

Initial Proposed U.S. Congressional Districts from Ohio Following Redistricting After the 2020 U.S. Census

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Preface:

I would first like to begin by expressing my extreme disappointment in the Ohio Redistricting Commission. As a young person, I was extremely eager to vote in support of the 2018 Constitutional Amendment that was designed to prevent gerrymandering of U.S. Congressional Districts in one of my first elections. I have paid close attention to the redistricting process as I eagerly awaited the commission to draw fair General Assembly Districts. I truly believed that what I voted for in 2018 (and what my fellow Ohioans voted for in 2015 before I could vote myself) would create a process that would yield maps that accurately represented the state of Ohio. Wow, was I wrong. The majority party members on the commission, save maybe some half-hearted misgivings immediately prior to voting in favor of the horrendous General Assembly maps from Auditor Faber and Secretary LaRose, have expressed no interest in actually working to create maps that comply with the letter AND intent of the redistricting reforms of 2015 and 2018. Watching that process motivated me, motivated me to do something about it. I tried to come up with better maps myself, but, alas, I am but one person with a fulltime job. I didn't have the time or resources to dig into all of the requirements of the General Assembly redistricting process and put together a proposal before the new maps were adopted, but I tried. I have spent evenings and weekends since tweaking my proposal for Ohio's Congressional Districts to ensure I have all of my ducks (pardon the current OH-4 district pun) in a line. The fact that I, by myself, with only a laptop computer and an old mouse, have been able to put together a rough proposal that goes above and beyond the requirements of the Ohio constitution while staying within a 5% population variance AND a fine-tuned proposal that still complies with the all but one requirement of the Ohio Constitution (as noted regarding District 4 in the proposal that can easily be fixed using my suggestions and a little bit more time that I simply do not have) with essentially zero population variance goes to show that the argument made by the majority members of the commission that they have not had enough time to draw maps due to the 2020 U.S. Census delay is preposterous, given the fact that they have infinitely more people and resources to dedicate to this process than one person with a computer and no money. With that, I would ask that the commission simply adopt this proposed map and Venmo (@Andrew-Green-59) me the entirety of the majority party's budget for Congressional Redistricting because that is a better use of the Ohio taxpayers' money than wherever it is currently going.

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Summary:

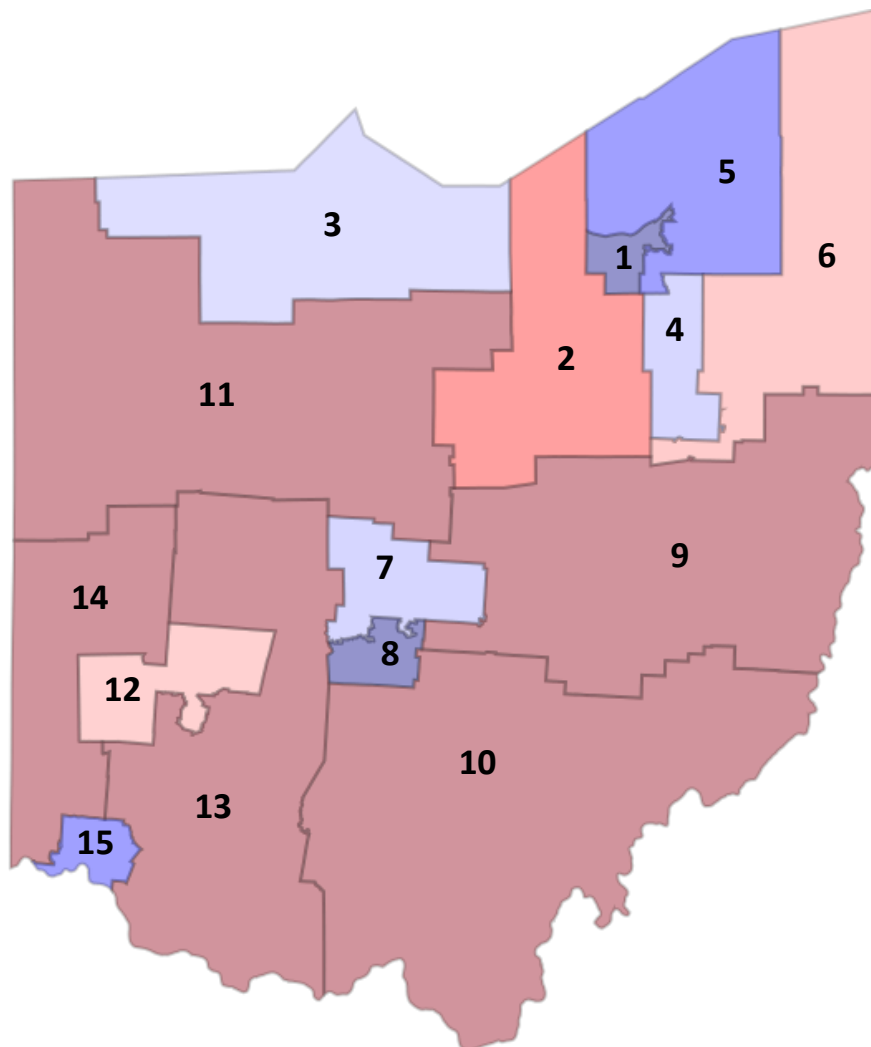


Figure 1: Proposed U.S. Congressional Districts from Ohio following redistricting after the 2020 U.S. Census.

Per Article XIX of the Ohio Constitution, the splitting of counties, townships, and municipalities shall be minimized to the extent possible. Given Ohio's congressional ratio of representation (CRR) of 786,630 and the fact that the city of Columbus has a population of 905,748, the city of Columbus must be split. Article XIX requires that the cities of Cleveland, Cincinnati, Toledo, Akron, and Dayton may not be split. Furthermore, Article XIX requires that 65 of Ohio's 88 counties be contained entirely within one district. Of the remaining 23 counties, no more than 18 may be split once, no more than 5 may be split twice. Given the fact that the populations of Cuyahoga, Franklin, and Hamilton Counties are all greater than the CRR, those three counties must each be split at least once. This initial proposal goes above and beyond those constitutional requirements by splitting only seven counties (Clermont, Cuyahoga, Franklin, Greene, Hamilton, Licking, and Stark) once each. Within those counties, all efforts were made not to split townships and municipalities. Only one city (Columbus, which must be

split due to its population), one village, and three townships are split between two districts in this proposal. All three townships and the village of Granville are split only to ensure the contiguity of all 15 proposed districts.

Although not an explicit requirement, in the spirit of bipartisan compromise and passing a 10-year map with a support from a majority of both major parties, districts were drawn to proportionally favor each of the two major political parties in approximately the same ratios as voters voted for candidates from the corresponding party in the sum of all of the statewide elections in the last 10 years, as is required in the General Assembly redistricting process. Additionally, considering the astonishing lack of competitive congressional elections in Ohio since the 2011 redistricting process, an effort was made to promote competitive districts. A summary of the proposed districts can be found in Table 1 below. Information regarding the splitting of counties and townships/municipalities can be found in Table 2 and Table 3 below, respectively. It is important to note that this proposal is an initial proposal that utilizes an allowable variance of +/- 5%. This initial proposal will be used to tweak districts to reduce the variance to nearly 0.

Table 1: Summary of Proposed Congressional Districts with populations according to the 2020 U.S.

Census, Political Voting Index calculated by DistritBuilder.org using data from the 2016 and 2020 presidential elections, party voting margins in the sum of all statewide partisan elections in 2016, 2018, and 2020 (per DRA), and the percentage of the population made up of racial minorities

Proposed Congressional Districts Summary										
District	Location	Population	CRR Variance	CRR +/- %	PVI	16-20 D%	16-20 R %	16-20 Margin	Minority %	Partisan Lean
1	Cleveland	814,396	27,766	3.53%	D+13	63.23%	34.43%	28.80%	36.31%	Safe D
2	Lorain, Mansfield, Ashland	789,711	3,081	0.39%	R+12	39.88%	57.52%	-17.64%	14.03%	Safe R
3	Toledo, Sandusky	781,122	-5,508	-0.70%	R+1	50.08%	47.07%	3.01%	22.54%	Tossup
4	Akron, Canton	800,155	13,525	1.72%	R+0	50.95%	46.53%	4.42%	21.42%	Tossup
5	Cleveland East Suburbs, Mentor	778,421	-8,209	-1.04%	D+8	58.00%	40.02%	17.98%	31.26%	Likely D
6	Youngstown, Warren, Ashtabula	805,082	18,452	2.35%	R+8	45.50%	51.96%	-6.46%	15.24%	Likely R
7	Columbus North Suburbs, Delaware	786,472	-158	-0.02%	D+4	51.31%	46.56%	4.75%	25.04%	Lean D
8	Columbus	783,211	-3,419	-0.43%	D+16	66.03%	31.58%	34.45%	41.42%	Safe D
9	East Central Ohio	783,261	-3,369	-0.43%	R+22	31.72%	65.72%	-34.00%	8.41%	Safe R
10	Southeast Ohio	777,734	-8,896	-1.13%	R+20	34.66%	63.00%	-28.34%	9.93%	Safe R
11	Northwest Ohio	759,878	-26,752	-3.40%	R+25	27.18%	69.87%	-42.69%	10.16%	Safe R
12	Dayton, Springfield	750,922	-35,708	-4.54%	R+4	45.96%	51.55%	-5.59%	26.68%	Lean R
13	Southwest Ohio	815,498	28,868	3.67%	R+23	27.76%	69.79%	-42.03%	11.23%	Safe R
14	Southwest Ohio	802,566	15,936	2.03%	R+21	30.01%	67.68%	-37.67%	15.96%	Safe R
15	Cincinnati	771,019	-15,611	-1.98%	D+8	55.70%	42.01%	13.69%	34.43%	Likely D

Table 2: Summary of split counties

Split Counties Summary			
County	Districts	Population in 1st District	Population in 2nd District
Clermont	13 & 15	105,896	102,705
Cuyahoga	1 & 5	814,396	450,421
Franklin	7 & 8	504,870	818,937
Greene	12 & 13	77,612	90,354
Hamilton	14 & 15	162,325	668,314
Licking	7 & 9	31,752	146,767
Stark	4 & 6	259,727	115,126

Table 3: Summary of split townships and municipalities (including Census Designated Places)

Split Townships & Municipalities Summary					
Municipality/Township	Type	County	Districts	Population in 1st District	Population in 2nd District
Osnaburg	Township	Stark	4 & 6	2	3,907
Franklin	Township	Franklin	7 & 8	10,816	17
Jefferson	Township	Franklin	7 & 8	13,250	354
Columbus	City	Franklin	7 & 8	299,631	580,698
Lake Darby	CDP	Franklin	7 & 8	99	4,632
Granville	Village	Licking	7 & 9	1,494	30
Withamsville	CDP	Clermont	13 & 15	242	7,115
Skyline Acres	CDP	Hamilton	14 & 15	857	589

This congressional map proposal was created using a popular online redistricting application, Dave's Redistricting App (DRA). Block files from DRA were imported to DistrictBuilder.org, another open-source web-based redistricting tool, to verify the maps and for additional analysis. The proposal can be viewed on DRA at <https://davesredistricting.org/join/b97f7ea2-61a8-4df1-ab07-068a1ca61321> or on DistrictBuilder.org at <https://app.districtbuilder.org/projects/9bbedcea-b842-4716-89b9-151737cd46db>.

