



Interagency Collaborative on Nursing Statistics

American Association of Colleges of Nursing
<http://www.aacn.nche.edu/>

1. The 2013 AACN Annual Survey of Baccalaureate and Graduate Programs in Nursing

The survey was completed by 776 schools offering baccalaureate and graduate nursing programs, resulting in a response rate of 90%. Data on nurse practitioner (NP) programs and clinical nurse specialist (CNS) programs were collected jointly with the National organization of Nurse practitioner Faculties (NONNPF) and the National association of Clinical Nurse Specialists (NACNS), respectively. Three survey reports on enrollment and graduation, faculty salaries, and dean salaries were generated. The survey found that enrollment in generic baccalaureate, RN-BSN, master's, research-focused doctoral, and DNP programs continued to grow.

Data Cycle: (*annual*) **Keywords:** (enrollment, graduation, faculty, deans)

Foci:

- ◆ Application, enrollment, and graduation at baccalaureate, master's, and doctoral levels
- ◆ NP tracks at master's, post-master's and DNP levels. CNS tracks at master's and post-master's levels.

Citations:

- Fang, D., Li, Y., Arietti, R., Bednash, G.D. (2014) 2013-2014 Enrollment and Graduations in Baccalaureate and Graduate Programs in Nursing. Washington, DC: American Association of Colleges of Nursing.
- Fang, D., Li, Y., Arietti, R., Bednash, G.D. (2014) 2013-2014 Salaries of Instructional and Administrative Nursing Faculty in Baccalaureate and Graduate Programs in Nursing. Washington, DC: American Association of Colleges of Nursing.
- Fang, D., Li, Y., Arietti, R., Bednash, G.D. (2014) 2013-2014 Salaries of Deans in Baccalaureate and Graduate Programs in Nursing. Washington, DC: American Association of Colleges of Nursing.

2. The 2013 AACN Survey of Faculty Vacancies

The survey was completed by 680 schools offering baccalaureate and graduate nursing programs, resulting in a response rate of 80%. The survey collected data on vacant full-time faculty positions with regards to degree requirement, rank, tenure, area of teaching, and crucial issues with faculty recruitment and retention. The survey found a 8.3% vacancy rate for full-time faculty. Schools reported that limited pool of doctorally prepared faculty and noncompetitive salaries were the two most critical difficulties in faculty recruitment.

Data Cycle: (*annual*) **Keywords:** (full-time faculty, vacancy)

Foci:

- ◆ Full-time faculty vacancy
- ◆ Degree preferred or required for the vacant full-time faculty positions.

Citations:

- <http://www.aacn.nche.edu/leading-initiatives/research-data/vacancy13.pdf>



Interagency Collaborative on Nursing Statistics

American Association of Critical Care Nurses
www.aacn.org

1. Critical Care Nurse Work Environments Survey

Data Cycle: biannual

Keywords: healthy work environments, critical care, nursing

Foci:

- ◆ quality of patient care,
- ◆ staffing,
- ◆ communication and collaboration,
- ◆ respect,
- ◆ physical and mental safety,
- ◆ moral distress, nursing leadership,
- ◆ support for certification and continuing education,
- ◆ meaningful recognition,
- ◆ job satisfaction
- ◆ career plans.

Citations:

- Ulrich B, Lavandero R, Woods D, Early S. Critical Care Nurse Work Environments 2013: A Status Report *Crit Care Nurse August 2014* 34:64-79;
- Ulrich BT, Lavandero R, Hart KA, et al. Critical care nurses' work environments 2008: a follow-up report. *Crit Care Nurse*. 2009;29(2):93-102.
- Ulrich BT, Lavandero R, Hart KA, Woods D, Leggett J, Taylor D. Critical care nurses' work environments: a baseline status report. *Crit Care Nurse*. 2006;26(5):46-50, 52-55.



Interagency Collaborative on Nursing Statistics

American Association of Nurse Anesthetists.com

1. Faculty Survey

Data Cycle: Every odd year in January

Keywords: Faculty, Program Administrators, students, enrollment

Foci:

- ◆ Faculty Demand
- ◆ Faculty Retirement
- ◆ Student enrollment
- ◆ Projected student capacity

Citations:

- Internal document, requested distribution



American Association of Nurse Practitioners

www.aanp.org

1. AANP Membership Survey

The AANP membership survey was designed to receive feedback from its members and essential information surrounding why they joined AANP and why they maintain their membership. The survey covers a wide range of topics surrounding who AANP's membership base is. This survey has been conducted in 2003, 2006, 2009, and 2012.

