

HEALTH WORKFORCE STUDIES PROGRAM

# DATA REPORT

## 2012 INDIANA MENTAL HEALTH PROFESSIONALS LICENSURE SURVEY

**Produced by:**

Health Workforce Studies Program

Department of Family Medicine Indiana University School of Medicine

**In Collaboration with:**

Indiana Area Health Education Centers Program

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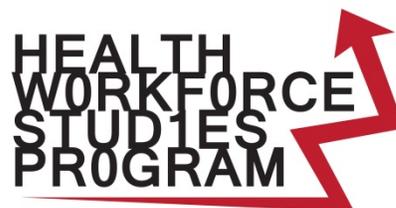
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October 2014



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## EXECUTIVE SUMMARY

Indiana's mental health workforce brings together health care providers from many different professional and educational backgrounds including licensed mental health providers (social workers, clinical social workers, marriage and family therapists, and mental health counselors), psychologists, psychiatrists, and psychiatric/mental health advanced practice nurses (PAPNs). The latest supply data suggest that Indiana has 5,183 licensed mental health professionals, including: 3,687 licensed mental health professionals (LMHPs) in the state in 2012; 1,064 psychologists in 2012; 356 psychiatrists in 2013; and 77 PAPNs who responded to a sample survey in 2014. The demographics vary by profession, but most are comprised of a majority of females and all have a large majority of white, non-Hispanic practitioners. LMHPs were, on average, the youngest profession and psychiatrists were the oldest.

Most mental health professionals report working 40 or more hours per week and report spending the majority of their time in direct patient care. Men and younger professionals tended to work longer hours. Mental health professionals were concentrated in populous, urban counties. Statewide, there were 74.1 mental health professional FTEs per 100,000 population. However, many counties had no mental health professionals and rural counties were particularly lacking.

Psychiatrists are a key component of the mental health workforce, but are a shrinking and aging sector. Forty-three Indiana Counties have no practicing psychiatrists and a total of 62 counties have one or fewer full-time psychiatrists. Furthermore, two-thirds of psychiatrists were trained outside of Indiana pointing to insufficiencies in the local pipeline of psychiatrists to replace those who retire or leave the state. Recruiting and retaining psychiatrists (and other mental health professionals) as well as improving the geographic distribution of mental health professionals around the state are strategies that should be explored to improve access to and quality of mental health care in Indiana. Cultivation a more racially and ethnically diverse workforce to better reflect the demographics of Indiana's population may help improve care for minorities around the state.

## INTRODUCTION

### Preface

The 2012 Indiana Mental Health Professionals Technical Report is developed by the Health Workforce Studies Program at Indiana University Department of Family Medicine. The report presents key information and data collected from the biennial Mental Health Professional Re-licensure Survey administered by the Indiana Professional Licensing Agency (IPLA). The report identifies major trends and includes key data on the mental health workforce that may be used to promote meaningful policy discussion and inform evidence-based policy development.

Understanding the status of Indiana's healthcare workforce is critical to ensuring that Indiana residents have access to high quality care, to developing programs that will train practitioners to meet future needs, and to recruiting and retaining healthcare professionals in Indiana. Indiana's mental health workforce is comprised of clinical social workers, social workers, marriage and family therapists, mental health counselors, psychiatric nurses, psychologists, and psychiatrists. In this report, clinical social workers, social workers, marriage and family therapists, and mental health counselors are collectively referred to as Licensed Mental Health Professionals (LMHPs).

The technical report is broken into two major components. The first component provides an overview of the mental health professions in Indiana including inclusion criteria, workforce distribution, and trends. Data for each of these professions is presented in separate sections. The second component of the report includes key data tables, which are listed in the table of contents.

### Methods

The Indiana Professional Licensing Agency (IPLA) administers a survey to LMHPs, psychologists, and psychiatrists as part of each profession's biennial license renewal process. All mental health professionals who renewed their license electronically were invited to complete a voluntary survey instrument. Psychiatric advanced practice nurses renew their license as registered nurses but are not distinguished in licensure datasets from other registered nurses. Thus, the report authors in collaboration with Indiana State Nurses Association (ISNA) developed and administered a survey instrument to Indiana's psychiatric advanced practice nurses.

The data used for this report were extracted from the each profession's survey data files provided by the Indiana Professional Licensing Agency (IPLA) through the Indiana State Department of Health (ISDH). All individuals who renewed their license online and responded to the voluntary survey were initially filtered to include only those with an active or probationary license status. PAPN survey

data was downloaded separately, but was cleaned and analyzed in the same manner as other mental health professions. The datasets was further refined by excluding individuals who indicated that they were not actively practicing in mental health or reported practicing outside of Indiana. A complete methodology and the survey instruments used to collect data can be found online at:

<http://ahec.iupui.edu/indiana-center-for-health-workforce-studies-reports/>.

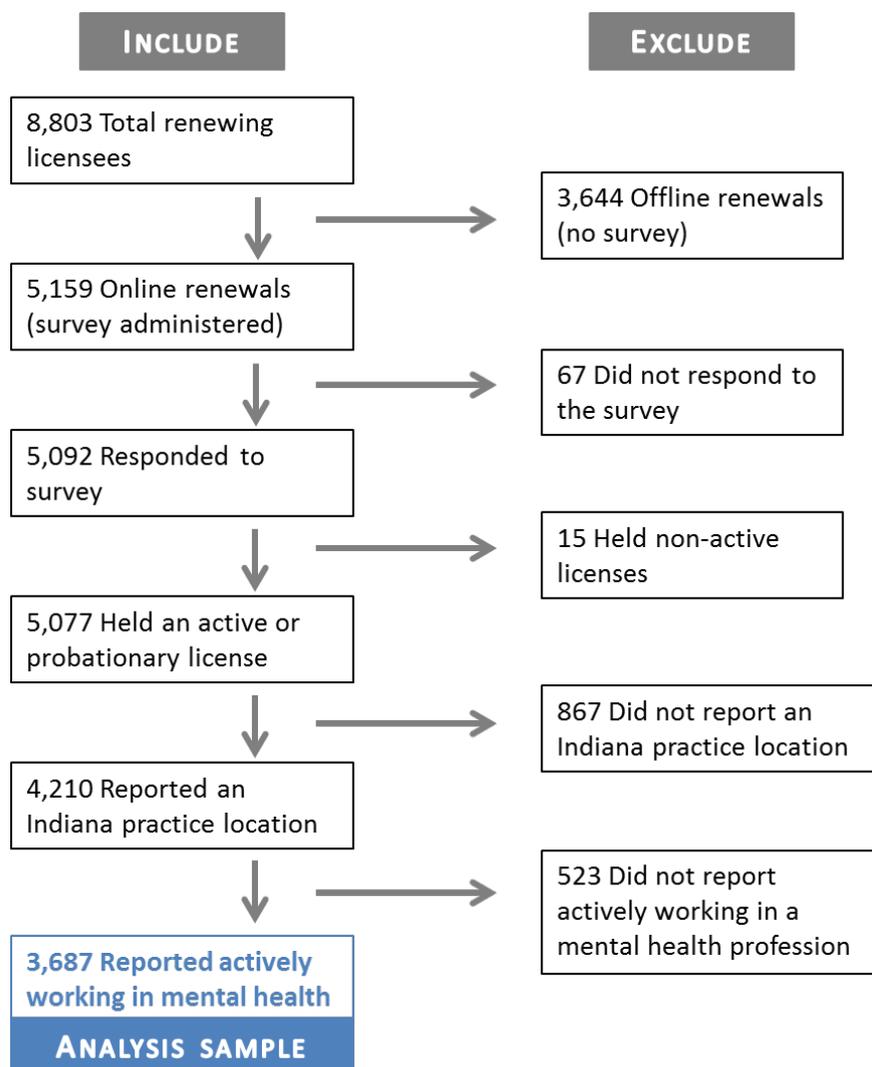
**INDIANA'S MENTAL HEALTH WORKFORCE**

## Section 1: Licensed Mental Health Professionals (LMHPs)

### Inclusion Criteria

Clinical social workers, social workers, marriage and family therapists, and mental health counselors are collectively referred to as licensed mental health professionals (LMHPs) throughout this report and were surveyed together. There were 8,803 LMHPs who renewed their license in 2012. Of these, 3,687 were included in this analysis who held active licenses and indicated on the survey that they were practicing in an Indiana zip code (see Figure 2.1). The survey had a 98.7 percent response rate.

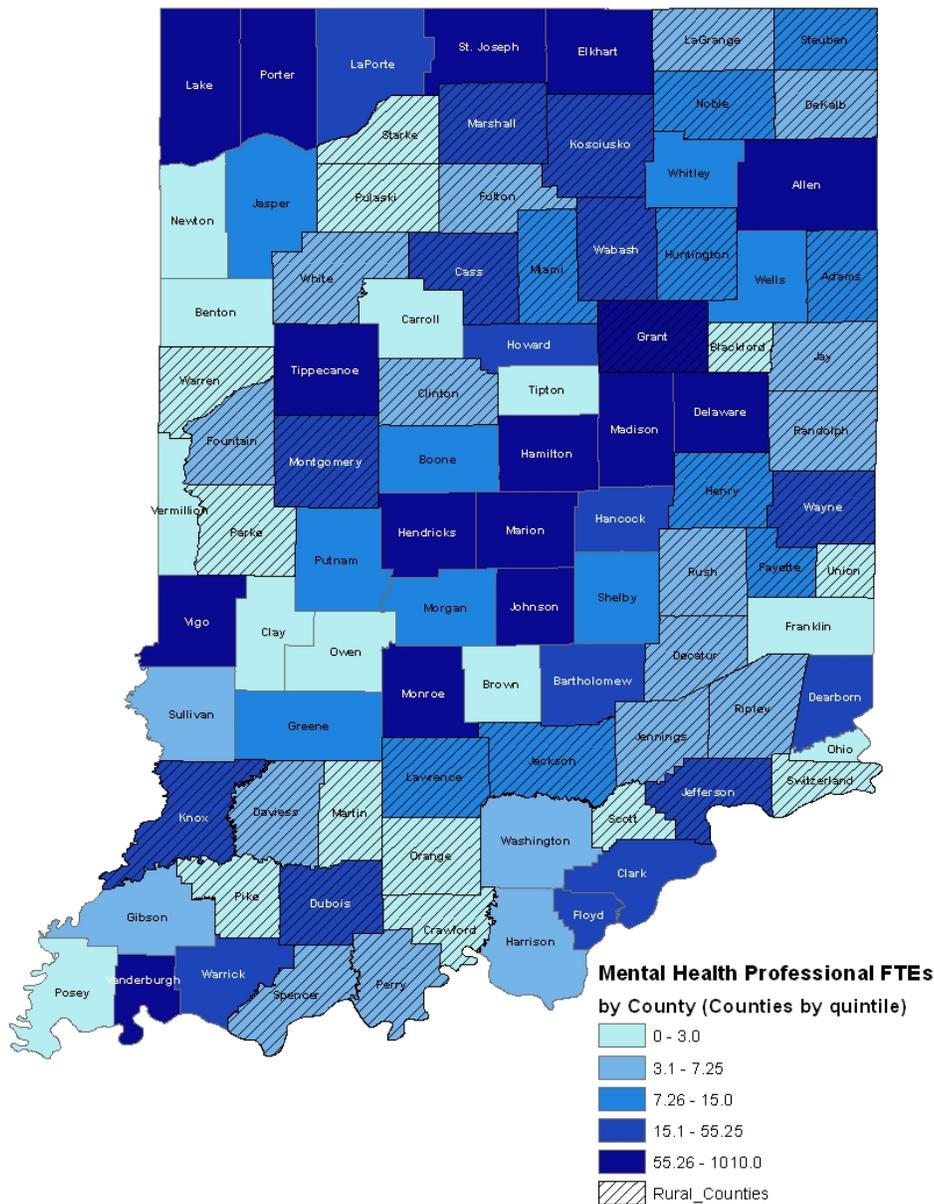
**Figure 2.1 Inclusion and Exclusion Criteria for Indiana LMHPs**



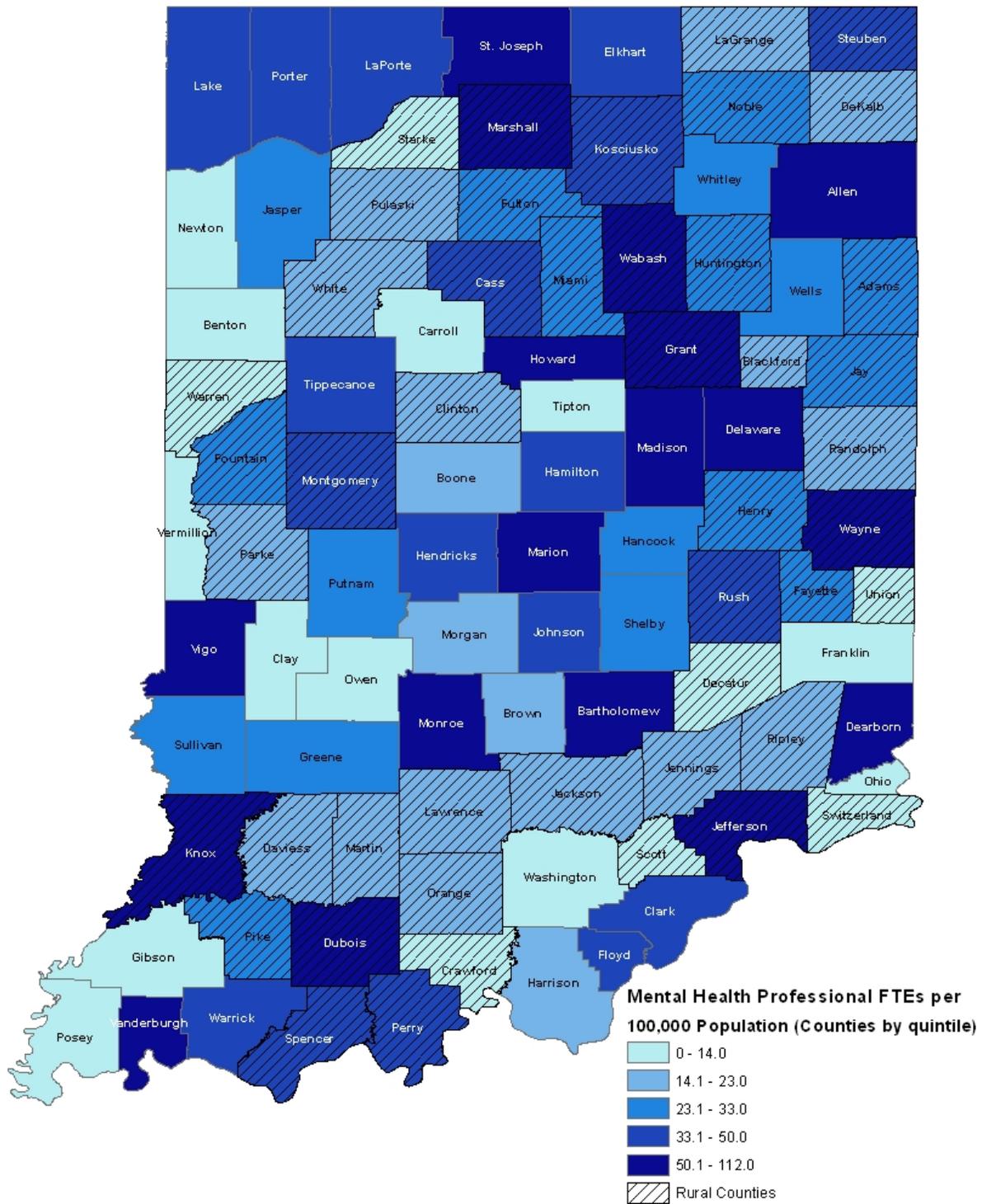
**Workforce Distribution**

The most populous counties had the highest numbers of LMHP full-time equivalents (FTEs). Marion County had the highest number of LMHP FTEs (1,009.5) and the highest ratio of LMHP FTEs per 100,000 population (111.7). Statewide, the ratio of LMHPs to population was 53.2 LMHP FTEs per 100,000 population. There were five counties in which no LMHPs reported practicing. Map 2.1 shows the number of LMHP FTEs in each county and Map 2.2 shows the ratio of LMHP FTEs to 100,000 population in each county.