Below is a list of comments regarding some self-identified weaknesses in this proposal:

- Districts 13 and 14 both span from east and west of Cincinnati, respectively, to well north of Dayton. This design, while not necessarily the most compact, keeps communities of interest intact in the Dayton area and provides for a reasonably competitive District 12. I do not see an easy way around this poor compactness issue without having either District 13 or District 14 wrap almost entirely around District 12 and the other wrapping almost entirely around District 15, which is almost certainly a worse design.
- The minority representation in this map is likely not the best. That said, through my (albeit limited) study of the Voting Rights Act, I am convinced that this proposal is compliant with the Voting Rights Act. While there are no majority-minority districts in this proposal, there is one district (District 8) with a minority population of well over 40%. Additionally, there are three other districts (Districts 1, 5, and 15) with minority populations over 30%. Most importantly, the non-minority populations in these districts do tend to vote in line with the minority populations in the districts, so the minority vote is not diluted in those districts.
- District 6 stretches from Ashtabula County to a sliver of the southern portion of Stark County. While this design loses some points for compactness, as a longtime resident of this proposed district, I believe that the suburban communities of eastern and southern Stark County have more in common with the communities, such as Kent, Ravenna, Warren, and Youngstown, at the core of this district than Columbiana County does. In designing District 6, the primary alternative option to

including a portion of Stark County in this district was to include Columbiana County, and I do not believe putting Columbiana County in District 6 and the southern and eastern portions of Stark County in District 9 would have served either of those communities well. Additionally, the map, as drawn, makes for a more competitive District 6, which is one of the stated goals of this proposal due to the lack of competitive Congressional races in Ohio over the last decade.

- The only potential significant constitutional issue that I have identified in this proposal pertains to Article XIX, Section 7, B(8), which states that an attempt should be made “to include at least one whole county in each congressional district” unless a district is contained entirely within one county. District 15 contains the vast majority of Hamilton County and a small portion of Clermont County. It would not be possible for District 15 to include the entirety of Hamilton County. It would be extremely difficult for District 15 to include the entirety of Clermont County and the city of Cincinnati such that all of the other communities of interest in Hamilton County are also included in District 15. In order to include communities of interest on both sides of the county border, I elected not to have District 15 entirely contained within Hamilton County nor to have Clermont County entirely contained within District 15. If this issue is a legitimate constitutional concern, it would not be difficult to include the entirety of Clermont County in District 13 so that District 15 is entirely contained within Hamilton County. In this case, District 14 would have to pick up additional people from District 13 in any of Warren, Champaign, or Logan Counties.

District 1 (Cleveland and Western Cuyahoga County):

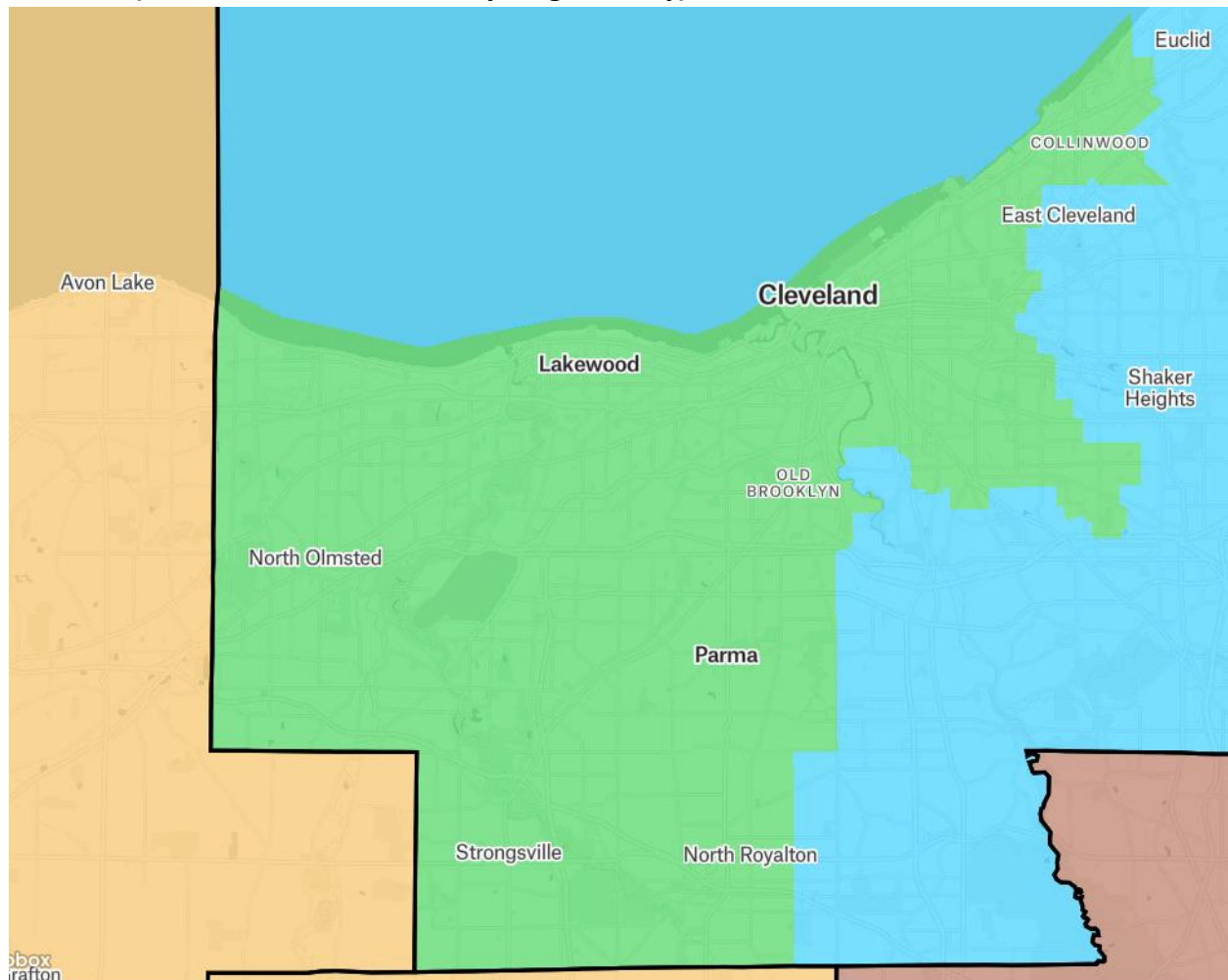


Figure 2: Proposed U.S. Congressional District 1 (green) includes the city of Cleveland and much of western Cuyahoga County.

- County: Cuyahoga (part)
- Major Municipalities: Cleveland, Lakewood, Parma, Strongsville
- 2016-2020 Composite Votes: 63.23%/34.43% (Democrat/Republican)—according to DRA
- 2016-2020 Composite PVI: D+13—according to DistrictBuilder.org
- Population: 814,396
- Variance (from CRR): +27,766 (+3.53%)
- Minority %: 36.31%

Table 4: Summary of townships and municipalities in Cuyahoga County in District 1

Municipality/Township	Type	Population	District	District 1 Population	District 5 Population
Bay Village	City	16,163	1	16,163	
Berea	City	18,545	1	18,545	
Brook Park	City	18,595	1	18,595	
Brooklyn	City	11,359	1	11,359	
Cleveland	City	372,624	1	372,624	
Fairview Park	City	17,291	1	17,291	
Lakewood	City	50,942	1	50,942	
Middleburg Heights	City	16,004	1	16,004	
North Olmsted	City	32,442	1	32,442	
North Royalton	City	31,322	1	31,322	
Olmsted Falls	City	8,582	1	8,582	
Parma	City	81,146	1	81,146	
Parma Heights	City	20,863	1	20,863	
Rocky River	City	21,755	1	21,755	
Strongsville	City	46,491	1	46,491	
Westlake	City	34,228	1	34,228	
Bratenahl	Village	1,430	1	1,430	
Linndale	Village	108	1	108	
Olmsted	Township	14,506	1	14,506	
TOTAL		814,396		814,396	0

District 2 (Lorain, Medina, Wooster, Ashland, Mansfield):

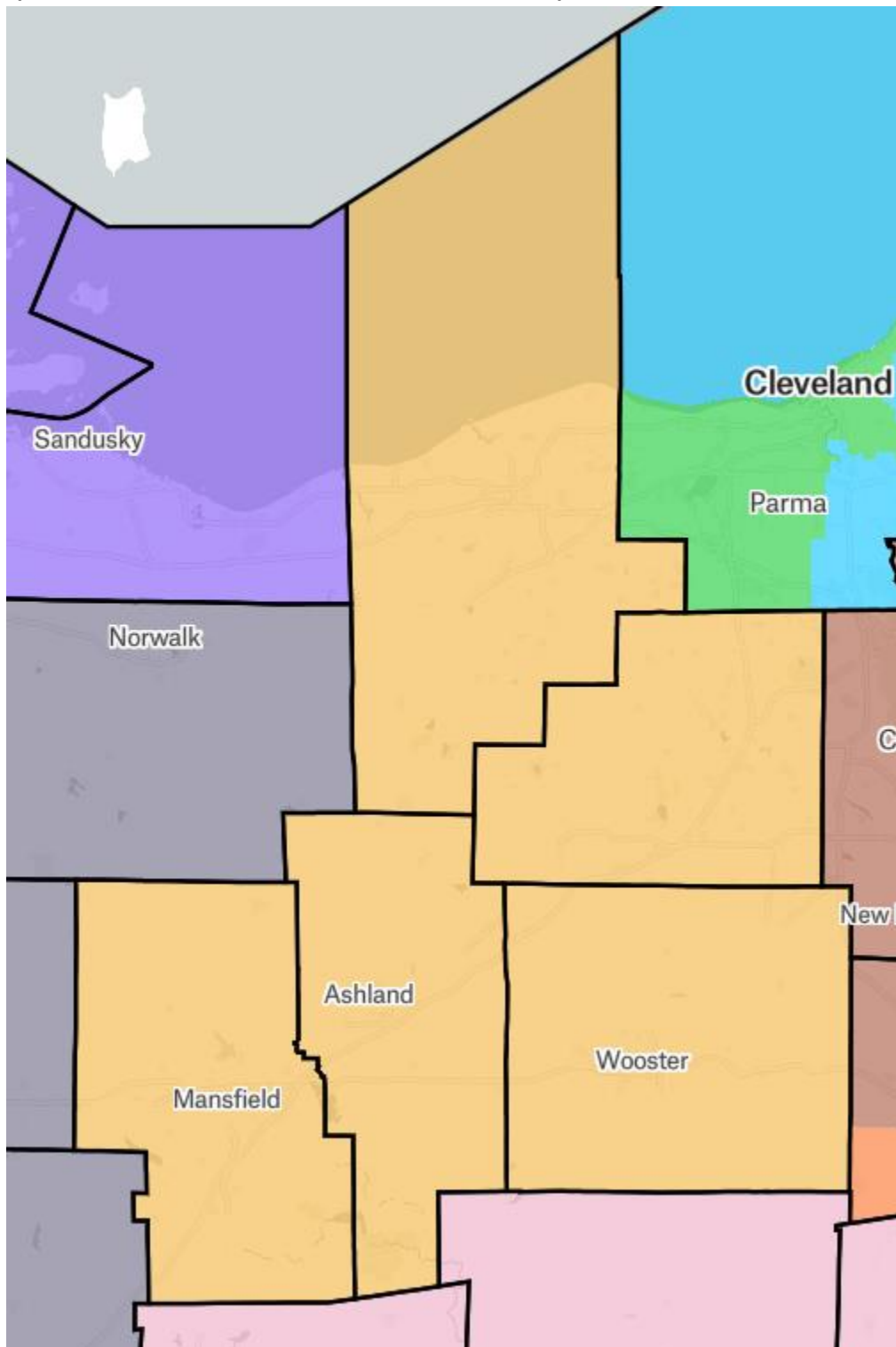


Figure 3: Proposed U.S. Congressional District 2 (yellow) includes the entirety of Lorain, Medina, Wayne, Ashland, and Richland Counties.

