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MEMBERS OF THE IOWA BOARD OF NURSING

BEGINNING MAY 1, 2002

	Term Ends
M. Ann Aulwes Allison, R.N., M.A., Ed.S., Chairperson Ottumwa, IA (Nursing Education)	2003
Anna Fallon, L.P.N., Secretary Fort Dodge, IA (Nursing Practice)	2005
Merlin D. Hulse Clarence, IA (Consumer)	2004
Pauline E. Taylor, R.N., B.S.N. Iowa City, IA (Nursing Practice)	2005
Linda H. Brady, R.N., Ph.D. Des Moines, IA (Nursing Education)	2004
William Miller, M.S., A.R.N.P. Harlan, IA (Nursing Practice)	2004
Patrick W. Greenwood, J.D. Lamoni, IA (Consumer)	2005

CURRENT BOARD STAFF

Lorinda K. Inman, R.N., M.S.N.	Executive Director
M. Christine Newell, R.N., M.S.	Associate Director Nursing Standards
Lois Churchill, R.N., M.N.	Associate Director Nursing Practice
Eileen Gloor, R.N., M.S.N.	Associate Director Nursing Education
R. C. Miller, B.A.	Associate Director Enforcement
David M. Lamb	Health Professions Investigator
Sandra B. Colin, R.N., B.S.N.	Health Professions Investigator
Dana R. Peterson, B.A.	Health Professions Investigator
David Cruse, R.N., B.S.N.	Health Professions Investigator
Margaret Armagost	Administrative Assistant
Kathy C. Clayton	Administrative Assistant
Janis L. White	Secretary
Sherry Smith	Typist Advanced
Rosemary Nord	Secretary
Donna Hill	Clerk Advanced

Introduction

The members of the Iowa Board of Nursing conduct their business in accordance with 2001 Iowa Code chapters 17A, 21, 22, 147, 147A, 152, 152E and 272C, and the Iowa 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 nursing education programs preparing registered nurse and licensed practical nurse candidates and approval of all advanced formal academic nursing education programs. Elevation of the standards of the schools of nursing. Promotion of educational and professional standards of nurses in the state.

Definition of nursing practice including minimum standards of practice for the registered nurse and licensed practical nurse. In addition, the Board approves additional acts or nursing specialties including the advanced registered nurse practitioner, in cooperation with the medical and nursing professions.

Oversight of continuing education for nurses for license renewal and re-entry from inactive status.

Oversight of licensure examination administration. Licensure of registered nurses, licensed practical nurses, and registration of 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 record system which allows for the retrieval of data regarding licensees as individuals and as a composite. Maintenance of records of all Board proceedings.

Establishment of fees based on the cost of sustaining the Board and the actual costs of licensing. Collection of fees with remittance to the Treasurer of the State of Iowa. Operation within sound fiscal management principles.

ADMINISTRATIVE RULES

- Chapter 2: New Chapter 2. Ensures that regulation of nursing education addresses essential and current issues related to public safety and welfare; to enhance readability and eliminate regulatory duplication.
- Chapter 3: Requires licensees who regularly examine, attend, counsel or treat adults/children to document on the renewal application, completion of mandatory training on abuse identification and reporting. Requires licensees to keep compliance records on file. Exemptions for licensees are set out.
- Chapter 3: Provides for the submission of a request for inactive status via writing or Internet within 60 days of license expiration.
- Chapter 3: Removes the delinquent fee for individuals whose license became delinquent prior to July 4, 1963; requires board approval for licensure of individuals who hold a license under sanction in any U.S. jurisdiction or another country; reduces continuing education requirements to reactivate/reinstate the nursing license.
- Chapter 4: Explains authority to review or investigate complaint information, corrects a code reference, expands provisions for informal settlements, defines nurse licensure compact terms, notes additional grounds for discipline, clarifies the licensure reinstatement application process and identifies requirements for rehearing.
- Chapter 5: Eliminates carrying over continuing education credit earned after submitting renewal materials to apply the credit to the next license period.
- Chapter 5: Updates continuing education rules and more clearly specifies requirements for continuing education.
- Chapter 6: Permits the LPN to be supervised by an RN via teleconferencing when the RN can be onsite within 10 minutes.
- Chapter 7: Eliminates the requirement for ARNPs to purchase the Iowa Pharmacy Law and Information Manual and the recommendation that ARNPs subscribe to the Iowa Board of Pharmacy Examiners Newsletter. It

is replaced with a requirement that ARNPs access this information electronically.

- Chapter 12: List national certifying organizations identified by the board updated and the process streamlined. Number of committee members reduced from seven to five; the committee will be appointed ad hoc; the nurse licensure compact is recognized.
- Chapter 17: Supplements Iowa Code chapter 252J, addressing child support noncompliance.
- Chapter 18: Supplements Iowa Code chapter 261, addressing student loan default or noncompliance.

LEGISLATION

A registered nurse recruitment program administered by the College Student Aid Commission and comprised of a forgivable loan program, a tuition scholarship program and a registered nurse loan repayment program was created. The legislation was not funded.

NURSING EDUCATION

Section 1--Nursing Education Programs

The Iowa Code provides that the Iowa Board of Nursing approve nursing education programs preparing registered nurse and practical nurse candidates and all advanced formal academic nursing education programs.

Between July 1, 2001, and June 30, 2002, site visits were made to twenty-three programs in seven institutions, including one doctoral, one master's, one post master's, three baccalaureate, nine associate degree and eight practical nursing programs.

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.

Table I--Approved Nursing Education Programs

Doctoral	1
Post-masters	5
Master's (academic)	5
Professional Master's	1
Baccalaureate	13
Associate Degree	26
Practical	28
Postbasic	1
Total	79

Table II--Approved Doctorate in Nursing Program

	<u>Last Board Review Date</u>	<u>Type of Approval</u>
University of Iowa College of Nursing Iowa City	6-6-02	Full--6 years

Table III--Approved Post-Master's Nursing Certificate Programs

	<u>Last Board Review Date</u>	<u>Type of Approval</u>
Allen College Department of Nursing Waterloo	6-8-00	Full-6 years

Table III (cont.)

