
RESEARCH ON NURSING RESOURCES

NURSING DATA SOURCES AND GAPS

******NOTE: WILL BE REVISED BY ICONS (INTERAGENCY
COLLABORATIVE ON NURSING STATISTICS)—NOTE NAME
CHANGE******

INTERAGENCY CONFERENCE ON NURSING STATISTICS

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INTERAGENCY CONFERENCE ON NURSING STATISTICS
NURSING SUPPLY AND DEMAND: DATA SOURCES AND GAPS

INTRODUCTION

The Interagency Conference on Nursing Statistics (ICONS) is an informal association of individuals from a variety of organizations who are the staff responsible for the development, compilation and analysis of data on nurses and the milieu in which nurses practice. ICONS was initially developed in 1953 for the specific purpose of discussing ways of estimating the nurse supply in the country. It soon became evident that there was need for a broader perspective which would incorporate a number of aspects of assuring the availability of a data base for evaluating and planning for the nurse supply. Therefore, the overall objectives of ICONS are to coordinate the development of nursing statistics and to stimulate the promotion, collection, and dissemination of those data.

The study of data needs and the identification of data sources to fulfill those needs are on-going activities of the ICONS members in their regular meetings. Through these reviews the members have achieved their key purposes of identifying gaps in the available data and seeking ways of filling these gaps.

Throughout the years ICONS has been involved in a number of approaches to the identification of a blueprint for a nursing data base. In June 1974 ICONS initiated the publication Abstracts of Studies which provided a compilation of studies conducted and/or supported by the organizational members. The publication was expanded under a project carried out by the Western Interstate Commission on Higher Education under contract to the Division of Nursing, BHP, HRSA into A Directory of Nursing-Related Data Sources. Subsequent to that date, ICONS continued to produce compilations of the studies carried out by member organizations and in the mid-1980s this evolved into a list of nursing-related data sources incorporated into the December issues of the International Nursing Index.

In September 1985 ICONS sought assistance in the identification of gaps in available data on nurses from a broad-based group of individuals and organizations involved in policy and data development by cosponsoring a Workshop on Nursing Data Gaps and Needs with the Division of Nursing. Subsequently, in 1989, Project Hope, under a contract with the Bureau of Health Professions, undertook a study of available nursing data and the gaps in the data relative to the study of policy issues in nursing. Project Hope convened a group, similar to that of the earlier meeting, to explore the nature and the types of data needs they saw. The Project Hope study resulted in the development of An Action Plan for the Establishment of a Minimum Nursing Data Base. Incorporated within that Action Plan was a phased approach to accomplishing the data base. This Action Plan formed the basis for subsequent ICONS reviews of available data and the data gaps.

ICONS, as it continued its work, recognized that the changing health care delivery system, and how nurses might fit into it, required a renewed examination of the data needs. It developed a conceptual framework to guide the review of data sources and the identification of the gaps.

This document is the first iteration of the revised examination of Nursing Data Sources and Gaps. The review of the data sources and gaps is an on-going activity of ICONS. ICONS will be using the document as a guide for the continuation of this activity. ICONS hopes that it will also be useful to others as they examine their needs for data on nurses and the milieu in which they practice.

CONCEPTUAL FRAMEWORK

The characteristics and utilization of licensed nursing personnel (Licensed Practical/Vocational Nurses, Registered Nurses, and Advanced Practice Registered Nurses) are influenced by a number of factors: nursing personnel resources (supply), the demand for nursing services, and the characteristics of health care system users. This document provides an overview of the framework used to report the availability (or non-availability) of information within these three identified areas. The framework was developed specifically for the organization of information contained in this document.

