

The National Sample Survey of Registered Nurses 1988

Documentation for the General Public Use File

Bureau of Health Professions  
Health Resources and Services Administration

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## **A. Data Use Agreement**

Individual identifiers have been removed from the data file. Nevertheless, under section 308 (d) and 903 (c) of the Public Service Act (42 U.S.C. 242m and 42 U.S.C. 299 a-1), data collected by the Bureau of Health Professions (BHP), Health Resources and Services Administration (HRSA), may not be used for any purpose other than for the purpose for which it was supplied; any effort to determine the identity of any reported individual, is prohibited by Law.

Therefore, in accordance with the above Federal Statute, it is understood that:

No one is to use the data in this data set in any way except for statistical reporting and analysis; and

If the identity of any person or establishment should be discovered inadvertently, then (a) no use will be made of this knowledge, (b) The Bureau of Health Professions will be made aware of this incident, (c) the information that would identify that individual will be safeguarded or destroyed, as requested by the Bureau of Health Professions, and (d) no one else will be informed of the discovered identity.

No one will attempt to link this data set with individual identifiable records from any data sets other than the National Sample Survey of Registered Nurses (NSSRN).

By using this data you signify your agreement to comply with the above stated statutorily based requirements with the knowledge that deliberately making a false statement in any matter within the jurisdiction of any Department or agency of the Federal Government violates 18 U.S.C. 1001 and is punishable by a fine of up to \$10,000 or up to 5 years in prison.

HRSA/BHP requests that users cite HRSA/BHP and the National Sample Survey of Registered Nurses as a data source in any publications or research based upon these data.

## **B. Introduction**

This documentation describes one in a series of public use files from the National Sample Survey of Registered Nurses (NSSRN). Data from these periodic surveys provide the basis for evaluating the trends in, the availability of, and projection of future supply of nursing resources at the national and the State levels.

This is the fourth study and was conducted in March 1988. Previous studies were conducted in September 1977, November 1980, and November 1984. Subsequent surveys of the National Sample Survey of Registered Nurses were conducted in March 1992, 1996, March 2000.

### **1. Background**

The NSSRN assists the Health Resources and Services Administration (HRSA), Bureau of Health Professions (BHP), in carrying out three congressional mandates. Under Title IX, Public Law 94-63, Nurse Training Act of 1975, Section 951 requires the gathering of data that will provide national and State level estimates on the: (a) number and distribution of nurses, by type of employment and location practice, (b) number of nurses practicing full-time and part-time within the United States and within each State and the District of Columbia, (c) average rates of compensation for nurses, by type of practice and location of practice, (d) the activity status of the total number of nurses with advanced training or graduate degrees in nursing by specialty including nurse practitioners, nurse clinicians, nurse researchers, nurse educators, and nurse supervisors and administrators, and (e) number of nurses entering the United States annually from other nations. Section 806 (f) of Public Law 105-392, the Health Professions Education Partnerships Act of 1998 requires discipline workforce information and analytical activities for advanced nursing education, workforce diversity, and basic nursing education and practice. Section 792 of the PHS Act (42 USC 295k) calls for a program to collect, compile, and analyze data on health professions including nurses.

In addition to providing an integrated, in-depth picture of the total RN population to meet legislative requirements, the sample surveys are used to assess the impact of current Federal programs for nursing, and to evaluate the need for, and the nature of, future Federal interventions. The NSSRN has been viewed throughout the Department, other Departments and Agencies within the Executive branch and congressional offices and agencies as the key source of background data on RNs.

The target population for this study is all RNs with active licenses in the 50 States and the District of Columbia. The data necessary for obtaining estimates of labor market characteristics are provided by registered nurses responding to a questionnaire that was designed to capture information about the profile of the RN population and RNs in the workforce. The data are collected over an eight month period by mail, with telephone follow-up for non-respondents. The questionnaire is mailed to a probability sample of RNs selected from the target population.

The universe (sampling frame) from which the sample is drawn is acquired from each of the State Boards of Nursing, and consists of names and addresses of all RNs holding an active license to practice on March 23, 1988. Unlike other population studies, RNs may be licensed in more than one State and may appear in more than one State listing. In order to address the overlap of RNs among States, the State samples are nested. All States are arranged in priority order by size of registration giving highest priority to the States with the smaller number of RNs and the lowest priority to States with the largest number of RNs. If the RN reports having a license in more than one State, then the licensure State is set to be the “highest priority state.” The “highest priority state,” is the State with the smallest number of RNs, in which the RN is licensed.

The data collected includes responses to a questionnaire that elicits information about nursing education (section A), employment status (section B), employment status of RNs not employed in nursing (section C), (4) prior nursing employment status (section D), and (5) general information (section E) which includes both demographic and economic information about the RNs.

## **2. Survey Management**

The NSSRN data are collected and disseminated in accordance with confidentiality provisions within this act and those of the Privacy Act. Data collection for this study was conducted under contract with Research Triangle Institute, North Carolina. As soon as the data collection and editing are completed, the NSSRN is released to the public in staged releases of summary reports and data files. Public Use File (PUF) development support is provided under contract by Social and Scientific Systems, Inc., Silver Spring, Maryland.

A separate findings report is made available as a hard copy document and contains an extensive summary of the major findings from the survey, more than forty tables that are used by the community, a summary of the survey methodology and a copy of the questionnaire. Hard copy documents are made available on CD-ROM or electronic files through the HRSA Clearinghouse at 1(888)-ASK-HRSA, or can be purchased from the National Technical Information Services (NTIS) at (703) 487-4650. The mailing address is 5285 Port Royal Road, Springfield, Virginia 22161. If calling from outside the U.S., dial (410) 381-3150.