	<u>Last Board Review Date</u>	<u>Type of Approval</u>
Clarke College Department of Nursing and Health Dubuque	6-3-99	Full-6 years
Drake University Department of Nursing Des Moines	3-1-01	Full--6 years
Graceland University Division of Health Care Professions Lamoni	6-7-01	Full--6 years
University of Iowa College of Nursing Iowa City	6-6-02	Full-6 years

Table IV--Approved Master's in Nursing Programs

	<u>Last Board Review Date</u>	<u>Type of Approval</u>
Allen College Department of Nursing Waterloo	6-8-00	Full-6 years
Clarke College Department of Nursing and Health Dubuque	6-3-99	Full--6 years
Drake University Department of Nursing Des Moines	3-1-01	Full--6 years
Graceland University Division of Health Care Professions Lamoni	6-7-01	Full-6 Years
University of Iowa College of Nursing Iowa City	6-6-02	Full--6 years

Table V--Approved Professional Master's Degree in Nursing Programs

	<u>Last Board Review Date</u>	<u>Type of Approval</u>
University of Iowa College of Nursing Iowa City	2-28-02	Interim-- New Program

Table VI--Approved Formal Advanced Practice Education Programs

	<u>Last Board Review Date</u>	<u>Type of Approval</u>
Family Planning Council of Iowa Women's Health Care Nurse Practitioner Program Des Moines	11-30-95	Full--6 years Voluntary Closure 11-6-01

Table VII--Approved Baccalaureate Nursing Programs

	<u>Last Board Review Date</u>	<u>Type of Approval</u>
Allen College Department of Nursing Waterloo	6-8-00	Full--6 years
Briar Cliff College Department of Nursing Sioux City	3-6-97	Full--6 years
Clarke College Department of Nursing and Health Dubuque	6-3-99	Full--6 years
Coe College Nursing Department Cedar Rapids	12-6-01	Full--6 years
Graceland University Division of Health Care Professions Lamoni	6-7-01	Full--6 years
Grand View College Division of Nursing Des Moines	3-4-99	Full--6 years
Iowa Wesleyan College Division of Nursing Mount Pleasant	3-1-01	Full--6 years

Table VII (cont.)

	<u>Last Board Review Date</u>	<u>Type of Approval</u>
Luther College Department of Nursing Decorah	6-5-97	Full--6 years
Marycrest International University Division of Nursing Davenport	9-7-00	Full--6 years Voluntary Closure 6-30-02
Mercy College of Health Sciences Department of Baccalaureate Nursing Des Moines	12-10-98	Full--6 years
Morningside College Department of Nursing Education Sioux City	6-7-01	Full--6 years
Mount Mercy College Department of Nursing Cedar Rapids	12-11-97	Full--6 years
St. Ambrose University Department of Nursing Davenport	12-9-99	Interim-- New Program
University of Iowa College of Nursing Iowa City	6-6-02	Full--6 years

Table VIII--Approved Associate Degree Nursing Programs

	<u>Last Board Review Date</u>	<u>Type of Approval</u>
Des Moines Area Community College Associate Degree Nursing Program Ankeny	2-28-02	Full--6 years
Des Moines Area Community College Associate Degree Nursing Program Boone	2-28-02	Full--6 years
Des Moines Area Community College Associate Degree Nursing Program Carroll	2-28-02	Full--6 years

Table VIII (cont.)

	<u>Last Board Review Date</u>	<u>Type of Approval</u>
Eastern Iowa Community College District Scott Community College Associate Degree Nursing Program Bettendorf	9-20-01	Full--6 years
Eastern Iowa Community College District Clinton Community College Associate Degree Nursing Program Clinton	9-20-01	Full--6 years
Hawkeye Community College Associate Degree Nursing Program Waterloo	2-28-02	Full-3 years
Indian Hills Community College Associate Degree Nursing Program Ottumwa	6-4-97	Full--6 years
Iowa Central Community College Associate Degree Nursing Program Fort Dodge	6-6-02	Full--6 years
Iowa Central Community College Associate Degree Nursing Program Storm Lake	6-6-02	Full--6 years
Iowa Central Community College Associate Degree Nursing Program Webster City/Eagle Grove	6-6-02	Full--6 years
Iowa Lakes Community College Associate Degree Nursing Program Emmetsburg	12-7-00	Full--6 years
Iowa Valley Community College District Ellsworth Community College Associate Degree Nursing Program Iowa Falls	6-7-01	Full--6 years
Iowa Valley Community College District Marshalltown Community College Associate Degree Nursing Program Marshalltown	6-7-01	Full--6 years
Iowa Western Community College Associate Degree Nursing Program Council Bluffs	12-7-00	Full--6 years

Table VIII (cont.)

	<u>Last Board Review Date</u>	<u>Type of Approval</u>
Kirkwood Community College Associate Degree Nursing Program Cedar Rapids	9-18-97	Full--6 years
Mercy College of Health Sciences Associate Degree Nursing Program Des Moines	12-10-98	Full--6 years
North Iowa Area Community College Associate Degree Nursing Program Mason City	6-8-00	Full--6 years
Northeast Iowa Community College Associate Degree Nursing Program Calmar	2-28-02	Full--6 years
Northeast Iowa Community College Associate Degree Nursing Program Peosta	2-28-02	Full--6 years
Northwest Iowa Community College Associate Degree Nursing Program Sheldon	2-28-02	Interim-- New Program
Southeastern Community College Associate Degree Nursing Program Keokuk	9-3-98	Full--6 years
Southeastern Community College Associate Degree Nursing Program West Burlington	9-3-98	Full--6 years
Southwestern Community College Associate Degree Nursing Program Creston	3-6-97	Full--6 years
Southwestern Community College Associate Degree Nursing Program Red Oak	3-6-97	Full--6 years
St. Luke's College Sioux City	12-10-98	Full--6 years
Western Iowa Tech Community College Associate Degree Nursing Program Sioux City	6-4-98	Full--6 years

Table VIII (cont.)

	<u>Last Board Review Date</u>	<u>Type of Approval</u>
Western Iowa Tech Community College Associate Degree Nursing Program Sheldon	6-4-98	Voluntary Closure 7-31-02

Table IX--Approved Practical Nursing Programs

	<u>Last Board Review Date</u>	<u>Type of Approval</u>
Des Moines Area Community College Practical Nursing Program Ankeny	2-28-02	Full--6 years
Des Moines Area Community College Practical Nursing Program Boone	2-28-02	Full--6 years
Des Moines Area Community College Practical Nursing Program Carroll	2-28-02	Full--6 years
Eastern Iowa Community College District Scott Community College Practical Nursing Program Bettendorf	9-20-01	Full--6 years
Eastern Iowa Community College District Clinton Community College Practical Nursing Program Clinton	9-20-01	Full--6 years
Hawkeye Community College Practical Nursing Program Waterloo	2-28-02	Full--3 years
Indian Hills Community College Practical Nursing Program Centerville	6-4-97	Full--6 years
Indian Hills Community College Practical Nursing Program Ottumwa	6-4-97	Full--6 years
Iowa Central Community College Practical Nursing Program Fort Dodge	6-6-02	Full--6 years

Table IX (cont.)