**Map 2.1 LMHP FTEs in Indiana Counties, 2012**



Map 2.2 LMHP FTEs per 100,000 Population in Indiana Counties, 2012



### Workforce Trends: 2004 to 2012

Figure 2.2 shows the total number of LMHP licenses renewed and the total number of licenses held by actively practicing, Indiana-based LMHPs from 2004 to 2012 (no data were collected in 2008). The total number of renewed licenses increased from 7,259 in 2004 to 9,690 in 2012. (Please note that because some individuals held multiple licenses the number of *licenses* exceeds the number of individuals holding them.) The number of active licenses held by individuals who report practicing in Indiana showed a slight increase over the time period, but it did not increase at the same rate as the overall number of licenses.

**Figure 2.2 LMHP Licenses 2004 to 2012**

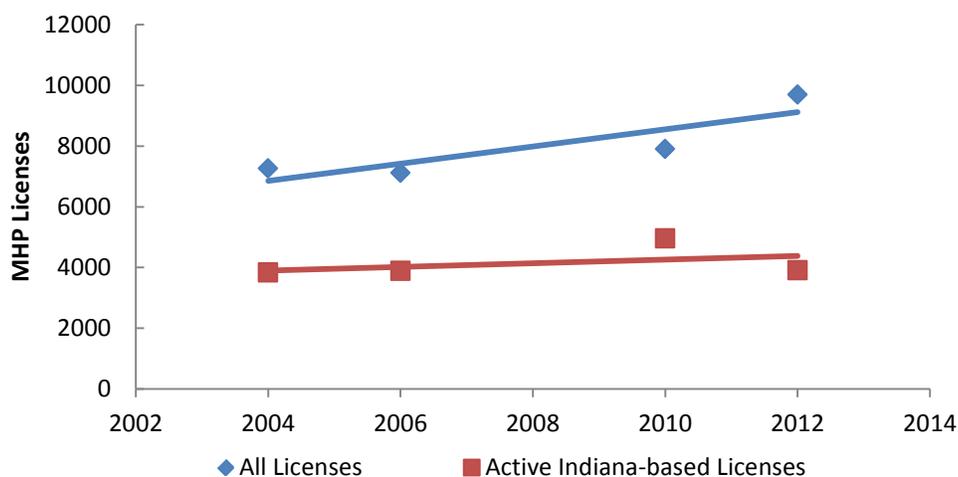
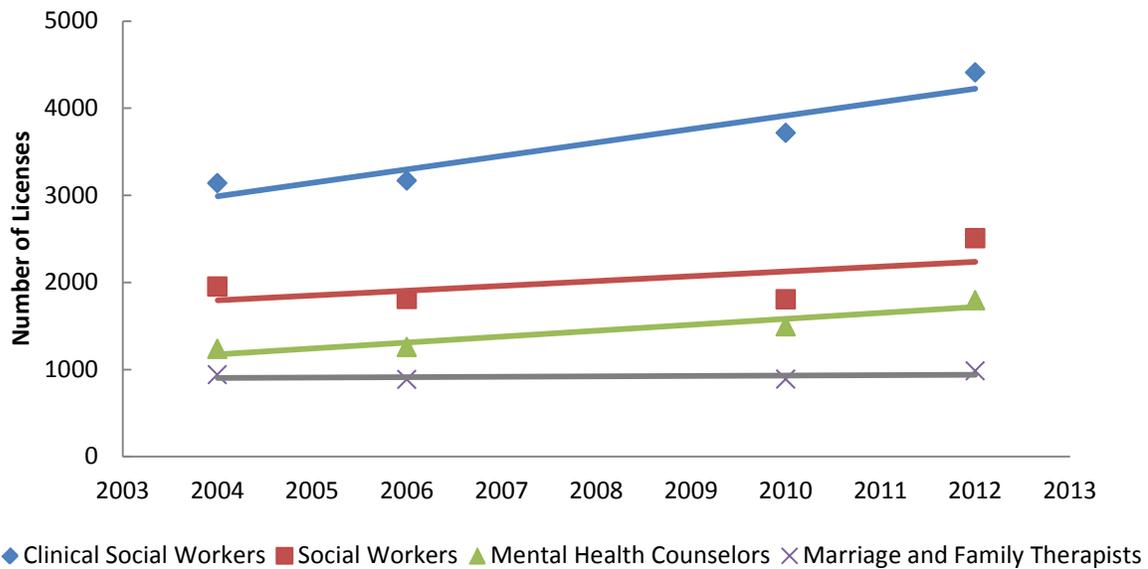


Figure 2.3 shows the number of all LMHP licenses by profession from 2002 to 2012 (no data were collected in 2008). The number of clinical social worker licenses rose most rapidly, from 3,136 in 2004 to 4,409 in 2012. Clinical social workers were also the largest group in each renewal cycle. The number of social worker and mental health counselor licenses also grew over this time period, but not to the same extent as the number of clinical social worker licenses. The number of marriage and family therapists has remained relatively constant over the time period (938 in 2004; 983 in 2012).

Figure 2.3 LMHP License Types 2004 to 2012



### Summary

In 2012, the majority of LMHPs were white (93.2%), female (79.3%), and not of Hispanic origin (98.1%). The mean age of LMHPs was 48.9 years old. Over 90 percent (92.2%) of LMHPs under 35 years old were female indicating that females are entering the field in greater numbers than males. The racial distribution of LMHPs was less diverse than the Indiana population in general. Spanish was the most commonly spoken second-language (1.6%), but the majority of LMHPs (96.3%) did not report fluency in a second language.

The most common professions among LMHPs were clinical social workers and social workers. Together these professions accounted for 68.1 percent of all LMHPs. A small proportion of LMHPs (8.3%) held more than one active license in a mental health profession. The majority of respondents (91.8%) indicated that they spent their professional time in direct client care or client-care–related activities. More than one in five respondents (22.4%) spent some professional time in a teaching role. Two-thirds (67.8%) of all respondents worked 40 or more hours per week. Males tended to work longer hours than females (77% of males vs. 65.5% of females reported working 40 or more hours per week) and younger LMHPs tended to work longer hours than older LMHPs. Three of four LMHPs (73.7%) indicated that they were at least 10 years from retiring with 6.6 percent reporting that they plan to retire within the next one to three years.

Anxiety disorders (49.1%), general mental health (44.2%), and adolescent counseling (34.4%) were the most common specialties among LMHPs. Survey respondents listed an average of six specialty areas each indicating that LMHPs, like other mental health professionals, fill a wide variety of roles in their communities.

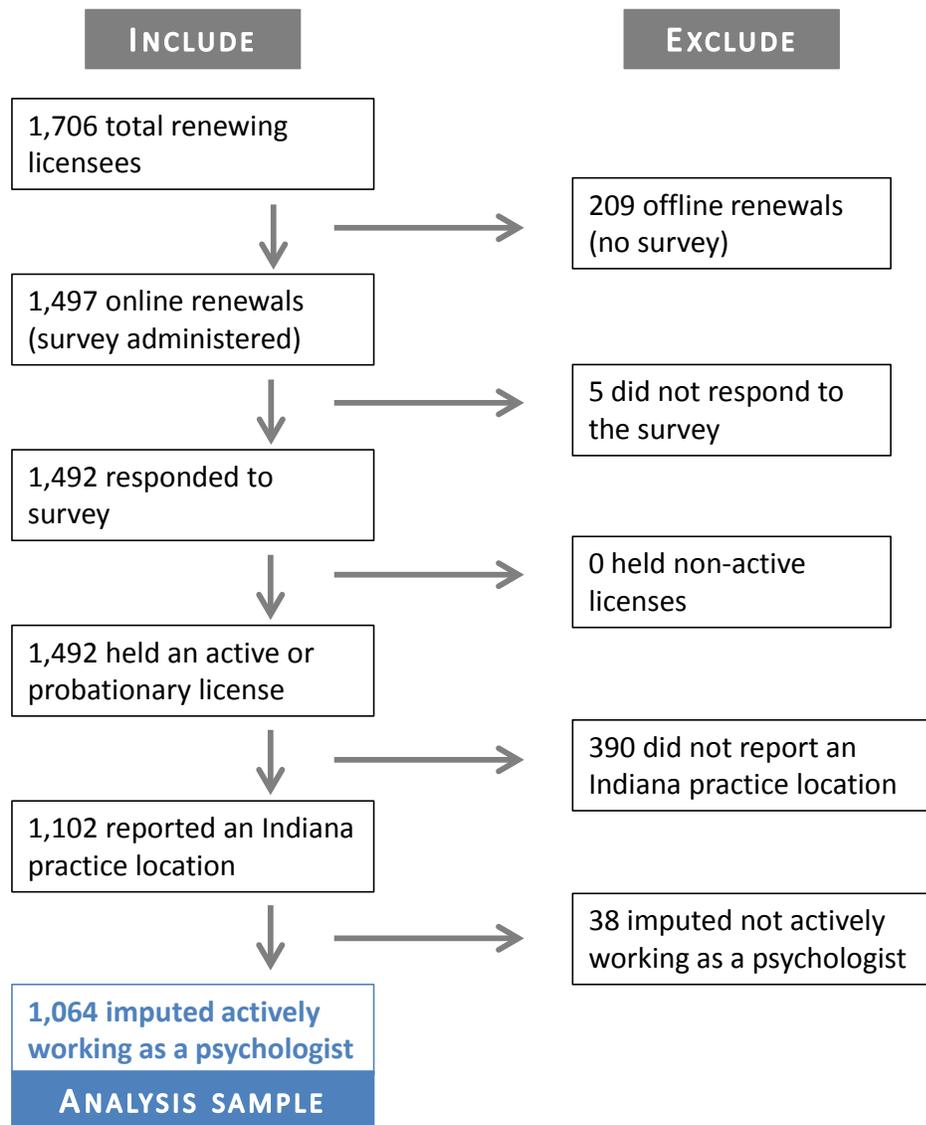
A full set of tables describing the LMHP workforce can be found in the Data Tables section of the report. The tables contain only individuals who met all inclusion criteria and responded to the 2012 LMHP re-licensure survey.

## Section 2: Psychologists

### Inclusion Criteria

There were 1,706 psychologists who renewed their license in 2012. Of these, 1,064 were included in this analysis who held active licenses and indicated on the survey that they were practicing in an Indiana zip code (see Figure 3.1). The survey had a 99.7 percent response rate.

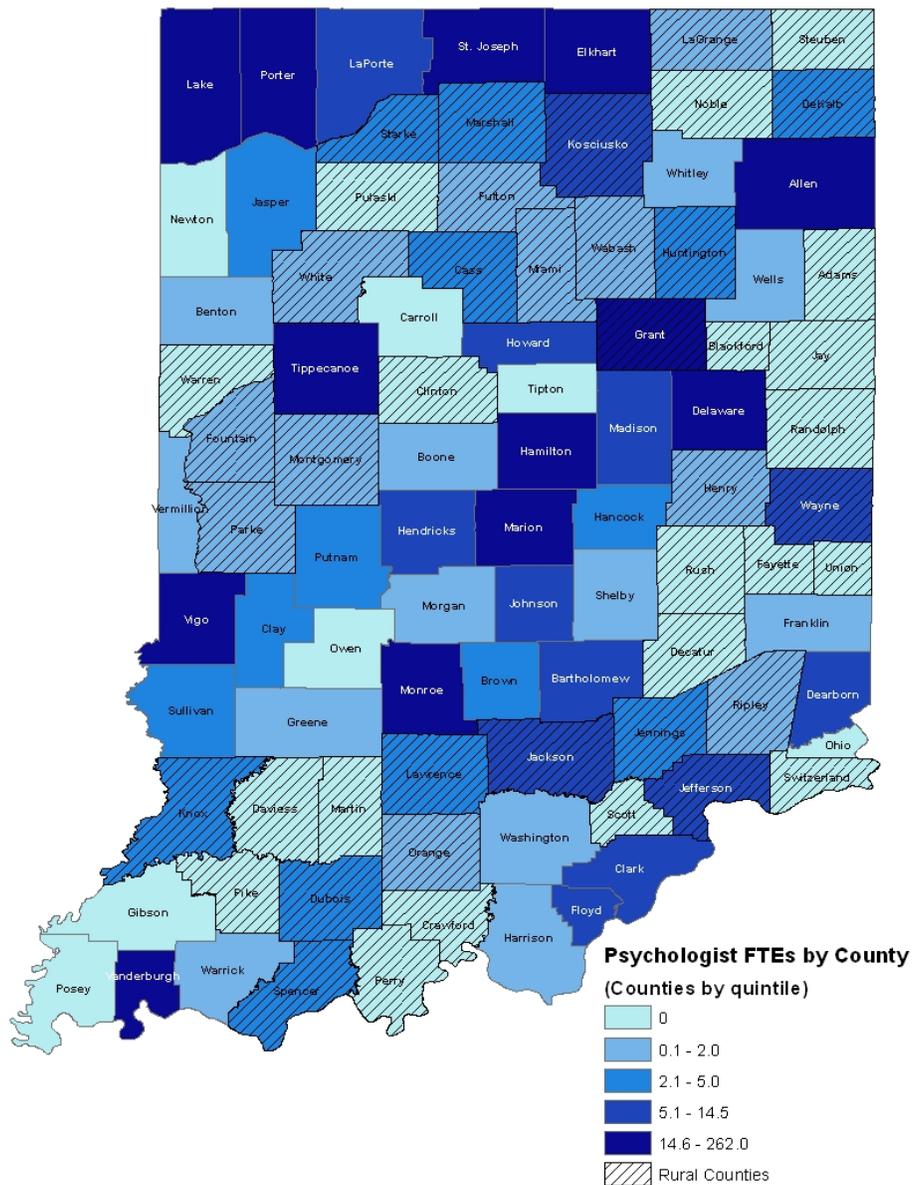
**Figure 3.1 Inclusion and Exclusion Criteria for Indiana Psychologists**