I. Nurse Resources

A. Nurse Population

1. Number with active licenses
2. Geographic distribution
3. Employment level
4. Educational preparation
5. Sociodemographic characteristics (age, gender, racial/ethnic group affiliation)
6. Employment setting
7. Role/title
8. Specialty certification/State credentialing
9. Salary and benefit information

B. Nursing Pipeline

1. US educated: Entry level/Basic education
 - a. Enrollment and graduation statistics
 - b. Institutional characteristics
 - c. Student demographic characteristics
2. Foreign educated nurses eligible for initial licensure in the US
 - a. Sociodemographic characteristics
3. US educated: Post-basic nursing education
 - a. Enrollment and graduation statistics

II. Demand for nursing personnel

A. All settings

1. Practice setting characteristics
2. Resource utilization

B. Hospital settings

1. Practice setting characteristics
2. Resource utilization

C. Long Term Care settings

1. Practice setting characteristics
2. Resource utilization

D. Public Health and Community Health settings

1. Public Health agencies
 - a. Practice setting characteristics
 - b. Resource utilization
2. Home Health agencies
 - a. Practice setting characteristics
 - b. Resource utilization
3. Community Mental Health centers
 - a. Practice setting characteristics
 - b. Resource utilization

4. Community/Neighborhood Health centers
 - a. Practice setting characteristics
 - b. Resource utilization
5. Rural Health
 - a. Practice setting characteristics
 - b. Resource utilization
6. Occupational Health
 - a. Practice setting characteristics
 - b. Resource utilization
7. Physicians' Offices
 - a. Practice setting characteristics
 - b. Resource utilization
8. Freestanding Nurse-managed Clinics
 - a. Practice setting characteristics
 - b. Resource utilization
9. Dental practice
 - a. Practice setting characteristics
 - b. Resource utilization
10. Health Maintenance Organizations
 - a. Practice setting characteristics
 - b. Resource utilization

III. Health Care System Users

- A. Sociodemographics
- B. Health Status
- C. Geographic distribution

**DATA SOURCES AND GAPS
INTERAGENCY CONFERENCE ON NURSING STATISTICS**

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>I. NURSE RESOURCES</u>			
A. NURSE POPULATION			
<u>1. Number with active licenses</u>			
Division of Nursing (DoN)	National Sample Survey - RNs	Approx. every 3 years (3/96)	Random sample
National Council of State Boards of Nursing (NCSBN)	Annual Licensure and Examination Statistics	Annual	Licenses only; licensees not unduplicated
<u>2. Geographic Distribution</u>			
AANA	Membership Survey	Annual	All CRNA members
Bureau of Labor Statistics (BLS)	Current Population Survey	Monthly	Random sample
Bureau of the Census (BoC)	Decennial Census	Every 10 years - 1990	
DoN	Certified Nurse Practitioner/Certified Clinical Nurse Specialist Study	1992 (one time)	Random sample of certified NPs and CNSs
DoN	National Sample Survey - RNs	Approx. every 3 years (3/96)	Random sample

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>I. A. 2. Geographic Distribution (cont.)</u>			
NCSBN	Job Analysis Study of Entry-Level RNs	Every 3 years (5/96)	Random sample of newly licensed RNs
NCSBN	Job Analysis Study of Entry-Level PN/VNs	Every 3 years (5/97)	Random sample of newly licensed PN/VNs
NCSBN	Annual Licensure and Examination Statistics	Annual	Licenses only; licensees not unduplicated
National League for Nursing (NLN)	Newly Licensed Nurse Survey - RNs	Biennial - 1997	All RNs within their first year of licensure
NLN	Nurse Educator Survey	Annual	All deans and faculty in PN, Diploma, AD, and Baccalaureate programs
<u>3. Employment Level</u>			
AANA	Membership Survey	Annual	All CRNA members
AANA	Council on Accreditation Annual Survey	Annual	All CRNA and physician faculty in anesthesia education programs
American Association of Colleges of Nursing (AACN)	AACN Faculty Survey	Annual	Faculty in baccalaureate and higher degree programs
AACN	AACN Deans Survey	Annual	Deans in baccalaureate and higher degree programs

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>I.A. 3. Employment Level (cont.)</u>			
American College of Nurse Midwives (ACNM)	ACNM Member Survey	Annual	CNM members
BoC	Decennial Census	Every 10 years - 1990	
BLS	Current Population Survey	Monthly	Random sample
BLS	National Industry - Occupation Matrix	Biennial	
DoN	National Sample Survey - RNs	Approx. every 3 years (3/96)	Random sample
DoN	Certified Nurse Practitioner/Certified Clinical Nurse Specialist Study	1992 (one time)	Random sample of certified NPs and CNSs
NCSBN	Quarterly Survey of Newly Licensed RNs and LPN/VNs	Quarterly	Random sample of newly licensed RNs and LPN/VNs within 3 - 6 months of licensure
NLN	Newly Licensed Nurse Survey - RNs	Biennial - 1997	All RNs within their first year of licensure
NLN	Nurse Educator Survey	Annual	All deans and faculty in PN, Diploma, AD, and Baccalaureate programs