	<u>Last Board Review Date</u>	<u>Type of Approval</u>
Iowa Central Community College Practical Nursing Program Storm Lake	6-6-02	Full--6 years
Iowa Central Community College Practical Nursing Program Webster City/Eagle Grove	6-6-02	Full--6 years
Iowa Lakes Community College Practical Nursing Program Emmetsburg	12-7-00	Full--6 years
Iowa Valley Community College District Ellsworth Community College Practical Nursing Program Iowa Falls	6-7-01	Full--6 years
Iowa Valley Community College District Marshalltown Community College Practical Nursing Program Marshalltown	6-7-01	Full--6 years
Iowa Western Community College Practical Nursing Program Council Bluffs	12-7-00	Full--6 years
Iowa Western Community College Practical Nursing Program Clarinda	12-7-00	Full--6 years
Iowa Western Community College Practical Nursing Program Harlan	12-7-00	Full--6 years
Kirkwood Community College Practical Nursing Program Cedar Rapids	9-18-97	Full--6 years
North Iowa Area Community College Practical Nursing Program Mason City	6-8-00	Full--6 years
Northeast Iowa Community College Practical Nursing Program Calmar	2-28-02	Full--6 years

Table IX (cont.)

	<u>Last Board Review Date</u>	<u>Type of Approval</u>
Northeast Iowa Community College Practical Nursing Program Peosta	2-28-02	Full--6 years
Northwest Iowa Community College Practical Nursing Program Sheldon	9-16-99	Full--6 years
Southeastern Community College Practical Nursing Program Keokuk	9-3-98	Full--6 years
Southeastern Community College Practical Nursing Program West Burlington	9-3-98	Full--6 years
Southwestern Community College Practical Nursing Program Creston	3-6-97	Full--6 years
Western Iowa Tech Community College Practical Nursing Program Sioux City	6-4-98	Full--6 years
Western Iowa Tech Community College Practical Nursing Program Denison	6-4-98	Full--6 years
USAR School Practical Nurse (91W-M6) Program Des Moines	3-5-98	Full--6 years

Section 2--National Recognition as an Accrediting Agency

The Health Manpower Act of 1968 (P.L. 90-040) Title II Nurse Training, provided that the U.S. Commissioner of Education, Department of Health, Education, and Welfare, could appoint state agencies for the purpose of accrediting programs in nurse education.

The Iowa Board of Nursing made application for this recognition by the U.S. Commissioner of Education as the state agency in Iowa for the approval of registered nurse education. On November 21, 1969, the Board received notification that its initial application had been approved.

Since 1969, the Iowa Board of Nursing has resubmitted applications for and maintained continued recognition by the U.S. Department of Education. Reapproval was last granted for a period of four years

with no recommendations by the Secretary, United States Department of Education on January 26, 1999.

The Iowa Board of Nursing submitted a Petition for Continued Recognition in February 2002 and anticipates review by the U.S. Department of Education in fall 2002.

STATEWIDE PLANNING

The progress toward achievement of the goals and the objectives from A Statewide Plan for Nursing, 1988, continues to be monitored. In order to evaluate the progress in meeting these recommendations, an ongoing mechanism to gather additional data regarding each specific recommendation has been established. The following compilation addresses each recommendation and reports the status of that recommendation as well as those staff continue to monitor.

Recommendation #1:

A central repository for health data needs to be established for Iowa with guidelines developed for data collection that ensures sources report data consistently.

Recommendation #2:

Nursing data and other health studies should be added to the standard health database.

Comments:

Recommendations #1 and #2 are related.

Iowa Hospital Association (IHA) has contracted to collect the data for severity of illness. All hospitals are reporting and using the APR (all patient refined) DRGs.

CHMIS accomplished its objective as established in its enabling legislation and was discontinued as of October 1, 1998. Historical data files have been archived at IHA. All hospital and health system inpatient and outpatient data reporting to IHA will continue to assure public data available in Iowa.

Continue to monitor:

Hospital and health system inpatient and outpatient data (IHA)
Minimum Data Set (MDS) in LTC
Nursing Management Minimum Data Set (NMMDS) [University of Iowa]
JCAHO Clinical Indicators
Iowa Registries:
 Agricultural Injuries
 Alzheimers
 Brain and spinal cord injuries
 Cancer
 Heart disease and stroke

Recommendation #3:

The Iowa Board of Nursing should create an in-depth, ongoing

study in Iowa addressing the following issues:

- a. Funding should be secured for study and support for a staff person in the Board of Nursing office to coordinate the ongoing study.

Comments:

Accomplished.

- b. Additional manpower data about nurses should be secured in order to facilitate planning for health care needs of Iowans (i.e. work location of nurses).

Comments:

The data available is what is requested on the renewal form. RN renewal includes the following: where presently employed in nursing; employment status; actively seeking employment as an RN; principal field/place of employment; type of position; major clinical teaching or practice area. LPN renewal includes the following: where presently employed in nursing; employment status; actively seeking employment as an LPN; principal field/place of employment.

The number of active LPN-RN dual licensure is small. LPNs who become licensed as RNs are asked to place LPN license on inactive status at the time of licensure by examination.

The Iowa Board of Nursing data is updated yearly from a monthly printout with compilation by county. **Continue to monitor.**

- c. The need for nurses should be reviewed in detail including assessing the geographic distribution of nurses and taking into consideration the health care needs of the aging population.

Comments:

Data is presently not available to assess from the board office. Until recommendations #1, #2, and #3.b. can be met, this recommendation will not be addressed. Aging distribution by county is kept by the Census Bureau and the library would have this. The board office will keep a copy of the report Statewide Needs Assessment of Iowa's Elderly done by I.S.U., Department of Human Development and Family Studies. The Department of Rural Health keeps track of NPs by county.

- d. The need and availability of associate, diploma, baccalaureate, master's, and doctorally prepared nurses should be

critically analyzed with a focus on matching education preparation with employment opportunities.

Comments:

The Iowa Board of Nursing has availability of data on education--diploma, baccalaureate, master's, and doctorally prepared nurses are compiled by county.

Education preparation with employment: Iowa Hospital and Health Systems--Iowa Organization of Nurse Leaders: Examined and surveyed hospital nursing--survey did not address education with employment opportunities.

The 1988 Statewide Plan used the IONL survey.

Continue to monitor.

- e. The need and availability of licensed practical nurses in Iowa should continue to be assessed to assure an adequate number in settings for which they are educationally prepared to practice.

Comments:

The Iowa Board of Nursing has availability. The Annual IONL Practice Survey continues to include two questions, which address #3.d. & e. The data regarding these two items are on file in the board office and collection is ongoing.

Continue to monitor.

- f. A study of nursing competencies from the perspective of level of licensure is needed.
- g. Competencies should be analyzed to determine those needed in the future by nurses in Iowa.

Comments:

Monitor f. and g. The Articulation in Nursing Education Committee addressed this issue. The Validation Committee has established a mechanism for collecting data on curricula, courses, competencies, student demographics, and student outcomes; and recommended the appropriate process for data analysis.