Additional information on the NSSRN is available from the HRSA/BHPr, Parklawn Building, Room 8-47, 5600 Fishers Lane, Rockville MD 20857 (301) 443-6315.

## **C. Technical and Programming Information**

This documentation describes the public use data file from the 1988 National Sample Survey of Registered Nurses (NSSRN). There are two public use files for each year of the survey. The General Public Use File contains responses to the questionnaire in the survey, some survey administration variables, an identifier for each respondent record, but no geographical information (except for State and Region of the country, or foreign country). The County Public Use File contains responses to the questionnaire in the survey, some survey administration variables, geographical information, but no identifier for each respondent record. This documentation describes the General Public Use File.

Released as an ASCII file (with related SAS programming statements), this public use file provides information collected on a nationally representative sample of registered nurses who were licensed in the United States in the months preceding the March 1988 Survey date. The 1988 survey is the fourth in a series of the NSSRN surveys. Previous surveys were conducted in 1977, 1980, and 1984.

The following documentation offers a brief overview of the types and levels of data provided, the content and structure of the files and the codebook, and programming information. It contains the following sections:

1. Data File Information
2. Survey Sample Information

### **1. Data File Information**

This public use data file contains a total of 33,272 records, one per respondent, representing a sample from an estimated 2,043,326 total licensed RN's. This sample was scientifically drawn from among all Registered Nurses who held active licenses around the end of 1987 in one or more of the fifty States and the District of Columbia. All RNs who were sampled and who responded to this study have a positive weight. 76 were sampled and were identified as being deceased or letting their license lapse, and 149 reported that they either worked or lived outside the US. The estimated total RN population residing or employed in the US in 1988 is 2,033,032. For each variable, both weighted and unweighted frequencies are provided in the Codebook.

#### **1.1 Codebook Structure**

The Codebook and data file sequence lists variables in the order of the questions asked in the questionnaire followed by a set of derived variables that are created to facilitate analysis.

The specific questionnaire sections are:

Section A: Education

Section B: Employment status

Section C: Employment status of RNs not employed in nursing

Section D: Prior nursing employment status

Section E: General information

The set of derived variables include information about the following:

Education Constructed Variables

Employment Status Constructed Variables

Demographic Constructed Variables

Survey Administration

Sample Weights and Variance Estimation

## **1.2 Reserved Codes**

The following reserve code values are used:

VALUE	DEFINITION
0 No	When used for a yes/no question, a 0 means no
1 Yes	When used for a yes/no question, a 1 means yes
-6 DECEASED	Respondent is deceased.
-8 NOT APPLICABLE	Question is not applicable. For derived variables, the value will be Not Applicable where one or more of the variables used in the algorithm are themselves Not Applicable.
-9 UNKNOWN/REFUSED	Information is either missing and otherwise unknown or else the respondent has refused to answer the question. For derived variables, the value will be Unknown/Refused where one or more of the variables used in the algorithm are themselves Unknown/Refused.

### 1.3 Codebook Format

The codebook describes an ASCII data set and provides the following programming identifiers for each variable:

IDENTIFIER	DESCRIPTION
Name	Variable name (maximum of 8 characters)
Description	Variable descriptor (maximum 40 characters)
Format	Packing specification within the field width
Type	Type of data: numeric (indicated by NUM) or character (indicated by CHAR)
Start	Beginning column position of variable in record
End	Ending column position of variable in record
Reference	Reference Appendix or page of this document where there is more information about the variable

The codebook provides both unweighted and weighted frequencies for each variable. The codebook for this User's Guide refers to appendices D through K. These appendices are data dictionaries for some of the variables in the public use file. These appendices appear at the end of this document.

### 1.4 Variable Naming

Variable names reflect the question number or the content of the variable, with an 8 character limitation. Survey variables start with a Q to denote their arising directly out of the Survey Questionnaire. Constructed variables and Survey administration variables have descriptive names. If a survey question has multiple parts, the variable names contain an underscore with the right side of the underscore containing the question part (e.g., Q13A\_A, Q13A\_B...). Geographic terms use the following naming conventions:

ST: Numeric State FIPS code  
CO: Numeric County FIPS code  
FIPS: Numeric State and County FIPS code  
MSA: Numeric MSA code  
RG: Numeric Census Division, or Region, code



## **1.5 Variable Notes**

The following descriptive notes explain the meaning of selected constructed variables whose construction is not obvious. These notes are referenced in the codebook by the page number on which they appear in this document.

Occasionally, the formulas for the constructed variables rely on information from the original questionnaire responses that is not available on the respective public use file. In such cases, the variable from the original survey is briefly described when being referenced in the notes below.

Any eligible response categories from the original questionnaire that failed to receive actual responses from those sampled in the Survey were not included in the entries of the Codebook. Such a category removal in no way changes the statistical distributions shown in the Codebook.

The records available for reference in preparing this documentation did not include enumeration of the specific formulae and equations for 1988 recoded variables. Thus, it was not possible to document all of the relationships among the categories of the recoded variables. However, it is believed that the 1988 recoded variables were generally similar to the derivations and transformation equations used in 1996. Known exceptions to this pattern of being similar in 1988 and 1996 were integrated, as appropriate, in the definitions below. These exceptions were mainly in the enumeration of position and setting categories and recodes based on those rely on position and setting responses to the Survey.