Data Cycle: Every 3 Years

Last Collected: 2012

Keywords: Nurse Practitioners, Advanced Practice, Membership

Foci:

- ◆ Education
- ◆ Employment characteristics
- ◆ Geographic distribution
- ◆ National certification
- ◆ Demographic characteristics

Citations:

- AANP. (No Date). 2006 AANP Membership Survey.
- AANP. (No Date). 2012 AANP Membership Survey.

2. AANP National NP Compensation Survey

The AANP National Compensation Survey was created to compile a comprehensive data set about NP hourly and annual compensation, as well as to provide information about employment-related benefits. The survey was conducted in 2007, 2008, and 2011.

Data Cycle: Periodic

Last Collected: 2011

Keywords: Nurse Practitioners, Compensation, Work Benefits

Foci:

- ◆ Practice characteristics
- ◆ Employment characteristics
- ◆ Productivity
- ◆ Income and benefits
- ◆ Demographic characteristics

Citations:

- AANP. (2007). 2007 AANP National NP Compensation Survey.
- AANP. (No Date). 2008 AANP National NP Compensation Survey.
- AANP. (No Date). 2011 AANP National NP Compensation Survey.

3. AANP National NP Practice Site Census/Survey

The AANP National NP Practice Site Census/Survey collects practice site information on actively practicing nurse practitioners throughout the United States.

Data Cycle: Biennial
2014

Last Collected: 2013 -

Keywords: Practice Sites, Nurse Practitioners, Primary Care

Foci:

- ◆ Geographic distribution
- ◆ National certification
- ◆ Practice characteristics
- ◆ Provider characteristics
- ◆ Demographic characteristics

Citations:

- Not applicable.

4. AANP National Nurse Practitioner Sample Survey

The purpose of this survey is to identify the characteristics and practices of nurse practitioners nationwide. The survey consists of approximately 60 questions relating to NP education, certification, specialization, practice communities and settings, and prescribing and diagnosis. The AANP National NP Sample Survey has been conducted in 1989, 1999, 2004, 2009-2010, and 2012.

Data Cycle: Biennial

Last Collected: 2012

Keywords: Nurse Practitioner, Advanced Practice, Compensation

Foci:

- ◆ Demographic characteristics
- ◆ Education and certification
- ◆ Specialty areas of employment

- ◆ Practice and community settings
- ◆ Employment characteristics
- ◆ Practice characteristics

Citations:

- Goolsby, M.J. (2005). 2004 AANP National NP Sample Survey, Part I: An Overview. *JAANP*, 17(9), 337-340.
- Goolsby, M.J. (2005). 2004 AANP National NP Sample Survey, Part II: NP Prescribing. *JAANP*, 17(12), 506-511.
- Goolsby, M.J. (2006). 2004 AANP National NP Sample Survey, Part III: NP Income & Benefits. *JAANP*, 18(1), 2-5.
- Kleinpell, R. & Goolsby, M.J. (2006). 2004 AANP National Nurse Practitioner Sample Survey: Focus on Acute Care. *JAANP*, 18(9), 393-394.
- AANP. (2010). 2009-2010 AANP National NP Sample Survey, Part I: An Overview.
- AANP. (2010). 2009-2010 AANP National NP Sample Survey, Part II: NP Prescribing.
- AANP. (2010). 2009-2010 AANP National NP Sample Survey, Part III: NP Income & Benefits.
- AANP. (2014). 2012 AANP National NP Sample Survey, Part I: An Overview.



