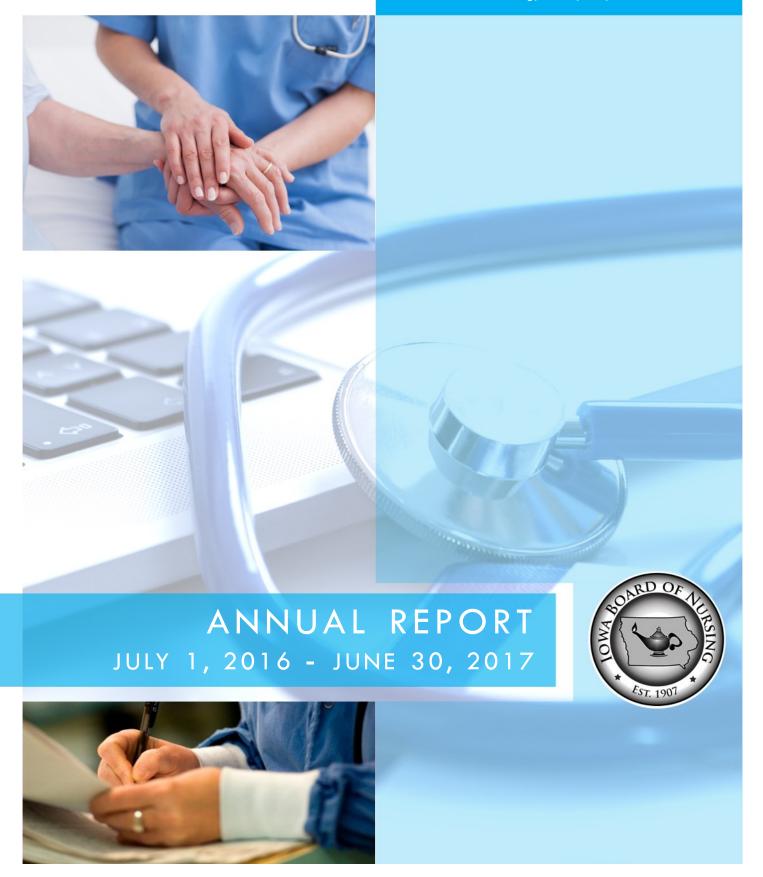
## IOWA BOARD OF NURSING

Kathleen R. Weinberg, MSN, RN, Executive Director



#### A Publication of:



#### MISSION STATEMENT

The mission of the board is to protect the public health, safety and welfare by regulating the licensure of nurses, the practice of nurses, nursing education and continuing education.

For more information contact:

lowa Board of Nursing
Laura R. Hudson, MSN, RN
Associate Director
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# IOWA BOARD OF NURSING: MEMBERS

MAY 1, 2017 - APRIL 30, 2018

Board Member	Term Ends
Kathryn Dolter, PhD, RN Dubuque, IA Representing Nursing Education	2018
Nancy Kramer, EdD, ARNP, CPNP, CNE Vice Chairperson Independence, IA Representing Nursing Education	2019
Mark G. Odden, BSN, MBA, CRNA, ARNP Manchester, IA Representing Nursing Practice	2019
Gwen Suntken, MS, RN Chairperson Mason City, IA Representing Nursing Practice	2020
B.J. Hoffman Liscomb, IA Representing the Public	2020
Patrick Mooney Pocahontas, IA Representing the Public	2020
Vacant Member Representing LPN Practice	

# IOWA BOARD OF NURSING: STAFF

JUNE 30, 2017

Staff Member Title	
Kathleen R. Weinberg, MSN, RN Executive Directo	r
Laura R. Hudson, MSN, RN Associate Directo Continuing Education/Workforce	
Jimmy A. Reyes, DNP, AGNP, RN Associate Directo Practice/Education	
Doug Bartels, BA Associate Directo Enforcemen	
Taunya Cunningham, BSN, RNHealth Professions Investigato	r
Kathleen Beebout, JD, RNHealth Professions Investigato	r
Bill Hansen, BAHealth Professions Investigato	r
Diane Burkert, BSN, RNHealth Professions Investigato	r
Eric Holsapple, BAHealth Professions Investigato	r
Kris Watson, BSN, RNHealth Professions Investigato	r
Lucas Bee, BAHealth Professions Investigato	r
Anne Ryan, BSN, RNHealth Professions Investigato	r
Rhonda Ruby, MSM, RN Iowa Nurse Assistance Program Coordinato	r
Gail BeebeInformation Technology Specialis	it
Margaret ArmagostAdministrative Assistant 2	2
Kathy Clayton Administrative Assistant	1
Kathy Cornwell Secretary 3	3
Tracey WestbySecretary 2	2
David BrunkClerk Specialis	;†
Darlene RodgersClerk Specialis	;†
Kerry BellClerk Specialis	ŧ
Vicki CarlsonClerk Advanced	t

#### **INTRODUCTION**

The mission of the board is to protect the public health, safety, and welfare by regulating the licensure of nurses, the practice of nurses, nursing education, and continuing education.

The members of the lowa Board of Nursing conduct their business in accordance with the lowa Code chapters 17A, 21, 22, 147, 147A, 152, 152E, and 272C; and the lowa Administrative Code, Nursing Board [655].

#### Functions of the Board as provided by regulations include:

Promulgation of rules and regulations to carry out the mandate of the laws.

Approval of all lowa nursing education programs preparing a person to be a registered nurse or a licensed practical nurse. Approval of all lowa advanced formal academic nursing education programs.

Defining the practice of nursing through standards of practice for the registered nurse, licensed practical nurse and the advanced registered nurse practitioner.

Oversight of continuing education for nurses for license renewal and reactivation of licenses.

Oversight of licensure examination administration.

Licensure of registered nurses, licensed practical nurses, and advanced registered nurse practitioners. Renewal, reactivation, and reinstatement of licenses.

Verification of licensure to and from other jurisdictions.

Enforcement of the laws and rules applicable to the practice of nursing including the use of disciplinary proceedings and disciplinary action.

Maintenance of a database management system which allows the retrieval of both individual and statistical data.

Maintenance of records of all Board proceedings.

Establishment of fees based on the cost of sustaining the Board and the actual costs of licensing.

Operation within sound fiscal management principles.

The collection, analysis, and dissemination of nursing workforce data.

#### **NURSING EDUCATION**

#### **Nursing Education Programs**

The lowa Code requires the lowa Board of Nursing to approve nursing education programs preparing registered nurse and practical nurse candidates and all advanced formal academic nursing education programs.

Between July 1, 2016 and June 30, 2017, site visits were made to 13 programs in 6 institutions.

For the purposes of this report, nursing programs are listed separately by site and type. In some instances, more than one site may share administration by a single program, a common philosophy, curriculum, and faculty.

**Figure 1**, below, provides an overall summary of the number of approved nursing education programs available in lowa by type.

Figure 1: Total Number of Approved Nursing Education Programs by Type

Type of Program	Number
Practical Nursing	28
Associate Degree	34
Baccalaureate	20
Master's (academic)	8
Post-Master's	6
Doctoral (DNP)	6
Doctoral (PhD)	1
Total	103

A listing of Nursing Education Programs is provided on the following pages and is organized by type of degree.

#### **Practical Nursing Programs**

Des Moines Area Community CollegeAnkeny
Des Moines Area Community CollegeBoone
Des Moines Area Community College (Urban) Des Moines
Eastern Iowa Community College DistrictBettendorf Scott Community College
Eastern Iowa Community College DistrictClinton Clinton Community College
Hawkeye Community CollegeWaterloo
Indian Hills Community CollegeCenterville
Indian Hills Community College Ottumwa
Indian Hills Community College Ottumwa Evening
lowa Central Community CollegeFort Dodge
Iowa Central Community CollegeStorm Lake
lowa Central Community CollegeWebster City/Eagle Grove
lowa Central Community CollegeWebster City/Eagle Grove
lowa Central Community CollegeWebster City/Eagle Grove lowa Lakes Community CollegeEmmetsburg lowa Valley Community College Districtlowa Falls
Iowa Central Community College
Iowa Central Community College
Iowa Central Community College
lowa Central Community College

CONTINUED

#### **Practical Nursing Programs (continued)**

Northeast Iowa Community College
Northeast Iowa Community CollegePeosta
Northwest Iowa Community CollegeSheldon
Southeastern Community CollegeKeokuk
Southeastern Community CollegeWest Burlington
Southwestern Community CollegeCreston
Western Iowa Tech Community CollegeDenison
Western Iowa Tech Community College Sioux City
Associate Degree Nursing Programs
Des Moines Area Community CollegeAnkeny
Des Moines Area Community CollegeBoone
Des Moines Area Community CollegeCarroll
Des Moines Area Community College Des Moines
Des Moines Area Community CollegeNewton
Eastern Iowa Community College DistrictBettendorf Scott Community College
Eastern Iowa Community College DistrictClinton Clinton Community College
Hawkeye Community CollegeWaterloo
Indian Hills Community CollegeCenterville
Indian Hills Community College Ottumwa
Indian Hills Community CollegeOnline/Hybrid
lowa Central Community CollegeFort Dodge
Iowa Central Community CollegeStorm Lake
lowa Central Community CollegeWebster City/Eagle Grove
lowa Lakes Community CollegeEmmetsburg