- Counties: Lorain, Medina, Wayne, Ashland, Richland

- Major Municipalities: Lorain, Elyria, Medina, Wooster, Ashland, and Mansfield
- 2016-2020 Composite Votes: 39.88%/57.52% (Democrat/Republican)—according to DRA
- 2016-2020 Composite PVI: R+12—according to DistrictBuilder.org
- Population: 789,711
- Variance (from CRR): +3,081 (0.39%)
- Minority %: 14.03%

District 3 (Toledo, Bowling Green, Port Clinton, Sandusky):

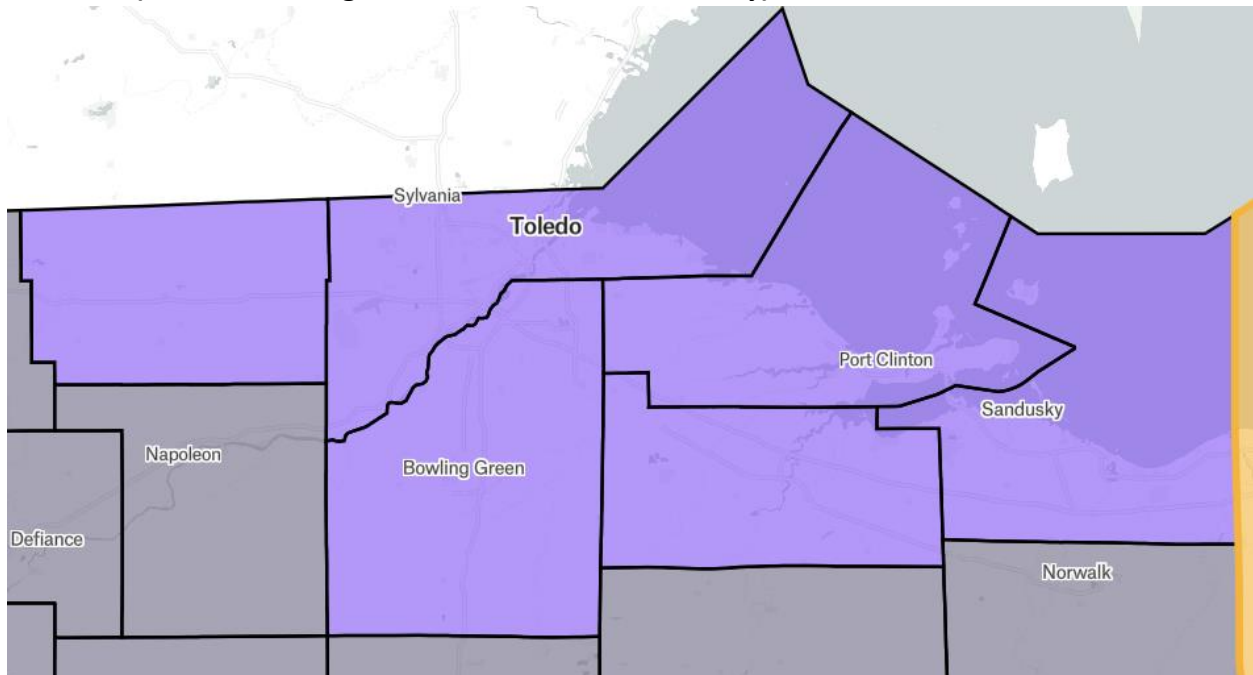


Figure 4: Proposed U.S. Congressional District 3 (purple) includes the entirety of Fulton, Lucas, Wood, Ottawa, Sandusky, and Erie Counties.

- Counties: Fulton, Lucas, Wood, Ottawa, Sandusky, Erie
- Major Municipalities: Toledo, Bowling Green, Sandusky
- 2016-2020 Composite Votes: 50.08%/47.07% (Democrat/Republican)—according to DRA
- 2016-2020 Composite PVI: R+1—according to DistrictBuilder.org
- Population: 781,122
- Variance (from CRR): -5,508 (-0.70%)
- Minority %: 22.54%

District 4 (Akron, Canton, Cuyahoga Falls, Massillon):

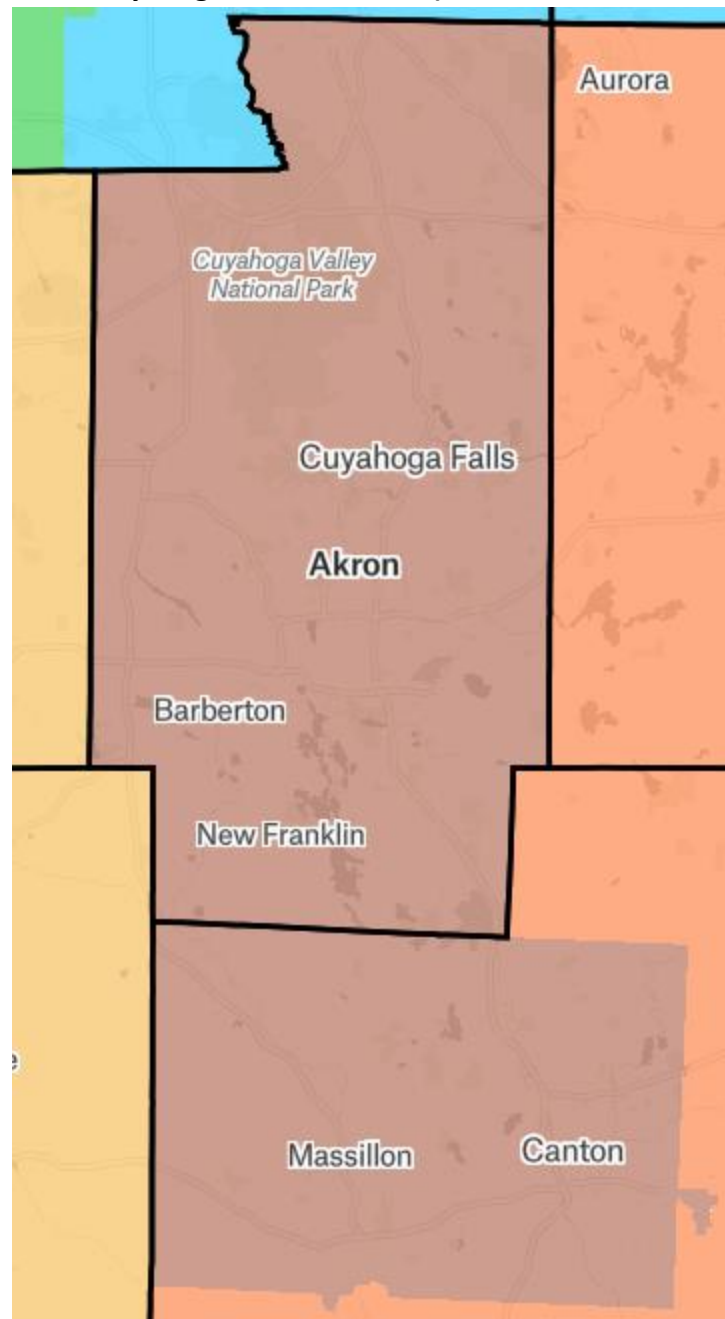


Figure 5: Proposed U.S. Congressional District 4 (brown) includes the entirety of Summit County and part of Stark County.

- Counties: Summit, Stark (part)
- Major Municipalities: Akron, Canton, Massillon, Cuyahoga Falls
- 2016-2020 Composite Votes: 50.95%/46.53% (Democrat/Republican)—according to DRA
- 2016-2020 Composite PVI: R+0—according to DistrictBuilder.org
- Population: 800,155

- Variance (from CRR): +13,525 (+1.72%)
- Minority %: 21.42%

Table 5: Summary of townships and municipalities in Stark County in District 4

Municipality/Township	Type	Population	District	District 4 Population	District 6 Population
Canal Fulton	City	5,325	4	5,325	
Canton	City	70,872	4	70,872	
Massillon	City	32,146	4	32,146	
North Canton	City	17,842	4	17,842	
Hills and Dales	Village	250	4	250	
Meyers Lake	Village	724	4	724	
Canton	Township	11,906	4	11,906	
Jackson	Township	42,817	4	42,817	
Lawrence	Township	8,223	4	8,223	
Osnaburg	Township	3,909	4,6	2	3,907
Perry	Township	28,337	4	28,337	
Plain	Township	35,482	4	35,482	
Tuscarawas	Township	5,801	4	5,801	
TOTAL		263,634		259,727	3,907

District 5 (Eastern Cuyahoga County, Mentor, Chardon):

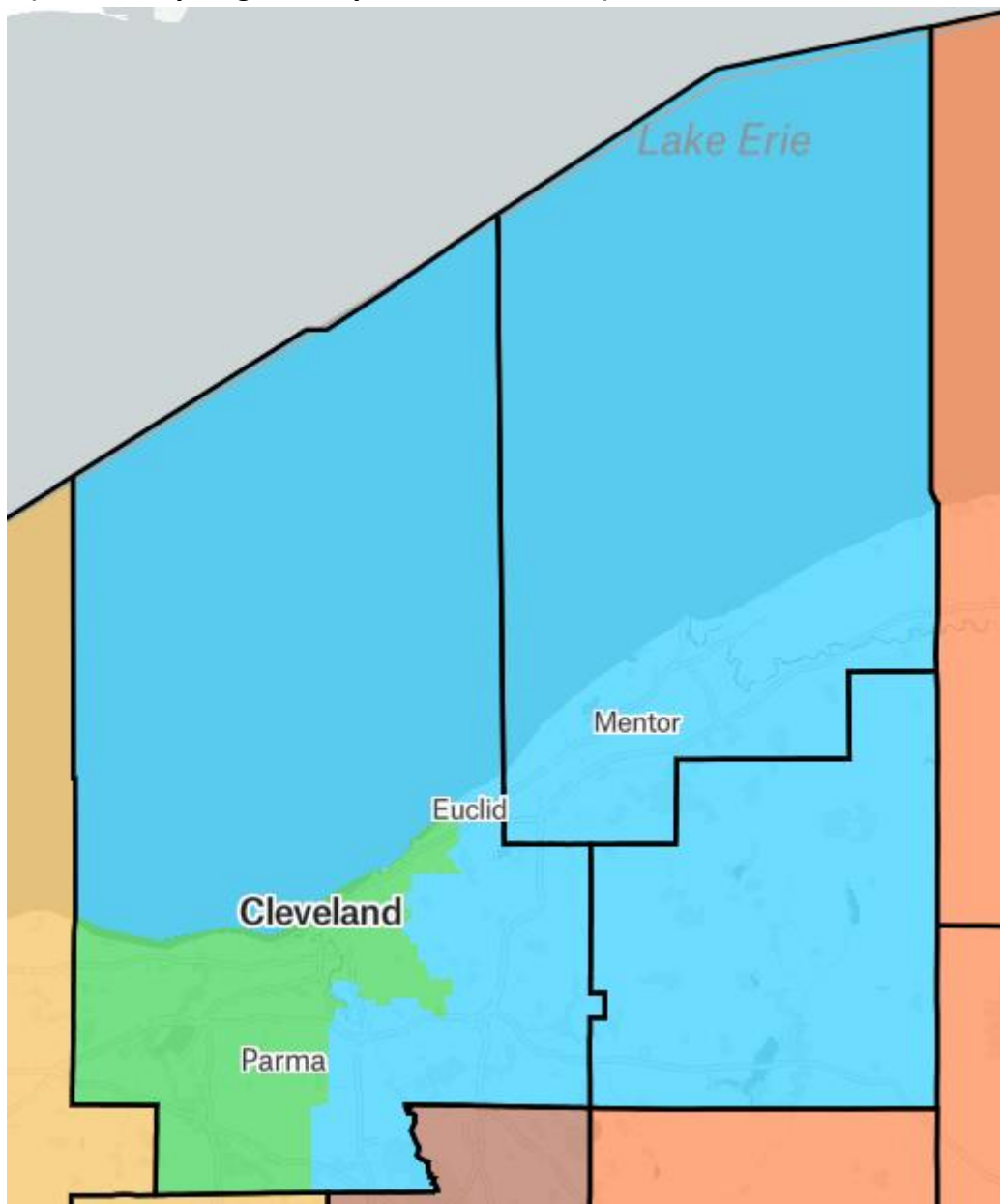


Figure 6: Proposed U.S. Congressional District 5 (blue) includes the entirety of Lake and Geauga Counties and part of Cuyahoga County.