Interagency Collaborative on Nursing Statistics

American College of Nurse-Midwives
Midwife.org

1. Benchmarking

Data Cycle: (*ie., annual*) **Keywords:** (*midwifery practice patterns, ACNM member practices, best practice evidence*)

Foci: (*list of variables – ie, national certification, geographic distribution, supply*)

- ◆ Types of births
- ◆ Practice patterns
- ◆ Quality indicators
- ◆ Best practices

Citations:

- Available on ACNM website

2. Core Data Survey

Data Cycle: (*ie., annual*) **Keywords:** midwifery workforce, midwifery practice patterns, membership demographics

Foci: (*workforce*)

- ◆ Demographics of membership
- ◆ licensure
- ◆ education – degrees earned
- ◆ workforce

Citations:

Schuling, K., Sipe, A. T., Fullerton, J. (2013) Findings From the Analysis of the American College of Nurse-Midwives' Membership Surveys: 2009 to 2011

*Note: A trends report of this survey is published every 3-4 years in *JMWH*.
As of 2013, the CDS questions are on the American Midwifery Certification Board applications. All of the certified CNMs/CMs have to recertify every 5 years and they

are required to fill out the application so every 5 years data from the applications will be analyzed and reported in full.

3. Preceptor Survey

Data Cycle: *(ie.,variable)* **Keywords:** midwives, preceptors, midwife attitudes, student midwives

Foci: *(list of variables – ie, national certification, geographic distribution, supply)*

- ◆ Midwifery educators
- ◆ Preceptors
- ◆ Challenges to precepting

Citations:

- Germano, Elaine; Schorn, Mavis N.; Phillippi, Julia C.; Schuiling, Kerri; (2014). Factors that Influence Midwives to Serve as Preceptors: An American College of Nurse-Midwives Survey. *Journal of Midwifery & Women's Health*, 2014 Mar; 59 (2): 167-75.

4. Compensation & Benefits Survey of ACNM Members

Data Cycle: *(ie.,every 3-4 years (most recent is 2014)*

Keywords: midwives, midwifery practice, midwifery salaries and benefits

Foci:

- ◆ Demographics of midwives
- ◆ Midwifery salaries – education, practice & research
- ◆ Education

Citations:

- Reports of key findings are on ACNM website
- Trend report in progress



Interagency Collaborative on Nursing Statistics

Bureau of Labor Statistics, Employment Projections Program

<http://www.bls.gov/emp/>

<http://www.bls.gov/ooh/>

1. Occupational employment projections

The Bureau of Labor Statistics (BLS) produces occupational employment projections using data from several BLS programs, including Occupational Employment Statistics (OES), Current Employment Statistics (CES), and Current Population Survey (CPS). For more information on Employment Projections methodology, please see the following:

http://www.bls.gov/emp/ep_projections_methods.htm.

Data Cycle:

Occupational projections data are published every two years. The 2014–15 *Occupational Outlook Handbook (OOH)* features data from 2012-2022. The current edition of the *OOH* was first placed on the website January 8, 2014.

Foci:

Employment projections data provide estimates of the expected change in employment over a ten-year period. Projections data are featured in the *Occupational Outlook Handbook (OOH)*. The *OOH* also contains wage data as well as information about the typical entry-level education and training that is needed for hundreds of occupations.

Citations:

The BLS suggests the following citation, which conforms to the U.S. Government Printing Office's style guide, for the *OOH* website:

"Bureau of Labor Statistics, U.S. Department of Labor, 2014–15 *Occupational Outlook Handbook*, [date accessed] [www.bls.gov/OOH/]."

The suggested citation for individual pages from the 2014–15 *OOH* can be found on the bottom of each webpage.



Interagency Collaborative on Nursing Statistics

CGFNS International
www.cgfns.org

1. CGFNS Certification Program (Test) Data, 2009-2013

Descriptive data and pass rates of international nurses taking the CGFNS examination, 2003-2007. Includes countries of education as well as first time and repeater pass rates.

Data Cycle: Annual

Keywords: CGFNS Examination, International Nurses, Test Data

Foci:

- ◆ Licensure
- ◆ National certification
- ◆ Geographic distribution
- ◆ Education
- ◆ Sociodemographic characteristics
- ◆ Supply and demand
- ◆ Other

Citations:

- Unpublished/Limited Access

2. CGFNS Validity Study

Correlational study that identifies the ability of the CGFNS examination to predict success on the NCLEX-RN (US licensure) examination. Identifies pass rates of international nurses on the CGFNS and NCLEX-RN examinations, correlates results of the CGFNS and English language proficiency examinations with results on the U.S. licensure exam, and describes the variables that predict success on the CGFNS examination and the NCLEX-RN examination.

