.74%	23.07%	5.19%

Competitive Range - 45-55%, Election composite 2012-2016 https://medium.com/dra-2020/district-statistics-280ea441569b

Percent of the District **Hispanic population is separate from race categories*

	Race & Ethnicity								
District	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
1	98.2%	89.1%	3.0%	0.0%	3.1%	0.0%	0.0%	1.8%	2.9%
2	96.5%	68.7%	17.3%	0.1%	1.4%	0.0%	0.0%	3.5%	9.0%
3	97.6%	81.2%	4.4%	0.0%	9.7%	0.0%	0.0%	2.4%	2.2%
4	98.5%	88.7%	2.6%	0.1%	1.8%	0.0%	0.1%	1.5%	5.2%
5	96.5%	63.2%	18.6%	0.1%	9.2%	0.0%	0.0%	3.5%	5.4%
6	96.6%	30.3%	42.4%	0.1%	11.2%	0.0%	0.1%	3.4%	12.5%
7	97.3%	53.6%	11.0%	0.1%	24.8%	0.0%	0.2%	2.7%	7.7%
8	96.37%	55.66%	20.59%	0.03%	13.41%	0.01%	0.12%	3.63%	6.6%
9	96.92%	69.62%	8.55%	0.04%	14.61%	0.00%	0.06%	3.08%	4.0%
10	97.1%	69.9%	5.8%	0.1%	13.3%	0.2%	0.3%	2.9%	7.5%
11	97.2%	55.3%	12.3%	0.1%	22.3%	0.3%	0.3%	2.8%	6.6%

Plan 3

Date Exported: 4/9/2021 12:52 PM

- Current County Board Districts
- Municipality
- Civil Townships

Districts

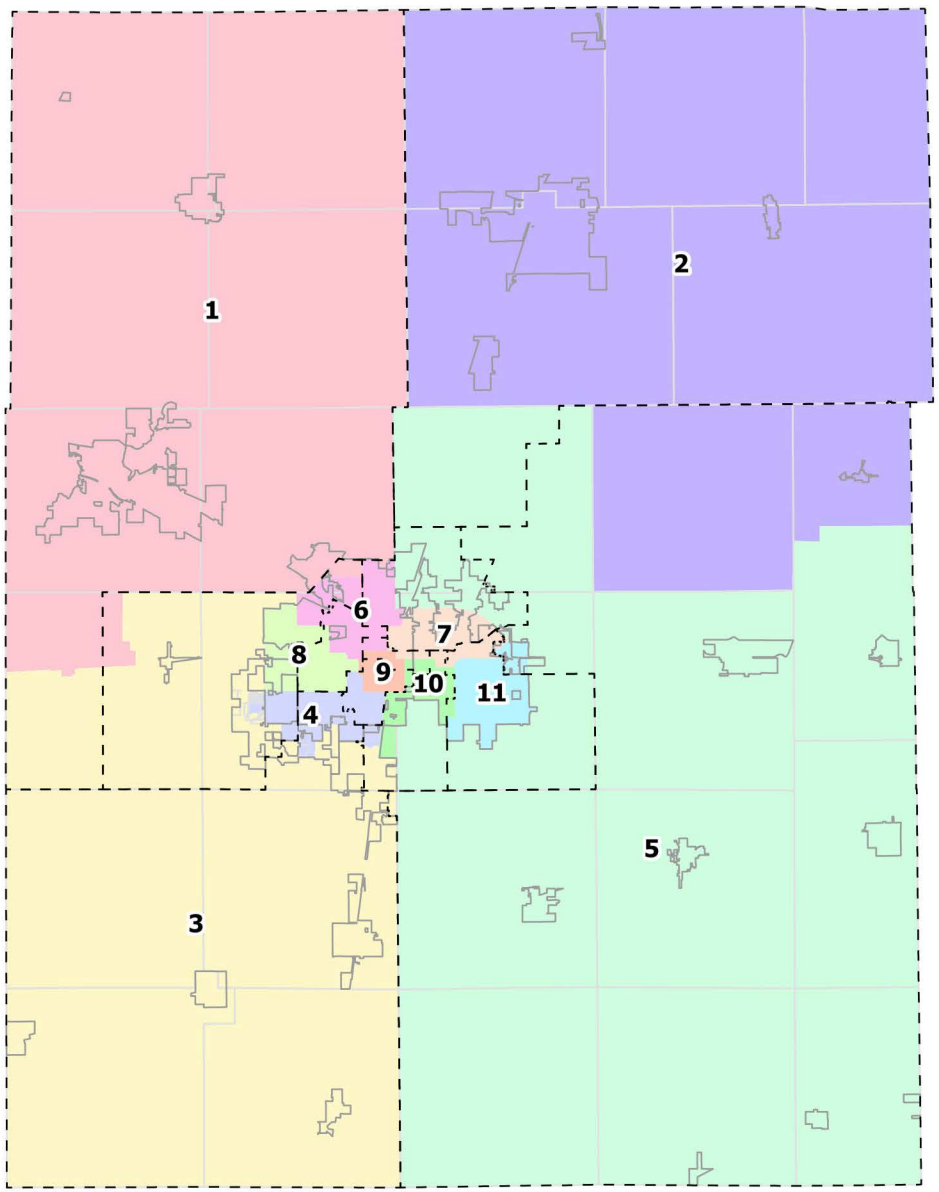
- District 1
- District 2
- District 3
- District 4
- District 5
- District 6
- District 7
- District 8
- District 9
- District 10
- District 11

N

0 2 4 Miles

CHAMPAIGN COUNTY GIS CONSORTIUM

Disclaimer: This map was created for the Champaign County Redistricting Commission for the purpose of redrawing County Board district boundaries. Information on this map is not guaranteed and should not be used for any other purpose.



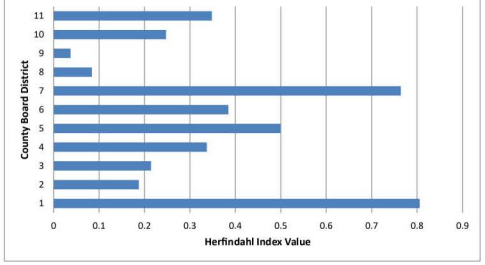
Population Summary

District	Total Population	Absolute Deviation	Deviation Percentage Variance	Age 18+ Population Percentage
1	19475	122	0.63%	76.88%
2	18980	-373	-1.93%	76.14%
3	19587	234	1.21%	79.22%
4	19433	80	0.41%	80.15%
5	19187	-166	-0.86%	77.42%
6	19510	157	0.81%	77.10%
7	19254	-99	-0.51%	88.38%
8	19380	27	0.14%	77.78%
9	19463	110	0.57%	95.82%
10	19376	23	0.12%	95.78%
11	19238	-115	-0.59%	79.65%

Overall Scenario Measures

Population Characteristics		*Looking for*
Average District Population	19,353	*19353*
Standard Deviation	174	*low*
Absolute Overall Range	607	*low*
Overall Range Ratio	1.03	*1*
Overall Range % Variance	3.14%	*Low*
Smallest Majority (%)	54.22%	*>50%*

Diversity Index



Compactness Summary

District	Polsby-Popper	Roeck	Ehrenburg
1	0.63	0.50	0.52
2	0.67	0.63	0.57
3	0.54	0.58	0.59
4	0.33	0.40	0.30
5	0.43	0.49	0.58
6	0.47	0.59	0.51
7	0.55	0.44	0.44
8	0.54	0.53	0.59
9	0.70	0.63	0.68
10	0.25	0.31	0.31
11	0.37	0.46	0.57

Partisan Lean

	Dem	Rep	Other
1	28.69%	66.10%	5.21%
2	35.59%	59.16%	5.25%
3	42.37%	52.36%	5.27%
4	51.82%	43.41%	4.77%
5	29.95%	65.02%	5.03%
6	67.83%	25.93%	6.24%
7	75.00%	19.15%	5.85%
8	58.51%	36.32%	5.17%
9	68.92%	24.89%	6.19%
10	74.97%	18.95%	6.07%
11	64.78%	30.01%	5.21%

Competitive Range - 45-55%, Election composite 2012-2016
https://medium.com/dra-2020/district-statistics-280ea441569b