National Council continues to alternate the LPN and RN Job Analysis Studies. **Continue to monitor.**

- h. The appropriation of state dollars for nursing education programs should be analyzed and recommendations made concerning state funding for nursing education.

Comments:

Accomplished by the Appropriation in Nursing Education Committee. The report of the Recommendation for the Appropriation of State Dollars in Nursing Education was submitted to the Iowa Board of Nursing, September 1990.

- i. Collaboration among and between educational institutions should be fostered in order to facilitate educational articulation of students.

Comments:

Accomplished by the Articulation in Nursing Education Committee. The report of The Iowa Articulation Plan for Nursing Education: RN to Baccalaureate was submitted to the Iowa Board of Nursing, December 1990.

- j. Nursing education programs should provide means to measure competencies in content previously acquired for the registered nurse returning for a baccalaureate degree in nursing in order to minimize repetition in the curriculum.

Comments:

Addressed by the Iowa Articulation Plan. Continue to monitor the Validation Committee's data collection for the evaluation of the plan.

- k. Master's degree programs in nursing should be available throughout the state.

Comments:

Accomplished by the Master's Degree in Nursing Committee. The report of the Recommendations for the Accessibility and Availability of Master's Programs in Nursing in Iowa, March 1991.

The Validation Committee continues to review and organize the process for updating the options and components of the Iowa Articulation Plan; establishing a mechanism for collecting data on curricula, courses, student demographic, and recommending the appropriate process for data analysis.

NURSING PRACTICE

Section 1--Declaratory Orders

During FY '02, declaratory order #104 was issued.

Section 2--Committees

The Advanced Practice Committee met three times during FY '02.

Section 3--Scope of Practice

The board voted to find it to be within the scope of practice of the licensed practical nurse in a licensed blood center to draw blood in sufficient quantities for collection of blood or blood products to be used for transfusion and to initiate, monitor and discontinue a peripheral venous access device using automated aphaeresis equipment for the purpose of blood component collection when the tasks have been delegated by the registered nurse.

The board appointed a committee to make recommendations for revision of the course, "*Supervising in Health Care Facilities*."

CONTINUING EDUCATION

Section 1--Approved Providers

Thirteen provider applications were received during FY '02 and four applicants were awarded Iowa Board of Nursing provider approval. Approval was denied to 18 applicants who did not meet provider criteria within three committee reviews or within the 12-month deadline of filing the initial application. The number of providers approved since continuing education became mandatory for nurses is now 338. The total number of approved providers as of June 30, 2002, was 169 (121 in state and 48 out of state).

Five providers voluntarily relinquished provider approval during FY '02. The total number of approved providers who have voluntarily relinquished or withdrawn their approved provider status since continuing education became mandatory is now 164.

During the year, 29 providers were reevaluated and all were reapproved for five years. No reevaluations remain pending.

The Board of Nursing did not review any complaints specific to approved providers in this fiscal year. Permission was granted by the Board of Nursing for one provider to award credit retroactively for a program due to extenuating circumstances.

Section 2--Audits

Routine random audits were only performed during the first quarter of fiscal year '02. Twenty-five licensees were randomly selected by computer each month from July to October 2001. As a result, out of the 100 sent, 68 have been received and approved; 32 remain pending. The Board of Nursing reviewed 7 audit failures and accepted make-up credit for 6 and directed 1 to submit make-up credit by a specific deadline.

The total number of late renewals for FY '02 was 562. During the first quarter of FY '02, 95 late renewal audits were performed. Of the late renewal audits, 71 audits were approved; 24 remain pending. Twenty completed reaudits.

In the first quarter of FY '02, the Board of Nursing reviewed 22 late renewal audits. Of these 22, make-up credit was accepted for 9, 4 were directed to submit make-up credit and 9 were directed to the Enforcement Division.

Section 3--Rulings

In FY '02, several significant rulings were made by the Iowa Board of Nursing:

1. Denied 1 rule waiver petition that a late renewal not be audited.
2. Approved 2 rule waiver petitions to accept late renewal materials and provider approval was granted.
3. Approved 7 requests and denied one request to recognize the clock hours for programs attended outside of Iowa for nursing continuing education credit.

Section 4--Newsletter

The Nursing Newsletter is the official publication of the Iowa 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 '02, with a total distribution of 190,404.

LICENSURE

Section 1--Examinations

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

The single 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 October 2000, and for licensed practical nurses in October 2001. 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 professional master's degree programs are eligible to take the national examination for registered nurse licensure. In Iowa, all 40 nursing programs that prepare registered nurse candidates maintain current approval by the Iowa Board of Nursing.

There are two types of nursing programs leading to licensure as a licensed practical nurse in the State of Iowa. Graduates of community college PN programs and a USAR (91W-M6) Exportable Program, are eligible to take the national examination for practical nurse licensure. In Iowa, all 28 nursing programs that prepare practical nurse candidates maintain current approval by the Iowa Board of Nursing.

The rules and regulations of the Iowa Board of Nursing require nurses educated and licensed in a foreign country to take the national examination for registered nurse licensure or practical nurse licensure (NCLEX®). A prerequisite for taking the registered nurse licensing examination is certification by the Commission on Graduates of Foreign Nursing Schools (CGFNS). A prerequisite for taking the practical nurse licensing examination is credential evaluation by CGFNS.

The NCLEX® examinations are provided using computerized adaptive testing. The Chauncey Group International, a wholly owned subsidiary of Educational Testing Service (ETS), and Thompson Prometric, serve as the vendors to provide testing and administration services for NCLEX®. Computerized adaptive testing is conducted at three sites in Iowa on a year-round basis. Candidates may self-schedule the examination at the time and site of choice when qualifications for licensure and test registration are complete. After October 1, 2002, the national test service will be NCS Pearson and the

examination will be offered at four Pearson Professional Centers in Iowa.

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

Licensure status information may be accessed through the Iowa Board of Nursing automated telephone or online licensure verification systems.