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>4. Educational Preparation</u>			
AANA	Membership Survey	Annual	All CRNA members
AANA	Council on accreditation Annual Survey	Annual	All CRNA and physician faculty in anesthesia education programs
AACN	AACN Faculty Survey	Annual	Faculty in baccalaureate and higher degree programs
AACN	AACN Deans Survey	Annual	Deans in baccalaureate and higher degree programs
ACNM	ACNM Member Survey	Annual	CNM members
BoC	Decennial Census	Every 10 years - 1990	
BLS	Current Population Survey	Monthly	Random sample
DoN	National Sample Survey - RNs	Approx. every 3 years (3/96)	Random sample
DoN	Certified Nurse Practitioner/Certified Clinical Nurse Specialist Study	1992 (one time)	Random sample of certified NPs and CNSs
NCSBN	Quarterly Survey of Newly Licensed RNs and LPN/VNs	Quarterly	Random sample of newly licensed RNs and LPN/VNs within 3 - 6 months of licensure

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>I.A. 4. Educational Preparation (cont.)</u>			
NCSBN	Job Analysis Study of Entry-level RNs	Every 3 years (5/96)	Random sample of newly licensed RNs
NCSBN	Job Analysis Study of Entry-level LPN/VNs	Every 3 years (5/97)	Random sample of newly licensed LPN/VNs
NLN	Newly Licensed Nurse Survey - RNs	Biennial - 1997	All RNs within their first year of licensure
NLN	Nurse Educator Survey	Annual	All deans and faculty in PN, Diploma, AD, and Baccalaureate programs
<u>5. Sociodemographic Characteristics (age, gender, marital status, racial/ethnic, etc.)</u>			
AANA	Membership Survey	Annual	All CRNA members
AACN	AACN Faculty Survey	Annual	faculty in baccalaureate and higher degree programs
AACN	AACN Deans Survey	Annual	Deans in baccalaureate and higher degree programs
ACNM	ACNM Member Survey	Annual	CNM members

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>I.A. 5. Sociodemographic Characteristics (cont.)</u>			
BoC	Decennial Census	Every 10 years - 1990	
BLS	Current Population Survey	Monthly	Random sample
DoN	National Sample Survey - RNs	Approx. every 3 years (3/96)	Random sample
DoN	Certified Nurse Practitioner/Certified Clinical Nurse Specialist Study	1992 (one time)	Random sample of certified NPs and CNSs
NCSBN	Quarterly Survey of Newly Licensed RNs and LPN/VNs	Quarterly	Random sample of newly licensed RNs and LPN/VNs within 3 - 6 months of licensure
NCSBN	Job Analysis Study of Entry-Level RNs	Every 3 years (5/96)	Random sample of newly licensed RNs
NCSBN	Job Analysis Study of Entry-Level LPN/VNs	Every 3 years (5/97)	Random sample of newly licensed LPN/VNs
<u>6. Employment Setting</u>			
AANA	Membership Survey	Annual	All CRNA members

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>I.A. 6. Employment Setting (cont.)</u>			
AANA	Council on accreditation Annual Survey	Annual	All CRNA and physician faculty in anesthesia education programs
AACN	AACN Faculty Survey	Annual	Faculty in baccalaureate and higher degree programs
AACN	AACN Deans Survey	Annual	Deans in baccalaureate and higher degree programs
ACNM	ACNM Member Survey	Annual	CNM members
BoC	Decennial Census	Every 10 years - 1990	
BLS	Current Population Survey	Monthly	Random sample
BLS	National Industry-Occupation Matrix	Biennial	
DoN	National Sample Survey - RNs	Approx. every 3 years (3/96)	Random sample
DoN	Certified Nurse Practitioner/Certified Clinical Nurse Specialist Study	1992 (one time)	Random sample of certified NPs and CNSs