- Counties: Lake, Geauga, Cuyahoga (part)
- Major Municipalities: Euclid, Mentor, Cleveland Heights, Shaker Heights, Solon
- 2016-2020 Composite Votes: 58.00%/40.02% (Democrat/Republican)—according to DRA
- 2016-2020 Composite PVI: D+8—according to DistrictBuilder.org
- Population: 778,421
- Variance (from CRR): -8,209 (-1.04%)

- Minority %: 31.26%

Table 6: Summary of townships and municipalities in Cuyahoga County in District 5

Municipality/Township	Type	Population	District	District 1 Population	District 5 Population
Beachwood	City	14,040	5		14,040
Bedford	City	13,149	5		13,149
Bedford Heights	City	11,020	5		11,020
Brecksville	City	13,635	5		13,635
Broadview Heights	City	19,936	5		19,936
Cleveland Heights	City	45,312	5		45,312
East Cleveland	City	13,792	5		13,792
Euclid	City	49,692	5		49,692
Garfield Heights	City	29,781	5		29,781
Highland Heights	City	8,719	5		8,719
Independence	City	7,584	5		7,584
Lyndhurst	City	14,050	5		14,050
Maple Heights	City	23,701	5		23,701
Mayfield Heights	City	20,351	5		20,351
Pepper Pike	City	6,796	5		6,796
Richmond Heights	City	10,801	5		10,801
Seven Hills	City	11,720	5		11,720
Shaker Heights	City	29,439	5		29,439
Solon	City	24,262	5		24,262
South Euclid	City	21,883	5		21,883
University Heights	City	13,914	5		13,914
Warrensville Heights	City	13,789	5		13,789
Bentleyville	Village	897	5		897
Brooklyn Heights	Village	1,519	5		1,519
Chagrin Falls	Village	4,188	5		4,188
Cuyahoga Heights	Village	573	5		573
Gates Mills	Village	2,264	5		2,264
Glenwillow	Village	994	5		994
Highland Hills	Village	662	5		662
Hunting Valley	Village	627	5		627
Mayfield	Village	3,356	5		3,356
Moreland Hills	Village	3,466	5		3,466
Newburgh Heights	Village	1,862	5		1,862
North Randall	Village	954	5		954
Oakwood	Village	3,572	5		3,572
Orange	Village	3,421	5		3,421
Valley View	Village	1,897	5		1,897
Walton Hills	Village	2,033	5		2,033
Woodmere	Village	641	5		641
Chagrin Falls	Township	129	5		129
TOTAL		450,421		0	450,421

District 6 (Youngstown, Warren, Ashtabula, Ravenna, Kent, Alliance):

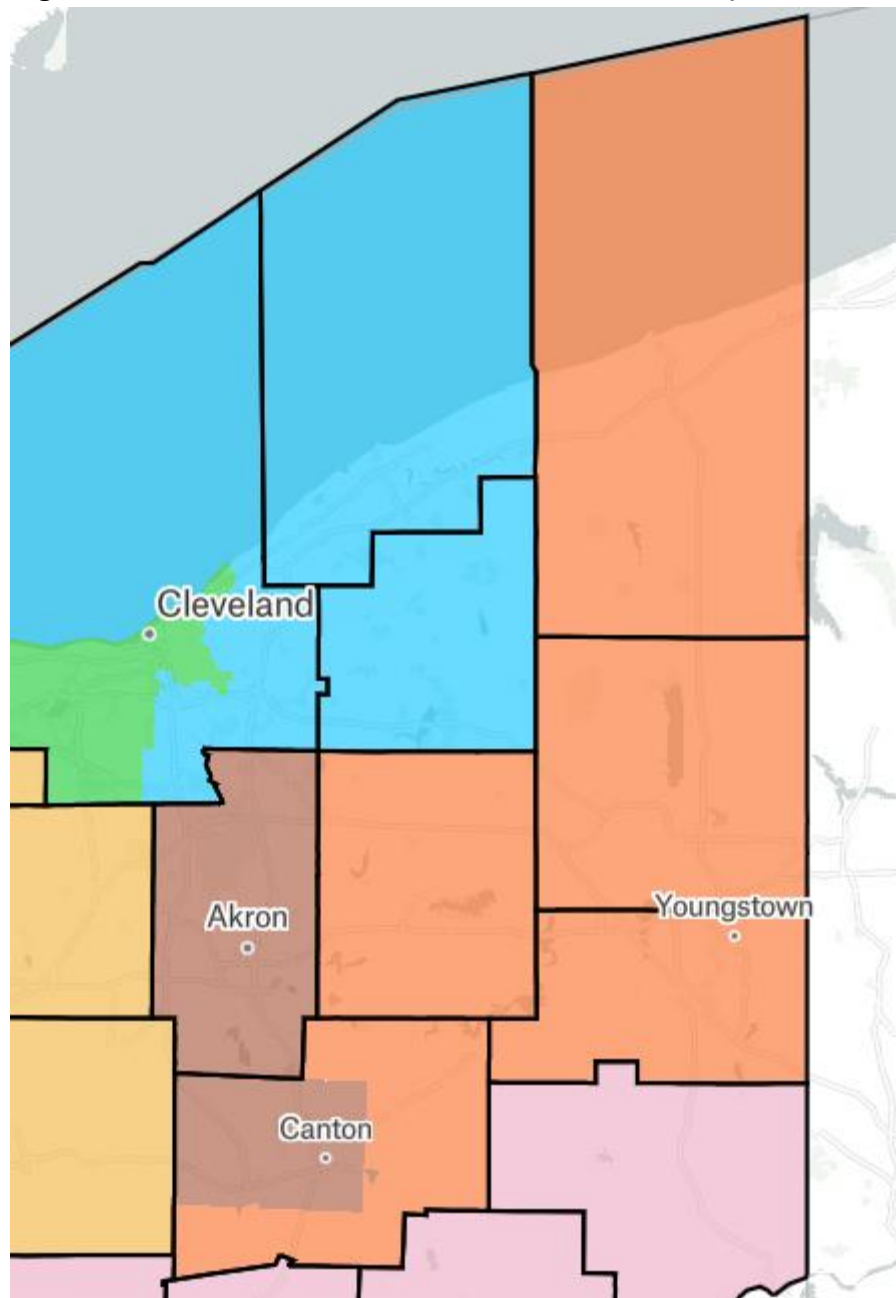


Figure 7: Proposed U.S. Congressional District 6 (orange) includes the entirety of Ashtabula, Trumbull, Portage, and Mahoning Counties as well as part of Stark County.

- Counties: Ashtabula, Trumbull, Portage, Mahoning, Stark (part)
- Major Municipalities: Ashtabula, Warren, Youngstown, Ravenna, Kent, Alliance
- 2016-2020 Composite Votes: 45.50%/51.96% (Democrat/Republican)—according to DRA
- 2016-2020 Composite PVI: R+8—according to DistrictBuilder.org
- Population: 805,070

- Variance (from CRR): +18,452 (+2.34%)
- Minority %: 15.24%

Table 7: Summary of townships and municipalities in Stark County in District 6

Municipality/Township	Type	Population	District	District 4 Population	District 6 Population
Alliance	City	21,622	6		21,622
Louisville	City	9,521	6		9,521
Beach City	Village	940	6		940
Brewster	Village	2,113	6		2,113
East Canton	Village	1,512	6		1,512
East Sparta	Village	749	6		749
Hartville	Village	3,329	6		3,329
Magnolia	Village	737	6		737
Minerva	Village	1,969	6		1,969
Navarre	Village	1,846	6		1,846
Waynesburg	Village	925	6		925
Wilmot	Village	282	6		282
Bethlehem	Township	3,726	6		3,726
Lake	Township	26,995	6		26,995
Lexington	Township	4,925	6		4,925
Marlboro	Township	4,277	6		4,277
Nimishillen	Township	9,354	6		9,354
Osnaburg	Township	3,909	4,6	2	3,907
Paris	Township	3,774	6		3,774
Pike	Township	3,069	6		3,069
Sandy	Township	1,899	6		1,899
Sugar Creek	Township	3,212	6		3,212
Washington	Township	4,443	6		4,443
TOTAL		115,128		2	115,126

District 7 (Northern Franklin County, Delaware):