CONTINUED

#### **Associate Degree Nursing Programs (continued)**

lowa Valley Community College Districtlowa Falls Ellsworth Community College
Iowa Valley Community College District
lowa Western Community CollegeCouncil Bluffs
lowa Western Community College
Kaplan UniversityCedar Falls
Kaplan UniversityCedar Rapids
Kaplan UniversityDes Moines
Kirkwood Community CollegeCedar Rapids
Mercy College of Health Sciences
North Iowa Area Community CollegeMason City
Northeast Iowa Community CollegeCalmar
Northeast Iowa Community CollegePeosta
Northwest Iowa Community CollegeSheldon
Southeastern Community CollegeKeokuk
Southeastern Community CollegeWest Burlington
Southwestern Community CollegeCreston
Southwestern Community CollegeRed Oak
St. Luke's CollegeSioux City
Western Iowa Tech Community CollegeSioux City
Baccalaureate Nursing Programs
Allen CollegeWaterloo
Briar Cliff UniversitySioux City
Clarke UniversityDubuque
Coe CollegeCedar Rapids
Dordt CollegeSioux Center

CONTINUED

#### **Baccalaureate Nursing Programs (continued)**

Graceland UniversityLamoni
Grand View University Des Moines
lowa Wesleyan University Mount Pleasant
Kaplan UniversityDavenport
Luther CollegeDecorah
Mercy College of Health Sciences Des Moines
Morningside College Sioux City
Mount Mercy UniversityCedar Rapids
Northwestern CollegeOrange City
St. Ambrose UniversityDavenport
St. Luke's College Sioux City
University of DubuqueDubuque
University of Iowa Iowa City
Upper lowa UniversityFayette
William Penn UniversityOskaloosa
Master's in Nursing Programs
Allen CollegeWaterloo
Briar Cliff University Sioux City
Graceland UniversityLamoni
Grand View University Des Moines
Kaplan UniversityDavenport
Morningside College Sioux City
Mount Mercy UniversityCedar Rapids
University of Iowalowa City

#### **Post-Master's Nursing Certificate Programs**

Allen College	Waterloo
Briar Cliff University	Sioux City
Graceland University	Lamoni
Kaplan University	Davenport
Morningside College	Sioux City
University of Iowa	lowa City
Doctorate in Nursing Practice Programs (DNP)	
Allen College	Waterloo
Briar Cliff University	Sioux City
Clarke University	Dubuque
Graceland University	Lamoni
Kaplan University	Davenport
University of Iowa	lowa City
Doctorate in Nursing (PhD)	
University of Iowa	lowa City

### NURSING EDUCATION: ENROLLMENT DATA

Figure 2: Nursing Education Enrollment Data, 2012-2016

	ENROLLMENT ON OCTOBER 15 OF EACH YEAR					
	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	
Associate Degree (32)	2,394	2,260	2,572	2,095	2,240	
Baccalaureate (20)	3,975	4,239	4,616	4,728	4,257	
Pre-Licensure	1 <b>,</b> 867	1 <i>,777</i>	1,830	2,144	2,240	
Registered Nurse	2,108	2,462	2,786	2,584	2,017	
CNL (Pre-Licensure) Master's Degree	-	-	-	-	-	
Total	6,369	6,499	7,188	6,823	6,497	
Practical Nursing Programs (28)	1,781	1,680	1,436	1,354	1,225	
GRADUATE PROGRAMS IN NURSING						
Doctoral - PhD (1)	45	33	27	30	23	
Doctoral - Doctor of Nursing Practice (6)	279	305	280	292	333	
Master's (8)	1,633	1,618	2,130	2,257	2,281	
ADVANCED PRACTICE PROGRAMS IN NURSING						
Post-Master's Certificate (6)	214	214	214	214	242	

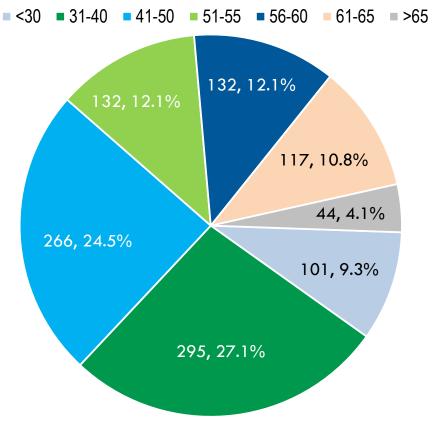
## URSING EDUCATION: GRADUATION DATA

Figure 3: Nursing Education Graduation Data, 2012-2016

	GRADUATIONS BETWEEN 8/1 AND 7/31 OF EACH SCHOOL YEAR					
	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	
Associate Degree (32)	1,559	1,700	1,689	1,597	1,411	
Baccalaureate (20)	1,334	1,418	1,753	1,951	2,133	
Pre-Licensure	566	615	<i>7</i> 16	610	668	
Registered Nurse	<i>7</i> 68	803	1 <b>,</b> 037	1,341	1,465	
CNL (Pre-Licensure) Master's Degree	-	-	-	-	-	
Total	2,893	3,118	3,442	3,548	3,544	
Practical Nursing Programs (28)	1,440	1,332	1,218	1,131	977	
GRADUATE PROGRAMS IN NURSING						
Doctoral - PhD (1)	10	6	7	2	5	
Doctoral - Doctor of Nursing Practice (6)	15	70	81	65	68	
Master's (8)	41 <i>7</i>	400	358	591	589	
ADVANCED PRACTICE PROGRAMS IN NURSING						
Post-Master's Certificate (6)	24	25	45	55	85	

### NURSING EDUCATION: FACULTY DATA

Figure 4: Age Range of Nursing Education Faculty, 2016\*



In 2016, nearly 52 percent of nursing education faculty were 31 to 50 years old compared to just over 39 percent that are over the age of 50.

#### 2016 FACULTY AND VACANCIES

Figure 5: Total Number of Faculty and Vacancies Across All Programs, 2016

Status	<b>Current Faculty</b>	Faculty Vacancies
Full-Time	473	27
Part-Time	1 <i>57</i>	8
Adjunct	599	40
Total	1,229	75

<sup>\*</sup>In 2015, the methodology in survey collection was changed. Due to this, the age range breakouts of faculty collected 2010-2014 does not match the age range breakouts collected in 2015. Therefore, an absolute comparison, or trend, cannot be analyzed 2010-2016.

## NURSING PRACTICE

#### Iowa ARNP Advisory Committee

The lowa Advanced Registered Nurse Practitioner (ARNP) Advisory Committee was formed on September 22, 2015 in response to the Institute of Medicine's landmark report examining the emerging role and responsibility of the Advanced Registered Nurse Practitioner (2010) and the National Council of State Boards of Nursing (NCSBN) Consensus Model report (2008). The lowa Board of Nursing charged the ARNP Advisory Committee to examine education, practice, legislative, and regulatory trends and issues that may have an impact on patient safety and quality of care in accordance with its mission of public protection. Since its inception, the Advisory Committee has met five times and will continue to meet on a quarterly basis.

Based on the Consensus Model, there are four advanced practice roles and six population foci. The four roles include the Clinical Nurse Specialist, Certified Nurse Midwife, Certified Nurse Practitioner, and Certified Registered Nurse Anesthetist. The six population foci include Women's Health and Gender-related, Family Individual across the Lifespan, Psychiatric Mental Health, Adult/Gerontology, Pediatrics, and Neonatal. The ARNP Advisory Committee is composed of the following individuals, which represent the four advanced practice roles:

#### **Committee Member Affiliation** W. Keith Barnhill, Ph.D., CRNA, ARNP .....lowa Anesthesia LC Manchester Jennifer Burds, DNP, FNP-BC, ARNP ......Regional Medical Center Manchester Jill Duffy, ARNP, AGPCNP, RN-BC.....Central States Medicine West Des Moines Lynne Himmelreich, CNM, MPH, FACNM .....The University of Iowa Hospitals and Clinics Department of OB/GYN Iowa City Cheryll Jones, CPNP, ARNP......Division of Child & Community Health Child Health Specialty Clinics Bloomfield Belinda Lassen, CNM, ARNP.....Promise Community Health Center

Sioux Center

## NURSING PRACTICE

#### **Committee Member**

#### **Affiliation**

Maria Lofgren, DNP, ARNP, NNP-BC, CPNP......The University of Iowa
Hospitals and Clinics
Iowa City

Mindy Miller, MSN, CRNA, ARNP..... Heartland Anesthesia & Consulting
Ankeny

Laura Murphy Dellos, MSN, CNM......Covenant Midwives & Women's
Health Center
The University of Iowa Hospitals and Clinics
Department of OB/GYN
Iowa City

Susan Pair, MSN, CRNA, ARNP......Skiff Medical Center
Newton

Sharon Scandrett Hibdon, Ph.D., CNS,...... Genesis Mental Health Clinic FNP, MS, BSN Perry

Sue Whitty, MA, ARNP, CNS.....Hillcrest Mental Health Center
Dubuque

#### References:

Institute of Medicine of the National Academies. (2010). The future of nursing leading change, advancing heath: Report Recommendations. Retrieved from <a href="http://www.nationalacademies.org/hmd/~/media/Files/Report%20Files/2010/The-Future-of-Nursing/Future%20of%20Nursing%202010%20Recommendations.pdf">http://www.nationalacademies.org/hmd/~/media/Files/Report%20Files/2010/The-Future-of-Nursing/Future%20of%20Nursing%202010%20Recommendations.pdf</a>

National Council of State Boards of Nursing. (NCSBN). (2008). Consensus Model for APRN Regulation: Licensure, accreditation, certification, and education. Retrieved from <a href="https://www.ncsbn.org/FINAL">https://www.ncsbn.org/FINAL</a> Consensus Report 070708 w. Ends 013009.pdf

### Nursing Workforce



#### Iowa Center for Nursing Workforce

The lowa Center for Nursing Workforce is staffed by an associate director employed by the lowa Board of Nursing. lowa is a subscriber/member of the National Forum of State Nursing Workforce Centers, which includes 33 participating nurse workforce entities across the nation. The National Forum focuses on data collection and research to address predicted nursing shortages, and works to assure that an adequate supply of qualified nurses will be available to meet the future health and wellness needs of the US population. lowa participates in this research.