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>I.A. 6. Employment Setting (cont.)</u>			
NLN	Nurse Educator Survey	Annual	All deans and faculty in PN, Diploma, AD, and Baccalaureate programs
NLN	Newly Licensed Nurse Study - RNs	Biennial - 1997	All new RNs
NCSBN	Job Analysis Study of Entry-Level RNs	Every 3 years (5/96)	Random sample
NCSBN	Job Analysis Study of Entry-Level LPN/VNs	Every 3 years (5/97)	Random sample
NCSBN	Role Delineation Study	Every 5 years (1992)	Random sample LPN/VNs, RNs, APRNs
<u>I. A. 7. Role/Title</u>			
AANA	Council on accreditation Annual Survey	Annual	All CRNA and physician faculty in CRNA programs
AACN	AACN Faculty Survey	Annual	Faculty in baccalaureate and higher degree programs
AACN	AACN Deans Survey	Annual	Deans of baccalaureate and higher degree programs
ACNM	ACNM Member Survey	Annual	ACNM members

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>I. A. 7. Role/Title (cont.)</u>			
DoN	National Sample Survey - RNs	Approx. every 3 years (3/96)	Random sample
DoN	Certified Nurse Practitioner/Certified Clinical Nurse Specialist Study	1992 (one time)	Random sample of certified NPs and CNSs
NCSBN	Job Analysis Study of Entry-Level RNs	Every 3 years (5/96)	Random sample
NCSBN	Job Analysis Study of Entry-Level LPN/VNs	Every 3 years (5/97)	Random sample
<u>8. Specialty Certification/ State Credentialing</u>			
			Gaps in identifying certified nurses; information from certification agencies not unduplicated
AANA	Membership Survey	Annual	All CRNA members
AANA Council on Certification of Nurse Anesthetists (COCNA)	Council on Certification Data Base	Quarterly	New CRNAs
AACN	Institutional Data Survey	Annual	Baccalaureate and Higher Degree Programs

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>I.A. 8. Specialty Certification/ State Credentialing (cont.)</u>			Gaps in identifying certified nurses; information from certification agencies not unduplicated
DoN	National Sample Survey - RNs	Approx. every 3 years (3/96)	Random sample
DoN	Certified Nurse Practitioner/Certified Clinical Nurse Specialist Study	1992 (one time)	Random sample of certified NPs and CNSs
NCSBN	Annual Licensure and Examination Statistics	Annual	Number NPs, CRNAs, CNMs recognized by each state (includes inter-jurisdictional duplicates)
<u>9. Salary and Benefit Information</u>			
AACN	AACN Faculty Survey	Annual	Faculty in baccalaureate and higher degree programs
AACN	AACN Deans Survey	Annual	Deans of baccalaureate and higher degree programs
AANA	Membership Survey	Annual	All CRNA members
American Association of University Professors (AAUP)	Average Salaries of Full Time Faculty Members	Annual	Nursing not broken out as separate group
ACNM	ACNM Membership Survey	Annual	ACM members

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>I.A. 9. Salary and Benefit Information (cont.)</u>			
American Organization of Nurse Executives (AONE)	Nurse Executive Survey	Annual	Membership survey
BoC	Decennial Census	Every 10 years - 1990	
BLS	Current Population Survey	Monthly	Random sample
BLS	National Compensation Survey	Annual	Random sample
College and University Personnel Association	National Faculty Salary Survey (2 versions) one for private; one for public institutions	Annual	Full time faculty members in baccalaureate and comprehensive colleges and universities; excludes doctorate-granting institutions
College and University Personnel Association	Administrative Compensation Survey	Annual	
DoN	National Sample Survey - RNs	Approx. every 3 years (3/96)	Random sample
NCSBN	Member Board Profiles Update Survey	Biennial - 1996	Salary information - board of nursing staff
NLN	Nurse Educator Survey	Annual	All deans and faculty in PN, Diploma, AD, and Baccalaureate programs