Percent of the District **Hispanic population is separate from race categories*

	Race & Ethnicity								
District	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
1	98.5%	92.3%	1.7%	0.0%	1.9%	0.0%	0.0%	1.5%	2.5%
2	96.4%	68.0%	17.7%	0.1%	1.5%	0.0%	0.0%	3.6%	9.2%
3	97.4%	77.9%	4.8%	0.0%	11.7%	0.0%	0.0%	2.6%	3.0%
4	97.1%	71.5%	8.6%	0.1%	13.1%	0.0%	0.1%	2.9%	3.8%
5	98.5%	90.6%	2.4%	0.0%	1.9%	0.0%	0.1%	1.5%	3.5%
6	96.7%	42.4%	33.1%	0.1%	8.9%	0.0%	0.0%	3.3%	12.1%
7	96.7%	37.3%	25.6%	0.1%	25.6%	0.0%	0.2%	3.3%	7.9%
8	96.36%	62.20%	18.38%	0.06%	10.25%	0.03%	0.04%	3.64%	5.4%
9	97.33%	69.54%	6.09%	0.10%	12.23%	0.15%	0.29%	2.67%	8.9%
10	97.2%	54.5%	6.0%	0.1%	28.9%	0.3%	0.2%	2.8%	7.1%
11	96.6%	59.0%	22.4%	0.1%	8.7%	0.0%	0.2%	3.4%	6.3%

Plan 4

Date Exported: 4/9/2021 12:42 PM

- Current County Board Districts
- Municipality
- Civil Townships

Districts

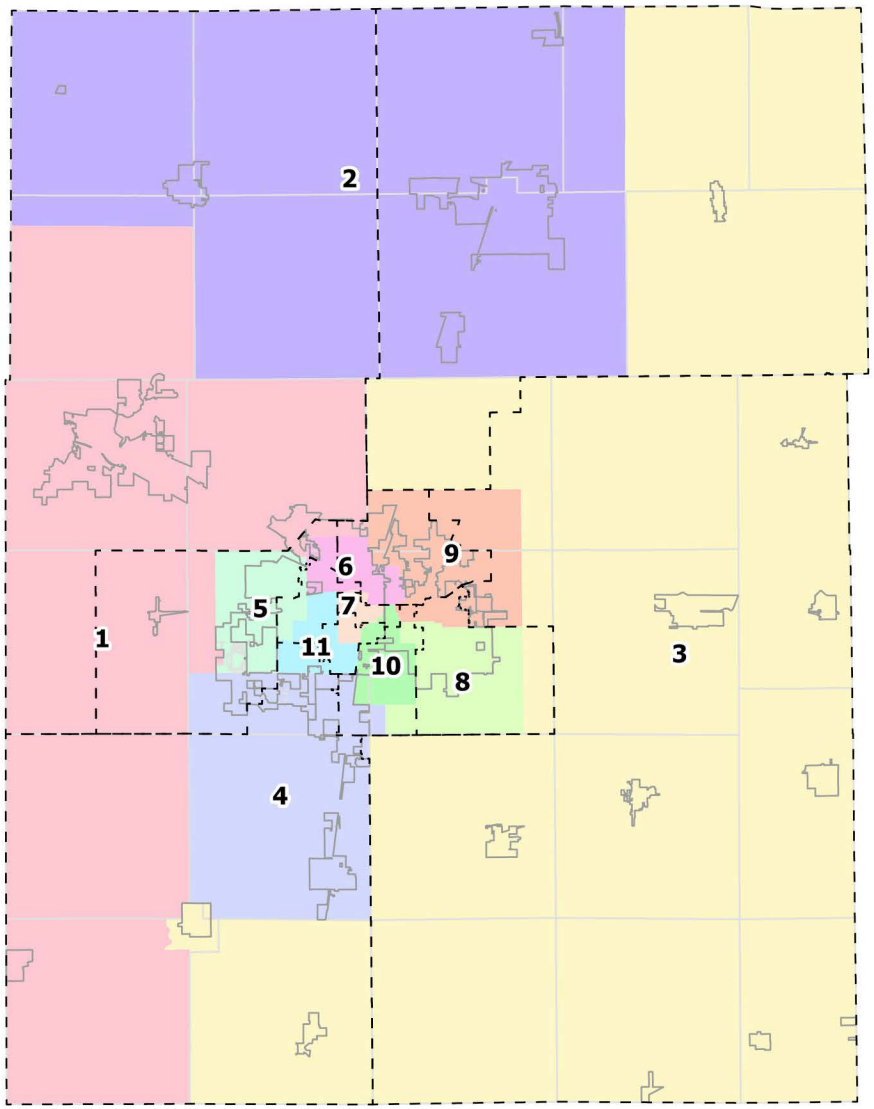
- District 1
- District 2
- District 3
- District 4
- District 5
- District 6
- District 7
- District 8
- District 9
- District 10
- District 11

N

0 2 4 Miles

CHAMPAIGN COUNTY GIS CONSORTIUM

Disclaimer: This map was created for the Champaign County Redistricting Commission for the purpose of redrawing County Board district boundaries. Information on this map is not guaranteed and should not be used for any other purpose.



Population Summary

District	Total Population	Absolute Deviation	Deviation Percentage Variance	Age 18+ Population Percentage
1	19227	-126	-0.65%	77.56%
2	19188	-165	-0.85%	75.41%
3	19395	42	0.22%	77.95%
4	19493	140	0.72%	79.62%
5	19424	71	0.37%	77.33%
6	19420	67	0.35%	76.56%
7	19220	-133	-0.69%	94.57%
8	19407	54	0.28%	81.66%
9	19392	39	0.20%	85.56%
10	19262	-91	-0.47%	98.38%
11	19455	102	0.53%	79.97%

Overall Scenario Measures

Population Characteristics		Looking for
Average District Population	19,353	19353
Standard Deviation	107	low
Absolute Overall Range	305	low
Overall Range Ratio	1.02	1
Overall Range % Variance	1.58%	Low
Smallest Majority (%)	54.34%	>50%

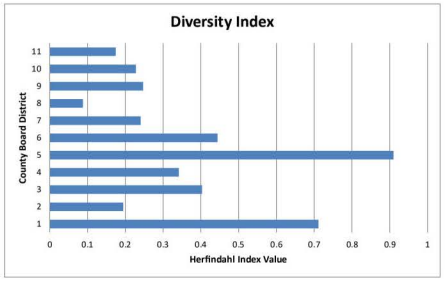
Compactness Summary

District	Polsby-Popper	Roeck	Ehrenburg
1	0.37	0.31	0.23
2	0.65	0.49	0.54
3	0.35	0.34	0.30
4	0.70	0.60	0.58
5	0.62	0.57	0.59
6	0.52	0.45	0.50
7	0.55	0.55	0.45
8	0.57	0.54	0.70
9	0.64	0.56	0.64
10	0.59	0.49	0.58
11	0.52	0.51	0.41

Partisan Lean

	Dem	Rep	Other
1	31.69%	63.06%	5.25%
2	36.07%	58.33%	5.60%
3	24.82%	70.29%	4.88%
4	47.33%	47.82%	4.85%
5	52.57%	42.59%	4.84%
6	74.89%	19.78%	5.34%
7	72.16%	21.33%	6.51%
8	68.74%	26.12%	5.14%
9	61.09%	32.72%	6.19%
10	69.87%	24.12%	6.01%
11	57.78%	36.71%	5.52%

Competitive Range - 45-55%, Election composite 2012-2016
https://medium.com/dra-2020/district-statistics-280ea441569b



Percent of the District **Hispanic population is separate from race categories*

	Race & Ethnicity								
District	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
1	98.1%	88.3%	3.2%	0.0%	3.7%	0.0%	0.0%	1.9%	2.8%
2	96.4%	68.3%	17.5%	0.1%	1.5%	0.0%	0.0%	3.6%	9.0%
3	99.0%	96.6%	0.7%	0.0%	0.4%	0.0%	0.0%	1.0%	1.4%
4	97.2%	74.8%	5.7%	0.0%	13.7%	0.0%	0.0%	2.8%	2.9%
5	96.5%	61.9%	15.7%	0.1%	13.9%	0.0%	0.1%	3.5%	4.9%
6	96.6%	26.5%	46.6%	0.1%	11.4%	0.0%	0.2%	3.4%	11.9%
7	97.2%	62.2%	8.4%	0.0%	18.4%	0.0%	0.2%	2.8%	8.0%
8	96.73%	60.85%	18.23%	0.04%	11.11%	0.04%	0.19%	3.27%	6.3%
9	96.68%	56.98%	12.54%	0.12%	17.43%	0.01%	0.10%	3.32%	9.5%
10	97.3%	56.4%	6.0%	0.1%	25.8%	0.4%	0.4%	2.7%	8.2%
11	96.9%	72.8%	11.8%	0.0%	7.5%	0.0%	0.1%	3.1%	4.8%