National Council Licensure Examination (NCLEX®) Statistics

Table I Performance of Candidates Educated in Iowa Programs on the NCLEX® Examinations for Registered Nurses and Licensed Practical Nurses by Number of First-Time Test Takers and Passing Percentage

	NCLEX® - RN		NCLEX® - PN	
	National	Iowa	National	Iowa
7.01.01 - 9.30.01	N = 35,897 % = 86.19	N = 519 % = 86.32	N = 12,911 % = 88.78	N = 425 % = 93.41
10.01.01 -12.31.01	N = 5,092 % = 75.35	N = 84 % = 65.48	N = 8,662 % = 84.45	N = 108 % = 95.37
1.01.02 - 3.31.02	N = 13,149 % = 86.74	N = 232 % = 87.07	N = 6,964 % = 84.43	N = 113 % = 93.81
4.01.02 - 6.30.02	N = 12,982 % = 88.71	N = 251 % = 91.24	N = 6,366 % = 84.98	N = 180 % = 94.44
Total: 7.01.01 - 6.30.02	N = 67,120 % = 85.96	N = 1,086 % = 86.00	N = 34,863 % = 86.15	N = 826 % = 93.95

N = Number of first-time test takers
% = Passing percentage

Table II Number of Iowa Graduates Taking the NCLEX® Examination for Registered Nurse and Licensed Practical Nurse Licensure for the First Time in Any Jurisdiction by Type of Education

NCLEX®-RN Examination		NCLEX®-PN Examination	
Baccalaureate	N = 268	PN Program	N = 826
Associate Degree	N = 817		
Diploma	N = 1		

Table III Number of Applicants for Iowa Licensure as Registered Nurses and Licensed Practical Nurses by Examination Regardless of Where They Were Educated by Pass/Fail Status

	NCLEX® - RN		NCLEX® - PN	
	Pass	Fail	Pass	Fail
Initial Tester	858	141	722	47
Repeater	128	147	33	14
Total	986	288	755	61

Table IV--Iowa Candidates Educated in a Foreign Country Who Passed the Examination in Iowa

<u>Registered Nurses</u>		<u>Licensed Practical Nurses</u>	
Phillipines	9		
Total	9	Total	0

Table V--Total Number of Licensees Currently Registered to Practice at the Advanced Level (advanced registered nurse practitioners)

Family Nurse Practitioners	371
Nurse Midwives	60
Pediatric Nurse Practitioners	164
Certified Registered Nurse Anesthetists	365
School Nurse Practitioners	4
Obstetric-Gynecologic Nurse Practitioners	159
Psychiatric-Mental Health Nurse Practitioners	19
Adult Nurse Practitioners	51
Clinical Nurse Specialists	114
Gerontological Nurse Practitioners	34
Neonatal Nurse Practitioners	5
Acute Care Nurse Practitioners	5
Perinatal Nurse Practitioners	1
Total	1,352

Section 2--Renewals

A licensee is considered in good standing if currently licensed or officially inactive. A lapsed license may be reinstated without examination.

Table VI--Renewals

	<u>RN</u>	<u>LPN</u>
Renewals sent	13,097	3,189
Licenses renewed	9,859	2,075
Licenses renewed with penalty	420	142
Licenses placed on inactive	736	341
Licenses became delinquent	1,770	669

Section 3--Reactivations and Reinstatements

Inactive licensees regain active status by reactivation. Licensees in delinquent status are returned to good standing by reinstatement.

Table VII--Reactivations/Reinstatements

	<u>RN</u>	<u>LPN</u>
Reactivations	296	143
Reinstatements	241	139

Section 4--Endorsements

The 2001 Iowa Code provides that the Iowa 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 Iowa.

Table VIII--Endorsements Into Iowa

<u>RN</u>	558
<u>LPN</u>	154

Section 5--Verifications

The 2001 Iowa Code provides that the Iowa Board of Nursing may verify licensure of registered nurses or licensed practical nurses in this state to another state, territory, or foreign country. The Board of Nursing verified 188 licenses to other states, territories or foreign countries.

Section 6--Number of Licensees

	<u>RN</u>	<u>LPN</u>	<u>Total</u>
*Active	38,137	9,622	47,759
*Inactive	42,357	22,593	64,950
*Delinquent	20,325	10,042	30,367
Deceased	5,989	492	6,481

*These figures may include deceased licensees about whom the Board has not been notified.

Section 7-Nurse Licensure Compact

Legislation enacting the nurse licensure compact became effective on July 1, 2001. The compact provides for a state-based nursing license that is mutually recognized among all party states. This facilitates the ability to protect the public health, safety, and welfare of Iowa citizens. The following states have implemented the compact: Arizona, Arkansas, Delaware, Idaho, Maine, Maryland, Mississippi, Nebraska, North Carolina, South Dakota, Texas, Utah and Wisconsin. The following states have enacted but not implemented the compact: Indiana, New Jersey, North Dakota and Tennessee.

Section 8-Statistical Overview

<u>Active Nurses</u>	<u>Iowa Residence</u>	<u>Out-of-State Residence</u>	<u>Total</u>	<u>% of Total Nurses</u>
RNs	34,239	3,882	38,121	80%
LPNs	8,917	702	9,619	20%
Total	43,156	4,584	47,740	

<u>Basic RN Education</u>	<u>Iowa Residence</u>	<u>Out-of-State Residence</u>	<u>Total</u>	<u>% By Program</u>
Diploma	10,532	1,126	11,658	31%
A.D.N.	15,570	1,561	17,131	45%
B.S.N.	7,915	1,163	9,078	24%
Unknown	176	28	204	.01%
Total	34,193	3,878	38,071	

<u>Highest Degree Held by RNs</u>	<u>Iowa Residence</u>	<u>Out-of-State Residence</u>	<u>Total</u>	<u>% By Program</u>
Diploma	8,035	769	8,804	25%
A.D.N.	13,924	1,267	15,191	43%
B.S.N.	7,822	1,049	8,871	25%
Other Baccalaureate	2,158	297	2,455	7%
Total	31,939	3,382	35,321	

<u>Highest Degree Held by RNs</u>	<u>Iowa Residence</u>	<u>Out-of-State Residence</u>	<u>Total</u>	<u>% By Program</u>
Master's in Nursing	1,245	278	1,523	55%
Other Master's	822	172	994	36%
Doctorate in Nursing	39	13	52	2%
Other Doctorate	147	33	180	7%
Total	2,253	496	2,749	

ENFORCEMENT

The investigators logged some 30,006 miles on the agency-owned vehicles while traveling the state in the course of conducting 335 investigations.

At the end of FY '02 there were a total of 95 licensees who are being actively monitored.

Sanctions and other discipline related board actions are reported to the National Council of State Boards of Nursing, Inc. Acting as the board's agent, the Council 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, Inc.

Disciplinary Statistics

Complaints Filed	335
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Board Disciplinary Actions:

Dismissals	3
Revocations	3
Suspensions	13
Probations	50
Citations & Warnings	8
Voluntary Relinquishments	24
Fines	17
Amount \$6800	

Disciplinary action pending	26
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Cases closed without action	144
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Felony applicants reviewed:

Approved	3
Denied	1

Licensure reinstatement requests:

Approved	6
Denied	2

ADMINISTRATION

Section 1-Staffing

Ella Mae Baird, business manager, resigned effective August 31, 2001. Beverly Sorensen, renewal clerk, retired effective January 30, 2002. The state hiring freeze prevented these positions from being filled.

Section 2-Recognition

R. C. Miller, Janis White and Kathy Clayton were recognized for 25 years of service to the state. Lorinda Inman was recognized by the National Council of State Boards of Nursing, Inc. for service as the Area II Director and Vice President and 15 years of dedicated service to the National Council.