### **1.5.1 Education Constructed Variables**

These derived variables are based on responses to one or more education questions. These are summaries on

- basic nursing education preparation,
- highest level of education achieved,
- years since graduation,
- geographic state and region of basic nursing education

#### **Years since Graduation from Basic Nursing Program (YR\_SINCE)**

YR\_SINCE identifies the number of years between graduation and the year of the survey (1988). It is derived from Q1B\_YR, year in which the respondent graduated from the basic nursing education program.

### **Years Since Graduation – Grouped (YRSNC\_GP)**

YRSNC\_GP groups YR\_SINCE into five groups, defined as follows:

- less than 5 years,
- 5-9 years,
- 10-14 years, and
- 15 years and over.

### **Age at Basic Nursing Program Graduation (AGE\_GRAD)**

AGE\_GRAD is the age of the RN at the time of graduation from the basic nursing education program. It is calculated as the difference between the year of graduation (Q1B\_YR) and the year of birth (Q25).

### **Year of Graduation from Basic Nursing Program -- Grouped (GRAD\_YR)**

GRAD\_YR groups Q1B\_YR into eight intervals, defined as follows:

- before 1955,
- 1955 to 1959,
- 1960 to 1964,
- 1965 to 1969,
- 1970 to 1974,
- 1975 to 1979, and
- since 1979.

### **Summary of Highest Nursing Educational Preparation (PREPSUM)**

PREPSUM summarizes the RN's highest level of education into four generic groups regardless of whether the highest educational degree is nursing or nursing related. It is derived from the respondent's responses to Q1A, Q4A, and Q4B. The respondent's basic nursing educational preparation is captured in Q1A. For respondents that have earned additional degrees (Q4A=1), the highest degree is captured in Q4B\_i1 to Q4B\_i8. All responses to either master's or doctorate education are regrouped into one combined level that covers both degrees.

### **Primary Focus of Highest Education at the Graduate Education Level (PRIMFOCS)**

PRIMFOCS is the primary focus of the RN's highest education at the graduate level, i.e., Masters or Doctorate degree which is found in Q4B\_i5 to Q4B\_i8. Choices include clinical practice, as well others not solely identified with nursing.

### **Age Received Highest Nursing Related Educational Preparation (AGE\_HIGH)**

AGE\_HIGH denotes the respondent's age at the time of receiving the highest degree from nursing-related education. It is determined from responses to Q1A, Q1B\_YR, Q4A, Q4B, and Q25. The year in which respondents received their basic nursing educational preparation is captured in Q1B\_YR. For respondents that have earned additional degrees (Q4A=1), the year in which the highest degree was received is captured in Q4B\_iiiY1 to Q4B\_iiiY8. AGE\_HIGH was determined by adding 1900 to the award year of highest education among the responses to Q1B\_YR and Q4b\_iiiY1 to Q4b\_iiiY8 (where Q4A=1 is indicated for additional educational preparation), then subtracting the response to Q25, year of birth, from this year of highest educational preparation.

### **Years Between Basic and Highest Nursing Related Educational Preparation (YR\_BA\_HI)**

YR\_BA\_HI is the number of years between the respondent's basic nursing educational preparation and highest nursing related educational preparation. Actual years between basic and highest education were determined by subtracting AGE\_GRAD from AGE\_HIGH.

### **State of Graduation versus Place of Employment/Residence (GD\_GEOST)**

GD\_GEOST compares the state in which the RN initially received basic RN education (Q1C) to the State in which the RN is located on 3/23/1988, as denoted in G\_ST88. Where the states are the same, a value of 1 is coded. Where the States are different (though both Q1C and G\_ST88 have values between 1 and 56), a value of 2 is coded. Where the RN originally received basic RN education outside the U.S. (where Q1C is of a value greater than 56) or is currently living outside the U.S. (where G\_ST88 is 0), a value of 3 is coded.

### **Graduated from a U.S. or Foreign Basic Nursing Program (GRAD\_WHR)**

GRAD\_WHR indicates whether the location of the basic education program that the nurse graduated from was a U.S. school or in a location outside of the U.S. It is tabulated from responses to Q1C.

### **Region Received Basic Nursing Education (REG\_B\_ED)**

REG\_B\_ED is the geocode for the Census Division (Region) where the respondent received basic nursing education. It is tabulated from responses to Q1C. The list of nine established Region codes is shown in Appendix F. Where the location is outside of the United States (Q1C>56), REG\_B\_ED is coded as a 10. Education received in U.S. Territories/Possessions is considered to be outside of the U.S.

### **1.5.2 Employment Status Constructed Variables**

These variables are constructed from responses to the employment section of the questionnaire. These variables summarize information about:

- employment status,
- employment setting,
- scheduled hours per year,
- position and dominant function,
- geographic region and state of employment, and
- changes in employment between 1987 and 1988.

#### **Detailed Employment Status (EMP\_STAT)**

EMP\_STAT summarizes the nurse's current employment status as of 3/23/88, using responses to Q9A, Q15 and Q21 to generate seven categories. These categories are as follows:

- full time in nursing,
- part time in nursing,
- full time not in nursing,
- part time not in nursing,
- unknown status for those employed in nursing,
- unknown status for those not employed in nursing, and
- those not employed at all.

For those employed in nursing, this variable combines Q9A (current employment status in nursing) and Q15 (full-time/part-time employment status). For those not employed in nursing or not employed at all, this variable combines Q9A, Q21A (employment in another occupation) and Q21B (full-time/part-time employment status in another occupation).

#### **Employment Status in 1988 (EMPL\_88)**

EMPL\_88 indicates the RN employment status in nursing as of 03/23/1988. It is a combination of responses to Q9A (current employment status in nursing) and Q15 (full-time/part-time employment status). Those not employed in nursing are coded as EMPL\_88=4.