The lowa Center was represented at the 2016-2017 annual and midyear meetings of the National Forum, with the associate director taking part in committee work, as requested.

The lowa Center for Nursing Workforce staff is working on the strategic plan update for 2017-2020. Plans include expanding the work of the Center through collaborative efforts already taking place in the state, including: the Healthiest State initiative, the lowa Action Coalition, and the lowa STEM initiative. The advisory committee consists of the following individuals:

#### **Committee Member**

#### **Affiliation**

Julie Adair, RNVice President, Home Care and Workforce lowa Health Care Association/Iowa Center for Assisted Living West Des Moines
Lisa Baumhover, MS, GCNS-BC,Geriatric Clinical Nurse Specialist ARNP UnityPoint Health Des Moines
Stephanie Capesius, BSN, RNNurse Manager Kossuth Regional Health Center Algona
Megan Hartwig, MHAProgram Manager Office of Rural Health, Iowa Department of Public Health Des Moines
Tonya Johannes, DNP, MSN, ARNP-BC, RNFamily Practice NP Mahaska Health Partnership
Indian Hills Community College, Ottumwa, PRN Clinical Instructor
Tami Lund, BSN, RNQuality Manager Immanuel pathways PACE Program Council Bluffs
Beverly McLindenPublic Member, Healthcare Consumer, Rotary Club of Des Moines, A.M. Administrator

Adel

### Nursing Workforce



#### **Committee Member Affiliation** Ryan M. Murphy, MPA, BA.....Bureau Chief Labor Market Information Division, Iowa Workforce Development **Des Moines** Sherrilyn Nikkel, BSN-BC,......Clinic Triage Nurse CVRN-BC, RN **Knoxville Hospital Clinics** Knoxville Anne Ott, RN.....Emergency Room Nurse Regional Health Services of Howard County Cresco Michelle Snitselaar, MSN, RN......Director of Health Services Mount Mercy University Cedar Rapids Zoë Thorton, PhD...... Education Program Consultant Bureau of Career & Technical Education, lowa Department of Education Des Moines Ginny Wangerin, MSN, PhD, RN, CNE......Clinical Assistant Professor Iowa State University, Ames Nursing Practice & Education Consultant

The Center's website can be found under the Board of Nursing's main page at nursing.iowa.gov.

lowa is currently collecting standardized minimum dataset (MDS) information about the LPN/RN/APRN workforce through the lowa Board of Nursing's online registration process. The data collected through the online registration process assists the state with forecasting nursing workforce supply. Collaboration efforts with other state workforce agencies assists with demand projections. All lowa nurse licensees have reported initial level of education, highest level of education, primary practice areas, and information about employment status (full-time, part-time, or unemployed). With every three-year renewal, this information is updated for each individual licensee. Future iterations of the *Trends in Nursing* report published by the Center will include reporting and analysis about the data being collected in the licensure process.

Clive

### Nurse Assistance Program



The lowa Nurse Assistance Program (INAP) was established in 2016 as an initiative through the lowa Board of Nursing. It is a confidential monitoring program for nurses who are impaired as a result of a substance use disorder or by a mental or physical condition. INAP is a voluntary program that provides an opportunity for licensed professionals to receive treatment while maintaining their licensure status.

Licensees are not charged an administrative fee for participating, but they are responsible for all expenses incurred with treatment and monitoring. The program operates within the lowa Administrative Code 655, Chapter 19. INAP's program objectives include:

- Protecting the public while monitoring the nurse to assure safe practice
- Encouraging early identification, entry into treatment, and entry into a contractual agreement for monitoring of compliance with treatment and practice monitoring
- Transparency to the public by providing information through policies and procedures, annual reports, and educational materials
- Supporting nurses to maintain an ongoing recovery consistent with patient safety

INAP is managed by a committee who works with the program coordinator. Committee members include the executive director of the lowa Board of Nursing, substance and mental health professionals, nurses recovering from substance use, and a public member.

The committee conducts meetings on a quarterly basis. During non-meeting months, the co-chairs serve as resources on all cases. The committee held four meetings in 2017 and reviewed a total of 54 participants seeking enrollment into INAP. Members of the INAP committee (2016-2019) are listed on the next page.

### Nurse Assistance Program



Committee Memb	er	Affil	iation				
Robert Colin		Public	Consumer				
Misstie Day, RN, CARN-Co-Chair,Crisis Stabilization Unit Unity Point Rock Island, Illinois							
Karen Ganzer, MSN		Departm Eastern Iowa Communit Davenp					
Kevin Moeckly, BSN,	Kevin Moeckly, BSN, RNDirector of Nursing Woodlands Creek Retirement Community Clive, Iowa						
Alicia Rivera, BSN, R		Nurse al Health Unit, St. Luke's Cedar Rap	s Hospital				
Emily Ward, BSN, RI	Co-Chair Drug	. Associate Chief Nursin Diversion Oversight W ersity of Iowa Hospitals Iowa (	orkgroup				
Kathleen Weinberg,	MSN, RN	Executive lowa Board c Des Moi					
Rhonda Ruby, MS, RN operates as the INAP Coordinator. Julie Bussanmas, an Assistant Iowa Attorney General, provides legal counsel for the program.							
INAP Cases (June 30	0, 201 <i>7</i> )	Case Diagnosis					
Active cases	36	Substance use	24				
Eligibility Review	5	Mental health	2				
Closed	13	Dual diagnosis	15				
Total number in INAP process	54	Physical	0				

## CONTINUING EDUCATION

#### **Approved Providers**

Four (4) provider applications were received during FY 2017, with six (6) applicants awarded lowa Board of Nursing provider approval. One application was returned for incomplete submission. Three denials were made due to the applications not meeting provider criteria within three committee reviews or within the 12-month deadline of filing the initial application. A total of 378 providers have been approved since continuing education became mandatory for nurses in lowa. The total number of approved providers as of June 30, 2017, was 148 (124 in state and 24 out of state).

One provider voluntarily relinquished provider approval during FY 2017. A total of 226 approved providers have voluntarily relinquished or withdrawn their approved provider status since continuing education became mandatory.

During FY 2017, 24 providers were re-evaluated and all were reapproved for five years. No re-evaluations for FY 2017 remain pending.

Board staff had no complaints about approved providers this fiscal year.

The LPN Supervisory Course was moved to an entirely online course, offered by approved provider #376, National Healthcare Institute. Chapter 5 rules are slated for adoption at the July 2017 board meeting.

#### **Audits**

Routine random audits were performed for this fiscal year. There were 815 licensees randomly selected by the nursing database program during FY 2017. During FY 2017, 738 random audits were received and approved. There were 3 random audits that were directed to the Enforcement Division for noncompliance.

Late renewals are automatically audited. The total number of late renewal audits for FY 2017 was 566. During FY 2017, 525 late audits were received and approved. There were 17 late renewal audits that were directed to the Enforcement Division for noncompliance.

## CONTINUING EDUCATION

During FY 2017, there were 318 audits scheduled to be re-audited. Of the 318 re-audits, 287 were received and approved. There were five (5) re-audits that were directed to the Enforcement Division for noncompliance.

Five (5) requests were approved to accept make-up credit for self-reported errors of the continuing education credit required for license renewal. These requests were handled administratively.

A total of 25 audits were directed to the Enforcement Division for noncompliance with continuing education requirements during FY 2017.

#### Fluoroscopy Audits

Auditing of Advanced Registered Nurse Practitioner (ARNP) fluoroscopy continuing education was implemented on January 12, 2015. During FY 2017 fluoroscopy audits were performed on 23 ARNPs through June 30, 2017. All of the audits were received and approved.

#### Rulings

Approved four (4) requests to recognize the clock hours for programs attended outside of lowa for nursing continuing education credit.

#### **LICENSURE**

#### **Examinations**

The lowa Board of Nursing, in cooperation with other state boards of nursing, contracts to use the National Council Licensure Examination (NCLEX®) for registered nurse and practical nurse licensure. The licensing examinations are owned by the National Council of State Boards of Nursing and are prepared by item writers and content experts recommended by boards of nursing and the National Council.

The purpose of the licensure examination is to determine minimal competence to practice nursing as defined by legally constituted authorities. The most recent passing standard was adopted for the licensure examination for registered nurses in April 2016; and for licensed practical nurses in April 2017. Results of the NCLEX® examination are reported to candidates as pass-fail.

There are three types of nursing programs leading to licensure as a registered nurse in the State of Iowa. Graduates of Associate degree, Baccalaureate and prelicensure Master's degree programs are eligible to take the national examination for registered nurse licensure. In Iowa, all nursing programs that prepare registered nurse candidates maintain current approval by the Iowa Board of Nursing.

Graduates of a licensed practical nurse program are eligible to take the national examination for practical nurse licensure. In lowa, all nursing programs that prepare practical nurse candidates maintain current approval by the lowa Board of Nursing.

The rules and regulations of the lowa Board of Nursing require nurses educated and licensed in a foreign country to take the NCLEX® for registered nurse or practical nurse licensure. A prerequisite for taking the registered nurse or practical nurse licensing examination is completion of the Professional Report application of the Commission on Graduates of Foreign Nursing Schools (CGFNS) Credentials Evaluation Service (CES). The countries and non-member board territories that currently administer the NCLEX® Examinations are Australia, Canada (considered international for candidates seeking U.S. licensure), England, Germany (not available), Hong Kong, India, Japan, Mexico, Philippines, Puerto Rico, and Taiwan.