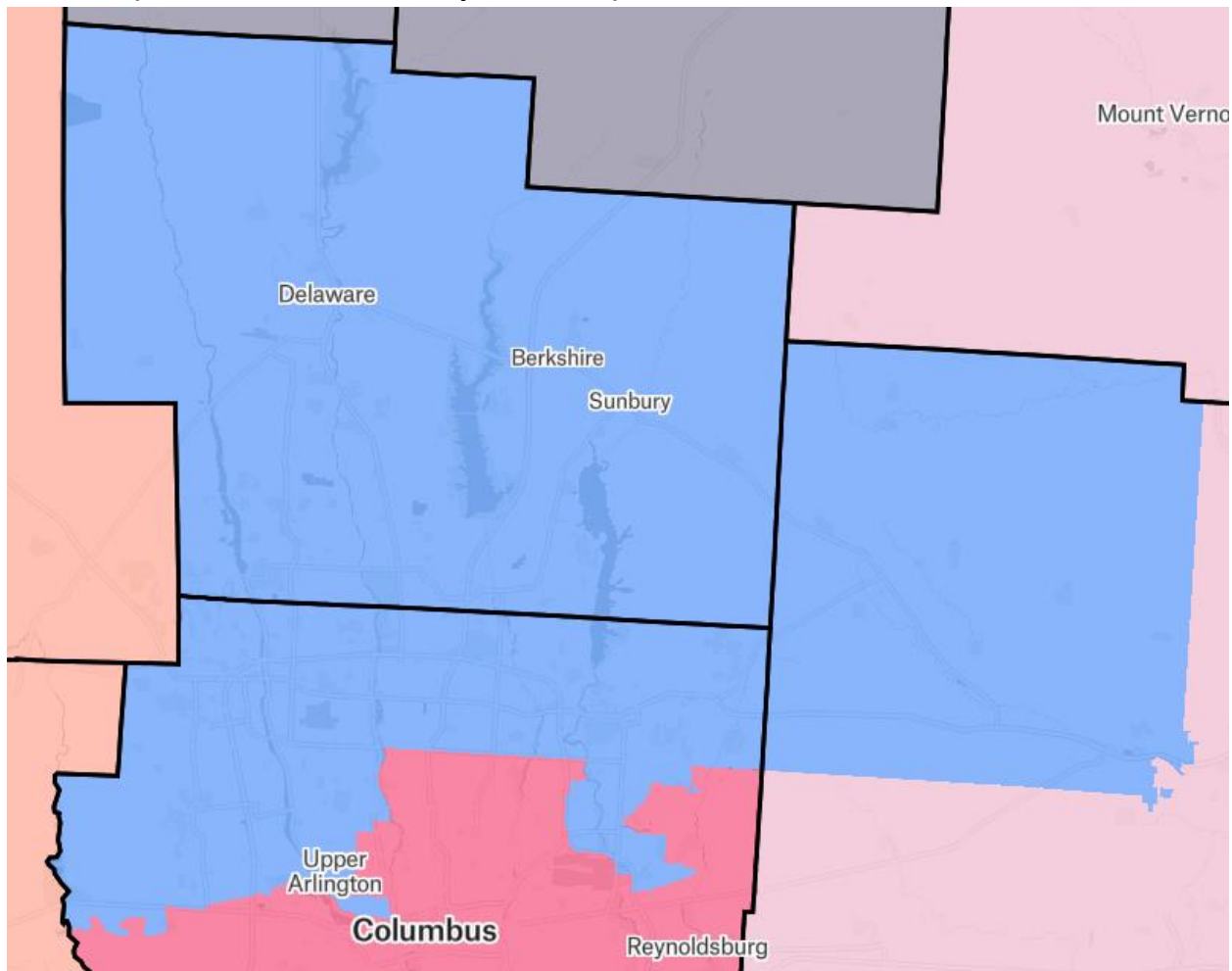


Figure 8: Proposed U.S. Congressional District 7 (blue) includes the entirety of Delaware County as well as the northern and northwest portions of Franklin and Licking Counties, respectively.

- Counties: Delaware, Licking (part), Franklin (part)
- Major Municipalities: Columbus (part), Delaware, Westerville, Gahanna, Upper Arlington, Dublin, Hilliard
- 2016-2020 Composite Votes: 51.31%/46.56% (Democrat/Republican)—according to DRA
- 2016-2020 Composite PVI: D+4—according to DistrictBuilder.org
- Population: 786,472
- Variance (from CRR): -158 (-0.02%)
- Minority %: 25.04%

Table 8: Summary of townships and municipalities in Franklin County in District 7

Municipality/Township	Type	Population	District	District 7 Population	District 8 Population
Columbus	City	880,329	7,8	299,631	580,698
Dublin	City	34,997	7	34,997	
Gahanna	City	35,726	7	35,726	
Grandview Heights	City	8,085	7	8,085	
Hilliard	City	37,114	7	37,114	
New Albany	City	10,779	7	10,779	
Upper Arlington	City	36,800	7	36,800	
Westerville	City	29,960	7	29,960	
Worthington	City	14,786	7	14,786	
Marble Cliff	Village	634	7	634	
Minerva Park	Village	2,009	7	2,009	
Riverlea	Village	599	7	599	
Blendon	Township	8,143	7	8,143	
Brown	Township	2,432	7	2,432	
Franklin	Township	10,833	7,8	17	10,816
Jefferson	Township	13,604	7,8	354	13,250
Norwich	Township	4,104	7	4,104	
Perry	Township	3,929	7	3,929	
Plain	Township	1,982	7	1,982	
Sharon	Township	1,783	7	1,783	
Washington	Township	6,732	7	6,732	
TOTAL		1,145,360		540,596	604,764

Table 9: Summary of townships and municipalities in Licking County in District 7

Municipality/Township	Type	Population	District	District 7 Population	District 9 Population
New Albany	City	46	7	46	
Alexandria	Village	483	7	483	
Granville	Village	7,048	7,9	7,018	30
Hartford	Village	404	7	404	
Johnstown	Village	5,182	7	5,182	
Bennington	Township	1,682	7	1,682	
Burlington	Township	1,209	7	1,209	
Granville	Township	3,196	7	3,196	
Hartford	Township	1,029	7	1,029	
Jersey	Township	2,511	7	2,511	
Liberty	Township	2,756	7	2,756	
McKean	Township	1,606	7	1,606	
Monroe	Township	2,571	7	2,571	
St. Albans	Township	2,059	7	2,059	
TOTAL		31,782		31,752	30

District 8 (Columbus and Southern Franklin County):

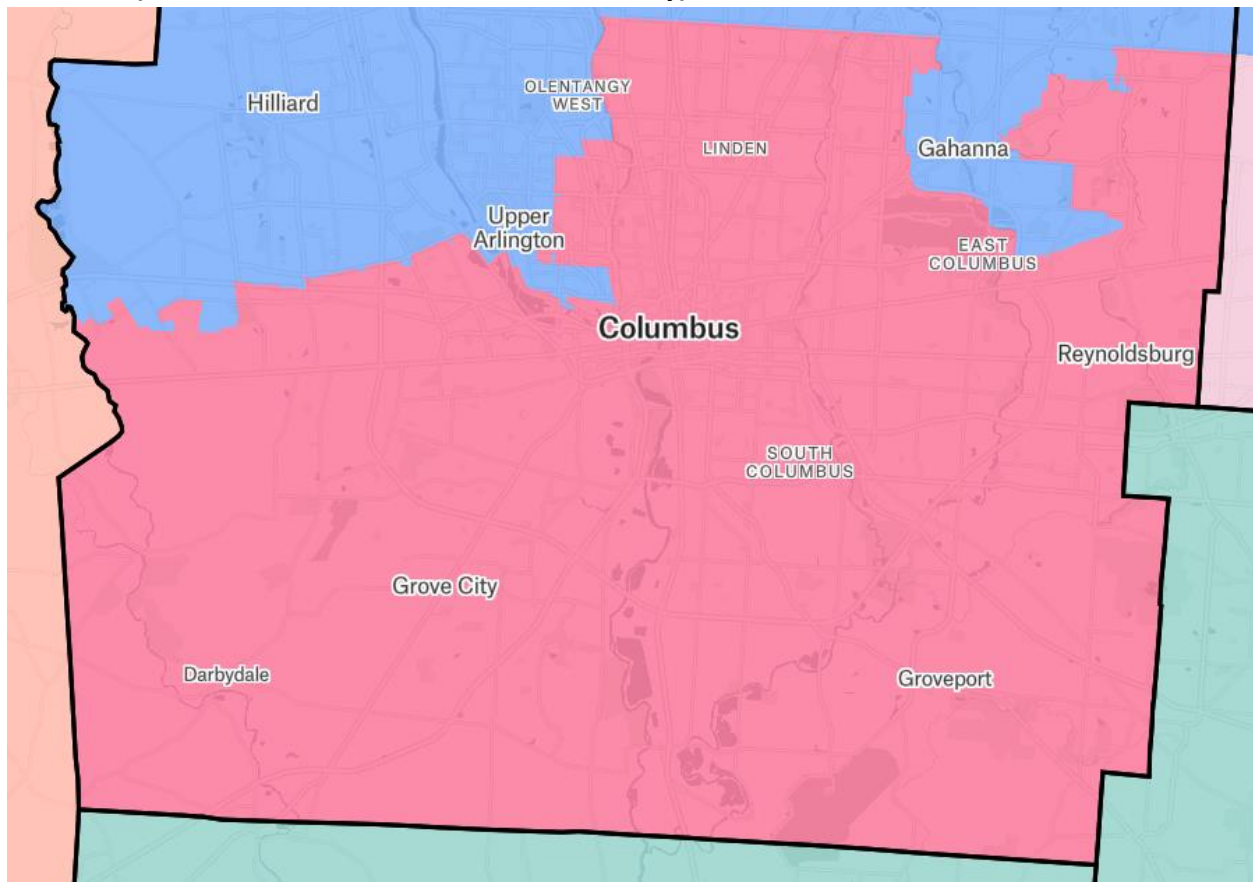


Figure 9: Proposed U.S. Congressional District 8 (dark pink) is entirely contained within the central and southern portions of Franklin County.

- County: Franklin
- Major Municipalities: Columbus (part), Grove City, Reynoldsburg
- 2016-2020 Composite Votes: 66.03%/31.58% (Democrat/Republican)—according to DRA
- 2016-2020 Composite PVI: D+16—according to DistrictBuilder.org
- Population: 783,211
- Variance (from CRR): -3,419 (-0.43%)
- Minority %: 41.42%

Table 10: Summary of townships and municipalities in Franklin County in District 8

Municipality/Township	Type	Population	District	District 7 Population	District 8 Population
Bexley	City	13,928	8		13,928
Canal Winchester	City	7,401	8		7,401
Columbus	City	880,329	7,8	299,631	580,698
Grove City	City	41,252	8		41,252
Groveport	City	6,009	8		6,009
Pickerington	City	95	8		95
Reynoldsburg	City	29,755	8		29,755
Whitehall	City	20,127	8		20,127
Brice	Village	93	8		93
Harrisburg	Village	315	8		315
Lithopolis	Village	49	8		49
Lockbourne	Village	236	8		236
Obetz	Village	5,489	8		5,489
Urbancrest	Village	1,031	8		1,031
Valleyview	Village	669	8		669
Clinton	Township	4,499	8		4,499
Franklin	Township	10,833	7,8	17	10,816
Hamilton	Township	4,219	8		4,219
Jackson	Township	4,284	8		4,284
Jefferson	Township	13,604	7,8	354	13,250
Madison	Township	11,081	8		11,081
Mifflin	Township	2,642	8		2,642
Pleasant	Township	6,434	8		6,434
Prairie	Township	17,415	8		17,415
Truro	Township	1,424	8		1,424
TOTAL		1,083,213		300,002	783,211

District 9 (Newark, Zanesville, Coshocton, Cambridge, Steubenville):

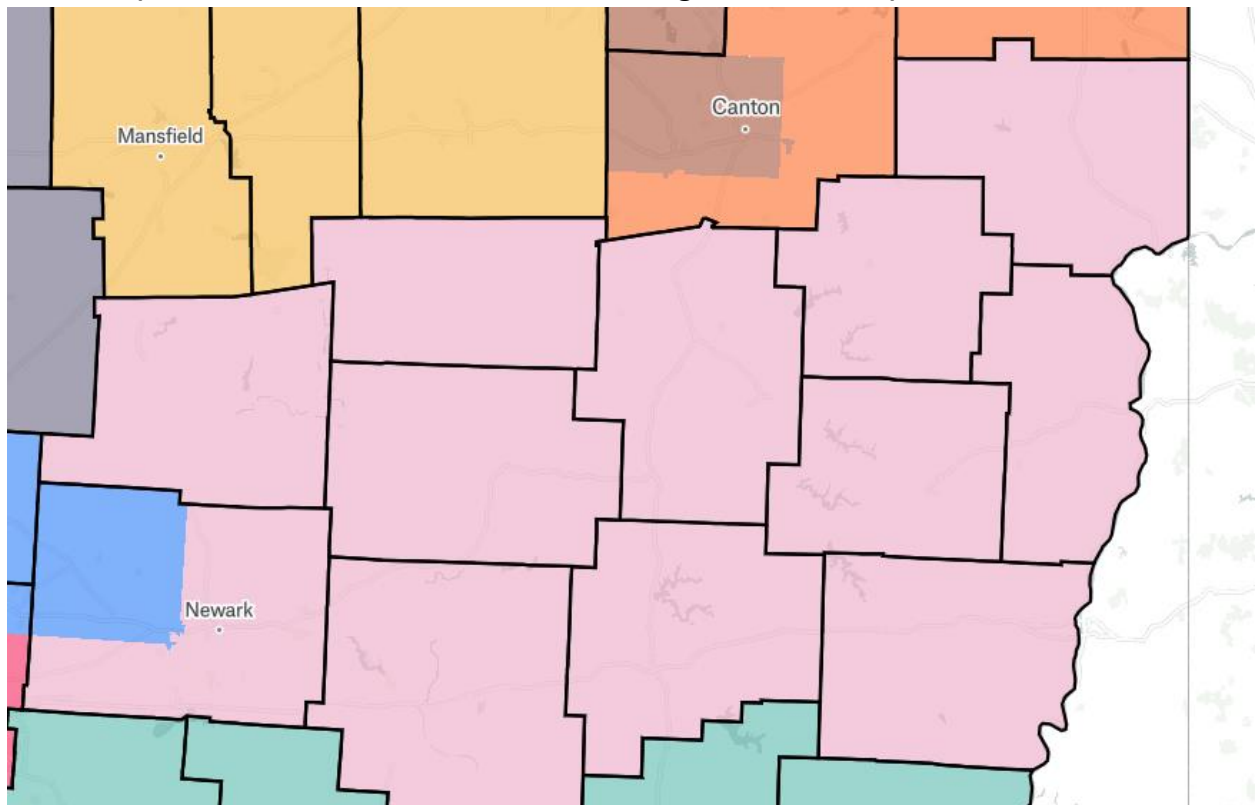


Figure 10: Proposed U.S. Congressional District 9 (light pink) includes the entirety of Columbiana, Jefferson, Carroll, Harrison, Belmont, Guernsey, Muskingum, Tuscarawas, Holmes, Coshocton, and Knox Counties and part of Licking County in east-central Ohio.