#### **Employment Status in 1987 (EMPL\_87)**

EMPL\_87 indicates the RN employment status in nursing as of 03/23/1987. It is a combination of responses to Q23A (employment status in nursing one year ago) and Q23B (full-time/part-time employment status a year ago). Those not employed in nursing are coded as EMPL\_87=4.

### **Employment Status in 1988 in Comparison to 1987 (EMP88\_87)**

EMP88\_87 compares the respondent's employment status in nursing on 03/23/1988 (EMPL\_88) to the employment status in nursing on 03/23/1987 (EMPL\_87). It reflects changes in full time and part time status as well as any overall changes with the employment in nursing. Nine categories are defined as follows:

- full time employment in nursing in both years,
- full time employment in nursing in 1988 and part time employment in nursing in 1987,
- full time employment in nursing in 1988 and not employed in nursing in 1987,
- part time employment in nursing in 1988 and full time employment in nursing in 1987,
- part time employment in nursing in both 1987 and 1988,
- part time employment in nursing in 1988 and not employed in nursing in 1987,
- not employed in nursing in 1988 and full time employment in nursing in 1987,
- not employed in nursing in 1988 but part time employment in nursing in 1987, and
- not employed in nursing in both 1987 and 1988.

### **Employment through Temporary Employment Service (EMPL\_TES)**

EMPL\_TES captures whether a respondent employed in nursing (Q9A=1) is employed by a temporary employment service in their principal or secondary nursing position. Each employed respondent is asked about their principal nursing position in Q10 and secondary nursing position in Q19. The recoded variable separately categorizes the primary and secondary employment of the RN into four circumstances, as follows:

- having temporary employment service as only their primary employment in nursing,
- having temporary employment service as only their secondary employment in nursing,
- having temporary employment services for both primary and secondary employment in nursing, and
- not having any nursing employment through a temporary employment service.

### **1988 Employment Setting Summary (FLD\_EMPL)**

Q10 identifies the principal health care setting for their primary nursing position of RN's employed in nursing as of March 23, 1988. FLD\_EMPL collapses the 51 detailed categories of Q10 into 10 categories. For each respective FLD\_EMPL category, the original Q10 values aggregated for that value of FLD\_EMPL are also shown below:

- hospital = 110 to 150,
- nursing home/extended care = 210 to 245,
- nursing education = 310 to 350,
- public health or community health = 400 to 493,
- student health = 510 to 540,
- occupational health = 610 to 630,
- ambulatory care owned or not owned by RN = 710 to 791,
- private duty = 810,
- self-employment = 820 to 840, and
- other miscellaneous setting = 910 to 973.

### **Position Title – Grouped (POSITION)**

All respondents who indicated that they were employed in nursing were asked in Q12 to select the position title that was most-closely related to the position title for their principal nursing position. POSITION collapses the 30 response categories in Q12 into 13 categories. For each respective POSITION category, the original Q12 values aggregated for that value of POSITION are shown below:

- administrator or assistant administrator = 1, 6, or 7,
- consultant = 5,
- supervisor = 23,
- instructor = 10, 11, and 18,
- head of nursing or assistant head of nursing = 9,
- staff or general duty nurse = 3, 18, 19, 21, 22, and 24,
- nurse practitioner or nurse midwife = 14 and 15,
- clinical nurse specialist = 4,
- nurse clinician = 12,
- certified nurse anesthetist = 2,
- researcher = 20,
- private duty nurse = 17,
- other = 13, 16, 25, 26, 27, 28, 29, and 30.

### **Weeks That RN is Seeking a Nursing Position (SEEKTIME)**

SEEKTIME is based on the responses of RN's who were not working in nursing and were seeking a position in nursing. SEEKTIME summarizes responses to Q22B (how many weeks they have been seeking nursing employment) into 10 time periods, as follows:

- <1 week,
- 1 week,
- 2 weeks,
- 3 weeks,
- 4 weeks,
- 5-9 weeks,
- 10-14 weeks,
- 15-34 weeks,
- 35-52 weeks, and
- >= 53 weeks.

### **Region of Employment (REG\_EMPL)**

REG\_EMPL is the geocode for the Census Division (Region) for the respondent's principal nursing position as of 3/23/1988. It is tabulated from the responses to Q9B\_ST. The list of nine established Region codes is shown in Appendix F. Where the location is outside of the United States (Q9B\_ST>56), REG\_EMPL is coded as 10. Residence and employment in U.S. Territories/Possessions is considered to be outside of the U.S.

### **Dominant Function in Principal Nursing Position (DOMFUNCT)**

DOMFUNCT uses responses to Q13A to identify the function which occupies more than 50% of time in the RN's principal nursing position during a usual work week. If no function covers more than 50% of time, DOMFUNCT is coded as '8', for 'No Dominant Function'.

- Administration
- Consultation with agency
- Direct patient care
- Research
- Supervision
- Teaching in nursing/health care occupation
- Other

### **Years Since Last Worked for Pay as an RN (LST\_WRKD)**

RN's who report not being employed in nursing at the time of the survey were asked to report the number of years since they have worked for pay as an RN (Q20\_YR). The variable LST\_WRKD groups the response to Q20 into seven categories, as follows:

- <1 year,
- 1-4 years,
- 5-9 years,
- 10-19 years,
- 20-29 years,
- >= 30 years, and
- never worked as a nurse.