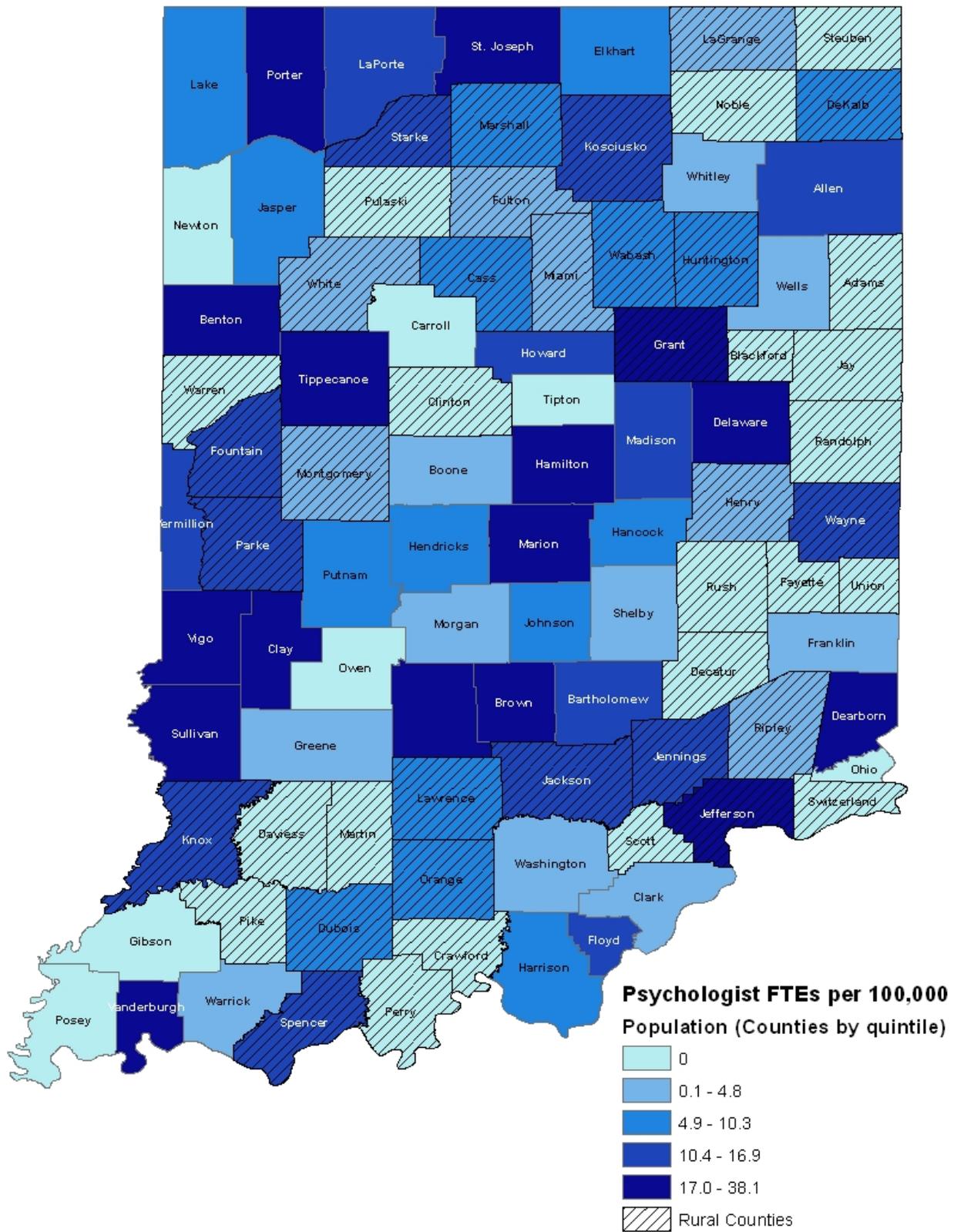
**Workforce Distribution**

Psychologists were concentrated in Marion County (261.5 FTEs), but the counties with the highest ratio of psychologist FTEs per 100,000 population tended to be less populous. The highest ratio was in Monroe County (38.1 FTEs per 100,000 population). Statewide, the ratio of psychologists to population was 15.3 psychologist FTEs per 100,000 population. There were 27 counties in which no psychologist reported practicing. Map 3.1 shows the number of psychologist FTEs in each county and Map 3.2 shows the ratio of psychologist FTEs to 100,000 population in each county.

**Map 3.1 Psychologist FTEs in Indiana Counties, 2012**



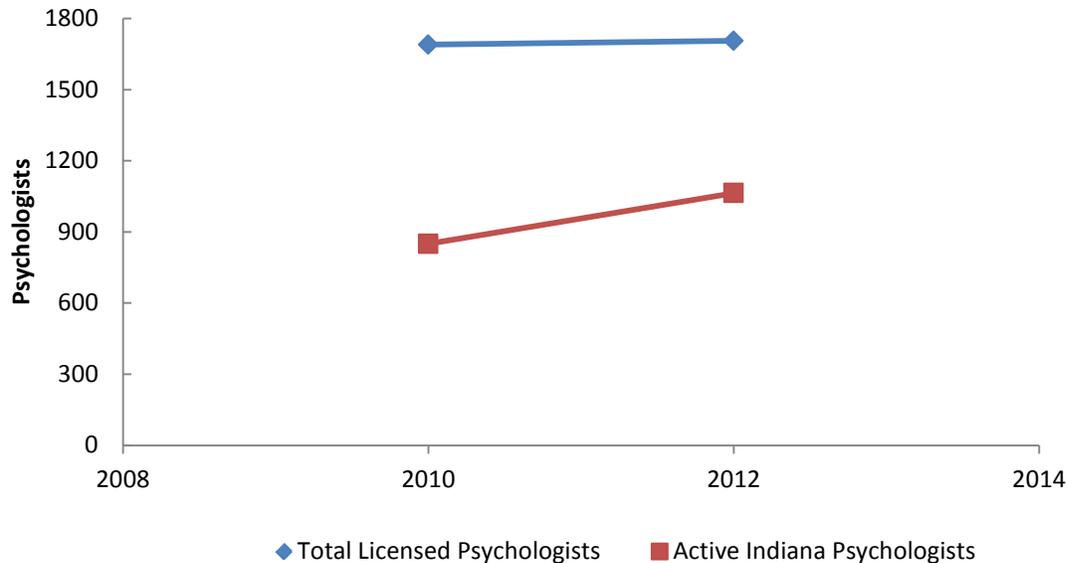
Map 3.2 Psychologist FTEs per 100,000 Population in Indiana Counties, 2012



### Workforce Trends: 2010 to 2012

Figure 3.2 compares the total number of licensed psychologists in Indiana to the number of actively practicing, Indiana-based psychologists in 2010 and 2012. The total number of licensed psychologists increased slightly from 1,690 in 2010 to 1,706 in 2012, but the number of active, Indiana-based psychologists showed a more pronounced jump, from 850 in 2010 to 1,064 in 2012.

**Figure 3.2 Total and Active Indiana Psychologists from 2010 to 2012**



### Summary

Psychologists were split evenly by gender (53.1% female), and the majority were white (93.5%) and not of Hispanic origin (98.1%). The mean age of psychologists was 52.2 years old. Psychologists were less diverse than the Indiana population in general. Overall, psychologists were evenly split between males and females, but 76.3 percent of psychologists under age 35 were female indicating that females are entering the field in greater numbers than males. Spanish was the most commonly spoken second-language (2.4%) among psychologists; over five percent of psychologists reported speaking an additional language.

The majority of psychologists spent their professional time in direct patient care (76.4%) and worked 40 or more hours per week (71.1%). Two-thirds of psychologists (65.8%) did not plan to retire for at least 10 years, while two percent plan to retire within the next year and 13.1 percent plan to retire within the next five years.

Psychologists averaged seven specialties each and the most common specialty was anxiety disorders (72.3%). The large number of specialties reported by each individual indicates that psychologists, like other mental health professionals, fill a wide variety of roles in their communities.

A full set of tables describing the psychologist workforce can be found in the data tables section of the report. The tables contain only individuals who met all inclusion criteria and responded to the 2012 psychologist re-licensure survey.

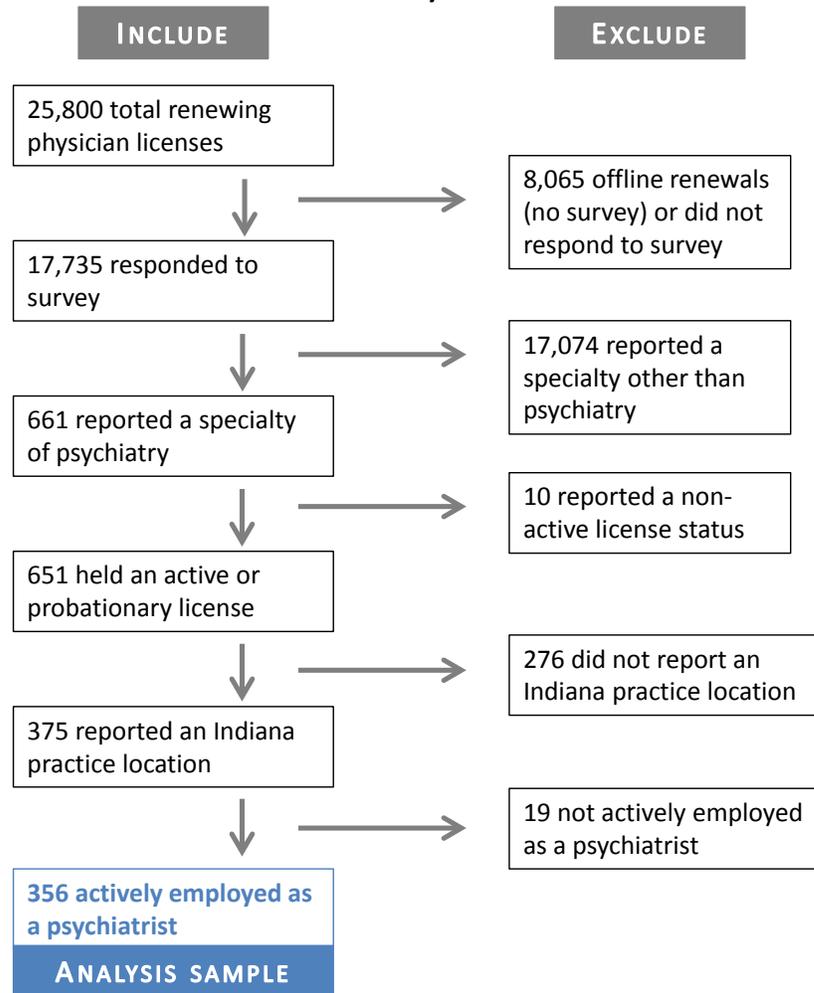
## Section 3: Psychiatrists

### Inclusion Criteria

This section summarizes the responses made by psychiatrists to the 2013 Indiana Physician Licensure Survey. Psychiatric physicians were defined as a respondent who indicated that they practiced in one of the following specialties: addiction medicine, psychiatry, addiction psychiatry, child psychiatry, forensic psychiatry, geriatric psychiatry, pain medicine psychiatry, psychoanalysis psychiatry, or psychosomatic medicine psychiatry.

There were 661 psychiatrists who responded to the licensure survey (response rate 74.7%) that was issued to all physicians during their 2013 license renewal period. Because psychiatrists do not license separately from other physicians the total number of psychiatrists licensed in Indiana was not determined. Of the 661 psychiatrists who responded to the survey, 356 were included in this analysis who held an active license and practiced at an Indiana address (see Figure 4.1).