Plan 5

Date Exported: 4/20/2021 10:28 AM

- Current County Board Districts
- Municipality
- Civil Townships

Districts

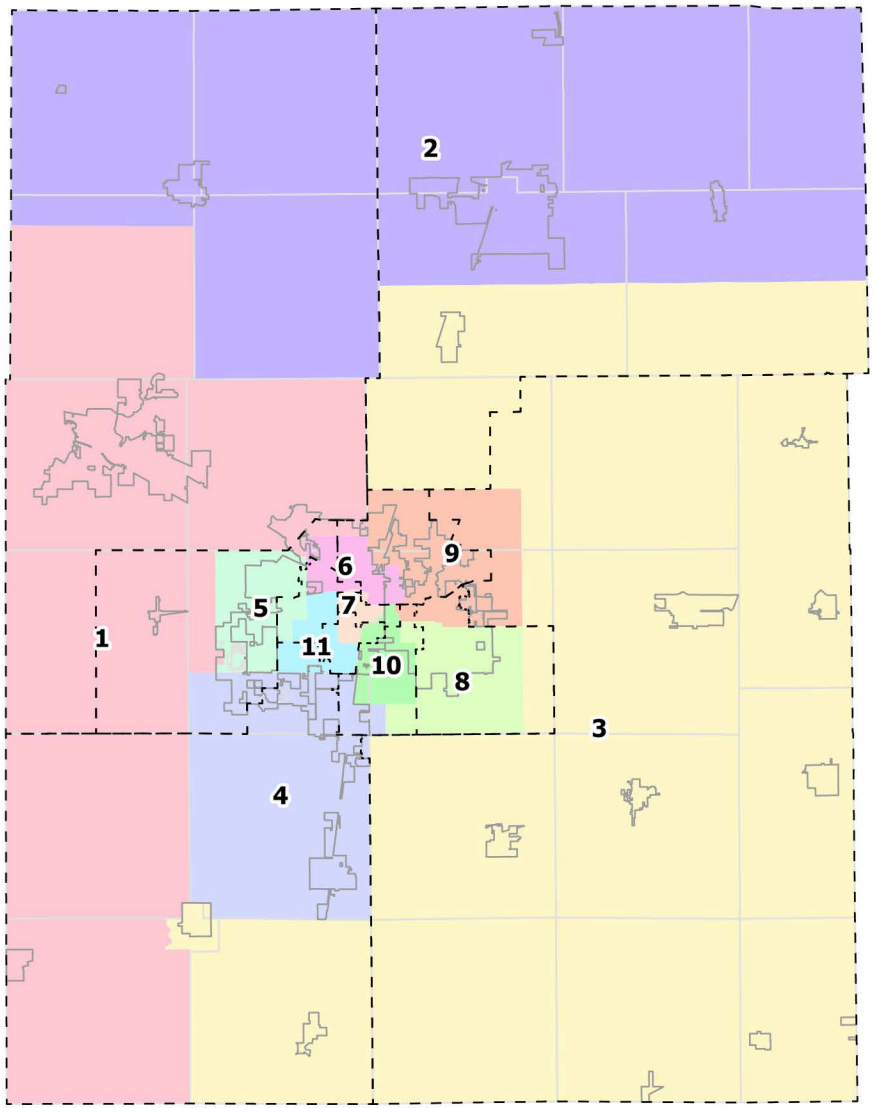
- District 1
- District 2
- District 3
- District 4
- District 5
- District 6
- District 7
- District 8
- District 9
- District 10
- District 11

N

0 2 4 Miles

CHAMPAIGN COUNTY GIS CONSORTIUM

Disclaimer: This map was created for the Champaign County Redistricting Commission for the purpose of redrawing County Board district boundaries. Information on this map is not guaranteed and should not be used for any other purpose.



Population Summary

District	Total Population	Absolute Deviation	Deviation Percentage Variance	Age 18+ Population Percentage
1	19227	-126	-0.65%	77.56%
2	19786	433	2.24%	75.57%
3	18797	-556	-2.87%	77.86%
4	19493	140	0.72%	79.62%
5	19424	71	0.37%	77.33%
6	19420	67	0.35%	76.56%
7	19220	-133	-0.69%	94.57%
8	19407	54	0.28%	81.66%
9	19392	39	0.20%	85.56%
10	19262	-91	-0.47%	98.38%
11	19455	102	0.53%	79.97%

Compactness Summary

District	Polsby-Popper	Roeck	Ehrenburg
1	0.37	0.31	0.23
2	0.51	0.38	0.27
3	0.42	0.44	0.34
4	0.70	0.60	0.58
5	0.62	0.57	0.59
6	0.52	0.45	0.50
7	0.55	0.55	0.45
8	0.57	0.54	0.70
9	0.64	0.56	0.64
10	0.59	0.49	0.58
11	0.52	0.51	0.41

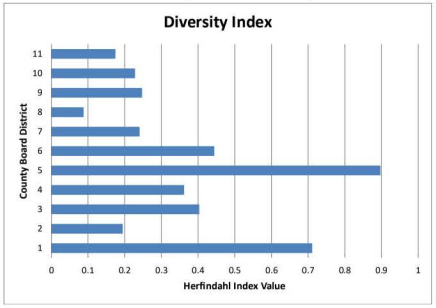
Partisan Lean

	Dem	Rep	Other
1	31.69%	63.06%	5.25%
2	34.95%	59.70%	5.35%
3	25.30%	69.63%	5.07%
4	47.33%	47.82%	4.85%
5	52.57%	42.59%	4.84%
6	74.89%	19.78%	5.34%
7	72.16%	21.33%	6.51%
8	68.74%	26.12%	5.14%
9	61.09%	32.72%	6.19%
10	69.87%	24.12%	6.01%
11	57.78%	36.71%	5.52%

Competitive Range - 45-55%, Election composite 2012-2016 https://medium.com/dra-2020/district-statistics-

Overall Scenario Measures

Population Characteristics		Looking for
Average District Population	19,353	*19353*
Standard Deviation	241	*low*
Absolute Overall Range	989	*low*
Overall Range Ratio	1.05	*1*
Overall Range % Variance	5.11%	*Low*
Smallest Majority (%)	54.16%	*>50%*



Percent of the District **Hispanic population is separate from race categories*

	Race & Ethnicity								
District	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
1	98.1%	88.3%	3.2%	0.0%	3.7%	0.0%	0.0%	1.9%	2.8%
2	96.6%	69.6%	16.8%	0.1%	1.4%	0.0%	0.0%	3.4%	8.7%
3	98.9%	96.0%	0.9%	0.0%	0.4%	0.0%	0.0%	1.1%	1.6%
4	97.2%	74.8%	5.7%	0.0%	13.7%	0.0%	0.0%	2.8%	2.9%
5	96.5%	61.9%	15.7%	0.1%	13.9%	0.0%	0.1%	3.5%	4.9%
6	96.6%	26.5%	46.6%	0.1%	11.4%	0.0%	0.2%	3.4%	11.9%
7	97.2%	62.2%	8.4%	0.0%	18.4%	0.0%	0.2%	2.8%	8.0%
8	96.73%	60.85%	18.23%	0.04%	11.11%	0.04%	0.19%	3.27%	6.3%
9	96.68%	56.98%	12.54%	0.12%	17.43%	0.01%	0.10%	3.32%	9.5%
10	97.3%	56.4%	6.0%	0.1%	25.8%	0.4%	0.4%	2.7%	8.2%
11	96.9%	72.8%	11.8%	0.0%	7.5%	0.0%	0.1%	3.1%	4.8%