#### **LICENSURE**

The NCLEX® examinations are provided using computerized adaptive testing. NCS Pearson VUE serves as the vendor to provide testing and administration services for NCLEX®. Computerized adaptive testing is conducted at four (4) sites in lowa: Coralville, Davenport, Des Moines, and Sioux City on a year-round basis. Candidates may self-schedule the time and site of choice for the examination when qualifications for licensure and test registration are complete.

There is no provision for temporary licensure of candidates for licensure by examination in lowa.

License status information may be accessed through the Iowa Board of Nursing online license verification systems or through the National Council State Boards of Nursing, NURSYS database. **Figure 6**, below, delineates the performance of candidates, educated both nationally and in lowa programs, on the National Council Licensure Examination (NCLEX®). The tables display the passing percentage for first-time test takers among registered nurses as well as licensed practical nurses.

Figure 6: NCLEX® Passing Rates Among First-Time Test Takers, FY 2013-2017

	NCLEX® RESULTS: REGISTERED NURSES							
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017			
NATIONAL								
Total Number of Test Takers	152,243	155,335	159,528	161,156	1 <i>5</i> 9,13 <i>7</i>			
Number Passing the Exam	132,504	128,243	131,666	135,276	137,135			
Passing Percentage	87.03%	82.56%	82.53%	83.94%	86.17%			
IOWA								
Total Number of Test Takers	2,103	2,206	2,332	2,268	2,043			
Number Passing the Exam	1,810	1,814	1,822	1,829	1,730			
Passing Percentage	86.07%	82.23%	78.13%	80.64%	84.68%			

	NCLEX® RESULTS: LICENSED PRACTICAL NURSES							
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017			
NATIONAL								
Total Number of Test Takers	60,339	58,007	53,021	49,085	47,849			
Number Passing the Exam	50,992	48,818	43,091	40,704	40,094			
Passing Percentage	84.51%	84.16%	81.27%	82.93%	83.79%			
IOWA								
Total Number of Test Takers	1,084	1 <b>,</b> 0 <i>57</i>	1,101	990	789			
Number Passing the Exam	1,027	989	1,001	905	728			
Passing Percentage	94.74%	93.57%	90.92%	91.41%	92.27%			

A total of 2,734 initial nursing licenses by examination were issued to lowa candidates in FY 2017.

#### FISCAL YEAR 2017 RESULTS

During FY 2017, lowa had a first-time passing rate among registered nurses of 84.68 percent. This is slightly lower than the national passing rate (86.17%). Licensed practical nurses in lowa had a first-time passing rate of 92.27 percent which outpaced the nation (83.79%) by approximately 8.5 percent.

# EXAMINATION STATISTICS

**Figure 7**, below, delineates the performance of lowa graduates taking the NCLEX® for the first time. The table displays the passing percentage among both registered nurses and licensed practical nurses in any jurisdiction by type of education.

Figure 7: NCLEX® Passing Rates Among lowa's First-Time Test Takers by Education Type, FY 2013-2017

	NCLEX® RESULTS: RNS AND LPNS IN IOWA BY DEGREE TYPE						
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017		
BACCALAUREATE							
Total Number of Test Takers	544	646	636	652	776		
Number Passing the Exam	493	572	559	558	696		
Passing Percentage	90.63%	88.54%	87.89%	85.58%	89.69%		
ASSOCIATE DEGREE							
Total Number of Test Takers	1,559	1,560	1,695	1,620	1,267		
Number Passing the Exam	1,407	1,242	1,263	1,276	1,107		
Passing Percentage	90.25%	79.62%	74.51%	78.77%	87.37%		
PRACTICAL NURSING							
Total Number of Test Takers	1,084	1 <b>,</b> 0 <i>57</i>	1,101	990	789		
Number Passing the Exam	1,027	989	1,001	905	728		
Passing Percentage	94.74%	93.57%	90.92%	91.41%	92.27%		

#### NCLEX® RESULTS AND PROGRAM INSTITUTIONAL PLANS

Pursuant to 655 IAC 2.10 (152), Nursing Programs shall notify the board when the program's NCLEX® passing percent, for all first-time applicants within six months of graduation, is lower than 95 percent of the national percentage for two consecutive calendar years. Those programs shall submit to the board an institutional plan for assessment and improvement of NCLEX® results.

**Figure 8** gives the number of programs which have submitted institutional plans by fiscal year.

Figure 8: Programs with Institutional Plans, FY 2013-2017

FISCAL YEAR	2013	2014	2015	2016	2017
NUMBER OF PROGRAMS	3	5	5	4	5

# EXAMINATION STATISTICS

Figure 9: Number of Iowa Candidates Educated in a Foreign Country that Passed the NCLEX®, FY 2017

Country	Registered Nurses	Licensed Practical Nurses
Austrailia	1	0
Cameroon	1	0
Ethiopia	1	0
India	1	0
Kenya	1	0
Nepal	1	0
Nigeria	1	0
Philippines	1	0
Total	8	0

#### **TESTING ACCOMMODATIONS**

Pursuant to IAC 655 IAC 3.4(5), individuals with diagnosed disabilities, as defined in the Americans with Disabilities Act, shall be provided modifications/accommodations during administration of the NCLEX®. During FY 2017, a total of thirty-two (32) candidates were approved for testing accommodations and zero (0) were denied. **Figure 10** indicates the specific type of accommodation granted and the number of candidates who passed and failed by fiscal year.

Figure 10: NCLEX® Testing Accommodations and Results, FY 2008-2017

	NCLEX® TESTING ACCOMMODATIONS AND RESULTS*									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Separate Room	1	3	1	1	3	0	2	3	3	2
Additional Testing Time	2	1	0	1	1	0	0	1	1	1
Separate Room and Reader	0	1	0	0	0	0	0	0	0	0
Separate Room and Additional Testing Time	8	11	11	8	20	6	8	11	26	12
Separate Room, Reader, and Additional Testing Time	3	4	3	1	1	2	2	5	1	2
Separate Room and Double Time	0	0	0	0	0	2	1	0	0	2
Other	0	0	0	0	0	0	0	0	1	0
Number Passed	6	16	11	11	19	19	10	16	26	17
Number Failed	8	5	7	5	14	9	7	18	24	19

<sup>\*</sup>Number passed and number failed data, for 2008-2017, includes candidates who were approved for testing accommodations in a previous fiscal year and tested in the following fiscal year. These numbers will also include candidates who retested due to a previous failure.

# LICENSURE: ARNP LICENSEES

**Figure 11**, below, delineates the total number of licensees currently registered to practice at the advanced level, Advanced Registered Nurse Practitioners (ARNP). The number of ARNP licenses increased by 297 between FY 2016 and FY 2017. ARNP licenses have increased by 45.2 percent since FY 2013.

Figure 11: ARNP Licensees by Certification Type, FY 2013-2017

	ARNP LICENSEES							
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017			
CERTIFICATION TYPE								
Certified Family Nurse Practitioner	1,114	1,274	1,458	1,709	1,928			
Family/Individual Across the Lifespan CNP	NA	NA	2	3	2			
Certified Nurse Midwife	111	113	110	114	124			
Certified Pediatric Nurse Practitioner	195	203	170	118	65			
Pediatric Acute Care CNP	NA	1	5	8	13			
Pediatric Primary Care CNP	NA	1	40	94	1 <i>57</i>			
Certified Registered Nurse Anesthetist	548	542	551	594	591			
Certified School Nurse Practitioner	1	1	-	-	-			
Certified Women's Health Care Nurse Practitioner	157	160	163	167	162			
Women's Health/Gender Related CNP	NA	NA	-	1	1			
Certified Psych/Mental Health Nurse Practitioner	121	146	147	167	184			
Psych Mental Health Across the Lifespan CNP	NA	NA	21	38	49			
Adult/Gerontology Acute CNP	NA	4	22	53	69			
Adult/Gerontology Primary CNP	NA	14	37	70	104			
Certified Adult Nurse Practitioner	160	163	1 <i>57</i>	166	1 <i>57</i>			
Certified Clinical Nurse Specialist	90	88	84	85	80			
Certified Gerontological Nurse Practitioner	67	70	63	57	52			
Certified Neonatal Nurse Practitioner	46	50	52	55	55			
Neonatal CNP	NA	NA	4	5	6			
Acute Care Nurse Practitioner	80	94	99	107	109			
Perinatal Nurse Practitioner	2	-	-	-	-			
TOTAL	2,692	2,924	3,185	3,611	3,908			

# LICENSURE: RENEWALS

A licensee is considered in good standing if currently licensed (active) or officially inactive. **Figure 12** shows the license renewal numbers for FY 2013 through FY 2017 for both RNs and LPNs. Licenses that became inactive each year are also indicated.

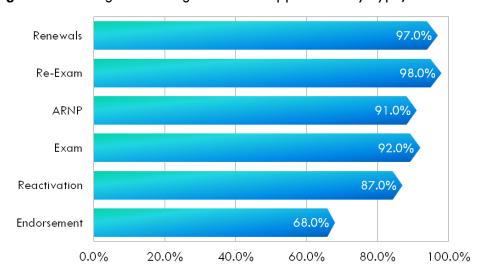
A license is automatically placed on inactive status 30 days after expiration. Requests for inactive status are only accepted when the licensee has changed primary state of residence to another compact state.