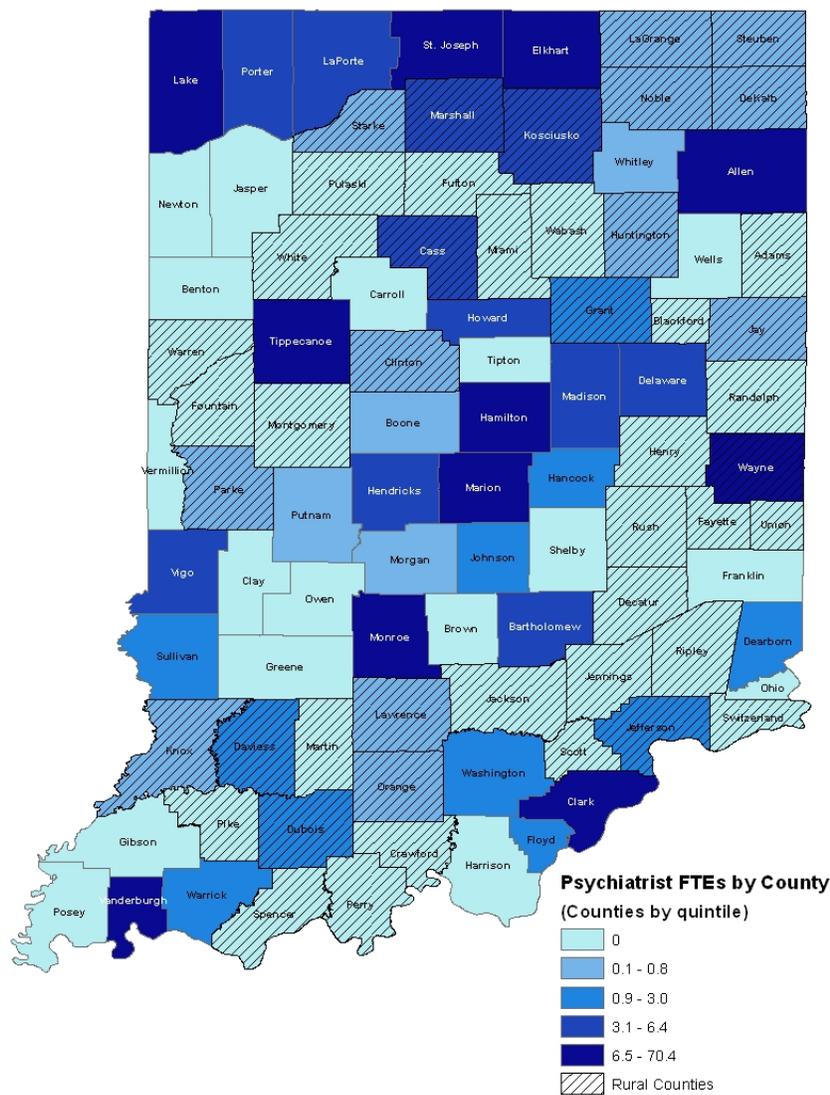
**Figure 4.1 Inclusion and Exclusion Criteria for Indiana Psychiatrists**



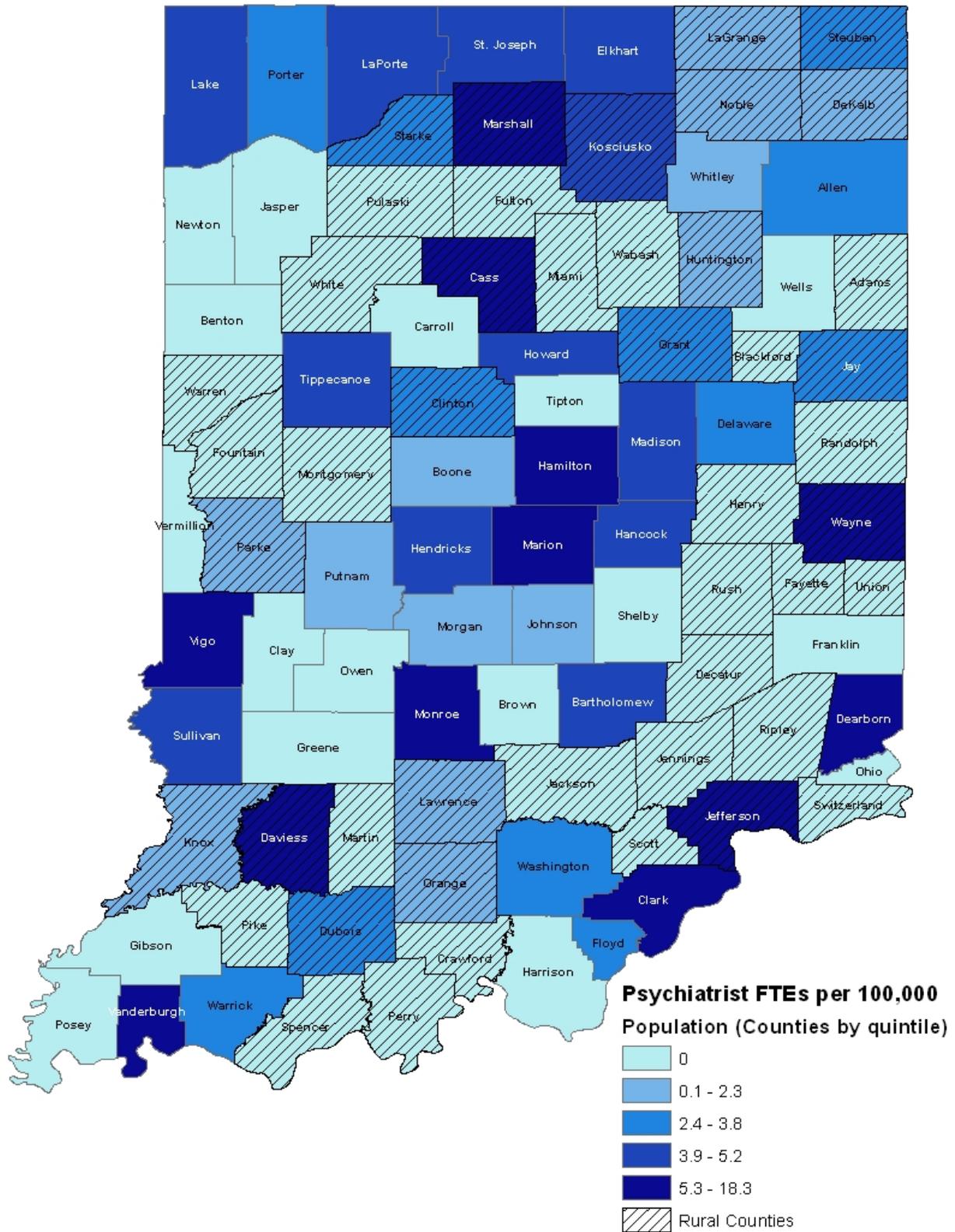
**Workforce Distribution**

Psychiatrists were heavily concentrated in Marion County (70.4 FTEs) which had more than three times the number of psychiatrist FTEs than the next closest counties (Hamilton and Lake Counties had 22.6 FTEs). Despite the high number of psychiatrist FTEs, Marion County had only the eighth highest ratio of psychiatrists to population. Wayne County had the highest ratio of psychiatrist FTEs per 100,000 population (18.3). Statewide, there were 4.5 psychiatrist FTEs per 100,000 population. There were 43 counties with no reported psychiatrist FTEs and 62 counties with one or fewer reported psychiatrist FTEs. Map 4.1 shows the number of psychiatrist FTEs in each county and Map 4.2 shows the ratio of psychiatrist FTEs to 100,000 population in each county.

**Map 4.1 Psychiatrist FTEs in Indiana Counties, 2013**

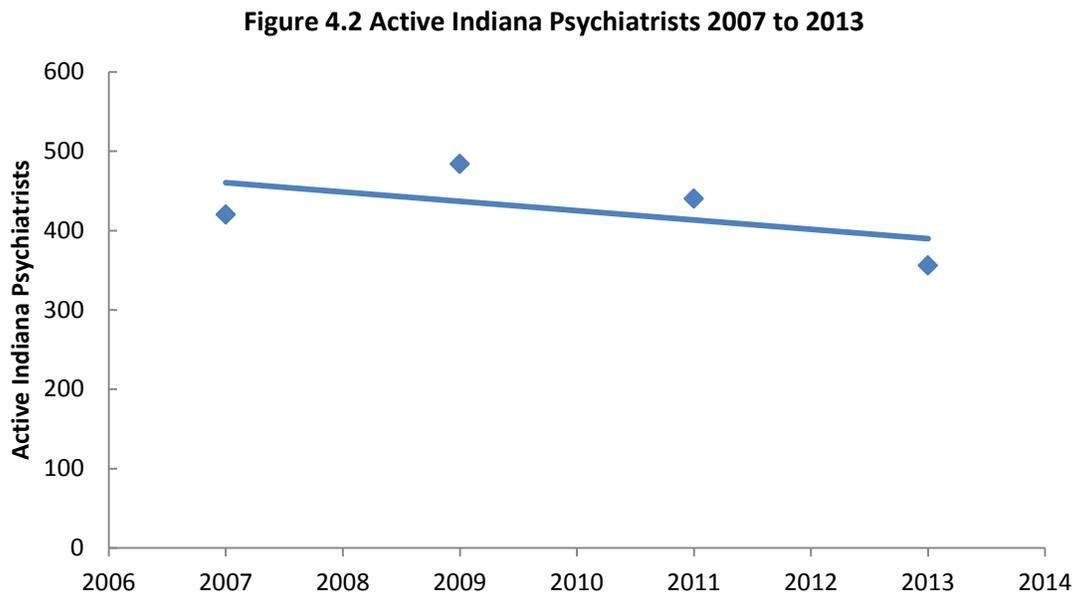


Map 4.2 Psychiatrist FTEs per 100,000 Population in Indiana Counties, 2013



### Workforce Trends: 2007 to 2013

Figure 4.2 shows the number of active, Indiana-based psychiatrists who responded to the survey from 2007 to 2013. Due to survey non-response, Figure 4.1 likely undercounts the number of active, Indiana-based psychiatrists, but the declining trend is reliable.



### Summary

The majority of psychiatrists were male (60.7%), white (74.3%), and not of Hispanic origin (95.7%). The mean age of psychiatrists was 55 years old, making them the oldest group among mental health professions. Psychiatrists were the most racially diverse group among mental health professions due, primarily, to a large proportion (19.1% of psychiatrists) of individuals who were of Asian or Pacific Islander descent.

Psychiatrists were able to report up to three practice locations. Most psychiatrists (86.2%) reported only one Indiana practice address and 48 percent spent at least 33 hours per week in direct patient care at their primary Indiana practice address. Independent practices were the most common work setting (30.7%) followed by hospital-owned group practices (26.9%), and non-hospital-group practices (23.7%). Fewer than 15 percent of respondents reported a primary practice location in the traditional safety-net: a federally qualified health center, rural health center, or free clinic. One-third (33.5%) of psychiatrists indicated that they worked with an advanced practice nurse, and an additional four percent worked with a physician assistant.

General psychiatry was the most common specialty (68.3%). Approximately one-fifth (18.5%) of respondents reported child psychiatry as their specialty and all other specialties were each reported by less than five percent of respondents. Many respondents (65.4%) reported that they had completed their residency and/or fellowship in a state other than Indiana.

Psychiatrists were asked to estimate the proportion of their patients paying through Indiana Medicaid or paying on a sliding-fee scale. Over one-quarter of psychiatrists (27.7%) reported that more than one-half of patients at their primary practice location paid using Indiana Medicaid. While only 18.6 percent of psychiatrists indicated that they did not accept Indiana Medicaid, over one-half (51.5%) did not offer a sliding fee scale. One-third (33.5%) of psychiatrists reported working with a nurse practitioner, but only four percent reported working with a physician assistant.

A full set of tables describing the psychiatrist workforce can be found in data tables section of the report. The tables contain only individuals who met all inclusion criteria and responded to the 2013 psychiatrist re-licensure survey.

## Section 4: Master's Trained Psychiatric Advanced Practice Nurses

### Methodology and Inclusion Criteria

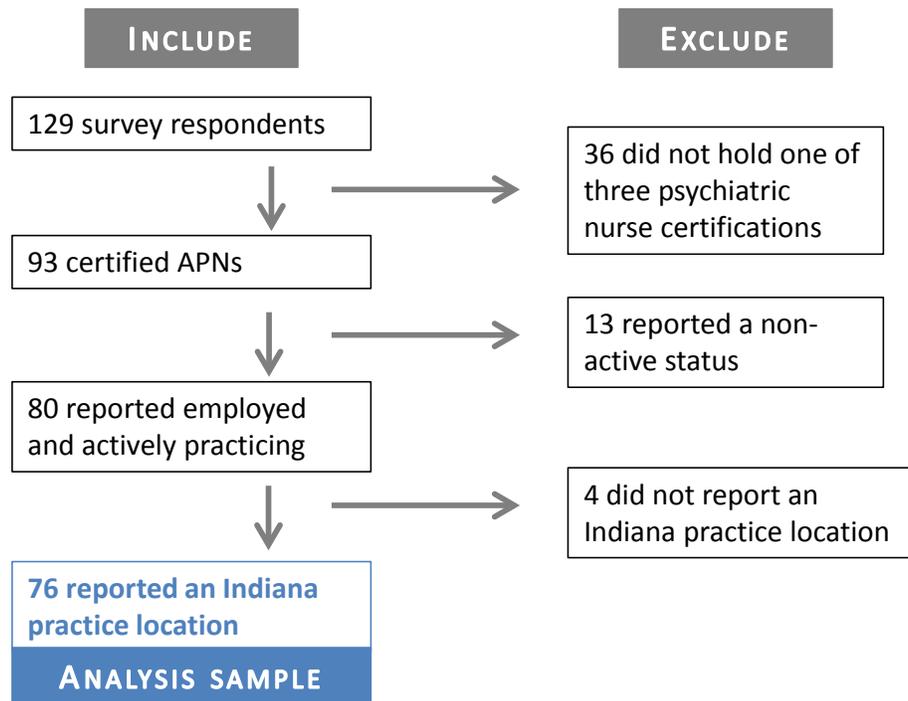
This section summarizes the responses to the items included on the 2014 Indiana Master's Trained Psychiatric Advanced Practice Nurse Electronic Survey. Psychiatric/mental health advanced practice nurses (PAPNs) were not distinguished from other registered nurses who renewed their license with the state in 2013. Therefore, a different methodology was needed to survey PAPNs. PAPNs were identified and contacted via collaboration between the Health Workforce Studies Program and the Indiana State Nurses Association (ISNA). Once identified, PAPNs were sent a brief electronic survey. Those who responded were filtered according to the following inclusion criteria:

1. were actively practicing in Indiana,
2. held a master's degree or higher, and
3. reported a primary specialty of psychiatric/mental health nursing.

A complete methodology of the 2014 Indiana Master's Trained Psychiatric Advanced Practice Nurse Electronic Survey can be found at <http://ahec.iupui.edu/indiana-center-for-health-workforce-studies-reports/>.

There were 129 master's trained psychiatric/mental health advanced practice nurses (PAPNs) who responded to the survey. Because the survey was distributed using a snowball methodology, the overall response rate is unknown. Of the 129 individuals who responded to the survey, 76 were included in this analysis who held an active license and practiced at an Indiana address (see Figure 5.1).