Plan 5 A

Date Exported: 4/20/2021 1:55 PM

Current County Board Districts
Municipality
Civil Townships

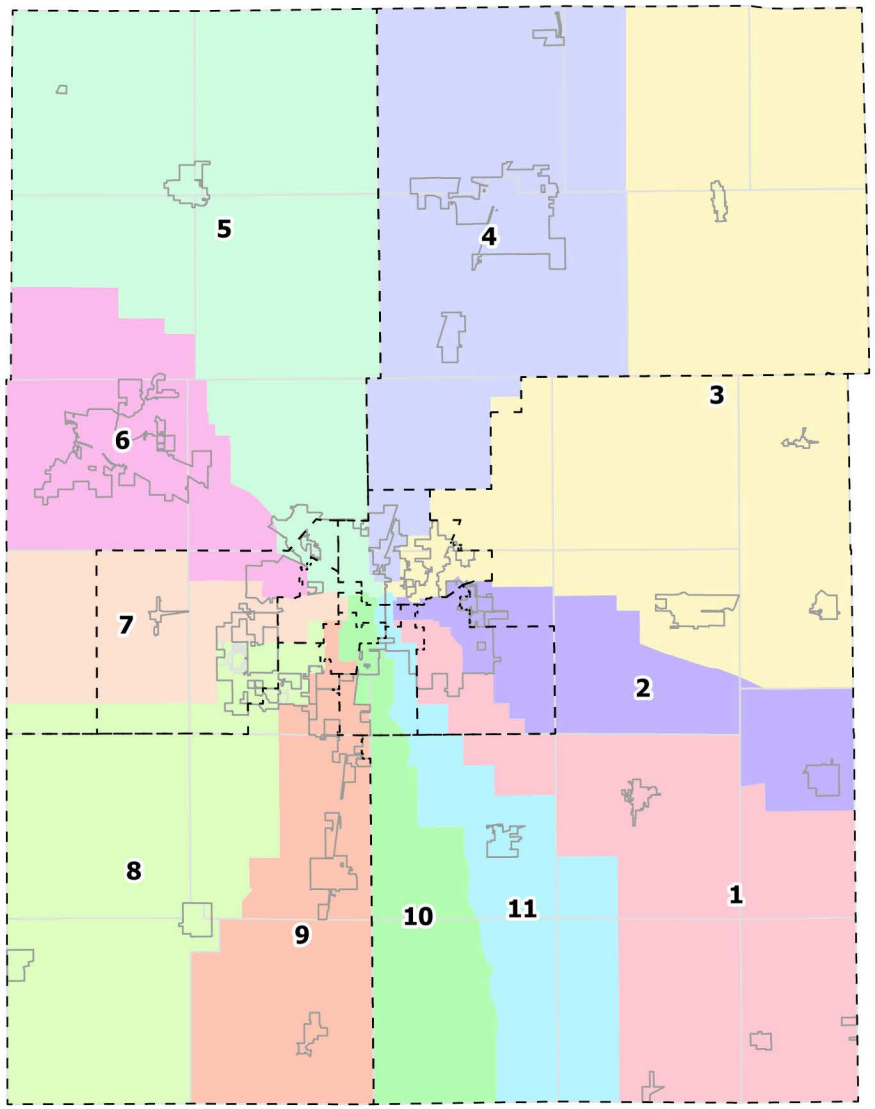
Districts
District 1
District 2
District 3
District 4
District 5
District 6
District 7
District 8
District 9
District 10
District 11

N

0 2 4 Miles

CHAMPAIGN COUNTY GIS CONSORTIUM

Disclaimer: This map was created for the Champaign County Redistricting Commission for the purpose of redrawing County Board district boundaries. Information on this map is not guaranteed and should not be used for any other purpose.



Population Summary

District	Total Population	Absolute Deviation	Deviation Percentage Variance	Age 18+ Population Percentage
1	19503	150	0.78%	84.17%
2	19481	128	0.66%	85.31%
3	19524	171	0.88%	78.46%
4	19489	136	0.70%	76.29%
5	19545	192	0.99%	76.09%
6	19459	106	0.55%	76.03%
7	19162	-191	-0.99%	80.20%
8	19204	-149	-0.77%	79.31%
9	19142	-211	-1.09%	79.96%
10	19161	-192	-0.99%	93.82%
11	19213	-140	-0.72%	95.07%

Overall Scenario Measures

Population Characteristics		Looking for
Average District Population	19,353	*19353*
Standard Deviation	172	*low*
Absolute Overall Range	403	*low*
Overall Range Ratio	1.02	*1*
Overall Range % Variance	2.08%	*Low*
Smallest Majority (%)	54.18%	*>50%*

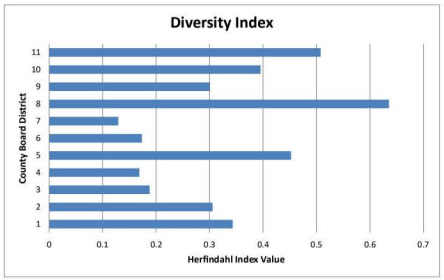
Compactness Summary

District	Polsby-Popper	Roeck	Ehrenburg
1	0.35	0.28	0.45
2	0.31	0.23	0.33
3	0.43	0.41	0.32
4	0.50	0.36	0.44
5	0.50	0.39	0.53
6	0.52	0.40	0.57
7	0.46	0.36	0.49
8	0.47	0.37	0.49
9	0.39	0.28	0.44
10	0.28	0.18	0.30
11	0.26	0.19	0.31

Partisan Lean

	Dem	Rep	Other
1	63.23%	31.47%	5.31%
2	61.70%	32.16%	6.14%
3	35.14%	60.03%	4.83%
4	46.08%	48.36%	5.57%
5	53.70%	40.79%	5.51%
6	35.45%	59.37%	5.18%
7	59.92%	34.37%	5.71%
8	49.17%	46.19%	4.65%
9	47.47%	47.49%	5.04%
10	68.47%	25.19%	6.34%
11	63.74%	30.42%	5.84%

Competitive Range - 45-55%, Election composite 2012-2016
https://medium.com/dra-2020/district-statistics-280ea441569b



Percent of the District **Hispanic population is separate from race categories*

	Race & Ethnicity								
District	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
1	97.2%	69.2%	11.7%	0.0%	10.6%	0.1%	0.1%	2.8%	5.5%
2	97.0%	55.4%	15.9%	0.0%	19.9%	0.0%	0.1%	3.0%	5.7%
3	97.9%	75.6%	10.4%	0.1%	4.5%	0.0%	0.1%	2.1%	7.1%
4	96.0%	55.7%	22.2%	0.1%	5.1%	0.0%	0.1%	4.0%	12.8%
5	97.0%	46.2%	34.5%	0.1%	7.9%	0.0%	0.0%	3.0%	8.2%
6	97.8%	84.9%	5.2%	0.0%	4.3%	0.0%	0.0%	2.2%	3.4%
7	96.7%	66.1%	16.4%	0.1%	9.1%	0.0%	0.0%	3.3%	5.1%
8	97.09%	72.20%	7.99%	0.04%	12.85%	0.00%	0.04%	2.91%	4.0%
9	97.44%	78.41%	5.50%	0.04%	10.70%	0.00%	0.06%	2.56%	2.7%
10	97.2%	66.9%	8.9%	0.1%	12.2%	0.1%	0.3%	2.8%	8.6%
11	97.4%	55.0%	7.6%	0.1%	27.9%	0.2%	0.2%	2.6%	6.5%

Plan 6

Date Exported: 4/20/2021 1:55 PM

- Current County Board Districts
- Municipality
- Civil Townships

Districts

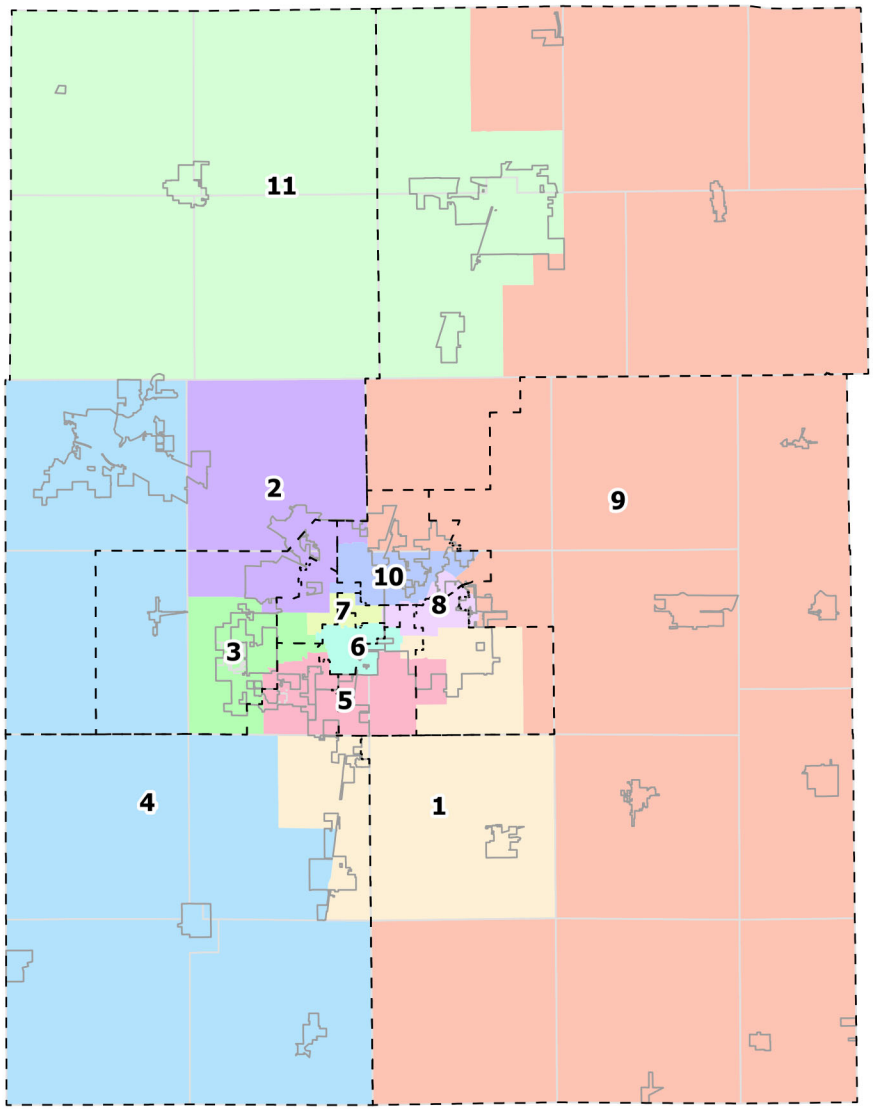
- District 1
- District 2
- District 3
- District 4
- District 5
- District 6
- District 7
- District 8
- District 9
- District 10
- District 11

N

0 2 4 Miles

CHAMPAIGN COUNTY GIS CONSORTIUM

Disclaimer: This map was created for the Champaign County Redistricting Commission for the purpose of redrawing County Board district boundaries. Information on this map is not guaranteed and should not be used for any other purpose.



