

Metadata: Theme 3

Federal Workforce Shortage Designations

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Notes

The Federal Workforce Shortage Designations theme of the Bowen Health Workforce Information Portal (HWIP) presents supply data for the professions that are included in the Health Resources and Services Administration evaluation and identification of primary care and dental health professional shortage area (HPSA) designations. Data presented in this theme are generated as a part of the Indiana Primary Care Needs Assessment and shortage designation activities conducted by the Indiana Primary Care Office at the Indiana State Department of Health.

These data are obtained through online surveys administered during the biennial license renewal process. These data are supplemented through additional data collection conducted by the Bowen Center for Health Workforce Research & Policy. Through this primary data collection process data is completed for all non-respondents and missing data. The Bowen Center's data collection and verification protocol is available at <http://hdl.handle.net/1805/11773>.

Supply data in this theme include Primary care physicians and general dentists as defined by HRSA. Primary care physician specialties include General/Family Medicine, Pediatricians (General), Internal Medicine (General), or Obstetrics/Gynecology. General dentistry specialties include general or pediatric dentistry. Users may visualize the data based on selected geographies including County, Area Health Education Center Regions, Economic Growth Regions, and Public Health Preparedness Districts. These data were collected during the 2015-2017 biennial licensure renewal period.

The data presented in the interactive mapper only takes into account geographic criterion for HPSA designation as it is the highest level of qualification. However, areas that do not meet the designation requirements for provider to population ratio may qualify based on other HPSA criterion including population characteristics such as a low income population. *Indicator definitions are provided on the next page.*

Data Source

Bowen Center for Health Workforce Research & Policy. (2017). Indiana Health Professions Dataset: Federal Workforce Shortage Designations. IUPUI University Library. <http://dx.doi.org/10.7912/D2TG67>.

Indicator Definitions

Full Time Equivalent (FTE) represents the hours worked in direct patient care by one provider on a full-time basis. FTE is converted from self-reported hours worked in direct patient care by dividing number of hours worked by the number of hours in a standard 40 hour workweek. Assignment to a specific geographic region is based off of self-reported primary practice location.

Population per FTE Ratio is calculated by dividing the total population for a specified geographic region by the sum of providers' full time equivalent for the same region. Population data was obtained from the 2015 American Community Survey 5-year Population Estimates.

Low-Income FTE represents the sum of FTEs for providers who self-report serving low-income populations (income at or below the 200% Federal Poverty Level).

Low-Income Population to FTE Ratio is calculated by dividing the total low-income (200% Federal Poverty Level) population for a specified geographic region by the sum of low-income providers' FTE for the same geographic region. Population data was obtained from the 2015 American Community Survey 5-year Population Estimates.

Proportion J1 Visas represents the proportion of physicians who hold a J1 Visa and is calculated by dividing the sum of J1 Visa holders from the sum of physicians in the specified geographic region.