### **State RN Obtained First License versus Place of Employment/Residence for 1988 (LI\_RESST)**

LI\_RESST indicates if the RN is employed in the State in which they obtained their first license to practice (i.e., where G\_ST88 = Q32B). Q32B is the State in which the respondent was first licensed; G\_ST88 is the State of employment in nursing as of March 23, 1988 if the registered nurse is employed in nursing (Q9A=1), or the place of residence if the nurse reports not being employed in nursing (Q9A=0).

### **1.5.3 Demographic Information**

The demographic constructed variables include age, race/ethnicity, marital status, and geographic state and region of employment and/or residence (for 1988 and 1987). Age is computed using year of birth. Marital status and children are constructed variables that combine responses to two questions: marital status and the number of children.

#### **Age of Nurse in 1988 (AGE)**

AGE was determined by subtracting the year of birth (Q25) from the year of the survey minus one.



### **Age of Nurses – Grouped (AGE\_GP)**

AGE\_GP is a derived variable that aggregates AGE into 10 categories defined, as follows:

- <25 years,
- 25-29 years,
- 30-34 years,
- 35-39 years,
- 40-44 years,
- 45-49 years,
- 50-54 years,
- 55-59 years,
- 60-64 years, and
- >= 65 years.

### **Marital Status and Children (MAR\_CHLD)**

MAR\_CHLD combines information from Q27 on marital status with Q28 on whether children are at home.

The 11 categories of MAR\_CHLD are as follows:

- married with children under 6,
- married with children over 6,
- married with children both under and over 6,
- married with no children at home,
- married but the number of children at home is unknown,
- widowed/separated/divorced with children under 6,
- widowed/separated/divorced with children over 6,
- widowed/separated/divorced with children both under and over 6,
- widowed/separated/divorced with no children at home,
- widowed/separated/divorced but the number of children at home is unknown, and
- never married.

The never married category covers all RN's who were never married, regardless of the presence of children at home.

### **Race/Ethnic Background (RACE\_GP)**

RACE\_GP summarizes racial/ethnic background (Q26) into two groups,

- white, and
- other.

### **Geocode for State on 3/23/1988 (G\_ST88)**

G\_ST88 is the numeric FIPS state code that identifies, as follows below, the State where the RN is employed in nursing, or the place of residence if the RN is not employed in nursing, on 3/23/1988:

- when employed in nursing (Q9A=1) on 3/23/1988 = the State of employment of the principal nursing position (Q9B\_ST), or
- when not employed in nursing (Q9A=0) on 3/23/1988 = the State of residence (Q30\_ST) where the RN was living on 3/23/1988.

The list of States and their respective FIPS codes are shown in Appendix D. When the location is outside of the U.S., G\_ST88 is 0. Residence and employment in U.S. Territories or Possessions is considered to be outside of the U.S.

### **Geocode for State on 3/23/1987 (G\_ST87)**

G\_ST87 is the numeric FIPS state code that identifies, as follows below, the State where the RN was employed in nursing, or otherwise lived, on 3/23/1987:

- when actively employed in nursing (Q23A=1) on 3/23/1987 = the State where the RN was employed in their principal nursing position (Q23C\_ST), or
- when not employed in nursing on 3/23/1987 or the nursing employment status is unknown, (Q23A=0 or -9) = the State of residence (Q31B\_ST) where the RN was living.

The list of States and their respective FIPS codes are shown in Appendix D. When the location was outside of the U.S., the convention is to code G\_ST87 is 0. Residence and employment in U.S. Territories/Possessions is considered to be outside of the U.S.

### **Geocode for Census Division (Region) on 3/23/1988 (G\_RG88)**

G\_RG88 is the geocode for the Census Division (region) where the RN primarily worked or lived on 3/23/1988. The list of nine established Region codes is shown in Appendix F. G\_RG88 is based on the State geocode, G\_ST88.

- when employed in nursing (Q9A=1) on 3/23/1988 = the Census Division where the RN was employed in the principal nursing position, or
- when not employed in nursing (Q9A=0) on 3/23/1988 = the Census Division of residence.

When the location is outside of the U.S. (G\_ST88=0), G\_RG88 is coded as 10. Residence and employment in U.S. Territories/Possessions is considered to be outside of the U.S.

### **Geocode for Census Division (Region) on 3/23/1987 (G\_RG87)**

G\_RG87 is the geocode for the Census Division (region) where the RN primarily worked or lived on 3/23/1987. The list of nine established Region codes is shown in Appendix F. G\_RG88 is based on the State geocode, G\_ST87.

- when employed in nursing (Q23A=1) on 3/23/1987 = the Census Division where the RN was employed in the principal nursing position, or
- when not employed in nursing (Q23A=0) on 3/23/1987= the Census Division of residence.

When the location was out of the U.S. (G\_ST87=0), G\_RG87 is coded as a 10.

Residence and employment in U.S. Territories/Possessions is considered to be outside of the U.S.

### **Metropolitan Statistical Area (MSA) Geocode Status for 1988 (G\_MSA\_88)**

G\_MSA\_88 is the summary descriptor of the RN's metropolitan area status on 3/23/1988, as follows:

- when not located in an MSA on 3/23/1988 = 1,
- when the address on 3/23/1988 is located in an MSA, with GMSA\_88 valued between 1 and 9996 = 2, or
- when outside of the U.S. on 3/23/1988 = 3.

See the County Public Use File documentation and Appendix G for the full detailed list of MSA codes which are to be used in conjunction with variable G\_MSA88 of the County Public Use File.

### **County of Residence the same in 1987 and 1988 (RES\_SAME)**

RES\_SAME summarizes the comparison between the responses to the RN's County of residence on March 23, 1988 (Q30\_CO), and the RN's State of residence on March 23, 1987 (Q31B\_CO), as follows:

- the RN resides in the same county = 1,
- the RN resides in a different county = 2, or
- the RN lived outside the US in either 1987 or 1988 = 3.