Population Summary

District	Total Population	Absolute Deviation	Deviation Percentage Variance	Age 18+ Population Percentage
1	19655	302	1.56%	79.34%
2	19657	304	1.57%	76.15%
3	18711	-642	-3.32%	78.37%
4	18817	-536	-2.77%	77.71%
5	19135	-218	-1.13%	80.07%
6	19725	372	1.92%	93.73%
7	19391	38	0.20%	93.15%
8	22170	2817	14.56%	90.38%
9	19608	255	1.32%	78.51%
10	16744	-2609	-13.48%	79.81%
11	19270	-83	-0.43%	75.34%

Overall Scenario Measures

Population Characteristics		Looking for
Average District Population	19,353	*19353*
Standard Deviation	1260	*low*
Absolute Overall Range	5426	*low*
Overall Range Ratio	1.32	*1*
Overall Range % Variance	28.04%	*Low*
Smallest Majority (%)	52.64%	*>50%*

Compactness Summary

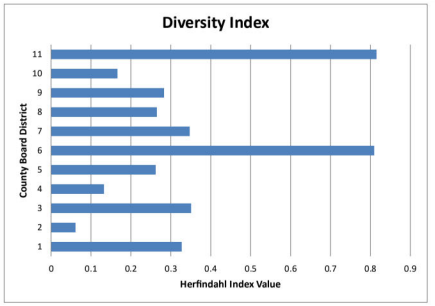
District	Polsby-Popper	Roeck	Ehrenburg
1	0.44	0.57	0.52
2	0.70	0.62	0.66
3	0.51	0.54	0.46
4	0.49	0.36	0.43
5	0.42	0.40	0.35
6	0.48	0.53	0.54
7	0.34	0.32	0.33
8	0.46	0.45	0.45
9	0.37	0.37	0.27
10	0.41	0.31	0.38
11	0.69	0.62	0.58

Partisan Lean

	Dem	Rep	Other
1	56.13%	38.73%	5.13%
2	58.49%	35.94%	5.57%
3	52.86%	42.23%	4.91%
4	29.49%	65.10%	5.41%
5	54.53%	40.90%	4.57%
6	66.02%	27.98%	6.00%
7	70.64%	23.24%	6.13%
8	69.88%	23.71%	6.41%
9	26.58%	68.58%	4.84%
10	73.52%	21.04%	5.45%
11	35.96%	58.54%	5.50%

Competitive Range - 45-55%, Election composite 2012-2016 https://medium.com/dra-2020/district-statistics-280ea441569b

Diversity Index



Percent of the District

**Hispanic population is separate from race categories*

	Race & Ethnicity									
District	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
1	97.2%	67.8%	16.3%	0.0%	8.1%	0.0%	0.1%	2.8%	4.9%
2	96.4%	50.0%	28.7%	0.1%	10.4%	0.0%	0.1%	3.6%	7.1%
3	96.6%	63.6%	14.8%	0.1%	12.9%	0.0%	0.0%	3.4%	5.2%
4	98.2%	92.5%	1.4%	0.0%	2.0%	0.0%	0.0%	1.8%	2.3%
5	97.0%	68.8%	7.8%	0.0%	17.0%	0.0%	0.1%	3.0%	3.3%
6	97.1%	63.5%	7.0%	0.1%	18.3%	0.3%	0.3%	2.9%	7.7%
7	97.3%	64.9%	7.3%	0.1%	17.1%	0.0%	0.1%	2.7%	7.8%
8	96.74%	54.85%	9.53%	0.10%	23.87%	0.07%	0.09%	3.26%	8.2%
9	98.79%	92.74%	2.79%	0.01%	0.99%	0.00%	0.01%	1.21%	2.2%
10	96.8%	36.1%	37.0%	0.1%	10.7%	0.0%	0.2%	3.2%	12.6%
11	96.4%	68.9%	17.3%	0.1%	1.4%	0.0%	0.0%	3.6%	8.7%

Plan 7 bjg map v2

Date Exported: 4/29/2021 9:30 AM

Current County Board Districts

Municipality

Civil Townships

Districts

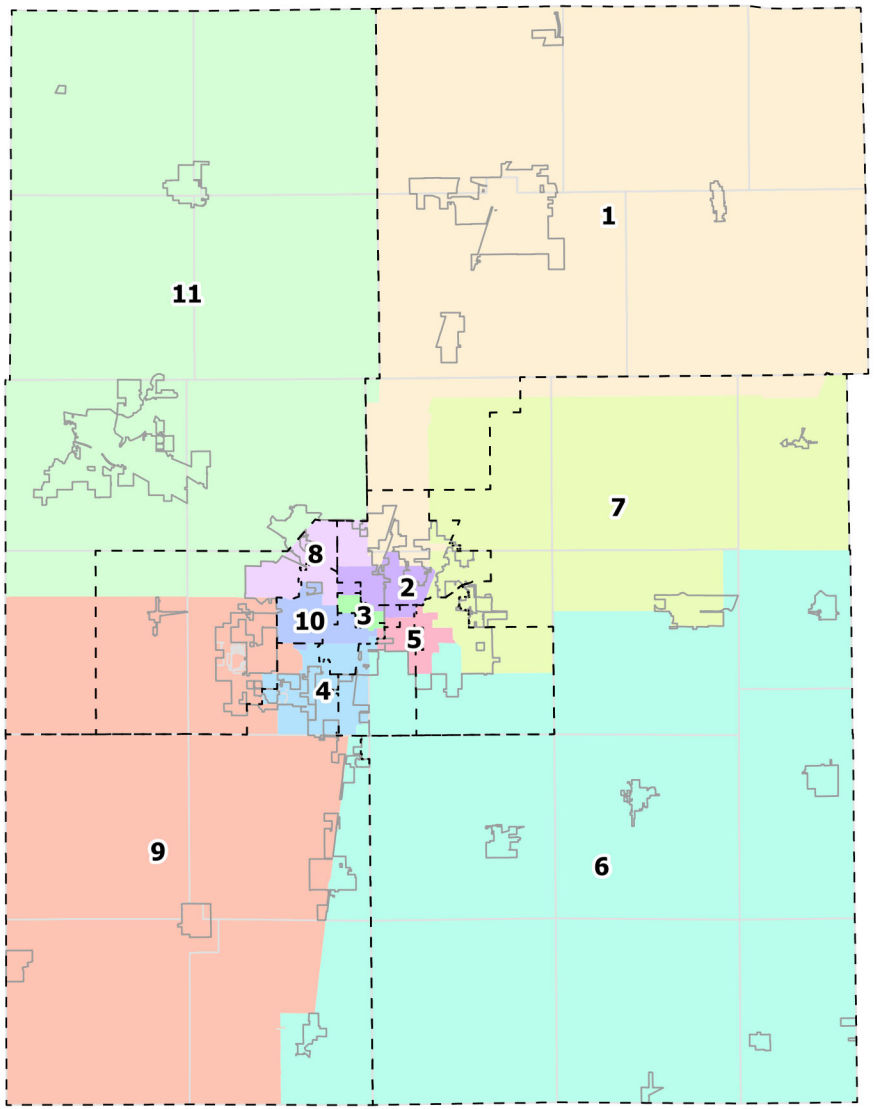
1
2
3
4
5
6
7
8
9
10
11

N

0 2 4 Miles

CHAMPAIGN COUNTY GIS CONSORTIUM

Disclaimer: This map was created for the Champaign County Redistricting Commission for the purpose of redrawing County Board district boundaries. Information on this map is not guaranteed and should not be used for any other purpose.