Figure 12: License Renewal Numbers for RNs and LPNs, FY 2013-2017

	RN AND LPN LICENSE RENEWALS						
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017		
REGISTERED NURSES							
Licenses Renewed	13,706	13,350	14,245	14,584	14,213		
Licenses Renewed with Late Penalty	469	476	474	485	493		
Licenses that Became Inactive	2,020	2,319	2,452	2,766	2,631		
LICENSED PRACTICAL NURSES							
Licenses Renewed	2,698	2,534	2,579	2,535	2,393		
Licenses Renewed with Late Penalty	1 <i>75</i>	154	154	156	159		
Licenses that Became Inactive	1,453	1,510	1,459	1,464	1,410		

### **FY 2017 ONLINE APPLICATIONS**

Figure 13: Average Percentage of Online Applications by Type, FY 2017



# REACTIVATIONS AND REINSTATEMENTS

Inactive licensees regain active status by reactivation. Licensees who have been encumbered for disciplinary reasons are returned to good standing by reinstatement after board approval. All licenses automatically convert to inactive status 30 days after expiration.

Figure 14: Reactivations and Reinstatements for RNs and LPNs, FY 2013-2017

		RN AND LPN LICENSE REACTIVATIONS/REINSTATEMENTS						
		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017		
REACTIVATIONS								
RN		521	501	574	597	509		
LPN		156	206	172	183	1 <i>75</i>		
	TOTAL	677	707	746	780	684		
REINSTATEMENTS								
RN		8	9	10	7	11		
LPN		3	5	2	6	5		
	TOTAL	11	14	12	13	16		

The lowa Code provides that the lowa Board of Nursing may recognize a registered nurse or practical nurse license issued by another state under the condition that the licensee meets all the qualifications required in lowa.

Figure 15: Total Endorsements for RNs and LPNs, FY 2013-2017

		RN AND LPN LICENSE ENDORSEMENTS				
		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
LICENSE TYPE						
RN		1,030	1,218	1,355	1,765	1,628
LPN		95	126	148	132	128
	TOTAL	1,125	1,344	1,503	1 <b>,</b> 897	1,756

#### FISCAL YEAR 2017 RESULTS

In FY 2017, there were a total of 1,756 total endorsements (RN and LPN combined) representing a decrease of 141 total endorsements over the previous year. Since 2013, the total number of endorsements grew by 56.1 percent.

# VETERAN APPLICATION PROCESSING

Chapter 18 of 655 IAC provides that veterans shall be given priority and applications shall be expedited.

Figure 16: Veteran Application Processing Results, FY 2017

VETERAN APPLICATION PROCESSING					
APPLICATION TYPE	NUMBER OF APPLICATIONS	AVERAGE DAYS TO PROCESS			
ARNP					
Initial	62	20			
Reactivation	8	4			
Renewal	205	5			
RN					
Exam/Re-Exam	64	58			
Endorsement	139	41			
Renewal	1,871	-			
Reactivation	44	37			
LPN					
Exam/Re-Exam	33	39			
Endorsement	13	44			
Renewal	336	1			
Reactivation	21	37			
TOTAL	2.796	26			

### APPLICATION PROCESS SUMMARY

In FY 2017, a total of 2,796 veteran applications were processed. This included: 275 ARNP licenses, 2,118 RN licenses, and 403 LPN licenses. Overall, the average length of time spent processing each request was 26 days. Initial license applications, on average, took the longest to process while renewals took the least amount of time.

All required materials need to be submitted before any application can be processed and a license is issued. The lowa Code provides that the lowa Board of Nursing may verify licensure of registered nurses or licensed practical nurses in this state to another state, territory, or foreign country. The lowa Board of Nursing verified 221 licenses for other states, employers, territories or foreign countries during FY 2017.

The lowa Board of Nursing implemented participation in the National Council of State Boards of Nursing NURSYS® verification of licensure system in January 2001. NURSYS® processes license verification requests sent to the National Council of State Boards of Nursing by nurses. The implementation of the NURSYS® verification system has affected the lowa Board of Nursing as follows:

Figure 17: License Verification, FY 2007-2017

LICENSE VERIFICATION						
FISCAL YEAR	VERIFICATIONS COMPLETED BY IBON	VERIFICATIONS REFERRED TO NURSYS				
2007	255	242				
2008	561	194				
2009	432	252				
2010	580	207				
2011	326	129				
2012	162	131				
2013	157	163				
2014	149	118				
2015	201	123				
2016	165	171				
2017	221	56				

## LICENSURE: NUMBER OF LICENSEES

**Figure 18,** below, indicates the total number of active licenses in the State of lowa by fiscal year for both RNs and LPNs.

Figure 18: Total Number of Licenses (RN and LPN), FY 2013-2017

	NUMBER OF LICENSES, RN AND LPN				
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
REGISTERED NURSES					
Active	48,559	49,929	51,338	52,895	54,183
LICENSED PRACTICAL NURSES					
Active	11 <b>,7</b> 68	11,544	11,371	11,11 <i>7</i>	10,721
RN AND LPN COMBINED					
Active	61,473	62,709	62,709	64,012	64,904

### FISCAL YEAR 2017 RESULTS

In FY 2017, there were a total of 64,904 active licenses (RN and LPN combined). This reflects an increase of 892 active licenses over the previous year and a percentage increase of 5.6 percent since FY 2013.

# DUPLICATES AND LICENSURE COMPACT

If current wallet cards are lost or destroyed a duplicate license must be issued. Licensees may also request a reissued wallet card in the event of a name, address change, or a change in multi-state privilege.

Figure 19: Duplicate and Reissued Licenses, FY 2013-2017

		DUPLI	CATES AND RE	SSUES	
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
DUPLICATES					
RN	283	267	228	237	245
LPN	62	55	59	51	52
ARNP	NA	15	12	23	25
TOTAL	345	337	299	311	322
REISSUES					
RN	110	1 <i>7</i> 8	1 <i>87</i>	172	153
LPN	20	52	61	45	30
ARNP	NA	18	15	15	24
TOTAL	130	248	263	232	207

## NURSE LICENSURE COMPACT

Legislation enacting the Nurse Licensure Compact became effective on July 1, 2000. The compact provides for a state-based nursing license that is mutually recognized among all party states.

On April 21, 2017, Governor Terry Branstad signed legislation adopting the Enhanced Nurse Licensure Compact (eNLC). The eNLC replaces the current nurse licensure compact. The eNLC will be implemented on January 19, 2018.

## LICENSURE: EMPLOYMENT STATISTICS

**Figure 20** provides the employment statistics of RNs and LPNs licensed in lowa from FY 2013 through FY 2017.

Figure 20: Employed Statistics of Nurses Licensed in Iowa (RNs and LPNs), FY 2013-2017

	EMPLO	OYMENT STATIS	STICS OF NURSE	S LICENSED IN	IOWA
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
REGISTERED NURSES					
Located in State	43,478	44,228	45,196	46,194	46,749
Employed in Nursing	37,642	42,557	44,719	44,751	41,033
Full-Time	28,210	32,759	34,739	34,952	31,838
Part-Time	9,432	9,798	9,980	9,799	9,195
Employed Outside of Nursing	3,286	2,093	2,593	2,801	1 <b>,</b> 887
Unemployed	5,359	4,421	3,412	3,076	1,541
Student	*	*	*	*	*
Retired	1,272	1,443	1,653	1 <i>,757</i>	1,751
Volunteer	NA	159	254	293	281
LICENSED PRACTICAL NURSES					
Located in State	11,086	10,865	10,762	10,586	10,180
Employed in Nursing	7,606	8,710	9,320	9,195	8,066
Full-Time	<i>5,</i> 701	6,665	7,105	7,034	6,058
Part-Time	1,905	2,045	2,215	2,161	2,008
Employed Outside of Nursing	1,1 <i>75</i>	1,020	1,3 <i>75</i>	1,497	999
Unemployed	2,402	1,900	1,556	1,561	604
Student	*	*	*	*	*
Retired	1 <i>57</i>	1 <i>75</i>	208	225	220
Volunteer	NA	25	33	43	38

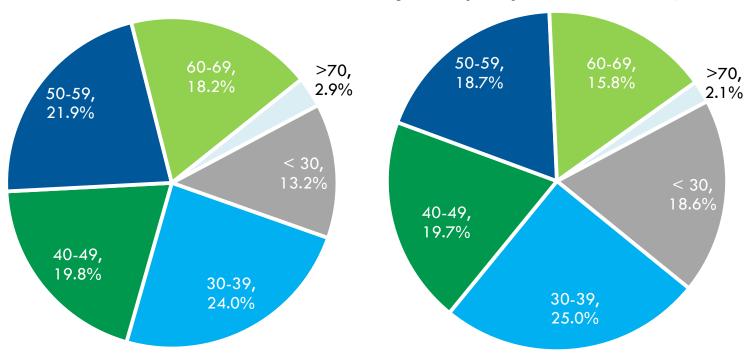
<sup>\*</sup>Students are included within 'unemployed' beginning FY 2013.

<sup>\*\*</sup>There are an additional 7,434 registered nurse licensees who reside out of the state/country. Details about their employment information is not available. There are an additional 541 licensed practical nurses who reside out of the state/country. Details about their employment information is not available. Totals may not reconcile due to information that may be missing on the paper applications.

**Figures 21** and **22** breakdown active in-state RNs and LPNs, respectively, by age range during FY 2017.

Figure 21: Age Range of Active In-State RNs, FY 2017

Figure 22: Age Range of Active In-State LPNs, FY 2017



## AGE RANGE OF ACTIVE NURSES

In 2017, nearly half (43.0%) of registered nurses were 50 years old or older. This represents approximately 20,122 active in-state RNs.