- Counties: Columbiana, Jefferson, Carroll, Harrison, Belmont, Guernsey, Muskingum, Tuscarawas, Holmes, Coshocton, Knox, and Licking (part)
- Major Municipalities: Newark, Zanesville, Coshocton, Cambridge, Steubenville
- 2016-2020 Composite Votes: 31.72%/65.72% (Democrat/Republican)—according to DRA
- 2016-2020 Composite PVI: R+22—according to DistrictBuilder.org
- Population: 783,261
- Variance (from CRR): -3,369 (-0.43%)
- Minority %: 8.41%

Table 11: Summary of townships and municipalities in Licking County in District 9

Municipality/Township	Type	Population	District	District 7 Population	District 9 Population
Heath	City	10,412	9		10,412
Newark	City	49,934	9		49,934
Pataskala	City	17,886	9		17,886
Reynoldsburg	City	10,191	9		10,191
Buckeye Lake	Village	2,495	9		2,495
Granville	Village	7,048	7,9	7,018	30
Gratiot	Village	135	9		135
Hanover	Village	1,270	9		1,270
Hebron	Village	2,326	9		2,326
Kirkersville	Village	471	9		471
St. Louisville	Village	352	9		352
Utica	Village	2,048	9		2,048
Bowling Green	Township	1,799	9		1,799
Eden	Township	1,281	9		1,281
Etna	Township	9,829	9		9,829
Fallsbury	Township	985	9		985
Franklin	Township	2,112	9		2,112
Hanover	Township	1,834	9		1,834
Harrison	Township	8,052	9		8,052
Hopewell	Township	1,260	9		1,260
Licking	Township	4,824	9		4,824
Madison	Township	3,180	9		3,180
Mary Ann	Township	2,120	9		2,120
Newark	Township	2,175	9		2,175
Newton	Township	2,842	9		2,842
Perry	Township	1,671	9		1,671
Union	Township	4,309	9		4,309
Washington	Township	944	9		944
TOTAL		153,785		7,018	146,767

District 10 (Chillicothe, Athens, Marietta, Lancaster, Portsmouth):

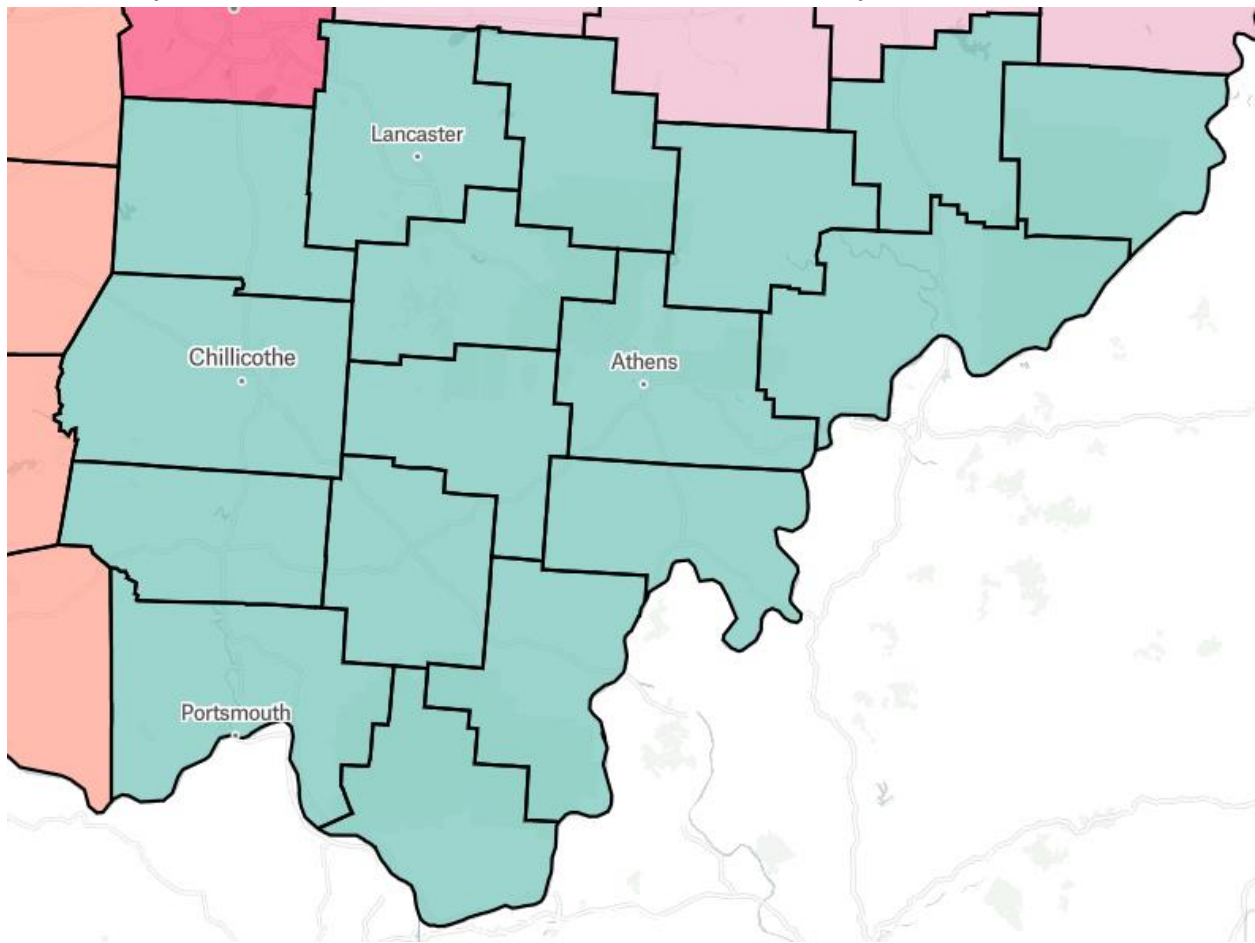


Figure 11: Proposed U.S. Congressional District 10 (green) includes the entirety of Monroe, Noble, Washington, Morgan, Athens, Meigs, Perry, Fairfield, Hocking, Vinton, Gallia, Lawrence, Jackson, Pickaway, Ross, Pike, and Scioto Counties in southeast Ohio.

- Counties: Monroe, Noble, Washington, Morgan, Athens, Meigs, Perry, Fairfield, Hocking, Vinton, Gallia, Lawrence, Jackson, Pickaway, Ross, Pike, Scioto
- Major Municipalities: Chillicothe, Athens, Marietta, Lancaster, Portsmouth
- 2016-2020 Composite Votes: 34.66%/63.00% (Democrat/Republican)—according to DRA
- 2016-2020 Composite PVI: R+20—according to DistrictBuilder.org
- Population: 777,734
- Variance (from CRR): -8,896 (-1.13%)
- Minority %: 9.39%

District 11 (Findlay, Lima, Tiffin, Defiance, Marion):

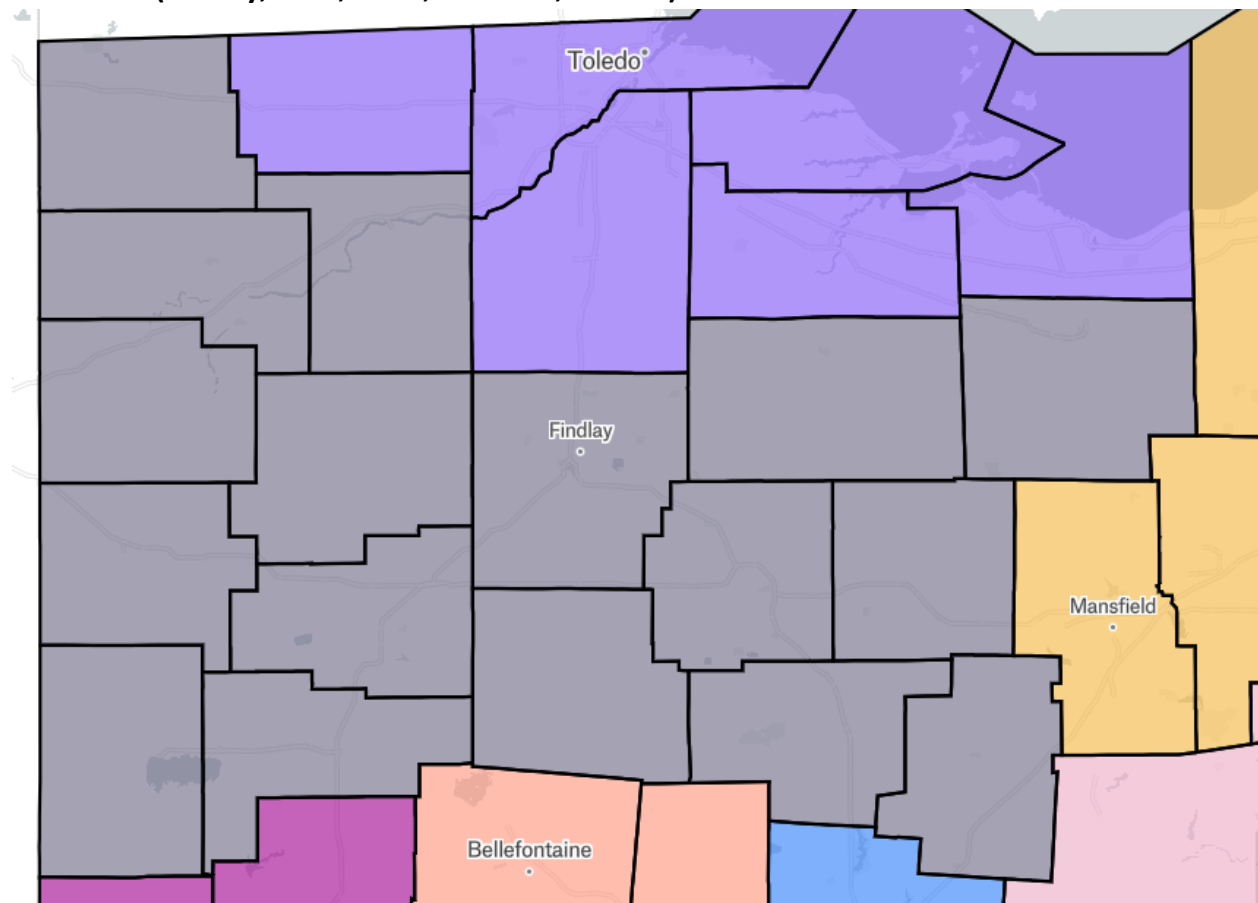


Figure 12: Proposed U.S. Congressional District 11 (gray) includes the entirety of Williams, Defiance, Henry, Paulding, Putnam, Hancock, Seneca, Huron, Crawford, Wyandot, Marion, Morrow, Hardin, Allen, Auglaize, Mercer, and Van Wert Counties in northwest Ohio.