Population Summary

District	Total Population	Absolute Deviation	Deviation Percentage Variance	Age 18+ Population Percentage
1	19089	-264	-1.36%	76.04%
2	19654	301	1.56%	86.73%
3	20012	659	3.41%	97.21%
4	18213	-1140	-5.89%	80.06%
5	19415	62	0.32%	89.55%
6	20102	749	3.87%	80.10%
7	20340	987	5.10%	76.60%
8	18476	-877	-4.53%	75.76%
9	18243	-1110	-5.74%	79.41%
10	20240	887	4.58%	85.15%
11	19099	-254	-1.31%	76.71%

Overall Scenario Measures

Population Characteristics		*Looking for*
Average District Population	19,353	*19353*
Standard Deviation	793	*low*
Absolute Overall Range	2127	*low*
Overall Range Ratio	1.12	*1*
Overall Range % Variance	10.99%	*Low*
Smallest Majority (%)	52.86%	*>50%*

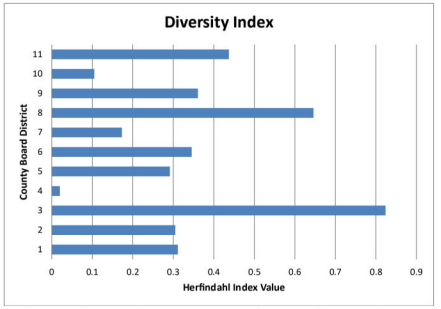
Compactness Summary

District	Polsby-Popper	Roeck	Ehrenburg
1	0.53	0.46	0.60
2	0.52	0.50	0.46
3	0.44	0.38	0.30
4	0.52	0.53	0.58
5	0.39	0.56	0.35
6	0.56	0.51	0.61
7	0.47	0.48	0.40
8	0.38	0.38	0.30
9	0.61	0.59	0.54
10	0.40	0.42	0.45
11	0.72	0.55	0.52

Partisan Lean

	Dem	Rep	Other
1	37.54%	57.05%	5.41%
2	79.57%	14.32%	6.11%
3	68.71%	24.74%	6.55%
4	53.44%	41.63%	4.93%
5	74.81%	19.50%	5.69%
6	39.46%	55.39%	5.15%
7	43.40%	51.57%	5.03%
8	60.51%	33.97%	5.51%
9	44.72%	50.25%	5.03%
10	65.01%	29.37%	5.62%
11	28.45%	66.39%	5.16%

Election composite 2012-2016
https://medium.com/dra-2020/district-statistics-280ea441569b



Percent of the District **Hispanic population is separate from race categories*

	Race & Ethnicity								
District	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
1	96.2%	66.3%	18.1%	0.1%	1.8%	0.0%	0.0%	3.8%	9.9%
2	97.0%	32.5%	29.6%	0.0%	24.7%	0.0%	0.2%	3.0%	10.1%
3	97.5%	65.4%	6.2%	0.1%	17.0%	0.0%	0.2%	2.5%	8.6%
4	97.0%	68.8%	8.2%	0.0%	16.3%	0.0%	0.1%	3.0%	3.6%
5	96.8%	55.7%	10.9%	0.0%	22.7%	0.3%	0.2%	3.2%	7.0%
6	98.4%	85.3%	6.1%	0.1%	4.4%	0.0%	0.1%	1.6%	2.4%
7	97.2%	70.1%	14.2%	0.1%	5.2%	0.0%	0.1%	2.8%	7.5%
8	96.25%	46.53%	30.22%	0.07%	11.59%	0.03%	0.05%	3.75%	7.8%
9	97.07%	74.66%	7.74%	0.03%	11.02%	0.00%	0.04%	2.93%	3.6%
10	96.7%	66.7%	14.2%	0.1%	8.8%	0.1%	0.2%	3.3%	6.5%
11	98.5%	93.1%	1.3%	0.0%	1.7%	0.0%	0.0%	1.5%	2.3%

Plan 8 bjg map champ 2

Date Exported: 4/29/2021 9:30 AM

Current County Board Districts
Municipality
Civil Townships

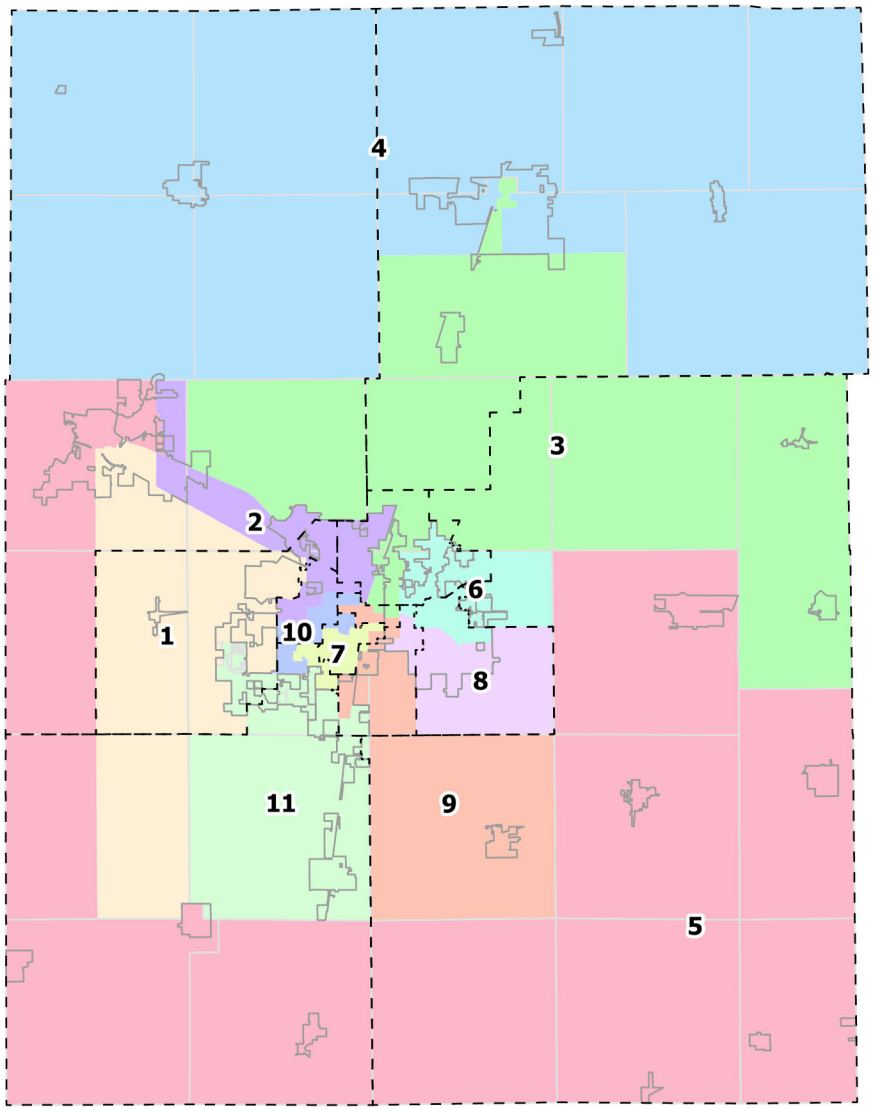
Districts
1
2
3
4
5
6
7
8
9
10
11

N

0 2 4 Miles

CHAMPAIGN COUNTY GIS CONSORTIUM

Disclaimer: This map was created for the Champaign County Redistricting Commission for the purpose of redrawing County Board district boundaries. Information on this map is not guaranteed and should not be used for any other purpose.



Population Summary

District	Total Population	Absolute Deviation	Deviation Percentage Variance	Age 18+ Population Percentage
1	17622	-1731	-8.94%	78.31%
2	21076	1723	8.90%	76.46%
3	19871	518	2.68%	84.83%
4	17765	-1588	-8.21%	77.33%
5	20579	1226	6.33%	76.32%
6	20403	1050	5.43%	80.50%
7	16692	-2661	-13.75%	89.68%
8	20085	732	3.78%	86.93%
9	22214	2861	14.78%	94.56%
10	17702	-1651	-8.53%	81.12%
11	18874	-479	-2.48%	77.37%

Overall Scenario Measures

Population Characteristics		Looking for
Average District Population	19,353	*19353*
Standard Deviation	1735	*low*
Absolute Overall Range	5522	*low*
Overall Range Ratio	1.33	*1*
Overall Range % Variance	28.53%	*Low*
Smallest Majority (%)	50.98%	*>50%*

Compactness Summary

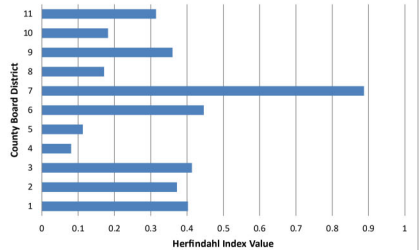
District	Polsby-Popper	Roeck	Ehrenburg
1	0.33	0.32	0.32
2	0.16	0.20	0.21
3	0.25	0.36	0.34
4	0.43	0.42	0.38
5	0.23	0.31	0.24
6	0.39	0.55	0.45
7	0.28	0.37	0.42
8	0.50	0.50	0.47
9	0.34	0.36	0.66
10	0.21	0.28	0.17
11	0.45	0.52	0.63