### **Region of Residence 1988 (REG\_RESI)**

REG\_RESI is the geocode for the RN's Region of residence as of 3/23/1988. It is tabulated from the Survey responses to Q30\_ST (place of residence). The list of nine established Census Division, Region codes is shown in Appendix F. When the location is outside of the United States (Q30\_ST=0), REG\_RESI is coded as 10. Residence in U.S. Territories/Possessions is considered to be outside of the U.S.

## **1.5.4 Survey Administration**

The survey administration variable information contains information related to the sample selection and the mode of data collection.

## **RN Working/ Living in US on 3/23/1988 (RN\_POP)**

RN\_POP summarizes whether the RN was working or living in the United States at the time of the survey on 3/23/1988. The RN\_POP categories are as follows:

- working or living outside the United States on 3/23/1988 = 1. (See G\_ST88 for discussion of how working or living outside the United States is derived). Residence and employment in U.S. Territories/Possessions is considered to be outside of the U.S.,
- working or living within the United States = 2, or
- not being alive at the time of the survey (DEATH=1) or no being longer eligible as a licensed RN at the time of the survey date of 3/23/1988 (ELIGFLAG=0) = 3.

### **1.5.5 Sample Weights and Variance Estimation**

The use of sample weights permits the derivation of national and State level estimates of the registered nurse population and subgroups of this population based on sample data. A single full sample weight (WEIGHT) for each RN is provided for the public use file. In addition, 20 replicate weights are provided for variance estimation.

#### **Basic Weight for the Whole Sample (WEIGHT)**

An RN level full sample weight (WEIGHT) was created for responding RNs who are eligible to be included in the sample. A weight was assigned to each eligible registered nurse, who held an active license. This weight reflects the original probability of selection of the RN, ratio adjusted for non-participation (nonresponse), multiple license assignment, and age. Overall, the registered nurse population living or working in 1988 in the U.S. was 2,033,032.

#### **Variance Estimation**

To obtain estimates of variability such as standard errors or corresponding confidence intervals, for estimates based on the NSSRN data, one needs to take into account the complex survey design of the NSSRN. Various approaches could be used to generate such estimates including the Taylor series approximation, the balanced repeated replications or the jackknife. For the NSSRN, it was determined that jackknife replication is the best method for estimating the variability.

#### **Weight for Replicate Samples (WEIGHT01 – WEIGHT20)**

When data are collected as part of a complex survey, there is often no easy way to produce approximate unbiased design consistent estimates of variance analytically. The variance of survey statistics from SAS and SPSS are inappropriate and generally too small. A technique called jackknife replication method is used for estimating variances from the NSSRN.

The basic idea is to select subsamples repeatedly from the whole sample, calculate the

sampling weights for each of these subsamples (WEIGHT01 – WEIGHT20), calculate the statistic of interest for each of the subsamples, and then use the variability among these subsamples (replicates) to estimate the variance for the full sample.

## Description of How to Calculate Variances

The National Survey of Registered Nurses uses a jackknife replication method for variance estimation. The specific design for this study has 20 replicates (from 20 pairs of alpha-segments (PSU's)) and thus 20 degrees of freedom. In the jackknife replication method, multiple replicates are constructed from a subset of the data, and the variance of the estimate is calculated as the variance across all the replicates. In the case of the NSSRN, 20 replicates are created by pairing the 40 PSU's into 20 pairs, and dropping one PSU from each pair systematically. A few computer programs will correctly estimate variances with this design, including SUDAAN (version 8) and WesVar. SUDAAN calculates the variances in a manner nearly identical to the SAS macro used in the creation of the tables in Appendix B of the *The Registered Nurse Population, Findings from the NSSRN, March 1988*. However, SUDAAN provides for an adjustment factor that corrects for the additional variation caused by the replicate weights that is not present in the full sample. This adjustment, equal to the number of PSU's in each replicate divided by the total number of replicates ( $39/40 = 0.975$ ) reduces the variance estimates by about 1.25%, and is specified on the ADJJACK option of the JACKWGTS statement.

## SUDAAN Version 8 Example for 1988 National Survey of Registered Nurses

Below we provide an example using SAS Callable SUDAAN Version 8. Users of standalone SUDAAN will need to modify certain pieces of the code as appropriate:

```
proc crosstab DATA=work.RN88DATA FILETYPE=SAS DESIGN=JACKKNIFE;
  WEIGHT      weight;
  jackwgts    weight01-weight20 /adjjack=0.975;
  rtitle      "1988 National Nursing Survey";
  rtitle      "Table B-2, Jackknife Replicate Estimates";
  rtitle      "Using (40-1) / 40 = 0.975 as the ADJJACK Factor";
  subpopn     rn_pop = 2;
  subgroup    PREPSUM;
  levels      6;
  rformat     prepsum prepsum.;
  print       nsum wsum sewgt rowper serow
              / nsumfmt=f6.0 wsumfmt=f9.0 sewgtfmt=f9.0
              rowperfmt=f8.2 serowfmt=f9.5;
run;
```

Users are cautioned that the data as provided on the Public Use File may not be in suitable categories with regard to SUDAAN. In particular, for categorical variables, negative and zero values are not allowed, and the categories must go from 1 to k, with k being the number of levels. See the SUDAAN Version 8 User's Manual for more details.