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
I. B. NURSING PIPELINE			
1. U.S. educated: Entry Level/Basic Education			
<u>a. Enrollment and Graduation Statistics</u>			
AACN	Enrollment and Graduation Survey	Annual	Baccalaureate and Higher Degree Programs
National Center for Education Statistics, U.S. Department of Education (NCES)	Integrated Post Secondary Educational Data System (IPEDS)	Annual	Number of completions of educational programs by type of program and field of study
NLN	Annual Survey of Schools of Nursing	Annual	All state-approved LPN/VN and RN programs
<u>b. Institutional Characteristics</u>			
AACN	Institutional Data Survey	Annual	Baccalaureate and Higher Degree Programs
NLN	Annual Survey of Nursing Programs	Annual	All state-approved LPN/VN and RN programs
<u>c. Student Demographic Characteristics</u>			
AACN	Enrollment and Graduation Survey	Annual	Baccalaureate and Higher Degree Programs

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>I.B.1. c. Student Demographic Characteristics (cont.)</u>			
NCSBN	NCLEX application data	Ongoing	LPN/VN and RN program graduates
NLN	Annual Survey of Nursing Programs	Annual	All state-approved LPN/VN and RN programs
2. Foreign Educated Nurses Eligible for Licensure in the US			
a. Sociodemographic Characteristics			
Commission on Graduates of Foreign Nursing Schools (CGFNS)	CGFNS application data	Ongoing	Sociodemographic and educational program descriptions for CGFNS certificate applicants
3. U.S. Educated: Post-Basic Nursing Education			
			Generally = gender & racial/ethnic data, only.
<u>a. Enrollment/Graduation Data</u>			
AACN	Enrollment and Graduation Survey	Annual	Certificate and Degree Programs in Colleges and Universities - by specialty area
COCNA	Council on Certification Data Base	Annual	CRNA students
NCES	Integrated Post Secondary Educational Data System (IPEDS)	Annual	Number of completions of educational programs by type of program and field of study

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>I.B.3. a. Enrollment/Graduation Data (cont.)</u>			
NLN	Annual Survey of Schools of Nursing	Annual	
National Organization of Nurse Practitioner Faculty (NONPF)	National Nurse Practitioner Program Survey	Annual	
National Science Foundation	Science and Engineering Degrees	Periodic	Doctoral student graduation data

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>II. DEMAND FOR NURSING PERSONNEL</u>			
<u>A. ALL SETTINGS</u>			
1. Practice Setting Characteristics			
AANA	Membership Survey	Annual	All CRNA members
BLS	Survey of Occupational Injuries and Illnesses	Annual	
DoN	National Sample Survey - RNs	Approx. every 3 years (3/96)	Random sample
2. Resource Utilization			
BLS	Occupational Employment Statistics Survey	Annual	
BLS	National Industry-Occupation Matrix	Biennial	

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>II. B. HOSPITAL SETTINGS</u>			
1. Practice Setting Characteristics			
American Hospital Association (AHA)	Annual Survey of Hospitals	Annual	Institutional characteristics, size, services; includes an agency's long term care, hospice, and home care services, as applicable
AHA	Panel Survey of Community Hospitals	Quarterly	Sample of all community hospitals
Health Care Financing Administration (HCFA)	Provider of Service Survey/File	Ongoing	Medicare/Medicaid benefactors only
2. Resource Utilization			
Agency for Health Care Policy and Research (AHCPR)/ NCHS	National Hospital Ambulatory Medical Care Survey	Annual	Sample of ambulatory patient visits
AHA	Annual Survey	Annual	Numbers of RNs, LPN/VNs and total personnel
AHA	Panel Survey of Community Hospitals	Quarterly	Sample of all community hospitals

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
II. C. LONG TERM CARE SETTINGS			
1. Practice Setting Characteristics			
American Health Care Association (AHCA)	Membership Survey	Annual	Members only
HCFA	Provider of Service Survey/File	Ongoing	Medicare-Medicaid benefactors only
National Center for Health Statistics (NCHS)	National Health Provider Inventory (NHPI)	Periodic (1991)	
NCHS	National Nursing Home Survey	Annual	Sample survey
2. Resource Utilization			
HCFA	Provider of Service Survey/File	Ongoing	Medicare/Medicaid benefactors only
NCHS	National Health Provider Inventory (NHPI)	Periodic (1991)	
D. PUBLIC HEALTH AND COMMUNITY HEALTH SETTINGS			
1. Public Health Agencies			
			(State and local governmental health agencies)