- Counties: Williams, Defiance, Henry, Paulding, Putnam, Hancock, Seneca, Huron, Crawford, Wyandot, Marion, Morrow, Hardin, Allen, Auglaize, Mercer, Van Wert
- Major Municipalities: Findlay, Lima, Defiance, Tiffin, Marion
- 2016-2020 Composite Votes: 27.18%/69.87% (Democrat/Republican)—according to DRA
- 2016-2020 Composite PVI: R+25—according to DistrictBuilder.org
- Population: 759,878
- Variance (from CRR): -26,750 (-3.40%)
- Minority %: 10.16%

District 12 (Dayton, Kettering, Springfield, Xenia, Fairborn):

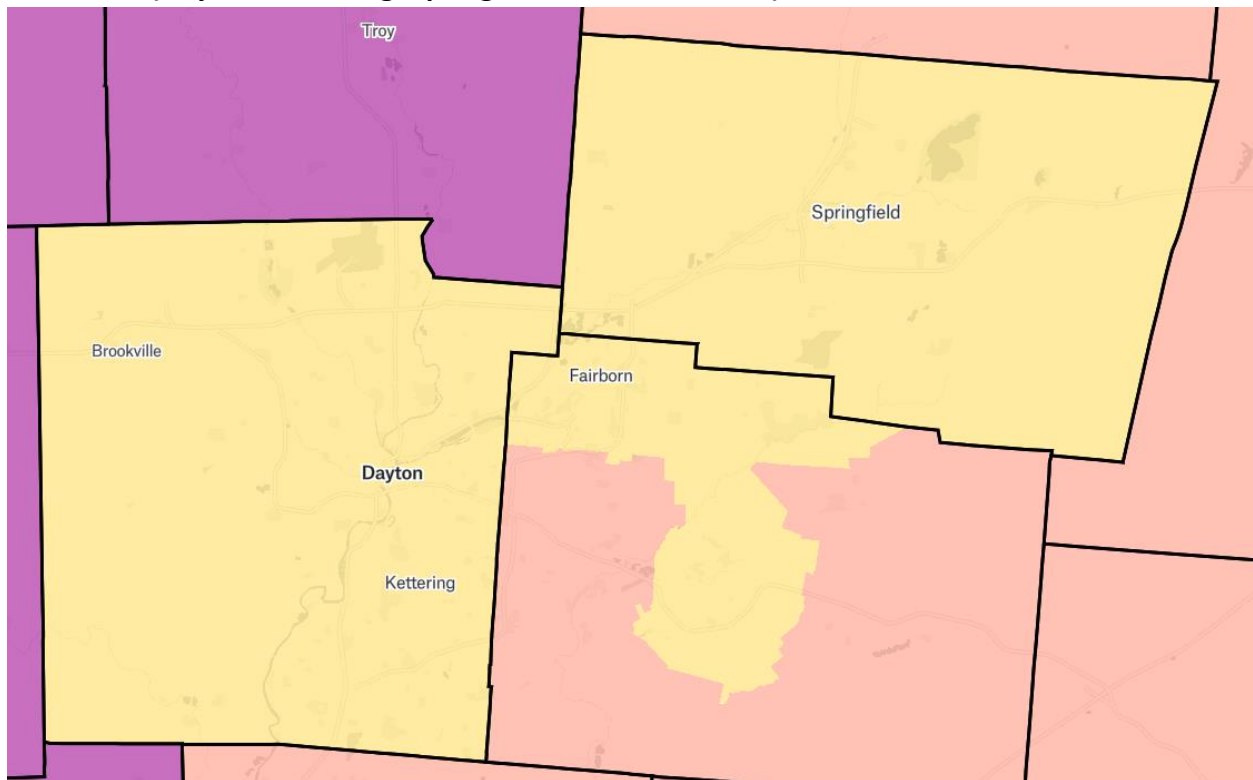


Figure 13: Proposed U.S. Congressional District 12 (yellow) includes the entirety of Montgomery and Clark Counties and part of Greene County.

- Counties: Montgomery, Clark, Greene (part)
- Major Municipalities: Dayton, Springfield, Xenia, Kettering
- 2016-2020 Composite Votes: 45.96%/51.55% (Democrat/Republican)—according to DRA
- 2016-2020 Composite PVI: R+4—according to DistrictBuilder.org
- Population: 750,922
- Variance (from CRR): -35,708 (-4.54%)
- Minority %: 26.68%

Table 12: Summary of townships and municipalities in Greene County in District 12

Municipality/Township	Type	Population	District	District 12 Population	District 13 Population
Dayton	City	0	12	0	
Fairborn	City	34,510	12	34,510	
Xenia	City	25,441	12	25,441	
Clifton	Village	85	12	85	
Yellow Springs	Village	3,697	12	3,697	
Bath	Township	5,986	12	5,986	
Miami	Township	1,151	12	1,151	
Xenia	Township	6,742	12	6,742	
TOTAL		77,612		77,612	0

District 13 (Bellefontaine, Marysville, Urbana, Lebanon, Mason):

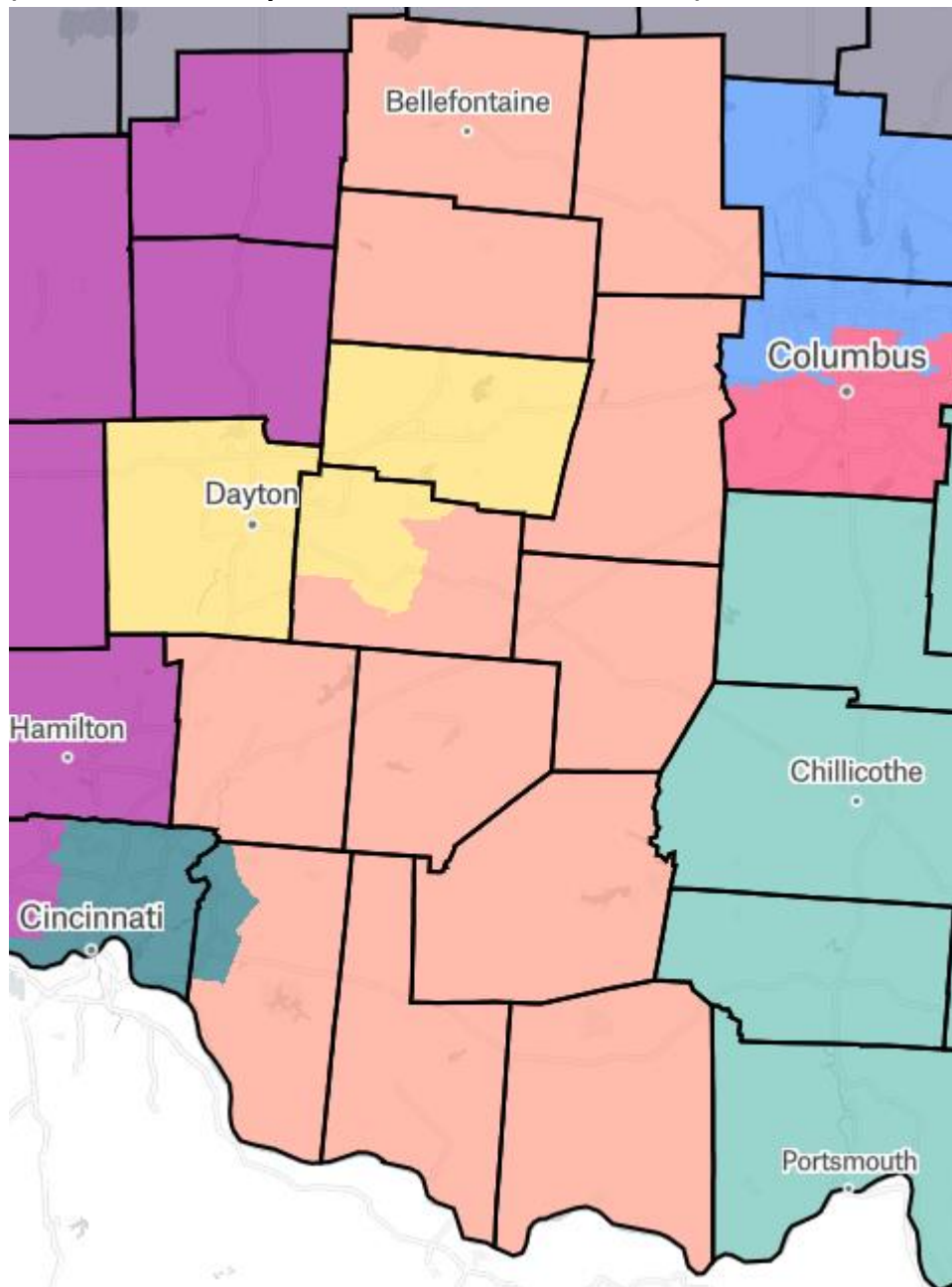


Figure 14: Proposed U.S. Congressional District 13 (peach) includes the entirety of Logan, Union, Champaign, Madison, Fayette, Clinton, Warren, Highland, Adams, and Brown Counties as well as part of Greene and Clermont Counties.