In addition, nearly two-fifths (36.6%) of licensed practical nurses were 50 years old or older. This represents approximately 3,726 active instate LPNs.

## STATISTICAL OVERVIEW

**Figure 23** breaks down the number of active nurses who reside in lowa as well as by education level among registered nurses in lowa for FY 2017.

Figure 23: Active Nurse Demographics, FY 2017

	ACTIVE NURSE DEMOGRAPHICS							
	IOWA RESIDENCE	% OF TOTAL						
ACTIVE NURSES								
RN	46,749	82.1%						
LPN	10,180	17.9%						
TOTAL	56,929	-						
BASIC RN EDUCATION								
DIPLOMA	5,864	12.6%						
ADN	26,046	55.8%						
BSN	13,939	29.8%						
OTHER	854	1.8%						
TOTAL	46,703	-						
HIGHEST DEGREE HELD BY RNs								
DIPLOMA	3,861	8.3%						
ADN	19,886	42.6%						
BSN	14,847	31.8%						
OTHER BACCALAUREATE	2,563	5.5%						
MASTER'S IN NURSING	3,883	8.3%						
OTHER MASTER'S	1,108	2.4%						
DOCTORATE IN NURSING	424	0.9%						
OTHER DOCTORATE	160	0.3%						
TOTAL	46,732	-						

## GENDER BREAKDOWN OF NURSES

Figure 24: Active RN and LPN Licensees by Gender, FY 2017

ACTIVE LICENSEES BY GENDER*	RN	LPN	TOTAL	% OF TOTAL
MALES	2,579	537	3,116	5.5%
FEMALES	44,169	9,643	53,812	94.5%
TOTAL	46.748	10.180	56.928	

<sup>\*</sup>Totals may include deceased licensees for whom the board has not been notified.

### **ENFORCEMENT**

Investigators and staff logged 21,997 miles on agency-owned vehicles while traveling the State in the course of conducting investigations and nursing board business.

At the end of FY 2017, there were a total of 79 licensees who are being actively monitored by the enforcement division.

Sanctions and other discipline related board actions are reported to the National Council of State Boards of Nursing (NCSBN). Acting as the board's agent, the NCSBN then disseminates the information to the National Practitioner Data Bank and Healthcare Integrity and Protection Data Bank as required by law.

Quarterly reports were prepared after each board meeting that outline disciplinary actions taken by the Board. These statistics are published in the Board's newsletter and were submitted to the licensing authorities of the other states through the Disciplinary Report of the National Council of State Boards of Nursing.

# DISCIPLINARY STATISTICS

A total of 779 complaints were opened in FY 2017. During FY 2017, 494 cases were closed due to No Probable Cause.

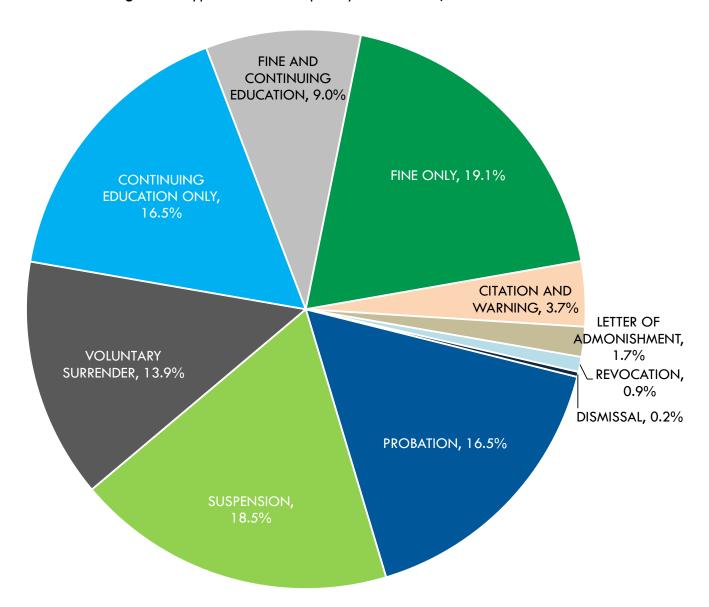
Figure 25: Disciplinary Statistics, FY 2017

COMPLAINTS EILED

BOARD DISCIPLINARY ACTION  PROBATION  SUSPENSION  VOLUNTARY SURRENDER  CONTINUING EDUCATION ONLY	57 64
PROBATION SUSPENSION VOLUNTARY SURRENDER	
SUSPENSION VOLUNTARY SURRENDER	
CONTINUING FOLICATION ONLY	48
COMMINDING EDUCATION ONLY	57
FINE AND CONTINUING EDUCATION	31
FINE ONLY	66
CITATION AND WARNING	13
LETTER OF ADMONISHMENT	6
REVOCATION	3
DISMISSAL	1
TOTAL	346
TOTAL FINES ORDERED	\$27,000
CASES CLOSED WITHOUT ACTION	494
CRIMINAL CONVICTION/OUT OF STATE DISCIPLINARY	APPLICANTS
APPROVED	1 <i>7</i>
DENIED	2
LICENSE REINSTATEMENT REQUESTS	
A DDD OVED	16
APPROVED DENIED	1

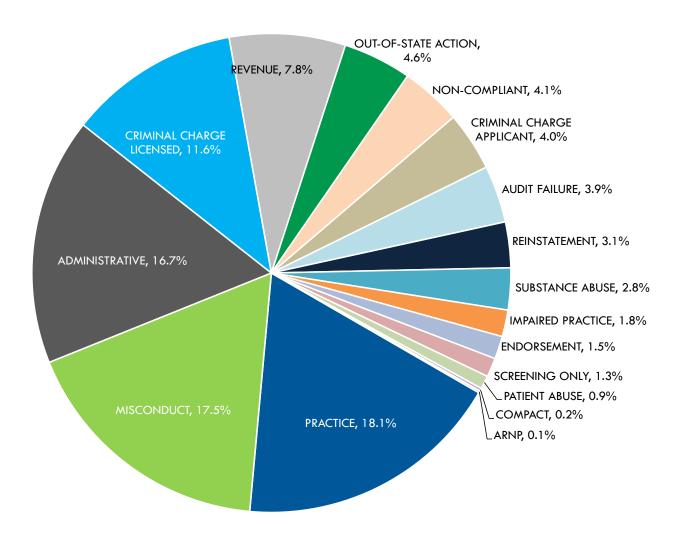
During FY 2017, 346 disciplinary actions were ordered by the Board. **Figure 26** breaks down, by percentage, what type of action was taken.

Figure 26: Type of Board Disciplinary Action Taken, FY 2017



## ENFORCEMENT: CASE STATISTICS

Figure 27: Type of Enforcement Cases Opened, FY 2017



## CASE TYPE SUMMARY

Of the 779 complaints filed in FY 2017, 18.1 percent of cases opened were practice, followed by: misconduct (17.5%), administrative (16.7%), criminal charge licensed (11.6%), and Department of Revenue (7.8%).

## ENFORCEMENT: CASE STATISTICS

OTHER, 9.6%

SELF-REPORT, 16.7%

DEPARTMENT OF REVENUE, 7.7%

LAW
ENFORCEMENT/STATE AGENCY, 7.4%

EMPLOYER, 23.0%

IOWA BOARD OF NURSING, 27.5%

Figure 28: Type of Complainant by Cases Opened, FY 2017

The lowa Board of Nursing opens cases regarding audit failures, working without proper license status, reinstatement of license, and anonymous complaints.

## CASE COMPLAINANT SUMMARY

Of the 779 complaints filed in FY 2017, 27.5 percent of cases were opened with the lowa Board of Nursing as the complainant. The lowa Board of Nursing was the complainant for the majority of cases opened (214) in FY 2017. The next largest complainant category was the employer which filed 23.0 percent of the total complaints in FY 2017, followed by self-report at 16.7 percent.

## CASE STATISTICS

1,200 1,000 1,020 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017

Figure 29: Enforcement Cases Opened by Fiscal Year, 2004-2017

### **ENFORCEMENT CASE TRENDS**

There was a substantial increase in the number of enforcement cases between the years 2006 and 2011 with the largest percentage increase occurring between 2010 and 2011 (26.1%).

Since 2011, however, enforcement cases have declined. The largest percentage decrease during this time period was between 2013 and 2014 (-21.9%). Since FY 2015 there has been a 4.0 percent increase of enforcement cases.

### **ADMINISTRATION**

### Staffing

Lynn Linder, Operations Manager retired in April 2017.

#### Presentations

The professional staff continued its efforts to acquaint nurses with the laws affecting nursing practice, education, and licensee/licensure regulations. During FY 2017 staff provided presentations to a variety of audiences including: nursing education programs, continuing education programs, facilities, and professional groups regarding: legal rights and responsibilities, impaired practice of chemically dependent nurses, workforce, and licensing issues.

### Staff Representation on Committees and Organizations

- Iowa Action Coalition Steering Committee
- Iowa Association of Colleges of Nursing
- Iowa Association for Nursing Continuing Education
- Iowa Community College Nurse Educator Directors' Association
- Iowa Nurses' Association
- Iowa Online Nurse Residency Program Advisory Committee
- Iowa Organization of Nurse Leaders
- The National Forum of State Nursing Workforce Centers
- Nurse Licensure Compact Administrators Executive Committee

### Meetings, Conferences, and Training Attended by Staff

- CLEAR Training
- 2017 National Forum of State Nursing Workforce Centers Annual Conference
- NCSBN Annual Institute of Regulatory Excellence Conference
- Forum of State Nursing Workforce Centers' Executive Meeting
- NCSBN Annual Meeting
- CLEAR Annual Educational Conference
- CTAC Annual Meeting
- CLEAR/CAC Modernizing the Regulatory Framework for Telehealth
- NCSBN Discipline Case Management Conference
- NCSBN Mid-Year Meeting
- 2017 NOAP Annual Conference
- 2017 NCSBN APRN Roundtable
- NLCA Executive Committee
- 2017 NCSBN Executive Officer Summit
- NCSBN eNLC Transition Commission Meeting

### **ADMINISTRATION**

#### Website

Staff continues updating the board website, which provides current information to licensees and the public. The home page also serves as the primary access site for online services, licensure, practice, continuing education, nursing education programs, enforcement, about the board, lowa Nurse Assistance Program, lowa law and administrative rules, and nursing workforce.