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<i>II.C.1. a. Practice Setting Characteristics</i>			
National Association of County and City Health Officials (NACCHO)	Profile of Local Health Departments	Annual	Periodic sample studies of specialized topics will e considered in the future
<i>b. Resource Utilization</i>			
			None identified
<u>2. Home Health Agencies</u>			
<i>a. Practice Setting Characteristics</i>			
HCFA	Provider of Service Survey /File	Ongoing	Medicare/Medicaid benefactors only
National Association for Home Care (NAHC)	Member Survey	Annual	Membership information; working on establishing a minimum data set
NCHS	National Health Promotion Inventory	Periodic (1991)	Contains home health care data
<i>b. Resource Utilization</i>			
HCFA	Provider of Service Survey/File	Ongoing	Medicare/Medicaid benefactors only
NCHS	National Home and Hospice Care Survey	Annual (1992)	Contains staffing data

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
II.D.2. b. Home Health Agencies - Resource Utilization (cont.)			
BLS	National Industry-Occupation Matrix	Biennial	
NCHS	National Health Promotion Inventory	Periodic (1991)	Contains home health care data
<u>3. Community Mental Health Centers</u>			
<i>a. Practice Setting Characteristics</i>			
Substance Abuse & Mental Health Administration (SAMHSA)	Inventory of Mental Health Organizations	Biennial	
<i>b. Resource Utilization</i>			
SAMHSA	Inventory of Mental Health Organizations	Biennial	
DoN	National Sample Survey - RNs	Approx. every 4 years (3/96)	Random sample
<u>4. Community/Neighborhood Health Centers</u>			
<i>a. Practice Setting Characteristics</i>			None identified
<i>b. Resource Utilization</i>			None identified

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
<u>II.D. 5. Rural Health</u>			
<i>a. Practice Setting Characteristics</i>			None identified
<i>b. Rural Health - Resource Utilization</i>			None identified
<u>6. Occupational Health</u>			
<i>a. Practice Setting Characteristics</i>			None identified
<i>b. Resource Utilization</i>			None identified
<u>7. Ambulatory Setting</u>			
<i>a. Practice Setting Characteristics</i>			None identified
<i>b. Resource Utilization</i>			None identified
<u>8. Freestanding - Nurse Managed Clinics</u>			
AACN	Institutional Data Survey	Annual	College/University affiliated centers
NLN	Special Survey on Nurse Centers/Clinics	1992	
<u>9. Dental Practice</u>			None identified
<u>10. Health Maintenance Organizations</u>			
American Association of Health Plans (AAHP)	AAHP Clinical Staffing Survey	1993	Membership survey; staff- and group-model HMOs.

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
III. HEALTH CARE SYSTEM USERS			
A. SOCIODEMOGRAPHICS			
BLS	Current Population Survey	Monthly	Random sample
Bureau of the Census	Decennial Census	Every 10 years - 1990	
B. HEALTH STATUS			
CDCP	Morbidity/mortality data	Monthly	
NCHS	National Health Interview survey		
NCHS	Health Nutrition Exam Survey		
NCHS	National Nursing Home Survey	Annual	Sample survey
NCHS	Home Health Care and Hospice Survey		
NCHS	National Ambulatory Care Survey		
C. GEOGRAPHIC DISTRIBUTION			
BLS	Current Population Survey	Monthly	Random sample
Bureau of the Census	Decennial Census	Every 10 years - 1990	

DATA SOURCE	TOOL	FREQUENCY OF COLLECTION (last data collection)	COMMENTS
III. C. GEOGRAPHIC DISTRIBUTION (cont.)			
CDCP	Morbidity/mortality data	Monthly	
NCHS	National Health Interview Survey		
NCHS	Health Nutrition Exam Survey		
NCHS	National Nursing Home Survey	Annual	Sample survey
NCHS	Home Health Care and Hospice Survey		
NCHS	National Ambulatory Care Survey		