Section 3--Presentations

The professional staff continued its efforts to acquaint nurses with the laws affecting nursing practice, education, and licensure/licensure regulations. During FY '02, the staff spoke to a variety of nursing education programs, continuing education programs, facilities, and professional groups regarding legal rights and responsibilities, impaired practice of chemically dependent nurses, workforce issues, and licensure. The number of speaking engagements was limited due to fiscal constraints. Additionally, staff presented at National Council of State Boards of Nursing, Inc. Summit of States, Department of Human Services Bureau of Refugee Services and Legislative Oversight Committee.

Section 4--Committee Representation

Office staff continues to serve as facilitator, steering committee member for the Iowa Nursing Workforce Project. Professional staff also represented the board with the Iowa Association of Colleges of Nursing, Iowa Community College Nurse Educator Directors' Association, Iowa Association of Nursing Continuing Education and Iowa Council of Nurses.

Board members and staff participated in the National Council of State Boards of Nursing, Inc. activities. Participation included attendance at the Annual Delegate Assembly. State travel restrictions prohibited the board from attending the Mid-year Meeting. Board staff served as members of the Nursing Practice, Regulation and Education Committee, Foreign Nurse Issues Subcommittee, Education Standards Subcommittee, Licensure Examination Item Review Subcommittee, Nurse Licensure Compact Administrators and the Examination Committee.

Section 5--Web Site

Staff continues updating the board web site, which provides the most current information to licensees and the public. The home page also serves as the primary access site for online licensure.

Section 6--Audit

In accordance with generally accepted accounting principles and Chapter 11 of the Iowa Code, the accounting records of the Iowa Board of Nursing were audited for FY '02, in conjunction with the Department of Public Health and were in order.

Section 7--Financial Report

Table I--Receipts

	<u>FY '01</u>	<u>FY '02</u>
0512 Verifications	\$ 31,988	\$3,549
0548 Examination fees	150,150	161,625
0566 Nursing licenses	1,287,205	1,225,504
0642 Overpayment	96	174
0649 Penalties and fines	65,687	84,248
0650 Return check service fee	409	378
Total	\$1,535,535	\$1,475,480

Table II--Disbursements

	<u>FY '01</u>	<u>FY '02</u>
101 Personal services	\$ 936,947	\$888,465
202 Personal travel in-state	14,949	8,669
203 State vehicle operation	3,777	2,983
204 State vehicle depreciation	4,640	4,050
205 Out-of-state travel	6,148	4,213
301 Office supplies (includes copying and postage)	45,503	27,438
308 Other supplies	94	0
309 Printing and binding	3,508	1,409
311 Food	99	86
401 Communications	25,797	20,442
402 Rentals	65,465	83,336
405 Professional services	11,140	4,970
406 Outside services	12,324	3,118
408 Advertising	33	289
409 Outside repairs	3,011	2,330
411 Attorney General	19,288	14,228
414 Reimbursements to other agencies	4,334	1,484
416 ITD reimbursement	6,549	3,545

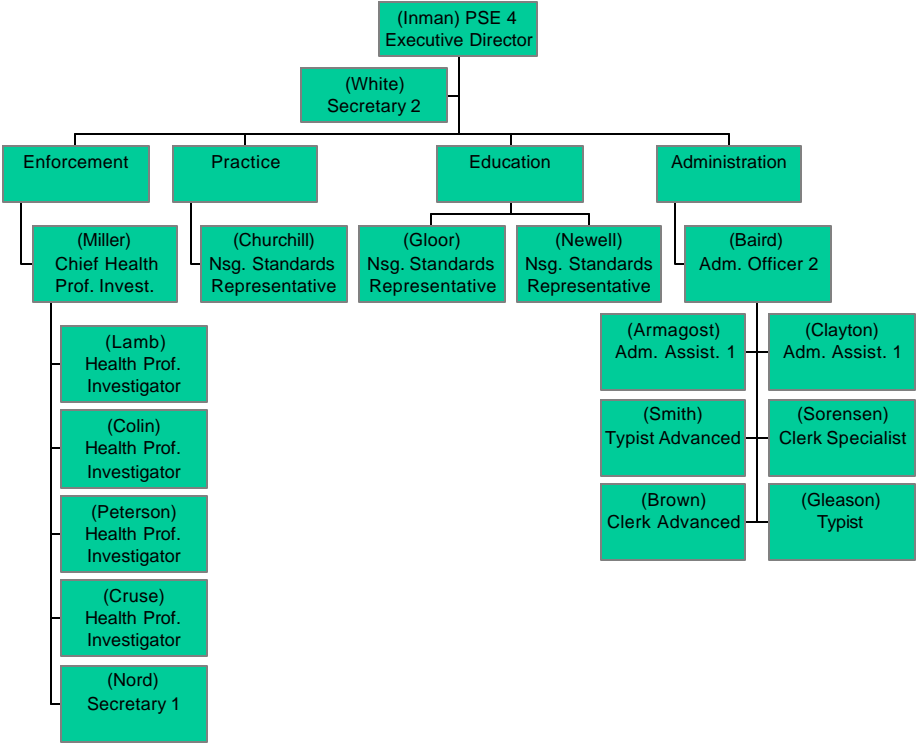
Table II (cont.)

	<u>FY '01</u>	<u>FY '02</u>
501 Equipment	729	0
502 Office equipment	0	0
503 Equipment non-inventory	2,028	142
504 DP inventory	3,036	1,709
505 DP non-inventory	3,329	5,420
602 Other expenditures (credit card processing)	7,640	17,846
Total	\$1,194,091	\$1,096,174

Appropriation

The Board of Nursing's FY 2002 appropriation was \$1,062,801 plus \$5,706 to be used exclusively for training and technology, for a total of \$1,068,507. The Legislature approved \$85,700 appropriation to be used for lease expenses, bringing the total appropriation to \$1,154,207.

IOWA DEPARTMENT OF PUBLIC HEALTH
BOARD OF NURSING



Appendix A

MEMBERS OF THE IOWA BOARD OF NURSING

MAY 1, 2001 - APRIL 30, 2002

Term Ends

M. Ann Aulwes-Allison, R.N., M.A., Ed.S.
Ottumwa, IA
(Nursing Education)

Anna C. Fallon, L.P.N., Secretary
Fort Dodge, IA
(Nursing Practice)

Merlin D. Hulse
Clarence, IA
(Consumer)

Pauline E. Taylor, R.N., B.S.N.
Iowa City, IA
(Nursing Practice)

Linda H. Brady, R.N., Ph.D.
Des Moines, IA
(Nursing Education)

William M. Miller, M.S., A.R.N.P.
Harlan, IA
(Nursing Practice)