Results for this example are as follows:

Variance Estimation Method: Replicate Weight Jackknife  
 For Subpopulation: RN\_POP = 2  
 1988 National Nursing Survey, Table B-2, Jackknife Replicate Estimates  
 Using  $(40-1) / 40 = 0.975$  as the ADJJACK Factor  
 by: HIGHEST NURSING EDUCATIONAL PREP-SUMMARY.

HIGHEST NURSING EDUCATIONAL PREP - SUM	Sample Size	Weighted Size	SE Weighted	Row Percent	SE Row Percent
Total	33047	2033032	5540	100.00	0.00000
DIPLOMA	12940	821201	7451	40.39	0.37714
ASSOCIATE DEGREE	8635	511763	9122	25.17	0.40779
BACCALAUREATE	9283	556966	7126	27.40	0.35416
MASTERS	1920	124981	3655	6.15	0.18505
DOCTORATE	90	5416	675	0.27	0.03339
UNKNOWN/REFUSED	179	12705	1403	0.62	0.06903

As mentioned above, SUDAAN with the ADJJACK is more efficient (lower variance) than the SAS macro used to prepare the report *The Registered Nurse Population, Findings from the NSSRN, March 1988*. A comparison using the estimates from tables B-2 and B-3 of this report indicates an improvement of about 1.25% in the variances (standard errors). Tables 1 and 2 below show the direct comparison.

# Tables of standard errors from the 1988 NSSRN

Table 1

Description	Estimated Number	Standard Error of Estimated Number Factor=1 *	Standard Error of Estimated Number Factor=0.975 *	Estimated Percent	Standard Error of Estimated Percent Factor=1*	Standard Error of Estimated Number Factor=0.975*
<b>Basic Nursing Education</b>						
Diploma	989,941	7,512	7,417	48.69	0.40	0.39
Associate degree	576,167	9,809	9,685	28.34	0.43	0.43
Baccalureate degree	451,985	6,352	6,272	22.23	0.32	0.32
Master's degree	1,804	335	330	0.09	0.02	0.02
Doctorate (n.d.)	114	114	113	0.01	0.01	0.01
Unknown/Refused	13,021	1,401	1,384	0.64	0.07	0.07
<b>Employed in Nursing</b>						
Yes	1,627,035	10,313	10,183	80.03	0.41	0.41
No	405,997	8,171	8,068	19.97	0.41	0.41
<b>Racial / Ethnic Background</b>						
Hispanic	26,163	4,273	4,219	1.29	0.21	0.21
American indian/alaskan	8,358	1,194	1,179	0.41	0.06	0.06
Asian/pacific islander	46,691	10,993	10,855	2.30	0.54	0.53
Black/not hispanic	73,647	7,938	7,838	3.62	0.39	0.38
White/not hispanic	1,864,157	14,102	13,925	91.69	0.73	0.72
Unknown/refused	14,016	1,092	1,078	0.69	0.05	0.05
<b>Employment Status</b>						
Employed in Nursing Full time	1,099,576	12,424	12,267	54.09	0.53	0.52
Employed in Nursing Part time	526,489	5,444	5,376	25.90	0.30	0.29
Employed in Nursing FT/PT UK	970	280	276	0.05	0.01	0.01
Not employed in Nursing	405,997	8,171	8,068	19.97	0.41	0.41
<b>Employment Setting</b>						
Hospital	1,104,978	11,852	11,703	67.91	0.44	0.43
Nursing home ext care	107,805	3,280	3,238	6.63	0.19	0.19
Nursing education	30,005	1,711	1,689	1.84	0.10	0.10
Pub health Com health	110,886	3,047	3,008	6.82	0.20	0.20
Student health	47,792	2,824	2,788	2.94	0.17	0.17
Occupat health	21,857	1,657	1,636	1.34	0.10	0.10
Ambulatory care	125,813	2,804	2,769	7.73	0.19	0.19
Private Duty	19,988	1,290	1,274	1.23	0.08	0.08
Self Employment	13,203	833	822	0.81	0.05	0.05
Other	43,321	2,288	2,260	2.66	0.14	0.14
Unknown/refused	1,386	395	390	0.09	0.02	0.02
<b>Type of Position</b>						
Administrator or Asst Administrator	98,383	2,359	2,330	6.05	0.14	0.14
Consultant	17,625	1,233	1,217	1.08	0.08	0.08
Supervisor	91,538	3,706	3,660	5.63	0.22	0.22
Instructor	62,558	2,738	2,704	3.84	0.17	0.17
Head Nurse or Assistant	85,911	2,573	2,541	5.28	0.15	0.15
Staff or Gen. Duty	1,087,878	9,969	9,844	66.86	0.40	0.39
Practitioner/Midwife	23,536	1,447	1,428	1.45	0.09	0.09
Clinical Specialist	28,975	1,732	1,710	1.78	0.11	0.11
Nurse Clinician	17,628	1,198	1,183	1.08	0.07	0.07
Certified Nurse Anesthetist	16,831	1,279	1,263	1.03	0.08	0.08
Research	4,783	771	762	0.29	0.05	0.05
Private Duty	19,988	1,290	1,274	1.23	0.08	0.08
Other	65,031	2,185	2,158	4.00	0.13	0.13
Unknown/refused	6,369	983	971	0.39	0.06	0.06
<b>Highest Nursing Education</b>						
Diploma	821,201	7,546	7,451	40.39	0.38	0.38
Associate degree	511,763	9,238	9,122	25.17	0.41	0.41
Baccalaureate	556,966	7,217	7,126	27.40	0.36	0.35
Masters	124,981	3,702	3,655	6.15	0.19	0.19
Doctorate	5,416	683	675	0.27	0.03	0.03
Unknown/Refused	12,705	1,421	1,403	0.62	0.07	0.07

\* There is a 1.258 Percent difference in the standard error between using a factor of 1 and using a factor of 0.975. (numbers in the table are rounded so that percent differences may not appear to be exact).