APPENDIX A. Contacts for Obtaining Additional Information about Specific Data Sources

Resource	Surveys
American Association of Colleges of Nursing (AACN) 1 DuPont Circle, Suite 530 Washington, DC 20036 202-463-6390 http://www.aacn.nche.edu/	AACN Deans Survey AACN Faculty Survey Enrollment and Graduation Survey Institutional Data Survey
American Association of Health Plans 1129 20th Street, NW, Suite 600 Washington, Dc 20036 202-778-8463 http://www.aahp.org/	Clinical Staffing Survey
American Association of Nurse Anesthetists (AANA) 222 S. Prospect Avenue Park Ridge IL 60068 847-692-7050 http://www.AANA.com	Council on accreditation Annual Survey Council on Certification Data Base Membership Survey
American Association of University Professors (AAUP) 1012 Fourteenth Street N.W. Suite 500 Washington D.C. 20005-3465 202- 737-5900 http://www.igc.apc.org/aaup/	Average Salaries of Full Time Faculty Members
American College of Nurse Midwives (ACNM) 818 Connecticut Ave., NW, Suite 900 Washington, DC 20006 202-728-9860 http://www.acnm.org/	ACNM Member Survey
Agency for Health Care Policy and Research (AHCPR) (in collaboration with National Center for Health Statistics) 2101 East Jefferson Street Rockville, MD 20852 301-594-4015 http://www.ahcpr.gov/	National Hospital Ambulatory Medical Care Survey
American Hospital Association (AHA) 1 North Franklin Chicago, IL 60606 312-422-3523	Annual Survey of Hospitals Panel Survey of Community Hospitals

Resource	Surveys
<p>American Health Care Association (AHCA) 1201 L Street, NW Washington, DC 20005 202-842-4444</p>	<p>Membership survey</p>
<p>American Organization of Nurse Executives (AONE) 1 North Franklin Chicago, IL 60606 312-422-2800 http://www.aone.org/</p>	<p>Nurse Executive Survey</p>
<p>Bureau of Labor Statistics (BLS) 2 Massachusetts Ave., NE Washington, DC, 20212 202-606-5886 e-mail blstatistic@bls.gov http://stats.bls.gov/</p>	<p>Current Population Survey National Industry-Occupation Matrix Occupational Compensation Survey Occupational Employment Statistics Survey</p>
<p>Bureau of the Census Public Information Office Washington, DC 20233 301-457-3030 http://www.census.gov/</p>	<p>Decennial Census</p>
<p>Centers for Disease Control and Prevention Centers for Disease Control and Prevention 1600 Clifton Rd., NE Atlanta, GA 30333 (404) 639-3311 http://www.cdc.gov/</p>	<p>Morbidity/mortality data</p>
<p>College and University Personnel Association 1233 20th Street NW, Suite 301 Washington, DC 20036-1250 202-429-0311, http://www.cupa.org/</p>	<p>Administrative Compensation Survey National Faculty Salary Survey (2 versions) one for private; one for public institutions</p>
<p>Commission on Graduates of Foreign Nursing Schools (CGFNS) 3600 Market Street Suite 400 Philadelphia, PA 19104 215-222-8454</p>	<p>CGFNS application data</p>
<p>Division of Nursing, BHPr, HRSA, HHS 5600 Fishers Lane, Room 9-21 Rockville, MD 20857 301-443-6315 http://www.hrsa.dhhs.gov/bhpr/dn/</p>	<p>Certified Nurse Practitioner/Certified Clinical Nurse Specialist Study National Sample Survey - RNs</p>