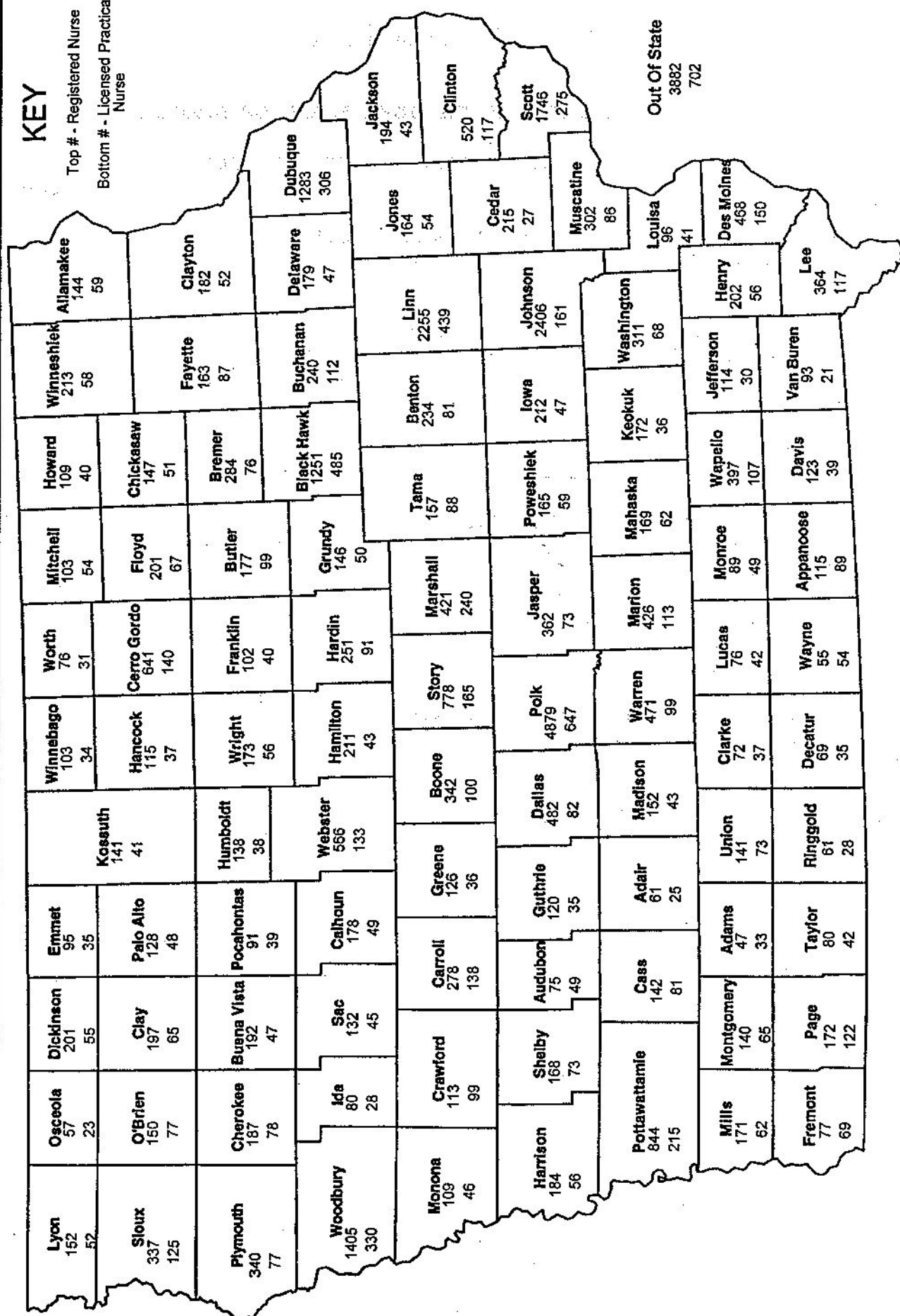
Patrick W. Greenwood, J.D.
Lamoni, IA
(Consumer)

