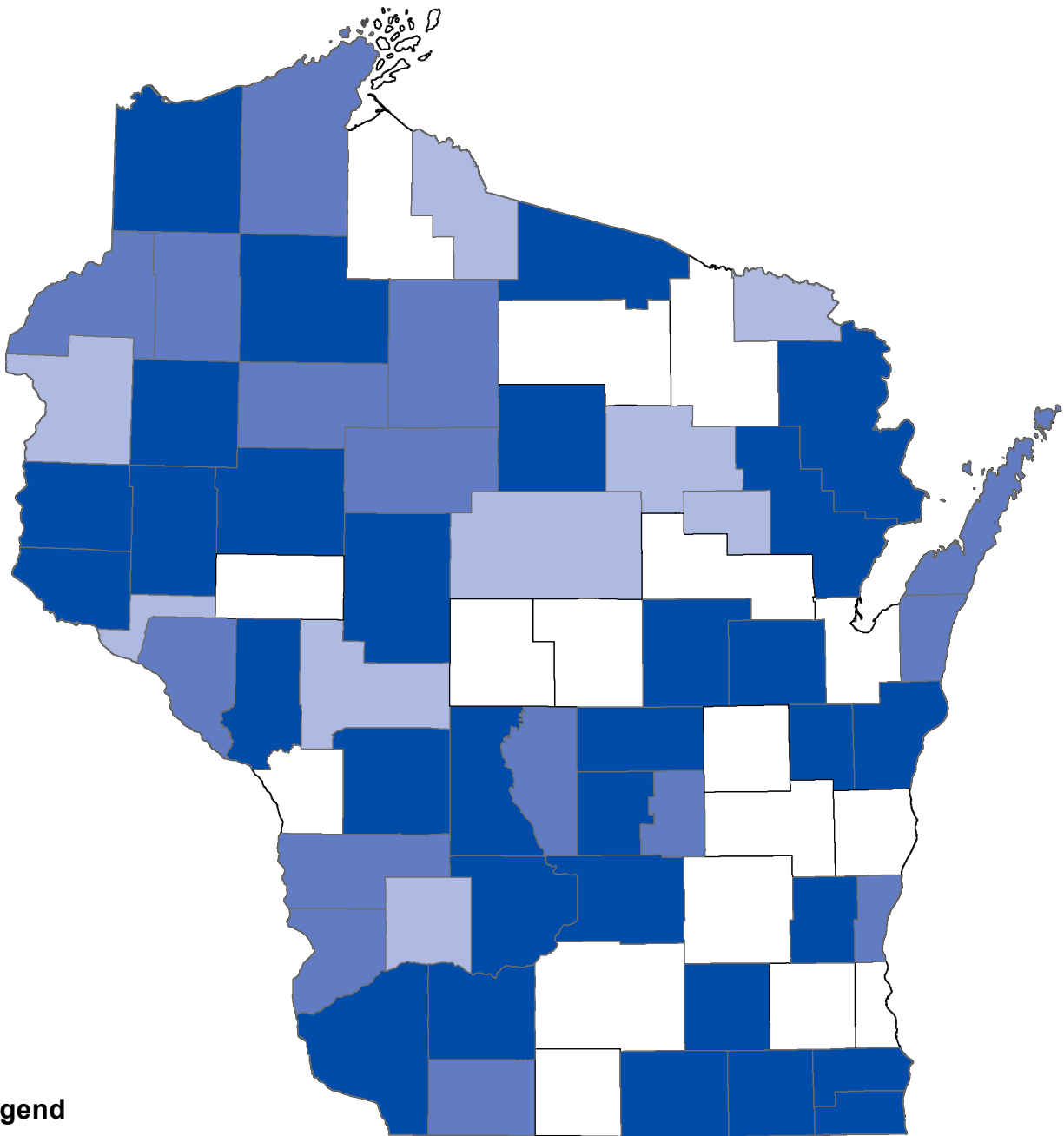


Number of Psychiatrist FTEs Needed to Remove Shortages for the Resident Population





September 2019



Legend

Mental Health

of psychiatrists needed to remove shortages

-  ≤ 0
-  > 0.0 to 1.0
-  > 1.0 to 2.0
-  > 2.0 to 10.0

Wisconsin Department of Health Services
Division of Public Health
Wisconsin Primary Care Office
<http://www.dhs.wisconsin.gov/primarycare/index.htm>



Map Notes:

- This map and data show the number of full-time equivalent psychiatrists (psychiatrist FTEs) that it would take to eliminate a significant psychiatrist shortage for the general population (resident civilians) based on calendar year 2018 data. See data definitions below.
- Removing a significant shortage means having a ratio of 10,000 population to 1.0 FTE psychiatrist or lower, as defined by the federal Shortage Designation branch. Note: This is not an optimal ratio.
- The threshold for federal designation of a Health Professional Shortage Area (HPSA: see data table) is a ratio of 20,000 population to 1.0 psychiatrist FTE or greater.
- Data are not available to describe shortages of other types of providers in the state mental health workforce.
- Data are not reported for the number of psychiatrist FTEs by county, because the number of FTEs is very small for most counties and does not allow for the protection of provider privacy.
- The map and data are intended to help identify areas of the state where “safety net” clinic expansion can most efficiently help improve access to mental health care for low-income and uninsured populations.
- This data report and map were prepared by the Department of Health Services- Primary Care Office and contracted staff at the Wisconsin Primary Health Care Association, with funding from the Health Resources & Services Administration (HRSA) State Primary Care Office grant.
- More information on federally designated mental health HPSAs and HPSA-linked benefits is available on [the Wisconsin Primary Care Office website](#).