Data Cycle: Annual

Keywords: International Nurses, CGFNS Examination, US Licensure Examination

Foci:

- ◆ Licensure
- ◆ Education
- ◆ Sociodemographic characteristics
- ◆ Other

Citations:

- Limited Access to Unpublished Full Report

3. CGFNS VisaScreen Trend Analysis, 2009-2013

Analysis of CGFNS VisaScreen data by profession, demographics, education, licensure, English language proficiency and geographic distribution. Includes data on internationally educated registered nurses, practical nurses, physical therapists, occupational therapists, clinical laboratory scientists and technicians, speech language pathologists and audiologists, and physician assistants entering the United States for the purpose of employment.

Data cycle: Annual

Keywords: International Healthcare Professionals, US Immigration, VisaScreen

Foci:

- ◆ Licensure
- ◆ Geographic distribution
- ◆ Education
- ◆ Sociodemographic characteristics
- ◆ Supply and demand
- ◆ Other

Citations:

- Unpublished/Limited Access

4. Foreign Nurse Graduate Employer Survey

Survey of hospitals employing international nurses that focuses on hospital recruitment practices, transition to practice issues for the hospital, host staff and international nurses, and the safety of international nurses in U.S. practice.

Data cycle: Periodic

Keywords: International Nurses, Employers of International Nurses, Transition to U.S. Practice

Foci:

- ◆ Licensure
- ◆ Geographic distribution
- ◆ Education
- ◆ Sociodemographic characteristics
- ◆ Employment characteristics
- ◆ Supply and demand
- ◆ Practice Characteristics
- ◆ Other

Citations:

- Unpublished/Limited Access

5. Migration Patterns of International Healthcare Professionals in the United States

Survey describing migration patterns of healthcare professionals entering the United States for purposes of employment. Focuses on migratory patterns, reasons for leaving home country, choice of host country, employment patterns, recruiter use and incentives to return to home country. Professions include registered nurses, practical nurses, physical therapists, occupational therapists, clinical laboratory scientists and technicians, speech-language pathologists and audiologists, and physician assistants.

Data Cycle: Periodic

Keywords: International Healthcare Professionals, Migration Patterns, Recruiter Use/Practices

Foci:

- ◆ Licensure
- ◆ National certification
- ◆ Geographic distribution
- ◆ Education
- ◆ Sociodemographic characteristics
- ◆ Employment characteristics
- ◆ Supply and demand
- ◆ Other

Citations:

- Pittman, P., Davis, C., Shaffer, F., Herrera, C.N., & Bennett, C. (2014). Perceptions of employment-based discrimination among newly arrived foreign-educated nurses,” *American Journal of Nursing*, January 2014, 114, (1): 26–35.

- Pittman, P., Herrera, C., Spetz, J., & Davis, C.R. (2012). Immigration and contract problems experienced by foreign-educated nurses. *Medical Care Research and Review*, June, 2012, 69: 351-365.

6. The Trilateral Initiative for North American Nursing

Historical study designed to identify the standards of nursing education, program approval and accreditation, licensure and registration, and specialty certification in Canada, Mexico and the United States. Goals of the study were to facilitate harmonization of standards under the North American free Trade Agreement (NAFTA) and to promote the mobility of nurses among the three countries.

Data cycle: One-time

Keywords: Mobility of North American Nurses, North American Free Trade Agreement (NAFTA), Nursing Education and Practice

Foci:

- ◆ Standards
- ◆ Licensure
- ◆ National certification
- ◆ Geographic distribution
- ◆ Education
- ◆ Education Programs/Settings
- ◆ Sociodemographic characteristics
- ◆ Employment characteristics
- ◆ Supply and demand
- ◆ Other

Citations:

- Commission on Graduates of Foreign Nursing Schools (1997). *The Trilateral Initiative for North American Nursing*. Philadelphia: CGFNS.



Interagency Collaborative on Nursing Statistics

National Association of Clinical Nurse Specialists
Nacns.org

NACNS Member Survey

Member survey captures demographics, practice specialty/patient population focus, practice setting, organization Magnet designation status, billing participation, and other items relevant to describing a CNS population.