Figure 5.1 Inclusion and Exclusion Criteria for PAPNs

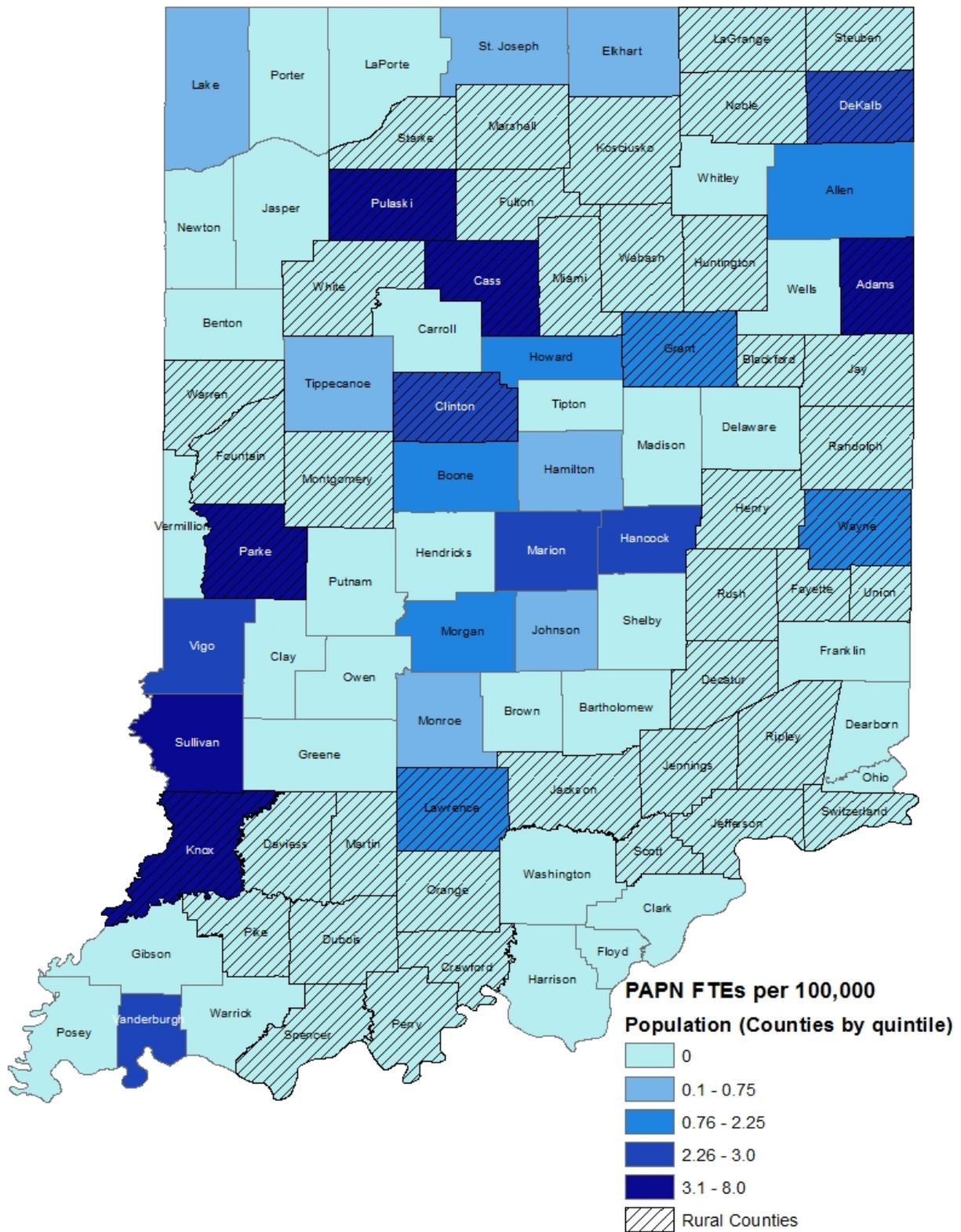


### Workforce Distribution

One-third of all PAPN FTEs were located in Marion County (23.75 FTEs). The remaining FTEs were distributed across 25 other counties. Cass County had the highest ratio of PAPN FTEs (7.7 PAPN FTEs per 100,000 population). Rural counties tended to have higher ratios of PAPN FTEs to population despite having fewer PAPN FTEs. Statewide, there were 1.0 PAPN FTEs per 100,000 population. There were 66 counties in which no PAPN reported practicing. Map 5.1 shows the number of PAPN FTEs in each county and Map 5.2 shows the ratio of PAPN FTEs to 100,000 population in each county.



Map 5.2 PAPAN FTEs per 100,000 Population in Indiana Counties, 2014



## Summary

The majority of master's trained PAPNs were female (93.4%), white (94.7%), and non-Hispanic (100%). Respondents were less racially diverse than Indiana's general population. PAPNs were not asked to provide their age.

Public or community health was the most common (31.2%) work setting among PAPNs. Most respondents (59.2%) worked 40 or more hours per week, and one-third (33.3%) of respondents indicated that they worked at more than one paid position in nursing. Almost all (86.5%) respondents reported direct patient- or client-care-related activities as the area in which the majority of their professional time was spent. Respondents saw patients from a wide range of ages and most (37.5%) scheduled between 26 and 50 appointments with patients in a typical week. The most common specialty area for PAPNs was mood disorders (81.6%) followed by anxiety disorders (80.3%) and general mental health (71.1%). More than one in ten (13.2%) respondents indicated that they intend to retire in the next one to three years.

The most common (45.5%) psychiatric/mental health certification held by respondents was the Adult Psychiatric Mental Health Clinical Nurse Specialist Certification. All respondents held a master's degree or higher and the majority (82.9%) received their degree from an Indiana institution.

A full set of tables describing the respondents to the 2014 Indiana Master's Trained Psychiatric Advanced Practice Nurse Electronic Survey can be found in the data tables section of this report. The tables contain only individuals who met all inclusion criteria and responded to the 2014 Indiana Master's Trained Psychiatric Advanced Practice Nurse Electronic Survey.

**INDIANA'S MENTAL HEALTH PROFESSIONAL SHORTAGE AREAS  
(MHPSA)**

## Overview

Mental Health Professional Shortage Areas (MHPSAs) are areas that have been identified as having too few mental health professionals to adequately care for the population. A geographic region, often a county, can be designated as a MHPSA if it meets one of the following criteria:

- 1) Population to core mental health provider ratio greater than 9,000:1;
- 2) Population to psychiatrist ratio greater than 30,000:1; or
- 3) Population to core mental health provider ratio greater than 6,000:1 and a population to psychiatrist ratio greater than 20,000:1.

“Core mental health providers” are defined by the Health Resource Service Administration (HRSA) as clinical social workers, marriage and family therapists, psychologists, psychiatric nurses, and psychiatrists. Map 6.1 shows areas that currently meet at least one of the above criteria for MHPSA designation (areas in red) based on the data in this report. The map also compares the identified areas to actual MHPSA designations in 2014 (areas with hash-marks). While there is some concordance between the potential MHPSA designations and actual designations, there are many counties in Indiana that meet the criteria for MHPSA designation, but are not designated as such. Sixty-six counties meet the criteria, but only 52 counties currently have at least some proportion of their county designated as a MHPSA.

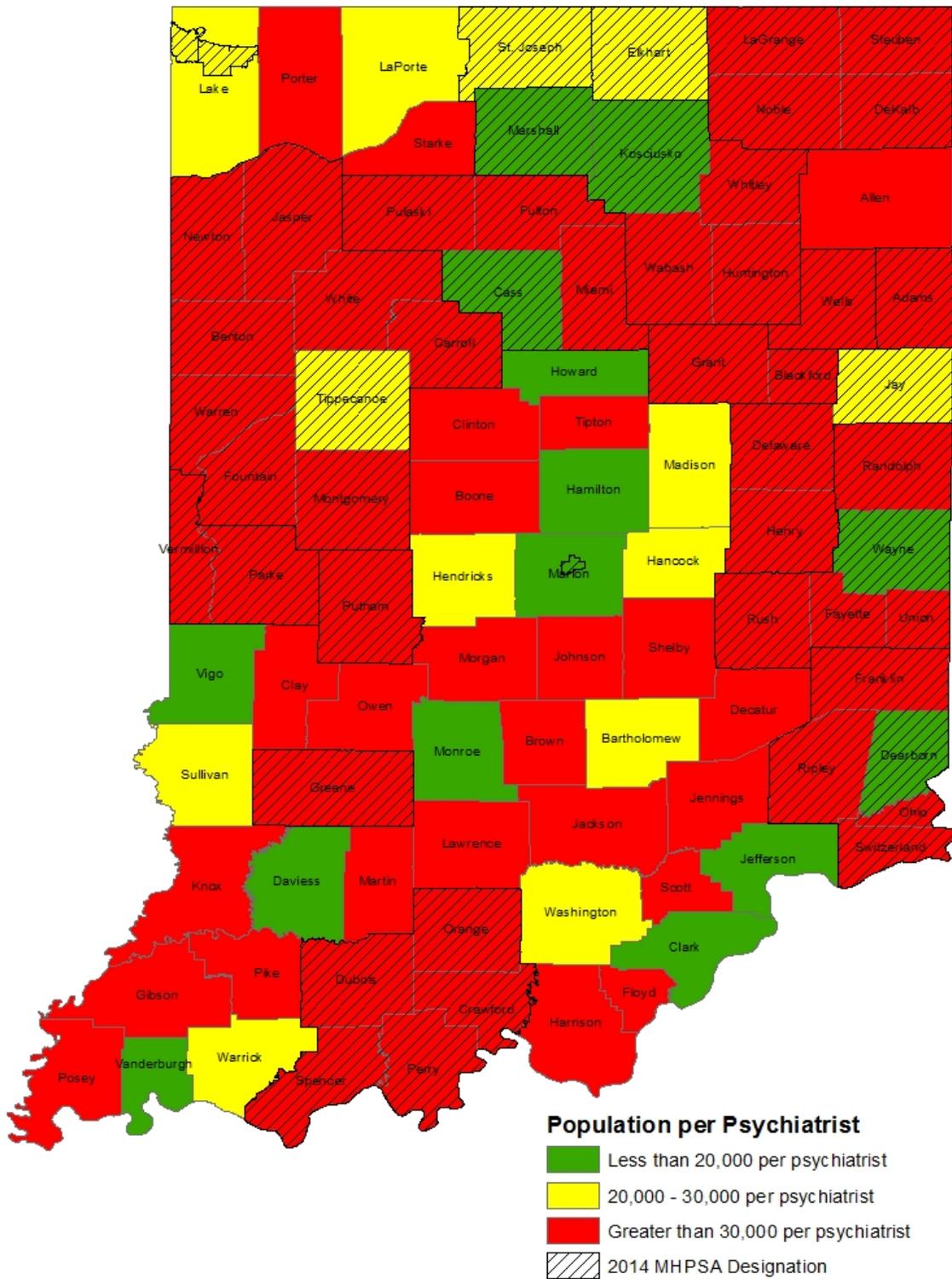
Map 6.2 shows the distribution of core mental health providers in each Indiana County. Map 6.3 shows the distribution of psychiatrists in each county. A green area would not be considered an MHPSA under any of the above criteria for designation, in Maps 6.2 and 6.3. Yellow areas have a population to provider ratio that would grant the county MHPSA status if it faces a shortage of both core mental health providers and psychiatrists (see criterion 3 above). Red areas meet the criteria for MHPSA designation outright.

The core mental health providers in Indiana (Map 6.2) have a wider distribution than psychiatrists (Map 6.3). All potential MHPSA designations are contingent on the population to psychiatrist ratio, but some areas also lack core mental health providers. Data for these maps are shown by county in Table 6.1.





Map 6.3 Population per Psychiatrist in Indiana Counties



**Table 6.1 MHPSA Designations: Population per Psychiatrist and Core Mental Health Provider FTEs in Indiana Counties**

County	2010 Population	Core Mental Health Provider FTEs	Population per Core Provider FTE	Psychiatrist FTEs	Population per Psychiatrist FTE	Meets MHPSA Criteria?
Adams	34,387	5.3	6,550	0.0	N/A	Yes
Allen	355,329	191.3	1,857	11.8	30,113	Yes
Bartholomew	76,794	41.2	1,866	3.4	22,586	No
Benton	8,854	1.5	5,903	0.0	N/A	Yes
Blackford	12,766	1.0	12,766	0.0	N/A	Yes
Boone	56,640	10.2	5,580	0.4	141,600	Yes
Brown	15,242	5.8	2,651	0.0	N/A	Yes
Carroll	20,155	1.0	20,155	0.0	N/A	Yes
Cass	38,966	20.9	1,864	5.4	7,216	No
Clark	110,232	38.7	2,852	11.4	9,669	No
Clay	26,890	6.0	4,482	0.0	N/A	Yes
Clinton	33,224	4.8	6,922	0.8	41,530	Yes
Crawford	10,713	0.0	N/A	0.0	N/A	Yes
Daviess	31,648	6.2	5,105	2.2	14,385	No
Dearborn	25,740	23.5	1,098	2.2	11,700	No
Decatur	42,223	3.0	14,074	0.0	N/A	Yes
DeKalb	50,047	7.7	6,500	0.2	250,235	Yes
Delaware	117,671	70.7	1,666	3.4	34,609	Yes
Dubois	41,889	17.2	2,435	1.2	34,908	Yes
Elkhart	197,559	86.1	2,295	9.6	20,579	No
Fayette	24,277	7.5	3,237	0.0	N/A	Yes
Floyd	74,578	27.5	2,712	2.0	37,289	Yes
Fountain	17,240	4.0	4,310	0.0	N/A	Yes
Franklin	23,087	2.3	10,261	0.0	N/A	Yes
Fulton	20,836	4.0	5,209	0.0	N/A	Yes
Gibson	33,503	3.8	8,934	0.0	N/A	Yes
Grant	70,061	61.5	1,139	2.0	35,031	Yes
Greene	33,165	7.0	4,738	0.0	N/A	Yes
Hamilton	274,569	184.1	1,491	22.6	12,149	No
Hancock	70,002	17.0	4,118	3.0	23,334	No
Harrison	39,364	3.5	11,247	0.0	N/A	Yes
Hendricks	145,448	52.9	2,752	5.6	25,973	No
Henry	49,462	7.3	6,822	0.0	N/A	Yes
Howard	82,752	47.7	1,735	4.2	19,703	No
Huntington	37,124	9.9	3,769	0.6	61,873	Yes
Jackson	42,376	10.5	4,036	0.0	N/A	Yes

**Table 6.1 MHPSA Designations: Population per Psychiatrist and Core Mental Health Provider FTEs in Indiana Counties (Cont'd.)**