The IBON Online Services continues to serve as the primary access site for online applications, verifications, ordering rosters, and updating contact information.

Social media features are under construction and expected to launch in 2018.

#### Newsletter

The *Nursing Newsletter* is the official publication of the lowa Board of Nursing for the dissemination of all information, including: board action, rule revision, procedural requirements, and disciplinary action.

Four issues of the newsletter were published in FY 2017, with a total distribution of 239,800.

**Figure 30** shows the licensing fees that have been approved to support regulatory activities of the lowa Board of Nursing for FY 2013 through FY 2017.

Fees are collected based upon the cost of sustaining the Board's mission to protect the public health, safety, and welfare. The renewal fee covers a three-year period. The last increase in licensing fees was FY 2004.

Figure 30: Licensing Fees of the Iowa Board of Nursing, FY 2013-2017

		LICENSING	FEES BY FIS	CAL YEAR	
	2013	2014	2015	2016	2017
Application for Examination	\$143.00	\$143.00	\$143.00	\$143.00	\$143.00
Application for Licenses by Endorsement	\$169.00	\$169.00	\$169.00	\$169.00	\$169.00
Applicaton for Advanced Registered Nurse Practitioner	\$81.00	\$81.00	\$81.00	\$81.00	\$81.00
Renewal of RN/LPN License	\$99.00	\$99.00	\$99.00	\$99.00	\$99.00
Renewal of ARNP License	\$81.00	\$81.00	\$81.00	\$81.00	\$81.00
Late Renewal of RN/LPN License	\$149.00	\$149.00	\$149.00	\$149.00	\$149.00
Reactivation of RN/LPN License	\$225.00	\$225.00	\$225.00	\$225.00	\$225.00
Certified Verification of License	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00
Duplicate/Re-Issue of Wallet Card or Certificate	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00
Non-Certified Employer Verification of License	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00
Returned Check	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00

## ADMINISTRATION: FINANCIAL REPORT

Figure 31: Financial Report - Receipts Table I, FY 2016-2017

	RECE	IPTS
TABLE I	FY 2016	FY 2017
RECEIPTS		
0285 Reimbursement from Other Agencies		1,464
0304 Other Agency Billings		<i>7</i> 11
0515 Copy Fees	40	60
0538 Examination Fees	355,890	325,630
0566 Nursing Licenses	3,926,042	4,071,161
0629 Hearing Fees	600	525
0643 Refunds	370	130
0642 Miscellaneous (DCI Fees)	312,369	303,568
0649 Late Penalties (Retained)	32,301	32,815
0650 Return Check Service Fee	15	15
SUBTOTAL	\$4,627,627	\$4,736,079
0649 Fines (to General Fund)	1 <b>7,</b> 825	33,155
TOTAL	\$4,645,452	\$4,769,234

## ADMINISTRATION: FINANCIAL REPORT

Figure 32: Financial Report - Disbursements Table II, FY 2016-2017

	DISBURSEMENTS							
	FY 2016	FY 2017						
TABLE II								
DISBURSEMENTS								
101 Personal Services	2,015,819	2,193,988						
202 Personal Travel In-State	19,532	19,552						
203 State Vehicle Operation	3,498	3,720						
204 State Vehicle Depreciation	5,148	5,148						
205 Out-of-State Travel	22,150	23,228						
301 Office Supplies	24,793	35,161						
309 Printing and Binding	6,956	5,033						
313 Postage	32,298	29,767						
401 Communications	35,069	31,235						
402 Rentals	103,947	94,997						
405 Professional Services	3,286	0						
406 Outside Services	12,771	16,593						
407 Intra-State Transfers	5,336	3,380						
408 Advertising	5,226	3,634						
409 Outside Repairs	938	1,694						
414 Reimbursements to Other Agencies	11,838	10,443						
416 ITD Reimbursement	97,595	87,769						
418 IT Outside Services	68,575	327,295						
432 Gov Transfer Attorney General	90,499	90,422						
433 Gov Transfer Auditor of State	665	873						
434 Gov Transfer Other Agencies	248,872	236,551						
503 Equipment Non-Inventory	8,014	589						
510 IT Equipment and Software	27,972	106,816						
602 Other (Credit Card Processing)	36,336	37,815						
705 Refunds	350	330						
TOTAL	\$2,887,483	\$3,366,033						

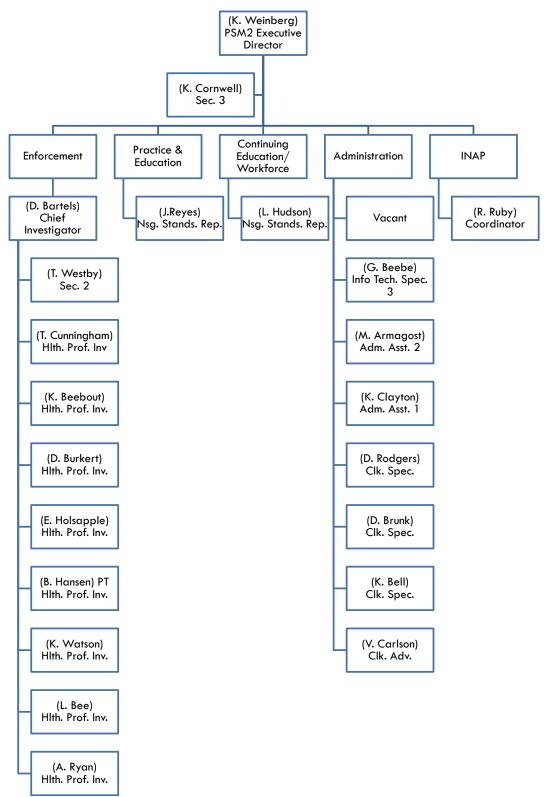
Totals may vary due to rounding.

### **Appropriation**

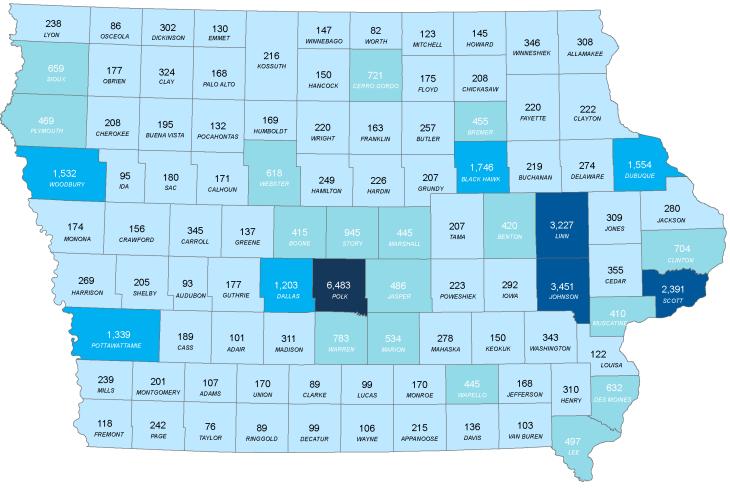
The Board's expense budget for FY 2017 was based on its revenue, no funds were appropriated to the Board by the Legislature. The Board of Nursing's FY 2017 budget, both on the revenue and expenditure side, was \$4,753,000. On the revenue side, the Board was \$16,909 short of the projected budget. On the expenditure side, the Board spent \$3,366,032, which was \$1,386,968 less than budgeted.

## ADMINISTRATION: ORGANIZATIONAL CHART

Figure 33: Iowa Board of Nursing Staff, FY 2017



# APPENDIX A ACTIVE RN LICENSES BY COUNTY



#### **Active RN Licenses**

### by County of Residence

76 - 355

356 - 945

946 - 1,746

1,747 - 3,451

3,452 - 6,483

This map reflects the number of active RN licenses in lowa by county of residence.