Partisan Lean

	Dem	Rep	Other
1	44.55%	50.66%	4.79%
2	61.44%	32.49%	6.07%
3	53.40%	41.36%	5.24%
4	32.43%	62.50%	5.07%
5	26.96%	67.88%	5.16%
6	61.92%	32.10%	5.98%
7	57.88%	36.46%	5.66%
8	70.61%	24.27%	5.12%
9	63.86%	30.18%	5.96%
10	63.42%	30.99%	5.59%
11	45.54%	49.39%	5.08%

Election composite 2012-2016
https://medium.com/dra-2020/district-statistics-280ea441569b

Diversity Index



Percent of the District

**Hispanic population is separate from race categories*

	Race & Ethnicity								
District	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
1	97.1%	72.7%	10.5%	0.0%	9.7%	0.0%	0.0%	2.9%	4.1%
2	96.6%	42.5%	32.5%	0.1%	10.0%	0.0%	0.0%	3.4%	11.5%
3	97.0%	49.2%	22.4%	0.1%	19.5%	0.0%	0.1%	3.0%	5.7%
4	97.0%	74.8%	13.6%	0.1%	1.4%	0.0%	0.0%	3.0%	7.1%
5	98.8%	95.7%	0.4%	0.0%	0.9%	0.0%	0.0%	1.2%	1.9%
6	96.5%	56.4%	19.5%	0.1%	10.9%	0.0%	0.2%	3.5%	9.4%
7	97.2%	70.1%	6.9%	0.1%	13.6%	0.0%	0.1%	2.8%	6.3%
8	96.94%	57.03%	13.43%	0.03%	19.46%	0.16%	0.26%	3.06%	6.6%
9	97.40%	66.94%	5.72%	0.13%	16.77%	0.19%	0.27%	2.60%	7.4%
10	96.9%	70.8%	14.2%	0.0%	6.1%	0.0%	0.0%	3.1%	5.8%
11	97.1%	72.9%	5.8%	0.0%	15.1%	0.0%	0.0%	2.9%	3.2%

Plan 9 ww_20210428

Date Exported: 4/29/2021 9:36 AM

- Current County Board Districts
- Municipality
- Civil Townships

Districts

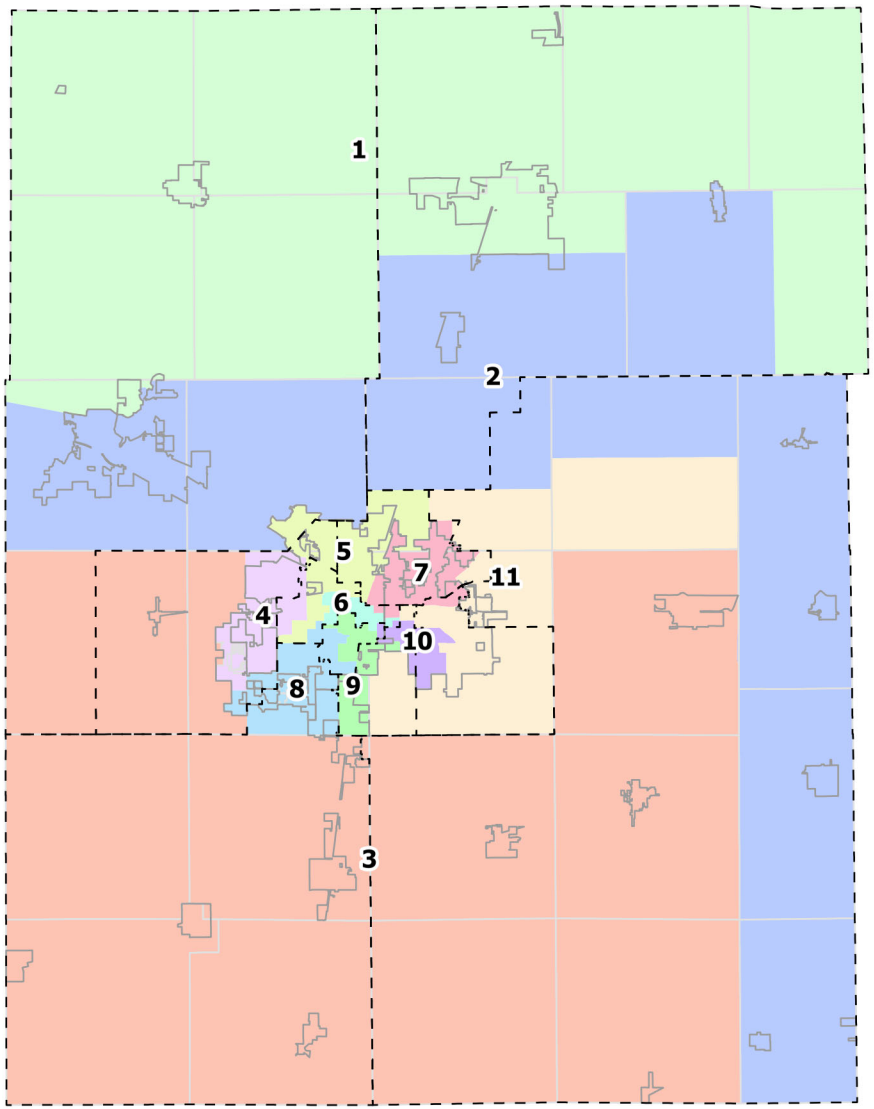
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

N

0 2 4 Miles

CHAMPAIGN COUNTY GIS CONSORTIUM

Disclaimer: This map was created for the Champaign County Redistricting Commission for the purpose of redrawing County Board district boundaries. Information on this map is not guaranteed and should not be used for any other purpose.



Population Summary

District	Total Population	Absolute Deviation	Deviation Percentage Variance	Age 18+ Population Percentage
1	20432	1079	5.58%	75.29%
2	20788	1435	7.41%	78.03%
3	21607	2254	11.65%	78.08%
4	18772	-581	-3.00%	77.70%
5	21271	1918	9.91%	76.06%
6	19727	374	1.93%	95.17%
7	18700	-653	-3.37%	86.57%
8	16849	-2504	-12.94%	80.18%
9	17874	-1479	-7.64%	87.41%
10	17428	-1925	-9.95%	89.19%
11	19435	82	0.42%	83.12%

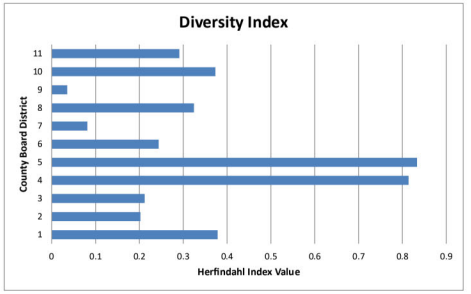
Overall Scenario Measures

Population Characteristics		Looking for
Average District Population	19,353	*19353*
Standard Deviation	1583	*low*
Absolute Overall Range	4758	*low*
Overall Range Ratio	1.28	*1*
Overall Range % Variance	24.59%	*Low*
Smallest Majority (%)	51.23%	*>50%*

Compactness Summary

District	Polsby-Popper	Roeck	Ehrenburg
1	0.38	0.38	0.41
2	0.20	0.23	0.17
3	0.47	0.52	0.32
4	0.40	0.43	0.37
5	0.16	0.29	0.32
6	0.22	0.27	0.22
7	0.24	0.49	0.37
8	0.42	0.51	0.48
9	0.21	0.31	0.19
10	0.33	0.44	0.31
11	0.23	0.29	0.19

Diversity Index



Partisan Lean (>50%)

	Dem	Rep	Other
1	35.45%	59.21%	5.34%
2	27.76%	67.10%	5.13%
3	29.49%	65.25%	5.26%
4	52.48%	42.68%	4.84%
5	64.32%	29.50%	6.18%
6	69.77%	24.01%	6.22%
7	70.67%	23.97%	5.36%
8	53.15%	42.20%	4.65%
9	63.29%	30.79%	5.92%
10	71.75%	23.05%	5.20%
11	63.14%	31.01%	5.85%

Competitive Range - 45-55%, Election composite 2012-2016
https://medium.com/dra-2020/district-statistics-280ea441569b