County	2010 Population	Core Mental Health Provider FTEs	Population per Core Provider FTE	Psychiatrist FTEs	Population per Psychiatrist FTE	Meets MHPSA Criteria?
Jasper	33,478	7.0	4,783	0.0	N/A	Yes
Jay	21,253	4.8	4,428	0.8	26,566	No
Jefferson	32,428	24.7	1,313	2.2	14,740	No
Jennings	28,525	7.0	4,075	0.0	N/A	Yes
Johnson	139,654	66.2	2,110	2.2	63,479	Yes
Knox	38,440	21.6	1,780	0.6	64,067	Yes
Kosciusko	77,358	24.8	3,126	4.0	19,340	No
La Porte	111,467	44.1	2,528	4.6	24,232	No
Lagrange	37,128	4.4	8,438	0.4	92,820	Yes
Lake	496,005	167.1	2,968	22.6	21,947	No
Lawrence	46,134	9.4	4,934	0.6	76,890	Yes
Madison	131,636	56.2	2,344	6.4	20,568	No
Marion	903,393	973.4	928	70.4	12,832	No
Marshall	47,051	20.9	2,257	3.6	13,070	No
Martin	10,334	0.0	N/A	0.0	N/A	Yes
Miami	36,903	6.8	5,467	0.0	N/A	Yes
Monroe	137,974	134.4	1,027	13.4	10,297	No
Montgomery	38,124	8.8	4,357	0.0	N/A	Yes
Morgan	68,894	7.9	8,721	0.4	172,235	Yes
Newton	14,244	0.0	N/A	0.0	N/A	Yes
Noble	47,536	5.0	9,603	0.2	237,680	Yes
Ohio	6,128	0.0	N/A	0.0	N/A	Yes
Orange	19,840	2.2	9,018	0.2	99,200	Yes
Owen	21,575	2.0	10,788	0.0	N/A	Yes
Parke	17,339	5.4	3,211	0.4	43,348	Yes
Perry	19,338	5.0	3,868	0.0	N/A	Yes
Pike	12,845	2.0	6,423	0.0	N/A	Yes
Porter	164,343	78.8	2,087	5.0	32,869	Yes
Posey	25,910	1.0	25,910	0.0	N/A	Yes
Pulaski	13,402	1.0	13,402	0.0	N/A	Yes
Putnam	37,963	8.8	4,314	0.8	47,454	Yes
Randolph	26,171	3.0	8,724	0.0	N/A	Yes
Ripley	28,818	3.8	7,685	0.0	N/A	Yes
Rush	17,392	6.5	2,676	0.0	N/A	Yes
Scott	24,181	2.0	12,091	0.0	N/A	Yes
Shelby	44,436	8.0	5,555	0.0	N/A	Yes

**Table 6.1 MHPSA Designations: Population per Psychiatrist and Core Mental Health Provider FTEs in Indiana Counties (Cont'd.)**

<b>County</b>	<b>2010 Population</b>	<b>Core Mental Health Provider FTEs</b>	<b>Population per Core Provider FTE</b>	<b>Psychiatrist FTEs</b>	<b>Population per Psychiatrist FTE</b>	<b>Meets MHPSA Criteria?</b>
Spencer	20,952	5.5	3,809	0.0	N/A	Yes
St Joseph	266,931	188.1	1,419	11.6	23,011	No
Starke	23,363	5.6	4,172	0.6	38,938	Yes
Steuben	34,185	7.8	4,383	0.8	42,731	Yes
Sullivan	21,475	6.5	3,304	1.0	21,475	No
Switzerland	10,613	0.0	N/A	0.0	N/A	Yes
Tippecanoe	172,780	93.7	1,845	8.4	20,569	No
Tipton	15,936	1.0	15,936	0.0	N/A	Yes
Union	7,516	0.0	N/A	0.0	N/A	Yes
Vanderburgh	179,703	179.6	1,001	18.6	9,661	No
Vermillion	16,212	4.0	4,053	0.0	N/A	Yes
Vigo	107,848	76.6	1,408	5.6	19,259	No
Wabash	32,888	5.5	5,980	0.0	N/A	Yes
Warren	8,508	1.0	8,508	0.0	N/A	Yes
Warrick	59,689	15.3	3,914	2.0	29,845	No
Washington	28,262	4.0	7,066	1.0	28,262	Yes
Wayne	68,917	49.6	1,389	12.6	5,470	No
Wells	27,636	2.0	13,818	0.0	N/A	Yes
White	24,643	1.8	14,082	0.0	N/A	Yes
Whitley	33,292	6.2	5,370	0.2	166,460	Yes

**DATA TABLES**

## County Supply of Mental Health Professionals

**Table 7.1 Mental Health Professionals by County and Profession**

County	Rurality	2010 Population	LMHP		Psychologists		Psychiatrists		PAPN	
			FTEs	FTEs per 100,000 Pop.	FTEs	FTEs per 100,000 Pop.	FTEs	FTEs per 100,000 Pop.	FTEs	FTEs per 100,000 Pop.
Indiana Total	n/a	6,483,802	3,449.50	53.20	991.25	15.29	293.20	4.52	68.00	1.05
Adams	Rural	34,387	9.00	26.17	0.00	0.00	0.00	0.00	1.25	3.64
Allen	Urban	355,329	211.00	59.38	59.75	16.82	11.80	3.32	8.00	2.25
Bartholomew	Urban	76,794	44.25	57.62	9.00	11.72	3.40	4.43	0.00	0.00
Benton	Urban	8,854	0.00	0.00	1.50	16.94	0.00	0.00	0.00	0.00
Blackford	Rural	12,766	2.00	15.67	0.00	0.00	0.00	0.00	0.00	0.00
Boone	Urban	56,640	12.00	21.19	1.75	3.09	0.40	0.71	1.00	1.77
Brown	Urban	15,242	3.00	19.68	2.75	18.04	0.00	0.00	0.00	0.00
Carroll	Urban	20,155	2.00	9.92	0.00	0.00	0.00	0.00	0.00	0.00
Cass	Rural	38,966	17.00	43.63	4.00	10.27	5.40	13.86	3.00	7.70
Clark	Urban	110,232	39.25	35.61	5.25	4.76	11.40	10.34	0.00	0.00
Clay	Urban	26,890	2.00	7.44	5.00	18.59	0.00	0.00	0.00	0.00
Clinton	Rural	33,224	6.00	18.06	0.00	0.00	0.80	2.41	1.00	3.01
Crawford	Rural	10,713	1.00	9.33	0.00	0.00	0.00	0.00	0.00	0.00
Daviess	Rural	31,648	5.00	15.80	0.00	0.00	2.20	6.95	0.00	0.00
Dearborn	Urban	25,740	19.75	76.73	9.50	36.91	2.20	8.55	0.00	0.00
Decatur	Rural	42,223	5.00	11.84	0.00	0.00	0.00	0.00	0.00	0.00
DeKalb	Rural	50,047	7.25	14.49	3.00	5.99	0.20	0.40	1.00	2.37
Delaware	Urban	117,671	85.25	72.45	38.75	32.93	3.40	2.89	0.00	0.00
Dubois	Rural	41,889	24.00	57.29	2.75	6.56	1.20	2.86	0.00	0.00
Elkhart	Urban	197,559	97.25	49.23	16.00	8.10	9.60	4.86	1.00	0.51
Fayette	Rural	24,277	7.50	30.89	0.00	0.00	0.00	0.00	0.00	0.00
Floyd	Urban	74,578	33.50	44.92	8.25	11.06	2.00	2.68	0.00	0.00
Fountain	Rural	17,240	5.00	29.00	2.00	11.60	0.00	0.00	0.00	0.00
Franklin	Urban	23,087	2.75	11.91	0.50	2.17	0.00	0.00	0.00	0.00
Fulton	Rural	20,836	6.00	28.80	1.00	4.80	0.00	0.00	0.00	0.00
Gibson	Urban	33,503	4.00	11.94	0.00	0.00	0.00	0.00	0.00	0.00
Grant	Rural	70,061	56.75	81.00	19.25	27.48	2.00	2.85	1.00	1.43
Greene	Urban	33,165	10.00	30.15	1.00	3.02	0.00	0.00	0.00	0.00
Hamilton	Urban	274,569	137.25	49.99	67.75	24.68	22.60	8.23	2.00	0.73
Hancock	Urban	70,002	20.75	29.64	5.00	7.14	3.00	4.29	2.00	2.86
Harrison	Urban	39,364	7.00	17.78	2.00	5.08	0.00	0.00	0.00	0.00
Hendricks	Urban	145,448	55.50	38.16	11.25	7.73	5.60	3.85	0.00	0.00
Henry	Rural	49,462	15.00	30.33	2.00	4.04	0.00	0.00	0.00	0.00
Howard	Urban	82,752	55.25	66.77	11.75	14.20	4.20	5.08	1.00	1.21
Huntington	Rural	37,124	12.00	32.32	2.50	6.73	0.60	1.62	0.00	0.00
Jackson	Rural	42,376	8.75	20.65	6.50	15.34	0.00	0.00	0.00	0.00

Table 7.1 Mental Health Professionals by County and Profession (Cont'd.)

County	Rurality	2010 Population	LMHP		Psychologists		Psychiatrists		PAPN	
			FTEs	FTEs per 100,000 Pop.	FTEs	FTEs per 100,000 Pop.	FTEs	FTEs per 100,000 Pop.	FTEs	FTEs per 100,000 Pop.
Indiana Total	n/a	6,483,802	3,449.50	53.20	991.25	15.29	293.20	4.52	68.00	1.05
Jasper	Urban	33,478	10.00	29.87	3.00	8.96	0.00	0.00	0.00	0.00
Jay	Rural	21,253	7.00	32.94	0.00	0.00	0.80	3.76	0.00	0.00
Jefferson	Rural	32,428	20.25	62.45	9.00	27.75	2.20	6.78	0.00	0.00
Jennings	Rural	28,525	5.00	17.53	4.00	14.02	0.00	0.00	0.00	0.00
Johnson	Urban	139,654	63.75	45.65	14.00	10.02	2.20	1.58	1.00	0.72
Knox	Rural	38,440	24.00	62.43	5.00	13.01	0.60	1.56	2.00	5.20
Kosciusko	Rural	77,358	28.75	37.16	8.00	10.34	4.00	5.17	0.00	0.00
La Porte	Urban	111,467	38.00	34.09	14.00	12.56	4.60	4.13	0.00	0.00
Lagrange	Rural	37,128	6.75	18.18	0.25	0.67	0.40	1.08	3.00	0.60
Lake	Urban	496,005	192.00	38.71	45.50	9.17	22.60	4.56	0.00	0.00
Lawrence	Rural	46,134	9.00	19.51	2.75	5.96	0.60	1.30	1.00	2.17
Madison	Urban	131,636	66.00	50.14	14.50	11.02	6.40	4.86	0.00	0.00
Marion	Urban	903,393	1,009.50	111.75	261.50	28.95	70.40	7.79	23.75	2.63
Marshall	Rural	47,051	27.25	57.92	3.00	6.38	3.60	7.65	0.00	0.00
Martin	Rural	10,334	1.75	16.93	0.00	0.00	0.00	0.00	0.00	0.00
Miami	Rural	36,903	9.00	24.39	1.75	4.74	0.00	0.00	0.00	0.00
Monroe	Urban	137,974	110.75	80.27	52.50	38.05	13.40	9.71	1.00	0.72
Montgomery	Rural	38,124	16.75	43.94	1.00	2.62	0.00	0.00	0.00	0.00
Morgan	Urban	68,894	14.25	20.68	1.75	2.54	0.40	0.58	1.00	1.45
Newton	Urban	14,244	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Noble	Rural	47,536	11.75	24.72	0.00	0.00	0.20	0.42	0.00	0.00
Ohio	Urban	6,128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orange	Rural	19,840	3.00	15.12	1.00	5.04	0.20	1.01	0.00	0.00
Owen	Urban	21,575	3.00	13.90	0.00	0.00	0.00	0.00	0.00	0.00
Parke	Rural	17,339	3.00	17.30	2.00	11.53	0.40	2.31	1.00	5.77
Perry	Rural	19,338	7.00	36.20	0.00	0.00	0.00	0.00	0.00	0.00
Pike	Rural	12,845	3.00	23.36	0.00	0.00	0.00	0.00	0.00	0.00
Porter	Urban	164,343	75.50	45.94	35.25	21.45	5.00	3.04	0.00	0.00
Posey	Urban	25,910	1.00	3.86	0.00	0.00	0.00	0.00	0.00	0.00
Pulaski	Rural	13,402	2.25	16.79	0.00	0.00	0.00	0.00	1.00	7.46
Putnam	Urban	37,963	9.25	24.37	2.75	7.24	0.80	2.11	0.00	0.00
Randolph	Rural	26,171	6.00	22.93	0.00	0.00	0.00	0.00	0.00	0.00
Ripley	Rural	28,818	5.75	19.95	1.00	3.47	0.00	0.00	0.00	0.00
Rush	Rural	17,392	7.25	41.69	0.00	0.00	0.00	0.00	0.00	0.00
Scott	Rural	24,181	3.00	12.41	0.00	0.00	0.00	0.00	0.00	0.00
Shelby	Urban	44,436	10.50	23.63	2.00	4.50	0.00	0.00	0.00	0.00

Table 7.1 Mental Health Professionals by County and Profession (Cont'd.)