# APPENDIX A ACTIVE RN LICENSES ENTRY-LEVEL EDUCATION: DIPLOMA

	<b>24</b> LYON	10 osceola		29 IINSON	12 EMMET	14	9 WINNEBAGO		5 ORTH	12 MITCHELL		8 DWARD	25 WINNES	- 1	14 ALLAMAKE	E	
3	110 sioux	22 OBRIEN		36 LAY	14 PALO ALTO	KOSSUTH	12 HANCOCK			11 FLOYD		18 ckasaw					
1	89 PLYMOUTH		3 BUENA		14 POCAHONTAS	10 HUMBOLDT	24 wright		21 NKLIN	27 BUTLER		64 <sub>Реме</sub>	14 FAYET		41 CLAYTON		
•	271 WOODBURY	19 IDA		25 sac	14 CALHOUN	30 WEBSTER	14 HAMILTON		33 ARDIN	29 GRUNDY	BLAC	283 CK HAWK	34 висня		32 DELAWAR	19: DUBUG	
	26 MONON		32 WFORD	1			51 300NE	125 STORY		74 PSHALL			36 ENTON	340 LINN		42 JONES	22 JACKSON
	37 HARR		<b>42</b> SHELBY	14 AUDU	34 JBON GUTHR	196 DALL		_	68 JASE		34 POWESHIER		39 10WA	226 <sub>ЈОНИ</sub> S		32 CEDAR	259 scott
		257 POTTAWATTAI	ИЕ	23 cass	,			50 PREN	88 mario		28 Haska	7 KEOK		24 ashington		32 JSCATINE	
		<b>46</b> місья	36 MONTGOM		7 ADAMS	23 UNION	11 CLARKE	10 LUCA		15 MONROE	19 WAPE		16 JEFFERSO	m i	21 ENRY DE	ES MOINES	
		16 FREMONT	20 PAGE		4 TAYLOR	13 RINGGOLD	11 DECATUR	11 WAYA		15 appanoose	7 DAV		5 VAN BURE		28 LEE	m S	
														7	Zen)		

## Entry-Level Education of Diploma for Active RNs

### by County of Residence

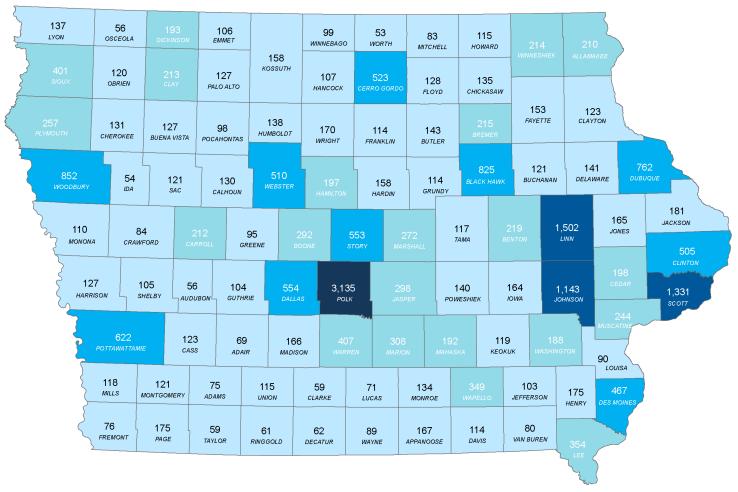


This map reflects the number of active RN licenses in lowa that have an entry-level education of a diploma. The data is illustrated by county of residence.

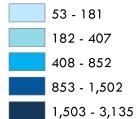
## APPENDIX A

## **ACTIVE RN LICENSES**

## ENTRY-LEVEL EDUCATION: ASSOCIATE DEGREE



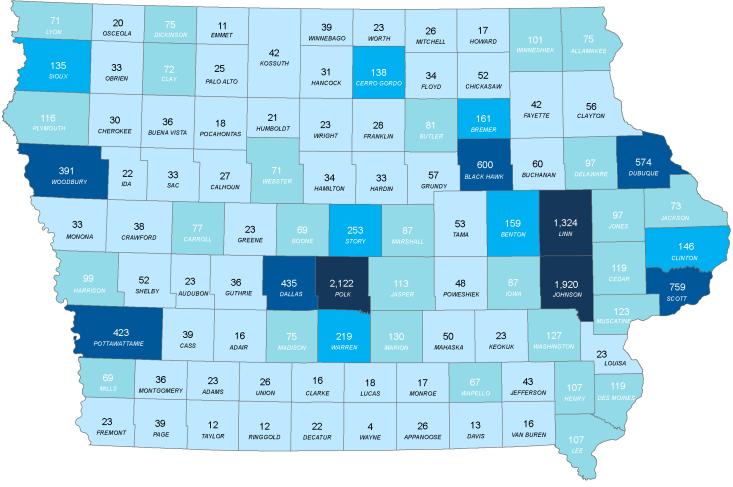
## Entry-Level Education of an Associate Degree for Active RNs by County of Residence



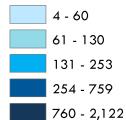
This map reflects the number of active RN licenses in lowa that have an entry-level education of an associate degree. The data is illustrated by county of residence.

## APPENDIXA

## ACTIVE RN LICENSES ENTRY-LEVEL EDUCATION: BACCALAUREATE



## Entry-Level Education of Baccalaureate for Active RNs by County of Residence



This map reflects the number of active RN licenses in lowa that have an entry-level education of a Baccalaureate degree. The data is illustrated by county of residence.

## APPENDIXA

## ACTIVE RN LICENSES ENTRY-LEVEL EDUCATION: MASTER'S

	1 LYON	os	0 SCEOLA	DICH	4 KINSON	EMN	O MET	1 ĸossu		0 INNEBAGO		<b>0</b> /ORTH	О	<del>I</del> ELL	<b>1</b> ноw	ARD	2 WINNES		3 ALLAM		<b>&gt;</b>	
2	SIOUX		BRIEN		LAY	PALO		0	F	HANCOCK		O GORDO	FLO		2 сніска	ASAW			1 CLAY			
San De la Constitución de la Con	2 PLYMOUTH		3 EROKEE		1 A VISTA	2 РОСАНО		HUMBOL		1 wright	FR	O ANKLIN	1 вит		4 BREM	MER		0	0247		12	
	8 WOODBURY		O IDA		0 sac	1	) ноим	2 WEBS	TER	1 HAMILTON		0 HARDIN		1 INDY	BLACK		BUCH		1	WARE	DUBU	
	2 MONON	4		0 wford	1	2 RROLL		O EENE	<b>1</b> вооме				2 RSHALL		<b>1</b> гама		3 v <i>ton</i>		10 INN	JON		JACKSON 4
	2 HARR		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3 SHELBY	O AUDU	JBON	0 GUTHRI			54 POLI		3 JASE			0 VESHIEK		O DWA		11 <sub>HNSON</sub>	CEL		CLINTON  28 SCOTT
			19 awattan	ME .	1 CASS	- 1	O ADAIR	N	2 MADISON	5 WARR		5 MARIO	N	1 MAHAS	ка	<b>0</b> кеоки	ки	2 JASHINGT	TON	MUSCAT	6 TINE	
	}	2 MIL	- 1	1 MONTGO	MERY	O ADAMS		1 <i>UNION</i>	CL	O ARKE	LUC	1	0 MONRO	E	4 WAPELL	0	2 JEFFERS	ON	0 HENRY	DES MC		
		1 FREM	MONT	1 PAGI	E	1 TAYLOR	?	0 RINGGOLD		2 CATUR	WAY		O APPANOC	SE	O DAVIS		1 VAN BUR	EN	2 LEE	The same of the sa	}	
																			Seen	}		

## Entry-Level Education of Master's for Active RNs $\,$

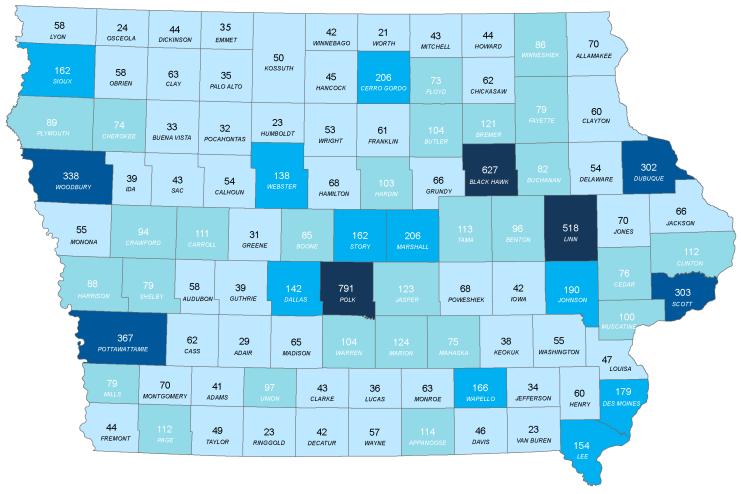
### by County of Residence





This map reflects the number of active RN licenses in lowa that have an entry-level education of a Master's degree. The data is illustrated by county of residence.

# APPENDIX B ACTIVE LPN LICENSES BY COUNTY



## Active LPN Licenses by County of Residence

21 - 70

71 - 124

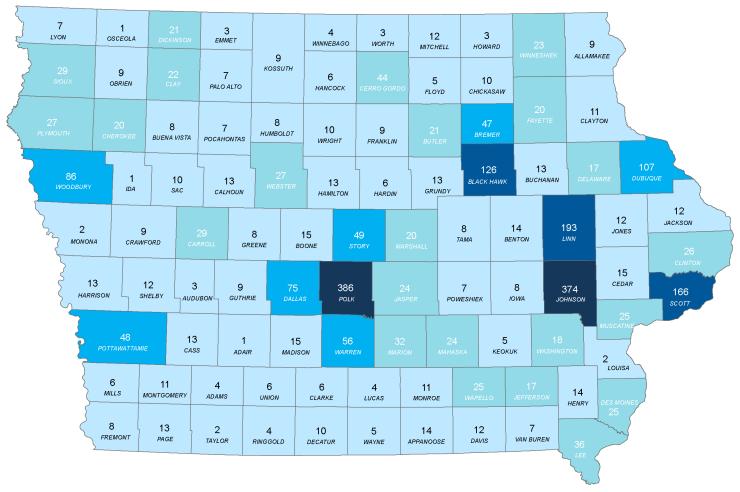
125 - 206

207 - 367

368 *- 7*91

This map reflects the number of active LPN licenses in lowa by county of residence.

# APPENDIX C ACTIVE ARNP LICENSES BY COUNTY



## Active ARNP Licenses by County of Residence

1 - 15

16 - 44

108 - 193

45 - 107

194 - 386

This map reflects the number of active ARNP licenses in lowa by county of residence.



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