Miles



KEY

Top # - Registered Nurse
Bottom # - Licensed Practical Nurse



Iowa Board of Nursing

RNs - Basic Nursing Education Preparation

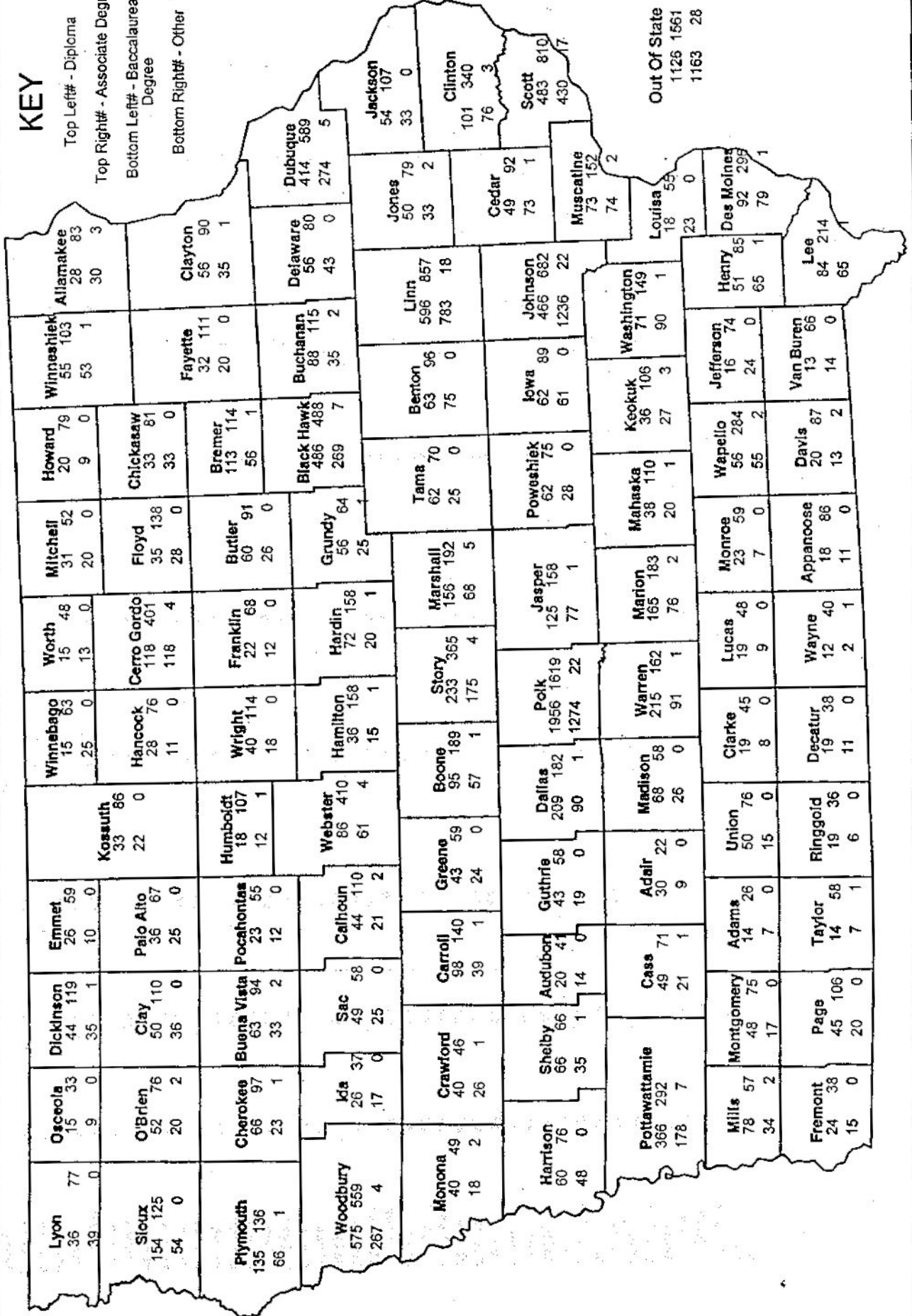
07/01/2002

Miles



KEY

Top Left# - Diploma
Top Right# - Associate Degree
Bottom Left# - Baccalaureate Degree
Bottom Right# - Other



RN HIGHEST DEGREES HELD

County	Diploma	Assoc. Degree	Bacc. in Nsg.	Bacc. - (Other)	Master's in Nsg	Master's (Other)	Doctorate in Nsg	Doctorate (Other)
Adair	26	20	7	2	3	2	0	1
Adms	12	25	7	2	0	1	0	0
Allamakee	23	78	30	5	7	1	0	0
Apprise	13	82	11	7	2	0	0	0
Audubon	18	38	16	1	1	1	0	0
Benton	54	92	77	6	3	1	0	1
Blk Rwk	377	444	237	107	42	41	0	2
Boone	72	172	52	35	6	3	0	0
Bremar	81	109	63	14	11	6	0	0
Buchan	66	107	46	9	6	5	0	1
Bna Vta	53	85	43	8	3	0	0	0
Butler	54	87	24	9	2	1	0	0
Calhoun	35	102	22	10	4	4	0	0
Carroll	86	127	45	12	6	1	0	0
Cass	41	55	25	7	1	2	0	1
Cedar	43	86	66	6	10	4	0	0
Car Gor	91	342	133	30	29	15	0	1
Chokee	49	85	34	9	7	2	0	1
Chksaw	29	74	29	4	6	4	0	1
Clark	17	42	7	3	0	3	0	1
Clay	38	97	42	11	3	5	0	0
Clayton	47	85	36	8	4	2	0	0
Clinton	76	304	85	25	10	17	0	3
Crawford	36	43	23	6	3	2	0	0
Dallas	160	166	90	44	13	9	0	0
Davis	16	73	22	4	4	3	0	0
Decatur	15	35	9	4	2	2	0	1
Delwre	42	77	43	4	5	7	0	1
Dsmes	63	273	92	26	9	5	0	0
Dcknsh	40	105	38	11	4	1	0	0
Dubuque	291	494	335	74	48	35	2	3
Emmet	23	57	10	3	0	2	0	0
Fayette	27	102	22	7	0	2	0	0
Floyd	28	119	36	8	6	4	0	0
Franklin	20	63	12	2	4	1	0	0
Fremont	18	38	16	2	2	1	0	0
Greene	36	53	26	7	3	2	0	0
Grundy	47	62	26	7	1	2	0	1
Guthrie	33	55	13	16	1	1	0	1
Hamlin	30	141	16	17	2	4	0	0
Hancock	22	71	12	5	2	3	0	0
Hardin	59	153	21	10	5	3	0	0
Hrrson	52	72	46	5	3	5	0	1
Henry	39	78	68	3	7	6	0	1
Howard	18	75	9	4	0	1	0	1
Howldt	15	95	15	11	1	1	0	0
Ida	20	31	21	5	2	1	0	0
Iowa	53	85	52	8	8	5	0	0
Jackson	40	92	46	8	3	4	0	0
Jasper	108	145	72	20	8	8	0	1
Jeffers	13	65	23	3	6	4	0	0

Johnsen	301	557	1005	132	251	85	23	52
Jones	40	78	33	10	2	1	0	0
Keokuk	33	105	23	4	5	2	0	0
Kossuth	28	77	24	8	3	1	0	0
Lee	61	189	67	29	8	10	0	0
Linn	456	765	751	118	102	52	2	7
Louisa	18	47	23	3	3	1	0	1
Lucas	17	47	11	0	0	1	0	0
Lyon	35	71	35	8	1	2	0	0
Madsen	56	49	28	12	4	3	0	0
Maska	37	101	21	6	4	0	0	0
Marion	138	161	84	20	15	8	0	0
Mrshl	125	175	69	31	9	11	0	1
Mills	54	49	45	13	5	4	0	1
Mitchl	27	42	18	7	3	5	0	1
Monona	35	44	20	3	4	3	0	0
Monroe	20	56	7	0	4	2	0	0
Mtgmry	42	68	20	8	2	0	0	0
Musctn	57	143	77	11	11	2	0	0
O'Brn	46	64	29	6	1	4	0	0
Oscia	12	30	12	1	1	1	0	0
Paga	37	98	16	14	5	1	0	0
Palo At	33	62	22	5	4	2	0	0
Plymth	108	124	73	17	7	8	1	0
Pchtas	16	52	16	4	2	0	0	0
Polk	1395	1419	1177	479	195	176	2	28
Pottwt	272	253	215	52	32	16	1	2
Pwshk	54	69	25	5	5	7	0	0
Rngld	14	34	6	4	2	0	0	1
Sac	39	53	30	3	3	4	0	0
Scott	319	710	400	167	79	47	5	13
Shlby	60	50	38	11	6	3	0	0
Sioux	127	107	69	16	11	3	0	0
Story	171	302	169	78	30	23	0	4
Tama	50	65	27	10	0	5	0	0
Taylr	13	54	8	2	2	1	0	0
Union	41	72	13	8	5	1	0	1
Vn Brn	9	59	19	4	1	1	0	0
Wpilio	40	261	54	24	9	7	0	2
Warren	165	154	98	34	9	8	0	2
Wshgtn	57	136	95	15	6	1	1	0
Wayne	12	39	2	2	0	0	0	0
Wbstr	75	373	63	28	15	6	0	1
Wnnbgo	14	55	26	4	0	4	0	0
Wnnshk	39	87	55	13	13	2	1	2
Wdbry	424	503	313	68	42	49	1	5
Worth	14	42	15	4	1	0	0	0
Wright	34	107	19	6	3	3	0	0
Totals	8,036	13,928	7,825	2,162	1,247	824	39	147

July 1, 2001

Iowa Board of Nursing

ARNPs by County

Miles



KEY

- Advanced Registered Nurse
Practitioners