County	Rurality	2010 Population	LMHP		Psychologists		Psychiatrists		PAPN	
			FTEs	FTEs per 100,000 Pop.	FTEs	FTEs per 100,000 Pop.	FTEs	FTEs per 100,000 Pop.	FTEs	FTEs per 100,000 Pop.
Indiana Total	n/a	6,483,802	3,449.50	53.20	991.25	15.29	293.20	4.52	68.00	1.05
Spencer	Rural	20,952	7.00	33.41	2.50	11.93	0.00	0.00	0.00	0.00
St. Joseph	Urban	266,931	167.75	62.84	67.50	25.29	11.60	4.35	1.00	4.77
Starke	Rural	23,363	2.00	8.56	3.00	12.84	0.60	2.57	0.00	0.00
Steuben	Rural	34,185	12.00	35.10	0.00	0.00	0.80	2.34	0.00	0.00
Sullivan	Urban	21,475	5.00	23.28	3.75	17.46	1.00	4.66	0.75	3.49
Switzerland	Rural	10,613	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tippecanoe	Urban	172,780	82.00	47.46	32.00	18.52	8.40	4.86	0.25	0.14
Tipton	Urban	15,936	1.00	6.28	0.00	0.00	0.00	0.00	0.00	0.00
Union	Rural	7,516	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vanderburgh	Urban	179,703	160.50	89.31	39.00	21.70	18.60	10.35	5.00	2.78
Vermillion	Urban	16,212	2.00	12.34	2.00	12.34	0.00	0.00	0.00	0.00
Vigo	Urban	107,848	56.25	52.16	39.75	36.86	5.60	5.19	3.00	2.78
Wabash	Rural	32,888	18.25	55.49	2.00	6.08	0.00	0.00	0.00	0.00
Warren	Rural	8,508	1.00	11.75	0.00	0.00	0.00	0.00	0.00	0.00
Warrick	Urban	59,689	21.75	36.44	2.00	3.35	2.00	3.35	0.00	0.00
Washington	Urban	28,262	3.75	13.27	1.00	3.54	1.00	3.54	0.00	0.00
Wayne	Rural	68,917	48.00	69.65	8.75	12.70	12.60	18.28	1.00	1.45
Wells	Urban	27,636	7.75	28.04	1.00	3.62	0.00	0.00	0.00	0.00
White	Rural	24,643	4.00	16.23	0.75	3.04	0.00	0.00	0.00	0.00
Whitley	Urban	33,292	9.50	28.54	1.00	3.00	0.20	0.60	0.00	0.00
Indiana Total	n/a	6,483,802	3,449.50	53.20	991.25	15.29	293.20	4.52	68.00	1.05

## 2012 Indiana Mental Health Professional Licensure Survey

**Table 7.2 2012 Indiana Mental Health Professional Licensure Survey Response Rate**

Survey Response Rate	Number	Percent
Renewed electronically and responded to the survey	5,092	98.7
Total electronic license renewals in 2012	5,159	

**Table 7.3 Age Group Distribution of LMHPs**

Age Group	Number	Percent
Under 35	656	17.9
35 - 44	751	20.5
45 - 54	882	24.0
55 - 64	1,115	30.4
65 and older	268	7.3
Total	3,672	100.0
No Response Given	15	

**Table 7.4 Primary Professional Activity of LMHPs**

Activity	Number	Percent
Direct client care or client care related activities	2,969	81.0
Administration	510	13.9
Training	116	3.2
Other	57	1.6
Research	12	0.3
Total	3,664	100.0
No Response Given	23	

**Table 7.5 Primary Mental Health Profession of LMHPs**

<b>Profession</b>	<b>Number</b>	<b>Percent</b>
Clinical Social Worker	1,293	43.0
Social Worker	753	25.1
Mental Health Counselor	591	19.7
Marriage and Family Therapist	206	6.9
Other Profession	81	2.7
Clinical Addiction Counselor	50	1.7
Addiction Counselor	23	0.8
Marriage and Family Therapist Associate	7	0.2
Total	3,004	100.0
No Response Given	683	

**Table 7.6 Mean Age of LMHPs by Primary Mental Health Profession**

<b>Profession</b>	<b>Mean Age</b>
Marriage and Family Therapist Associate	57.2
Other Profession	51.4
Marriage and Family Therapist	50.9
Addiction Counselor	50.7
Clinical Addiction Counselor	50.3
Clinical Social Worker	49.3
Mental Health Counselor	48.0
Social Worker	45.3
All professions	48.9

**Table 7.7 Average Hours per Week Spent in All Professional Activities by LMHPs**

<b>Average Hours per Week</b>	<b>Number</b>	<b>Percent</b>
1 - 9	89	2.6
10 - 19	177	5.1
20 - 29	305	8.8
30 - 39	543	15.7
40 or more	2,350	67.8
Total	3,464	100.0
No Response Given	223	

**Table 7.8 Mean Age of LMHPs by Average Hours per Week Spent in All Professional Activities**

Average Hours per Week	Mean Age
1 - 9	52.9
10 - 19	54.7
20 - 29	50.5
30 - 39	49.7
40 or more	47.7
Overall	48.9

**Table 7.9 Gender of LMHPs**

Gender	Number	Percent
Male	760	20.7
Female	2,911	79.3
Total	3,671	100.0
No Response Given	16	

**Table 7.10 Age Group by Gender of LMHPs**

Age Group	Female		Male		Total	
	Number	Percent	Number	Percent	Number	Percent
Under 35	604	92.2	51	7.8	655	100.0
35 - 44	616	82.4	132	17.6	748	100.0
45 - 54	704	80.5	171	19.5	875	100.0
55 - 64	797	71.7	314	28.3	1,111	100.0
65 and older	178	66.7	89	33.3	267	100.0
Total	2,899	79.3	757	20.7	3,656	100.0
No Response Given					31	

**Table 7.11 Average Hours per Week Spent in All Professional Activities by Gender of LMHPs**

Average Hours per Week	Female		Male		Total	
	Number	Percent	Number	Percent	Number	Percent
1 - 9	77	86.5	12	13.5	89	100.0
10 - 19	146	82.5	31	17.5	177	100.0
20 - 29	269	88.8	34	11.2	303	100.0
30 - 39	457	84.5	84	15.5	541	100.0
40 or more	1,801	76.9	540	23.1	2,341	100.0
Total	2,750	79.7	701	20.3	3,451	100.0
No Response Given					236	

**Table 7.12 Race of LMHPs**

Race	Number	Percent	Percent of Indiana Population*
White	3,418	93.2	84.3
Black/African American	150	4.1	9.1
Other	33	0.9	n/a
Multi-racial	30	0.8	n/a
Asian/Pacific Islander	28	0.8	1.6
American Indian/Native Alaskan	10	0.3	0.3
Total	3,669	100.0	
No Response Given	18		

**Table 7.13 Ethnicity of LMHPs**

Ethnicity	Number	Percent	Percent of Indiana Population
Hispanic or Latino	68	1.9	6.0
Not Hispanic or Latino	3,606	98.1	94.0
Total	3,674	100.0	
No Response Given	13		

**Table 7.14 Number of Behavioral Health Licenses Held by LMHPs**

Number of Behavioral Health Licenses	Number	Percent
1	3,382	91.7
2	264	7.2
3	39	1.1
4	2	0.1
Total	3,687	100.0

**Table 7.15 Manner in which Initial Behavioral Health License was Obtained by LMHPs**

Manner in which Initial License was Obtained	Number	Percent
Examination	2,329	63.4
Grand-fathered	1,189	32.4
Endorsement from another state	154	4.2
Total	3,672	100.0
No Response Given	15	

**Table 7.16 LMHPs' Anticipated Time until Retirement**

<b>Anticipated Time until Retirement</b>	<b>Number</b>	<b>Percent</b>
1 - 3 years	242	6.6
4 - 9 years	721	19.7
10 or more years	2,700	73.7
Total	3,663	100.0
No Response Given	24	

**Table 7.17 Highest Degree in a Behavioral Health Field Earned by LMHPs**

<b>Highest Degree in Behavioral Health</b>	<b>Number</b>	<b>Percent</b>
Bachelor's Degree	209	5.7
Master's Degree	3,286	89.2
Doctorate - EdD	14	0.4
Doctorate - PhD	128	3.5
Doctorate - Other	47	1.3
Total	3,684	100.0
No Response Given	3	

**Table 7.18 Client Age Groups Seen by LMHPs**

<b>Client Age Groups</b>	<b>Number</b>	<b>Percent</b>
0 - 4 (Infants)	590	16.1
5 - 9 (Children)	1,522	41.5
10 - 14 (Adolescents)	1,981	54.0
15 - 19 (Youth)	2,234	60.9
20 - 64 (Adults)	2,960	80.6
65 and over (Elders)	1,694	46.1
I do not provide direct client care services	158	4.3
No Response Given	16	

**Table 7.19 Professional Roles Filled by LMHPs**

<b>Professional Roles</b>	<b>Number</b>	<b>Percent</b>
Anxiety disorders	1,796	49.1
General mental health	1,618	44.2
Adolescent counseling	1,259	34.4
Mood disorders (e.g. depression, bipolar disorder)	1,075	29.4
ADHD - Attention deficit hyperactivity disorder	1,036	28.3
Grief, loss, or bereavement	1,016	27.8
Crisis counseling	1,004	27.4
Crisis intervention	955	26.1
Addictive behaviors	905	24.7
Child abuse (physical, sexual or other)	843	23.0
Case management	760	20.8
Marriage and family	744	20.3
Community resources	724	19.8
Family-centered practice	674	18.4
Relationships	562	15.4
Aging issues	551	15.1
Adult abuse (physical, sexual or other)	528	14.4
Anti-social behavior	480	13.1
Post-traumatic stress disorder	478	13.1
Stress management	466	12.7
Child welfare	414	11.3
Impulse control disorders	401	11.0
Discharge planning	381	10.4
Personality disorders	336	9.2
Employee assistance programs (EAP)	305	8.3
Consultation/liaison work	301	8.2
Career counseling	264	7.2
Substance abuse disorders (alcohol, tobacco, drugs)	249	6.8
Medical treatment	247	6.7
Other specialty area	238	6.5
Eating disorders	200	5.5
Critical Incident Stress Management	195	5.3
Learning disorders	180	4.9
Eldercare counseling	164	4.5
Hospice	163	4.5
Schizophrenia and/or other psychotic disorders	150	4.1
Dissociative disorders	144	3.9
Mental retardation	138	3.8
Corrections	128	3.5
Extended care facility (nursing home) evaluation and placement	117	3.2

**Table 7.19 Professional Roles Filled by LMHPs (Cont'd.)**

<b>Professional Roles</b>	<b>Number</b>	<b>Percent</b>
Sexuality issues	101	2.8
Pastoral counseling	100	2.7
Terminal illness counseling	91	2.5
AIDS/HIV	88	2.4
Elder abuse (physical, sexual or other)	84	2.3
Disaster mental health	83	2.3
Competency evaluation	57	1.6
Forensic social work	47	1.3
Gambling	46	1.3
Psychological first aid	39	1.1
Disaster relief	22	0.6
Deaf & hard of hearing services	10	0.3
No Response Given	26	

**Table 7.20 Additional Languages Spoken by LMHPs**

<b>Language</b>	<b>Number</b>	<b>Percent</b>
Spanish	59	1.6
German	17	0.5
Sign Language	17	0.5
French	15	0.4
Hindi	10	0.3
Chinese	5	0.1
Japanese	4	0.1
Arabic	3	0.1
Italian	3	0.1
Russian	3	0.1
Tagalog	3	0.1
Greek	2	0.1
Pennsylvania Dutch	2	0.1
Portuguese	2	0.1
African Languages	1	0.0
Filipino	1	0.0
Polish	1	0.0
Thai	1	0.0
Not fluent in another language	3,550	96.3

## 2012 Indiana Psychologist Licensure Survey

**Table 7.21 2012 Indiana Psychologist Licensure Survey Response Rate**

Survey Response Rate	Number	Percent
Renewed electronically and responded to the survey	1,492	99.7
Total electronic license renewals in 2012	1,497	

**Table 7.22 Age Group Distribution of Psychologists**

Age Group	Number	Percent
Under 35	114	10.8
35 - 44	212	20.1
45 - 54	268	25.4
55 - 64	297	28.2
65 and older	164	15.5
Total	1,055	100.0
No Response Given	9	

**Table 7.23 Primary Professional Activity of Psychologists**

Activity	Number	Percent
Direct client care or related activities	782	76.4
Administration	92	9.0
Teaching	78	7.6
Research	46	4.5
Other	26	2.5
Total	1,024	100.0
No Response Given	40	

**Table 7.24 Average Hours per Week Spent in All Professional Activities by Psychologists**

Average Hours per Week	Number	Percent
1 - 9	20	2.0
10 - 19	62	6.3
20 - 29	103	10.4
30 - 39	102	10.3
40 - 49	458	46.2
50 - 59	180	18.1
60 or more	67	6.8
Total	992	100.0
No Response Given	72	

**Table 7.25 Mean Age of Psychologists by Average Hours per Week Spent in All Professional Activities**

Average Hours per Week	Mean Age
1 - 9	65.4
10 - 19	58.3
20 - 29	52.0
30 - 39	54.2
40 - 49	49.6
50 - 59	54.5
60 or more	50.8

**Table 7.26 Gender of Psychologists**

Gender	Number	Percent
Male	497	46.9
Female	563	53.1
Total	1,060	100.0
No Response Given	4	

**Table 7.27 Age Groups by Gender of Psychologists**

Age Group	Female		Male		Total	
	Number	Percent	Number	Percent	Number	Percent
Under 35	87	76.3	27	23.7	114	100.0
35 - 44	145	68.4	67	31.6	212	100.0
45 - 54	147	55.1	120	44.9	267	100.0
55 - 64	126	42.7	169	57.3	295	100.0
65 and older	53	32.5	110	67.5	163	100.0
Total	558	53.1	493	46.9	1,051	100.0
No Response Given					13	

**Table 7.28 Average Hours per Week Spent in All Professional Activities by Gender of Psychologists**

Average Hours per Week in All Professional Activities by Gender	Female		Male		Total	
	Number	Percent	Number	Percent	Number	Percent
1 - 9	11	55.0	9	45.0	20	100.0
10 - 19	39	62.9	23	37.1	62	100.0
20 - 29	72	69.9	31	30.1	103	100.0
30 - 39	62	60.8	40	39.2	102	100.0
40 - 49	239	52.2	219	47.8	458	100.0
50 - 59	79	43.9	101	56.1	180	100.0
60 or more	27	40.3	40	59.7	67	100.0
Total	529	53.3	463	46.7	992	100.0
No Response Given					72	

**Table 7.29 Race of Psychologists**

Race	Number	Percent	Percent of Indiana Population*
White	986	93.5	84.3
Black/African American	29	2.8	9.1
Asian/Pacific Islander	20	1.9	1.6
Other	11	1.0	n/a
Multi-racial	6	0.6	n/a
American Indian/Native Alaskan	2	0.2	0.3
Total	1,054	100.0	
No Response Given	10		

**Table 7.30 Ethnicity of Psychologists**

Ethnicity	Number	Percent	Percent of Indiana Population
Hispanic or Latino	20	1.9	6.0
Not Hispanic or Latino	1,034	98.1	94.0
Total	1,054	100.0	
No Response Given	10		

**Table 7.31 Psychologists' Anticipated Time to Retirement**

Anticipated Time until Retirement	Number	Percent
Less than 1 year	21	2.0
1 - 5 years	139	13.1
5 - 10 years	202	19.1
More than 10 years	696	65.8
Total	1,058	100.0
No Response Given	6	

**Table 7.32 Client Age Groups Seen by Psychologists**

Client Age Groups	Number	Percent
Infants (0 - 4)	186	18.2
Children (5 - 9)	430	42.2
Adolescents (10 - 14)	517	50.7
Youth (15 - 19)	515	50.5
Adults (20 - 64)	516	50.6
Elders (65 and over)	255	25.0
I do not provide direct patient care services	61	6.0
No Response Given	44	