Data Definitions and Sources:

Psychiatrist FTEs needed to reduce significant shortages:

The number of psychiatrist FTEs needed to reduce a significant shortage for the resident civilian population is calculated by using the same formula used by the [federal Shortage Designation Branch](#) to calculate the number of psychiatrists short for a designated mental health HPSA:

$$\begin{aligned} &\# \text{ psychiatrist FTEs to meet needs for resident civilian population} - \# \text{ psychiatrist FTEs providing care} \\ &= \text{FTEs needed to reduce shortage (map)} \end{aligned}$$

Resident Civilian Population:

The total number of people who are “usually resident” in an area, and does not include Armed Forces personnel who are outside the U.S. or inmates of institutions (2013-2017 American Community Survey 5-Year Estimates).

Psychiatrist FTEs providing outpatient care:

This is the number of full-time equivalent general, adult, child and adolescent psychiatrists (MDs and Dos) who provided face-to-face mental health care to patients in an outpatient setting, and does not include telehealth or inpatient care, administration, teaching or research time. This psychiatrist FTE data

was collected by the Wisconsin Primary Health Care Association, using a survey of clinics and county human service agencies that provide outpatient mental health care.

Number of Psychiatrists Needed to Reduce Significant Shortage

(notes on last page)

County	# Psychiatrists needed to remove shortage*	Resident civilian population	Mental Health HPSA status (as of September 2019)
Adams	1.01	20,111	Full County
Ashland	(1.42)	15,779	Full County
Barron	3.34	45,358	Full County
Bayfield	1.50	15,004	Full County
Brown	(1.40)	258,004	
Buffalo	1.32	13,243	Full County
Burnett	1.25	15,239	Full County
Calumet	4.82	49,737	
Chippewa	5.74	63,445	Full County
Clark	3.18	34,513	Full County
Columbia	4.98	56,790	Full County
Crawford	1.38	16,313	Full County
Dane	(155.72)	522,837	
Dodge	(0.77)	87,833	Full County
Door	1.89	27,443	Full County
Douglas	2.95	43,503	Full County
Dunn	4.03	44,260	
Eau Claire	(15.61)	102,388	
Florence	0.44	4,354	Full County
Fond du Lac	(2.97)	102,082	
Forest	(0.10)	9,035	Full County
Grant	4.52	51,742	Full County
Green	(3.01)	36,869	
Green Lake	1.25	18,745	Full County
Iowa	2.36	23,576	Full County
Iron	0.47	5,748	Full County
Jackson	0.23	20,531	Full County
Jefferson	5.46	84,586	Full County
Juneau	2.34	26,427	Full County
Kenosha	7.79	167,886	Full County
Kewaunee	1.84	20,378	Full County
La Crosse	(10.44)	117,582	
Lafayette	1.33	16,755	Full County
Langlade	0.87	19,190	Full County
Lincoln	2.42	27,994	Full County

Manitowoc	4.64	79,680	
Marathon	0.48	135,293	Full County
Marinette	3.00	40,712	Full County
Marquette	4.07	15,164	Full County
Menominee	0.25	4,506	Full County
Milwaukee	(18.32)	956,586	Partial
Monroe	4.53	45,303	
Oconto	3.47	37,465	Full County
Oneida	(2.69)	35,352	
Outagamie	5.33	183,288	
Ozaukee	1.28	87,817	
Pepin	0.12	7,282	Full County
Pierce	3.87	41,226	Full County
Polk	0.61	43,328	Full County
Portage	(2.09)	70,371	Full County
Price	1.36	13,566	Full County
Racine	9.91	195,101	
Richland	0.49	17,626	Full County
Rock	3.20	161,226	Full County
Rusk	1.42	14,211	Full County
Sauk	6.71	87,142	Full County
Sawyer	6.33	63,340	Full County
Shawano	(0.94)	16,384	Full County
Sheboygan	(6.09)	41,136	Full County
St. Croix	5.23	115,094	
Taylor	1.83	20,344	Full County
Trempealeau	2.45	29,510	Full County
Vernon	1.46	30,378	Full County
Vilas	2.15	21,465	Full County
Walworth	7.69	102,917	Full County
Washburn	1.56	15,638	Full County
Washington	9.10	133,967	
Waukesha	(52.00)	396,731	
Waupaca	4.07	51,651	Full County
Waushara	2.19	24,170	Full County
Winnebago	(11.00)	169,540	
Wood	(6.43)	73,427	

Table Notes:

***# Psychiatrist FTEs needed to remove a shortage**

Negative number FTEs:

There is a negative number of FTEs for 17 areas: Ashland, Brown, Dane, Dodge, Eau Claire, Fond du Lac, Forest, Green, La Crosse, Milwaukee, Oneida, Portage, Shawano, Sheboygan, Waukesha, Winnebago and Wood counties. This indicates that their population to psychiatrist ratio is better than the threshold which defines a “significant shortage” for their area. Although the data for these 17 areas does not show a significant psychiatrist shortage for the area, psychiatrists in these areas very likely serve patients from surrounding areas. Thus, the reported negative number of psychiatrists needed is likely to overstate the availability of psychiatrist services in these 17 areas and understate the availability of psychiatrist services in surrounding areas.

Mental health HPSA status:

To be eligible for federal designation as a mental health HPSA, an area must have a population to psychiatrist ratio of 20,000: 1.0 FTE or higher and must lack access to psychiatrists in contiguous (surrounding) areas.

Table Key:

- **Full County:** indicates the entire county is included in a current mental health HPSA designation(s).
- **Partial:** indicates that a portion of the county is located within a designated HPSA, usually a group of rural minor civil divisions (towns, villages) or census tracts in the inner city of the county.

For more information on provider recruitment and retention benefits which are linked with HPSA designation, see [the Primary Care Office web page](#).