- Counties: Logan, Union, Champaign, Madison, Fayette, Clinton, Warren, Highland, Adams, Brown, Greene (part), Clermont (part)
- Major Municipalities: Bellefontaine, Marysville, Urbana, Lebanon, Mason
- 2016-2020 Composite Votes: 27.76%/69.79% (Democrat/Republican)—according to DRA

- 2016-2020 Composite PVI: R+23—according to DistrictBuilder.org
- Population: 815,498
- Variance (from CRR): +28,868 (+3.67%)
- Minority %: 11.23%

Table 13: Summary of townships and municipalities in Greene County in District 13

Municipality/Township	Type	Population	District	District 12 Population	District 13 Population
Beavercreek	City	46,549	13		46,549
Bellbrook	City	7,317	13		7,317
Centerville	City	2	13		2
Kettering	City	739	13		739
Bowersville	Village	261	13		261
Cedarville	Village	4,257	13		4,257
Jamestown	Village	2,052	13		2,052
Spring Valley	Village	415	13		415
Beavercreek	Township	8,345	13		8,345
Caesarscreek	Township	1,185	13		1,185
Cedarville	Township	1,642	13		1,642
Jefferson	Township	858	13		858
New Jasper	Township	2,639	13		2,639
Ross	Township	818	13		818
Spring Valley	Township	2,063	13		2,063
Silvercreek	Township	1,680	13		1,680
Sugarcreek	Township	9,532	13		9,532
TOTAL		90,354		0	90,354

Table 14: Summary of townships and municipalities in Clermont County in District 13

Municipality/Township	Type	Population	District	District 13 Population	District 15 Population
Batavia	Village	1,972	13	1,972	
Bethel	Village	2,620	13	2,620	
Chilo	Village	71	13	71	
Felicity	Village	651	13	651	
Moscow	Village	155	13	155	
Neville	Village	87	13	87	
New Richmond	Village	2,727	13	2,727	
Owensville	Village	786	13	786	
Williamsburg	Village	2,570	13	2,570	
Batavia	Township	25,688	13	25,688	
Franklin	Township	2,882	13	2,882	
Goshen	Township	16,057	13	16,057	
Jackson	Township	3,089	13	3,089	
Monroe	Township	7,531	13	7,531	
Ohio	Township	2,806	13	2,806	
Pierce	Township	15,096	13	15,096	
Stonelick	Township	4,877	13	4,877	
Tate	Township	6,542	13	6,542	
Washington	Township	1,940	13	1,940	
Wayne	Township	4,637	13	4,637	
Williamsburg	Township	3,112	13	3,112	
TOTAL		105,896		105,896	0

District 14 (Hamilton, Fairfield, Middletown, Sidney, Piqua, Troy, Oxford):

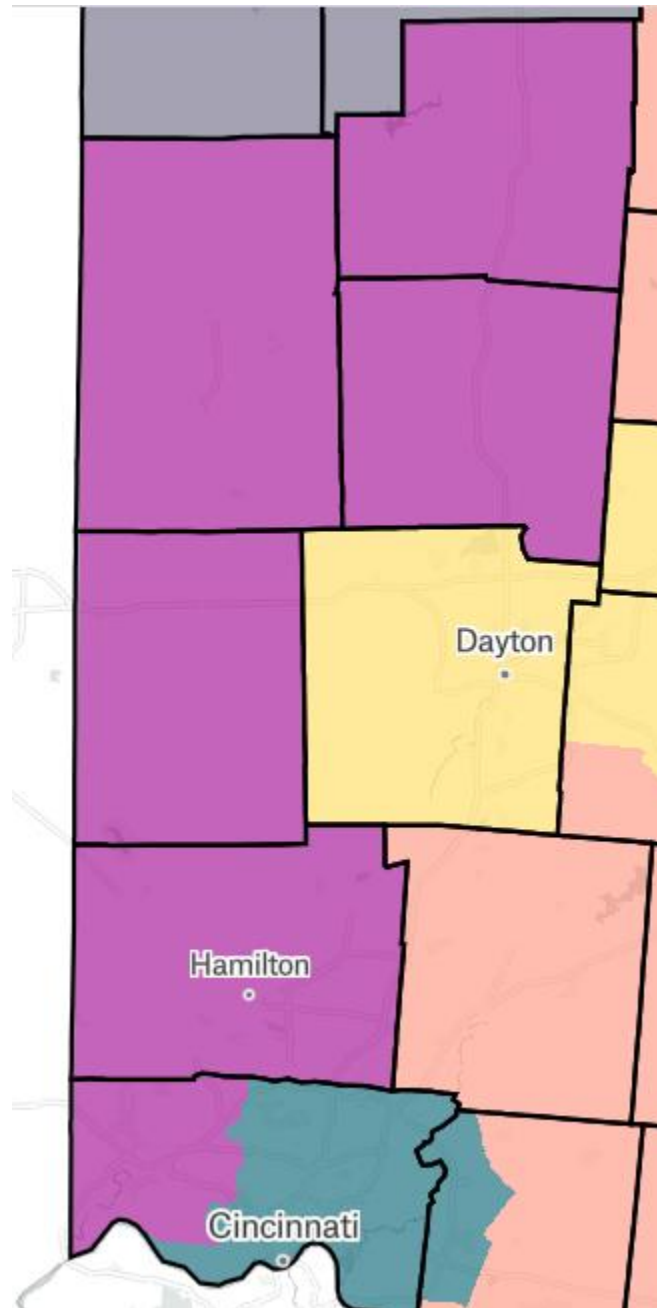


Figure 15: Proposed U.S. Congressional District 14 (purple) includes the entirety of Shelby, Miami, Darke, Preble, and Butler Counties as well as part of Hamilton County.

- Counties: Shelby, Miami, Darke, Preble, Butler, Hamilton (part)
- Major Municipalities: Hamilton, Fairfield (in Butler County), Middletown, Sidney, Piqua, Troy, Oxford
- 2016-2020 Composite Votes: 30.01%/67.68% (Democrat/Republican)—according to DRA

- 2016-2020 Composite PVI: R+21—according to DistrictBuilder.org
- Population: 802,566
- Variance (from CRR): +15,936 (+2.03%)
- Minority %: 15.96%

Table 15: Summary of townships and municipalities in Hamilton County in District 14

Municipality/Township	Type	Population	District	District 14 Population	District 15 Population
Harrison	City	12563	14	12,563	
Addyston	Village	927	14	927	
Cleves	Village	3414	14	3,414	
North Bend	Village	835	14	835	
Colerain	Township	59239	14	59,239	
Crosby	Township	3682	14	3,682	
Green	Township	60424	14	60,424	
Harrison	Township	4073	14	4,073	
Miami	Township	10793	14	10,793	
Whitewater	Township	6375	14	6,375	
TOTAL		162,325		162,325	0

District 15 (Cincinnati, Eastern Hamilton County):

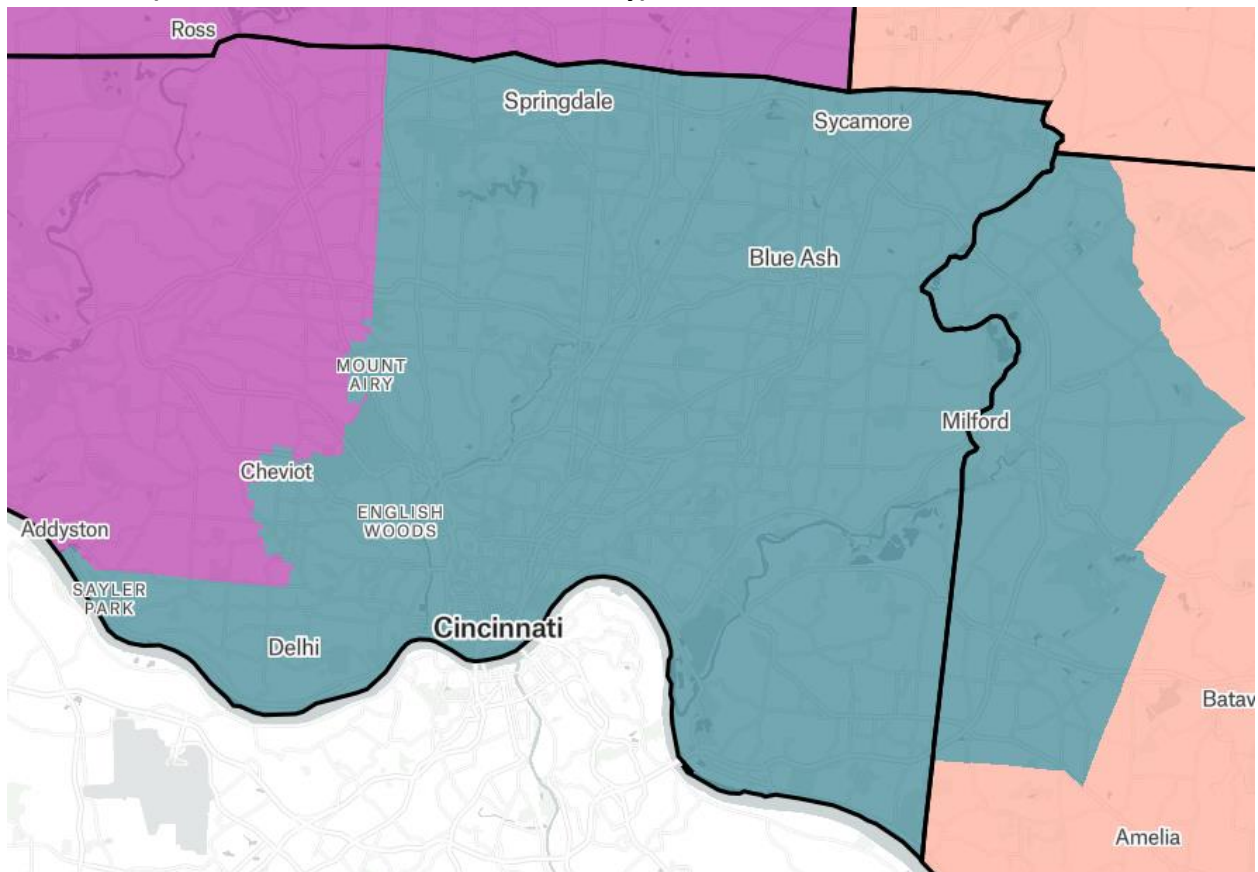


Figure 16: Proposed U.S. Congressional District 15 (turquoise) includes parts of Hamilton and Clermont Counties.

- Counties: Hamilton (part), Clermont (part)
- Major Municipalities: Cincinnati, Forest Park, Norwood, Fairfield (in Hamilton County)
- 2016-2020 Composite Votes: 55.70%/42.01% (Democrat/Republican)—according to DRA
- 2016-2020 Composite PVI: D+8—according to DistrictBuilder.org
- Population: 771,019
- Variance (from CRR): -15,611 (-1.98%)
- Minority %: 34.43%

Table 16: Summary of townships and municipalities in Clermont County in District 15

Municipality/Township	Type	Population	District	District 13 Population	District 15 Population
Loveland	City	2,568	15		2,568
Milford	City	6,555	15		6,555
Miami	Township	43,943	15		43,943
Union	Township	49,639	15		49,639
TOTAL		102,705		0	102,705

Table 17: Summary of townships and municipalities in Hamilton County in District 15

Municipality/Township	Type	Population	District	District 14 Population	District 15 Population
Blue Ash	City	13394	15		13,394
Cheviot	City	8658	15		8,658
Cincinnati	City	309317	15		309,317
Deer Park	City	5432	15		5,432
Fairfield	City	0	15		0
Forest Park	City	20189	15		20,189
Village of Indian Hill	City	6087	15		6,087
Loveland	City	9705	15		9,705
Madiera	City	9487	15		9,487
Milford	City	27	15		27
Montgomery	City	10853	15		10,853
Mount Healthy	City	6996	15		6,996
North College Hill	City	9663	15		9,663
Norwood	City	19043	15		19,043
Reading	City	10600	15		10,600
Sharonville	City	11572	15		11,572
Springdale	City	11007	15		11,007
Wyoming	City	8756	15		8,756
Amberley	Village	3840	15		3,840
Arlington Heights	Village	823	15		823
Elmwood Place	Village	2087	15		2,087
Evendale	Village	2669	15		2,669
Fairfax	Village	1768	15		1,768
Glendale	Village	2298	15		2,298
Golf Manor	Village	3814	15		3,814
Greenhills	Village	3741	15		3,741
Lincoln Heights	Village	3144	15		3,144
Lockland	Village	3514	15		3,514
Mariemont	Village	3518	15		3,518
Newtown	Village	2702	15		2,702
Silverton	Village	4908	15		4,908
St. Bernard	Village	4070	15		4,070
Terrace Park	Village	2355	15		2,355
Woodlawn	Village	3916	15		3,916
Anderson	Township	44088	15		44,088
Columbia	Township	4446	15		4,446
Delhi	Township	28760	15		28,760
Springfield	Township	35862	15		35,862
Sycamore	Township	19563	15		19,563
Symmes	Township	15642	15		15,642
TOTAL		668,314		0	668,314