**Table 7.33 Professional Roles Filled by Psychologists**

Professional Roles	Number	Percent
Anxiety disorders	762	72.3
Mood disorders (e.g. depression, bipolar disorder)	476	45.2
ADHD-Attention deficit hyperactivity disorder	438	41.6
General mental health	422	40.0
Adolescent counseling	379	36.0
Child psychotherapy	303	28.7
Grief, loss, or bereavement	247	23.4
Chronic mental illness	245	23.2
Psychological assessment/testing	238	22.6
Marriage and family	209	19.8
Addictive behaviors	202	19.2
Aging issues	199	18.9
Adult abuse (physical, sexual or other)	195	18.5
Child abuse (physical, sexual or other)	185	17.6
Consultation/liaison work	185	17.6
Post-trauma stress disorder	179	17.0
Stress management	175	16.6
Crisis counseling	174	16.5

**Table 7.33 Professional Roles Filled by Psychologists (Cont'd.)**

<b>Professional Roles</b>	<b>Number</b>	<b>Percent</b>
Anti-social behavior	163	15.5
Relationships	146	13.9
Crisis intervention	142	13.5
Learning disorders	141	13.4
Personality disorders	140	13.3
Family centered practice	139	13.2
Competency evaluation	118	11.2
Eating disorders	102	9.7
Career counseling	94	8.9
Forensic psychology	87	8.3
Employee assistance programs (EAP)	84	8.0
Physical health issues	82	7.8
Neuropsychological evaluation/treatment	78	7.4
Mental retardation	77	7.3
Evaluation and placement	76	7.2
Medical treatment counseling	76	7.2
Dissociative disorders	69	6.5
Corrections	60	5.7
Other specialty area	60	5.7
Child welfare	59	5.6
Gerontological mental health	56	5.3
Elder care counseling	53	5.0
Critical Incident Stress Management	40	3.8
Community resources	39	3.7
AIDS/HIV	36	3.4
Substance abuse disorders	36	3.4
Sexuality issues	34	3.2
Discharge planning	30	2.8
School psychology	28	2.7
Disaster mental health	26	2.5
Severe persistent mental illness	22	2.1
Elder abuse (physical)	14	1.3
Suicide counseling	12	1.1
Disaster relief	10	0.9
Organizational psychology	10	0.9
Terminal illness counseling	10	0.9
Psychological first-aid	9	0.9
Public health issues	8	0.8
Genetic counseling	5	0.5
Hospice	5	0.5
Industrial psychology	5	0.5
Deaf & hard-of-hearing services	5	0.5
No Response Given	10	

**Table 7.34 Additional Languages Spoken by Psychologists**

<b>Language</b>	<b>Number</b>	<b>Percent</b>
Spanish	26	2.4
French	9	0.8
German	6	0.6
Hindi	6	0.6
Sign Language	5	0.5
Chinese	3	0.3
Italian	2	0.2
Arabic	1	0.1
Greek	1	0.1
Japanese	1	0.1
Russian	1	0.1
Not fluent in another language	1,005	94.5

## 2013 Indiana Physician (Psychiatrist) Licensure Survey

**Table 7.35 2013 Indiana Physician Licensure Survey Response Rate**

Survey Response Rate	Number	Percent
Renewed electronically and responded to the survey	17,735	74.7
Total electronic license renewals in 2013	23,742	

**Table 7.36 Age Group Distribution of Psychiatrists**

Age Group	Number	Percent
Under 35	18	5.1
35 - 44	60	17.0
45 - 54	90	25.5
55 - 64	113	32.0
65 and older	72	20.4
Total	353	100.0
No Response Given	3	

**Table 7.37 Gender of Psychiatrists**

Gender	Number	Percent
Male	213	60.7
Female	138	39.3
Total	351	100.0
No Response Given	5	

**Table 7.38 Age Groups by Gender of Psychiatrists**

Age Group by Gender	Female		Male		Total	
	Number	Percent	Number	Percent	Number	Percent
Under 35	6	33.3	12	66.7	18	100.0
35 - 44	31	53.4	27	46.6	58	100.0
45 - 54	44	48.9	46	51.1	90	100.0
55 - 64	36	32.7	74	67.3	110	100.0
65 and older	18	25.0	54	75.0	72	100.0
Total	135	38.8	213	61.2	348	100.0
No Response Given					8	

**Table 7.39 Race of Psychiatrists**

<b>Race</b>	<b>Number</b>	<b>Percent</b>	<b>Percent of Indiana Population*</b>
White	257	74.3	84.3
Asian/Pacific Islander	66	19.1	1.6
Black/African American	16	4.6	9.1
Multi-racial	6	1.7	n/a
American Indian/Native Alaskan	1	0.3	0.3
Total	346	100.0	
No Response Given	10		

**Table 7.40 Ethnicity of Psychiatrists**

<b>Ethnicity</b>	<b>Number</b>	<b>Percent</b>	<b>Percent of Indiana Population</b>
Hispanic or Latino	15	4.3	6.0
Not Hispanic or Latino	331	95.7	94.0
Total	346	100.0	
No Response Given	10		

**Table 7.41 Medical Specialty of Psychiatrists**

<b>Specialty</b>	<b>Number</b>	<b>Percent</b>
Psychiatry	243	68.3
Psychiatry - Child	66	18.5
Psychiatry - Geriatric	17	4.8
Addiction Medicine	13	3.7
Psychiatry - Forensic	7	2.0
Psychiatry - Addiction	5	1.4
Psychiatry - Psychosomatic Medicine	3	0.8
Psychiatry - Pain Medicine	1	0.3
Psychiatry - Psychoanalysis	1	0.3
Total	356	100.0
No Response Given	0	

**Table 7.42 Average Hours per Week Spent in Direct Patient Care by Psychiatrists at All Indiana Practice Locations**

Average Hours per Week	Primary Practice		Secondary Practice		Tertiary Practice	
	Number	Percent	Number	Percent	Number	Percent
0	14	4.0	1	2.0	0	0.0
1 - 8	27	7.8	18	35.3	8	72.7
9 - 16	25	7.2	17	33.3	2	18.2
17 - 24	51	14.7	8	15.7	0	0.0
25 - 32	63	18.2	5	9.8	1	9.1
33 - 40	85	24.6	1	2.0	0	0.0
40 or more	81	23.4	1	2.0	0	0.0
Total	346	100.0	51	100.0	11	100.0
Did not list an Indiana address for this practice	4		303		0	
Listed an Indiana address, but did not respond to this question	6		2		0	

**Table 7.43 Number of Indiana Practice Locations of Psychiatrists**

Number of Indiana Practice Locations	Number	Percent
1	307	86.2
2	39	11.0
3	10	2.8
Total	356	100.0
No Response Given	0	

**Table 7.44 Percentage of Patients at Psychiatrists' Primary Practice Location Paying with Indiana Medicaid**

Percentage of Patients	Number	Percent
I do not accept Indiana Medicaid	63	18.6
0% - 5% of patients	56	16.5
6% - 10% of patients	21	6.2
11% - 20% of patients	22	6.5
21% - 30% of patients	26	7.7
31% - 50% of patients	57	16.8
Greater than 50% of patients	94	27.7
Total	339	100.0
Did not list an Indiana address for this practice	4	
Listed an Indiana address, but did not respond to this question	13	

**Table 7.45 Percentage of Patients at Psychiatrists' Primary Practice Location Paying on a Sliding Fee Scale**

Percentage of Patients	Number	Percent
I do not offer a sliding fee scale	174	51.5
0% - 5% of patients	46	13.6
6% - 10% of patients	31	9.2
11% - 20% of patients	23	6.8
21% - 30% of patients	16	4.7
31% - 50% of patients	21	6.2
Greater than 50% of patients	27	8.0
Total	338	100.0
Did not list an Indiana address for this practice	4	
Listed an Indiana address, but did not respond to this question	14	

**Table 7.46 Type of Setting of Psychiatrists' Primary Practice Location**

Setting	Number	Percent
Independent Practitioner	105	30.7
Group Practice - Hospital owned (employed)	92	26.9
Group Practice - Not hospital owned	81	23.7
Federally Qualified Health Center	35	10.2
Group Practice - Hospital owned (contracted)	27	7.9
Rural Health Center	14	4.1
Free Clinic	2	0.6
Did not list an Indiana address for this practice	4	
Listed an Indiana address, but did not respond to this question	10	

**Table 7.47 Psychiatrists who Practice with an Advanced Practice Nurse**

Practice with an Advanced Practice Nurse	Number	Percent
Yes	118	33.5
No	234	66.5
Total	352	100.0
No Response Given	4	

**Table 7.48 Psychiatrists who Practice with a Physician Assistant**

<b>Practice with a Physician Assistant</b>	<b>Number</b>	<b>Percent</b>
Yes	14	4.0
No	332	96.0
Total	346	100.0
No Response Given	10	

**Table 7.49 Location of Psychiatrists' Residency or Fellowship**

<b>Location</b>	<b>Number</b>	<b>Percent</b>
Other U.S. State	232	65.4
Indiana	138	38.9
Other Country (not U.S. or Canada)	3	0.8
No Response Given	1	

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**Table 7.50 Primary Professional Activity of PAPNs**

Activity	Number	Percent
Direct patient or client care related activities	64	86.5
Teaching	6	8.1
Other	2	2.7
Administration	2	2.7
Total	74	100.0
No Response Given	2	

**Table 7.51 Gender of PAPNs**

Gender	Number	Percent
Female	71	93.4
Male	5	6.6
Total	76	100.0
No Response Given	0	

**Table 7.52 Race of PAPNs**

Race	Number	Percent	Percent of Indiana Population*
White	72	94.7	84.3
Black or African-American	2	2.6	9.1
American Indian or Alaska Native	1	1.3	0.3
Multi-racial	1	1.3	n/a
Total	76	100.0	
No Response Given	0		

\*74 of 77 reported being 'Not of Hispanic or Latino Origin' and 3 of 77 did not respond to the question

**Table 7.53 Average Work Hours per Week of PAPNs**

Average Hours per Week	Number	Percent
1-9 hours	5	6.6
10-19 hours	4	5.3
20-29 hours	9	11.8
30-39 hours	13	17.1
40 or more hours	45	59.2
Total	76	100.0
No Response Given	0	

**Table 7.54 PAPNs who Work in Multiple Positions in Behavioral Health**

Work in Multiple Positions	Number	Percent
No, only one position	50	66.7
Yes, 2 paid positions	24	32.0
Yes, 3 paid positions	1	1.3
Total	75	100.0
No Response Given	1	

**Table 7.55 PAPN's Anticipated Time to Retirement**

Anticipated Time to Retirement	Number	Percent
1-3 years	10	13.2
4-9 years	23	30.3
10 or more years	43	56.6
Total	76	100.0
No Response Given	0	

**Table 7.56 Practice Setting of PAPNs**

Practice Setting	Number	Percent
Public or community health setting	24	31.2
Ambulatory care setting	19	24.7
Hospital	19	24.7
Other	9	11.7
Nursing home/extended care facility	3	3.9
Nursing education program	2	2.6
School health services	1	1.3
Total	77	100.0
No Response Given	0	

**Table 7.57 Average Number of Client Interactions Scheduled per Week by PAPNs**

Average Patients per Week	Number	Percent
0	3	4.2
1 - 25	16	22.2
26 - 50	27	37.5
51 - 75	15	20.8
76 - 100	5	6.9
More than 100	6	8.3
Total	72	100.0
No Response Given	4	

**Table 7.58 Client Age Groups Seen by PAPNs**

Client Age Groups	Number	Percent
Infants/Toddler (0-4)	8	10.5
Children (5-9)	32	42.1
Adolescents (10-14)	42	55.3
Youth (15-19)	48	63.2
Adults (20-64)	66	86.8
Elders (65 and older)	48	63.2
I do not provide direct patient/client care services.	3	3.9
No Response Given	0	

**Table 7.59 Professional Roles Filled by PAPNs**

<b>Professional Role</b>	<b>Number</b>	<b>Percent</b>
Mood disorders (e.g., depression, bipolar disorder)	62	81.6
Anxiety disorders	61	80.3
General mental health	54	71.1
Post-traumatic stress disorder	46	60.5
Attention Deficit Hyperactivity Disorder (ADHD)	44	57.9
Schizophrenia and/or other psychotic disorders	44	57.9
Personality disorder	39	51.3
Substance abuse disorder (e.g., alcohol, tobacco, drugs)	35	46.1
Impulse control disorders	33	43.4
Stress management	30	39.5
Addictive behaviors	28	36.8
Anti-social behavior	26	34.2
Grief, loss or bereavement	24	31.6
Medical treatment	18	23.7
Relationships	18	23.7
Aging issues	16	21.1
Crisis intervention	16	21.1
Consultation/liaison work	15	19.7
Eating disorders	15	19.7
Mental retardation	15	19.7
Child abuse (Physical, sexual or other)	14	18.4
Adolescent counseling	12	15.8
Learning disorders	12	15.8
Adult abuse (physical, sexual or other)	11	14.5
Community resources	11	14.5
Dissociation disorders	11	14.5
Sexuality issues	10	13.2
Family-centered practice	9	11.8
Competency evaluation	8	10.5
Discharge planning	8	10.5
Marriage and family	8	10.5
Psychological First Aid	8	10.5
Other specialty area	8	10.5
Case management	7	9.2
Crisis counselling	7	9.2
Critical incident stress management	6	7.9
Corrections	4	5.3
AIDS/HIV	3	3.9
Disaster relief	3	3.9
Career counseling	2	2.6

**Table 7.59 Professional Roles Filled by PAPNs (Cont'd.)**

Professional Role	Number	Percent
Extended care facility (nursing home) evaluation and placement	2	2.6
Gambling	2	2.6
Terminal illness counseling	2	2.6
Elder abuse (physical, sexual or other)	1	1.3
Employee assistance program (EAP)	1	1.3
Genetic counseling	1	1.3
Pastoral counselling	1	1.3
State-operated facility assessment and discharge planning	1	1.3
No Response Given	0	

**Table 7.60 Mental Health Certifications Held by PAPNs**

Certifications	Number	Percent
Adult Psychiatric Mental Health Clinical Nurse Specialist Certification	35	45.5
Psychiatric Mental Health Nurse Practitioner Certification	23	29.9
Child/Adolescent Psychiatric Mental Health Clinical nurse Specialist Certification	23	29.9
No Response Given	0	

**Table 7.61 Highest Degree in Nursing Earned by PAPNs**

Highest Degree in Nursing	Number	Percent
Master's	65	85.5
PhD	6	7.9
Doctorate of Nursing Practice (DNP)	5	6.6
Total	76	100.0
No Response Given	0	

**Table 7.62 Location of PAPNs' Degree Granting Institution**

Location	Number	Percent
Indiana	63	82.9
A different US state	9	11.8
A state that borders Indiana	4	5.3
Total	76	100.0
No Response Given	0	