Resource	Surveys
<p>Health Care Financing Administration (HCFA) 7500 Security Blvd. Baltimore, MD 21244-185 410-786-1800 http://www.hcfa.gov/</p>	<p>Provider of Service Survey/File</p>
<p>National Association for Home Care (NAHC) 228 Seventh Street, SE Washington, DC 20003 (202) 547-7424 http://www.nahc.org/</p>	<p>Member Survey</p>
<p>National Association of County and City Health Officials (NACCHO) 440 First Street, NW, Suite 450 Washington, DC 20001 202-783-5550 http://www.naccho.org/</p>	<p>Profile of Local Health Departments</p>
<p>National Center for Health Statistics (NCHS) 6525 Belcrest Road Hyattsville, MD 20782 301-436-8830 http://www.cdc.gov/nchswww/nchshome.htm</p>	<p>Health Nutrition Exam Survey Home Health Care and Hospice Survey National Ambulatory Care Survey National Health Interview Survey National Health Promotion Inventory National Health Provider Inventory (NHPI) National Home and Hospice Care Survey National Nursing Home Survey (in collaboration with AHCPR): National Hospital Ambulatory Medical Care Survey</p>
<p>National Center for Education Statistics U.S. Department of Education Washington, D.C. 20202 800-872-5327 202/401-2000 http://www.nces.ed.gov/</p>	<p>Integrated Post Secondary Educational Data</p>

Resource

National Council of State Boards of Nursing (NCSBN)

676 N. St. Clair, Suite 550
Chicago, IL 60611
312-787-6555, ext 140
<http://www.ncsbn.org/>

National League for Nursing (NLN)

Center for Research in Nursing Education and
Community Health
350 Hudson Street
New York, NY 10014
800-669-9656, ext. 160
<http://www.nln.org/>

National Organization of Nurse Practitioner Faculty (NONPF)

1 DuPont Circle
Washington, DC
202-452-1405

National Science Foundation

4201 Wilson Boulevard
Arlington, Virginia 22230
703-306-1234
<http://www.nsf.gov/>

Substance Abuse & Mental Health Administration (SAMHSA)

Substance Abuse and Mental
Services Administration
5600 Fishers Lane,
Room 14C-14
Rockville, MD 20857
(301)443-6239
<http://www.samhsa.gov/>

Surveys

Annual Licensure and Examination Statistics
Job Analysis study of entry-level PN/VNs
Job Analysis study of entry-level RNs
Member Board Profiles Update Survey
NCLEX application data
Quarterly survey of newly licensed RNs and LPN/VNs
Role Delineation Study

Annual Survey of Schools of Nursing
Newly Licensed Nurse Survey - RNs
Nurse Educator Survey
Special Survey on Nurse Centers/Clinics

National Nurse Practitioner Program Survey

Science and Engineering Degrees

Health

Inventory of Mental Health Organizations

APPENDIX B. Organizational Representatives of the Interagency Conference on Nursing Statistics.

Agency	Contact
American Association of Colleges of Nursing 1 DuPont Circle, Suite 530 Washington, DC 20036	Linda Berlin Director of Information Services 202-463-6390
American Association of Critical Care Nurses 101 Columbia Auso Viego, CA 92656	Cheri Annas Research Specialist 800-394-5995
American Association of Health Plans 1129 20 th Street, NW, Suite 600 Washington, Dc 20036	Camella Bocchino Director, Data and Resource Center 202-778-8463
American Association of Nurse Anesthetists 222 S. Prospect Avenue Park Ridge IL 60068	Lorraine Jordan Director of Research 847-692-7050
American Association of Nurse Executives 325 7th Street, NW, Suite 700 Washington, DC 20004	(Position Open) 202-626-2240
American Nurses Association 600 Maryland Ave., SW Washington, DC 20024	Carol Bickford Senior Policy Fellow 202-651-7060
Bureau of Labor Statistics Office of Employment Projections 2 Massachusetts Ave., NE, Room 2135 Washington, DC 20212	Theresa Cosca Economist 202-606-5712
Division of Nursing, BHPr, HRSA, HHS 5600 Fishers Lane, Room 9-21 Rockville, MD 20857	Evelyn Moses Chief, Nursing Data and Analysis Staff 301-443-6315
National Center for Health Statistics 6525 Belcrest Road Hyattsville, MD 20782	Genevieve W. Stratham Acting Chief, Long-term Care Statistics Branch 301-436-8830
National Council of State Boards of Nursing 676 N. St. Clair, Suite 550 Chicago, IL 60611	Carolyn J. Yocom Director of Research Services 312-787-6555
National League for Nursing 350 Hudson Street New York, NY 10014	Terry Valiga Director of Research 212-645-9685