Percent of the District **Hispanic population is separate from race categories*

	Race & Ethnicity								
District	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
1	96.7%	70.7%	16.2%	0.1%	1.4%	0.0%	0.0%	3.3%	8.2%
2	98.4%	92.7%	1.6%	0.0%	1.5%	0.0%	0.0%	1.6%	2.6%
3	98.5%	93.5%	1.4%	0.0%	1.8%	0.0%	0.0%	1.5%	1.8%
4	96.5%	62.1%	15.3%	0.1%	14.1%	0.0%	0.1%	3.5%	4.8%
5	96.6%	41.5%	33.8%	0.1%	9.1%	0.0%	0.0%	3.4%	12.0%
6	97.6%	67.8%	6.3%	0.1%	15.0%	0.0%	0.2%	2.4%	8.2%
7	96.6%	38.7%	24.2%	0.1%	24.2%	0.0%	0.2%	3.4%	9.1%
8	97.09%	70.89%	9.37%	0.05%	12.67%	0.00%	0.07%	2.91%	4.1%
9	96.80%	65.58%	8.02%	0.09%	16.26%	0.18%	0.23%	3.20%	6.4%
10	96.8%	58.4%	10.2%	0.1%	21.0%	0.2%	0.2%	3.2%	6.7%
11	97.0%	59.3%	19.5%	0.0%	12.3%	0.0%	0.1%	3.0%	5.7%

Plan 10ww 20210429 v2

Date Exported: 4/29/2021 9:48 AM

Current County Board Districts
Municipality
Civil Townships

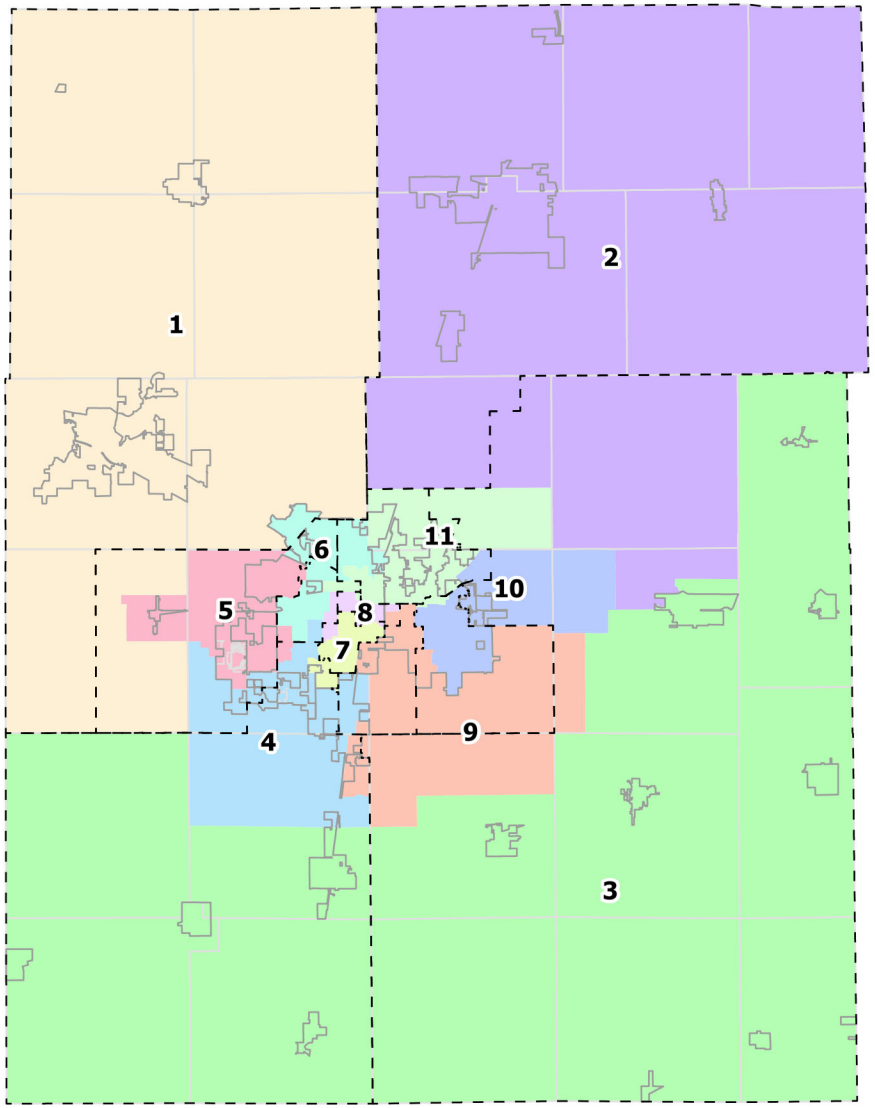
Districts
1
2
3
4
5
6
7
8
9
10
11

N

0 2 4 Miles

CHAMPAIGN COUNTY GIS CONSORTIUM

Disclaimer: This map was created for the Champaign County Redistricting Commission for the purpose of redrawing County Board district boundaries. Information on this map is not guaranteed and should not be used for any other purpose.

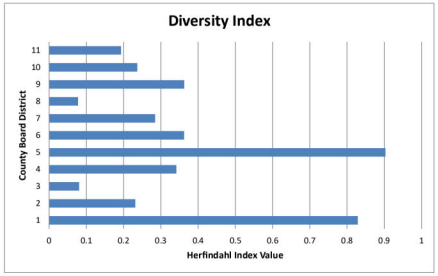


Population Summary

District	Total Population	Absolute Deviation	Deviation Percentage Variance	Age 18+ Population Percentage
1	19512	159	0.82%	77.02%
2	19568	215	1.11%	76.14%
3	19970	617	3.19%	77.92%
4	17471	-1882	-9.72%	79.59%
5	18901	-452	-2.34%	76.67%
6	19280	-73	-0.38%	76.98%
7	19293	-60	-0.31%	91.42%
8	20504	1151	5.95%	95.26%
9	20825	1472	7.61%	91.41%
10	19972	619	3.20%	80.16%
11	17587	-1766	-9.13%	80.13%

Overall Scenario Measures

Population Characteristics		*Looking for*
Average District Population	19,353	*19353*
Standard Deviation	1058	*low*
Absolute Overall Range	3354	*low*
Overall Range Ratio	1.19	*1*
Overall Range % Variance	17.33%	*Low*
Smallest Majority (%)	52.63%	*>50%*



Compactness Summary

District	Polsby-Popper	Roeck	Ehrenburg
1	0.49	0.43	0.47
2	0.60	0.62	0.60
3	0.38	0.35	0.29
4	0.34	0.51	0.59
5	0.41	0.50	0.43
6	0.22	0.43	0.31
7	0.34	0.42	0.36
8	0.23	0.26	0.19
9	0.36	0.52	0.30
10	0.42	0.42	0.32
11	0.34	0.34	0.41

Partisan Lean

	Dem	Rep	Other
1	28.33%	66.46%	5.22%
2	35.99%	58.70%	5.31%
3	26.57%	68.26%	5.17%
4	52.59%	42.70%	4.71%
5	50.70%	44.44%	4.86%
6	63.87%	30.03%	6.11%
7	62.33%	31.87%	5.80%
8	70.70%	23.07%	6.23%
9	72.51%	21.73%	5.76%
10	63.56%	30.99%	5.45%
11	68.65%	26.07%	5.28%

Competitive Range - 45-55%, Election composite 2012-2016
https://medium.com/dra-2020/district-statistics-280ea441569b

Percent of the District **Hispanic population is separate from race categories*

	Race & Ethnicity								
District	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
1	98.5%	93.3%	1.2%	0.0%	1.6%	0.0%	0.0%	1.5%	2.3%
2	96.3%	68.3%	17.5%	0.1%	1.5%	0.0%	0.0%	3.7%	9.0%
3	98.8%	96.3%	0.6%	0.0%	0.6%	0.0%	0.0%	1.2%	1.4%
4	96.9%	70.1%	8.8%	0.0%	14.2%	0.0%	0.0%	3.1%	3.8%
5	96.7%	65.2%	13.4%	0.0%	13.1%	0.0%	0.0%	3.3%	4.9%
6	96.4%	43.6%	30.2%	0.1%	11.4%	0.0%	0.1%	3.6%	11.0%
7	97.1%	70.4%	6.5%	0.1%	12.5%	0.1%	0.2%	2.9%	7.2%
8	97.34%	60.32%	6.22%	0.06%	23.16%	0.00%	0.16%	2.66%	7.4%
9	97.19%	55.55%	7.44%	0.05%	27.55%	0.25%	0.24%	2.81%	6.1%
10	96.7%	60.4%	21.6%	0.0%	8.2%	0.0%	0.1%	3.3%	6.2%
11	96.6%	39.9%	35.9%	0.2%	9.8%	0.0%	0.2%	3.4%	10.7%

Plan 11 Equity Map

Date Exported: 4/29/2021 9:48 AM

- Current County Board Districts
- Municipality
- Civil Townships

Districts

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

N

0 2 4 Miles

CHAMPAIGN COUNTY GIS CONSORTIUM

Disclaimer: This map was created for the Champaign County Redistricting Commission for the purpose of redrawing County Board district boundaries. Information on this map is not guaranteed and should not be used for any other purpose.