Data Cycle: Annual **Keywords:** CNS, practice, specialty, population

Foci:

- ◆ National certification
- ◆ Practice setting
- ◆ Specialty
- ◆ Billing



Interagency Collaborative on Nursing Statistics

The National Forum of State Nursing Workforce Centers
<http://www.nursingworkforcecenters.org/>

1. Minimum Datasets for Nurse Supply, Demand, and Education

Purpose: To move toward standardized data collection for the purpose of cross-state comparisons and an eventual repository of national nursing workforce data

Background: The minimum datasets were created through a rigorous process of consensus-building. The Center to Champion Nursing in America, an initiative of AARP, provided financial support to supplement the in-kind contributions from each of the Forum subscribers. Special Forum workgroups drafted the datasets and conducted a public comment period, soliciting input from experts and representatives from national organizations, both public and private. By a process of voting, the Forum ratified the collaboratively-created datasets in September 2009.

The National Forum of State Nursing Workforce Centers believes adoption of the datasets will enhance our ability to plan for imbalances in nurse supply and demand, position us to course-correct in response to changing conditions, and, ultimately, improve healthcare for all Americans.

Current Status: The National Forum of State Nursing Workforce Centers' Research Committee is currently reviewing the Minimum Nurse Supply Dataset to assess current relevancy and to make sure that all elements meet the current data needs of the changing practice environment.

Data Cycle: ongoing **Keywords:** nursing workforce, nurse supply data, nurse education data, nurse demand data

Foci:

- ◆ Minimum Nurse Supply Dataset – 17 variables including demographic information, employment information, and general licensure information
- ◆ Minimum Nurse Demand Dataset – 8 variables including nurse staffing numbers that can be used to calculate vacancy and turnover rates among employers of nurses

- ◆ Minimum Nurse Education Dataset – 17 variables including student admission, enrollment, and graduation numbers, student demographics, faculty counts and faculty demographics

Citations:

- <http://www.nursingworkforcecenters.org/minimumdatasets.aspx>
- Nooney, J., Cleary, B., Moulton, P., Wiebusch, P., Murray, J., Yore, M., Brunell, M. (2010). Towards Standardization (Part 1): Assessment of State and National Nursing Workforce Data Sources. *Policy, Politics and Nursing Practice, 11(3)* 173-183.

2. MDS Implementation Survey

In 2011, the National Forum of State Nursing Workforce Centers' Research Committee surveyed its member states to assess whether states had implemented the MDS and if so, to what degree.

Data Cycle: Once - 2011 **Keywords:** nursing data standardization, nursing workforce, minimum nurse datasets

Foci:

- ◆ Implementation of Minimum Nurse Supply Dataset
- ◆ Implementation of Minimum Nurse Demand Dataset
- ◆ Implementation of Minimum Nurse Education Dataset

Citations:

- Moulton, P., Wiebusch, PL., Cleary, BL., Brunell, ML, Napier, DF, Bienemy, C., LeVasseur, SA., Cimiotti, JP. (2012). Towards Standardization (Part 2): Status of Implementation of National Nursing Workforce Minimum Data Sets. *Policy, Politics and Nursing Practice, 13 (3)*, 162-9.

3. 2013 National Workforce Survey of RNs

The National Council of State Boards of Nursing and The Forum of State Nursing Workforce Centers collaborated on the 2013 National Workforce Survey of RNs. This sample survey was conducted to collect supply data on the RN workforce. The results of this survey are available in the publication cited below.

Data Cycle: Once - 2013 **Keywords:** survey of RNs, supply data

Foci:

- ◆ Nurse Supply Data

Citations:

- Budden, J., Zhong, E., Moulton, P. & Cimiotti, J. (2013). The National Council of State Boards of Nursing and The Forum of State Nursing Workforce Centers 2013 National Workforce Survey of RNs. *Journal of Nursing Regulation* 4(2)



Interagency Collaborative on Nursing Statistics

National Organization of Nurse Practitioner Faculties
www.nonpf.org

1. NP Annual Enrollment and Graduation Survey

A collaborative data collection effort with the American Association of Colleges of Nursing (AACN) to track the annual enrollment and graduation data numbers in NP educational programs, including master's, post-master's, and DNP NP programs.

Data Cycle: annual

Keywords:

nurse practitioner, workforce, education

Foci:

- ◆ Enrollment and graduation numbers in the NP programs at the master's, post-master's and doctoral levels.

Citations:

- Fang, D., Li, Y., Arietti, R., and Bednash, G. (2014). *2013-2014 enrollment and graduations in baccalaureate and graduate programs in nursing*. Washington, DC: American Association of Colleges of Nursing and National Organization of Nurse Practitioner Faculties.