**Table 1 (continued)**

Description	Estimated Number	Standard Error of Estimated Number Factor=1 *	Standard Error of Estimated Number Factor=0.975 *	Estimated Percent	Standard Error of Estimated Percent Factor=1*	Standard Error of Estimated Number Factor=0.975*
<b>Age of Nurses</b>						
Less than 25 Years of Age	78,556	2,694	2,660	3.86	0.13	0.13
25 to 29 Years of Age	237,578	6,307	6,228	11.69	0.31	0.31
30 to 34 Years of Age	368,982	6,261	6,183	18.15	0.30	0.29
35 to 39 Years of Age	332,159	5,375	5,307	16.34	0.26	0.26
40 to 44 Years of Age	267,578	4,335	4,281	13.16	0.21	0.21
45 to 49 Years of Age	212,846	3,876	3,827	10.47	0.19	0.18
50 to 54 Years of Age	173,828	2,754	2,719	8.55	0.14	0.13
55 to 59 Years of Age	140,190	4,503	4,446	6.90	0.22	0.22
60 to 64 Years of Age	109,019	3,218	3,178	5.36	0.16	0.16
65 to More Years of Age	101,064	3,115	3,076	4.97	0.15	0.15
Unknown/Refused	11,232	1,325	1,308	0.55	0.07	0.06
<b>Mean Salary</b>	28,383	102	100			

\* There is a 1.258 Percent difference in the standard error between using a factor of 1 and using a factor of 0.975. (numbers in the table are rounded so that percent differences may not appear to be exact).



**Table 2**

<b>State</b>	<b>1988 Estimated State Nurse Population</b>	<b>Standard Error Factor=1*</b>	<b>Coefficient of Variation (in Percent) Factor=1*</b>	<b>Standard Error Factor=0.975*</b>	<b>Coefficient of Variation (in Percent) Factor=0.975*</b>
United States	2,033,032	5,611	0.28	5,540	0.27
Alabama	26,763	363	1.35	358	1.34
Alaska	4,243	209	4.92	206	4.86
Arizona	29,860	297	1.00	294	0.98
Arkansas	14,394	282	1.96	278	1.93
California	191,947	1,217	0.63	1,202	0.63
Colorado	28,917	418	1.45	413	1.43
Connecticut	39,550	789	1.99	779	1.97
Delaware	6,860	408	5.94	402	5.87
District of Columbia	10,928	506	4.63	499	4.57
Florida	102,470	1,360	1.33	1,343	1.31
Georgia	41,873	703	1.68	694	1.66
Hawaii	7,024	303	4.31	299	4.26
Idaho	6,329	302	4.77	298	4.71
Illinois	104,697	1,596	1.52	1,576	1.51
Indiana	43,203	734	1.70	724	1.68
Iowa	27,472	381	1.39	376	1.37
Kansas	20,247	388	1.92	384	1.89
Kentucky	23,279	556	2.39	549	2.36
Louisiana	23,625	397	1.68	392	1.66
Maine	12,318	286	2.32	282	2.29
Maryland	41,182	872	2.12	861	2.09
Massachusetts	87,694	1,352	1.54	1,335	1.52
United States	79,330	864	1.09	853	1.08
Minnesota	40,116	409	1.02	404	1.01
Mississippi	14,252	365	2.56	360	2.53
Missouri	45,102	598	1.33	590	1.31
Montana	6,748	140	2.07	138	2.04
Nebraska	13,536	263	1.94	260	1.92
Nevada	7,677	547	7.12	540	7.03
New Hampshire	13,525	504	3.73	498	3.68
New Jersey	73,321	1,331	1.82	1,314	1.79
New Mexico	9,180	391	4.26	386	4.21
New York	178,912	2,012	1.12	1,987	1.11
North Carolina	47,647	899	1.89	887	1.86
North Dakota	6,752	188	2.78	185	2.75
Ohio	97,258	888	0.91	877	0.90
Oklahoma	18,851	460	2.44	455	2.41
Oregon	23,477	428	1.82	422	1.80
Pennsylvania	131,357	1,633	1.24	1,612	1.23
Rhode Island	11,156	302	2.71	298	2.68
South Carolina	19,249	527	2.74	520	2.70
South Dakota	6,397	180	2.82	178	2.78
Tennessee	33,631	397	1.18	392	1.17
Texas	100,874	1,369	1.36	1,352	1.34
Utah	9,294	311	3.34	307	3.30
Vermont	5,837	280	4.80	277	4.74
Virginia	45,865	966	2.11	954	2.08
Washington	40,671	693	1.70	684	1.68
West Virginia	13,705	437	3.19	432	3.15
Wisconsin	41,402	702	1.70	693	1.67
Wyoming	3,031	112	3.71	111	3.66

\* There is a 1.258 Percent difference in the standard error between using a factor of 1 and using a factor of 0.975. (numbers in the table are rounded so that percent differences may not appear to be exact).

## **2. Survey Sample Information**

### **2.1 Sample Design and Response Rates**

The respondent universe for the National Sample Survey of Registered Nurses 1988 (NSSRN) includes all RNs holding at least one current active license from one of the 50 States or the District of Columbia at the time of sample selection. For each State, a file or files containing a complete list of all currently licensed RNs was used as the source of the sample (the sampling frame). This survey's design follows that of the other six surveys. The State agencies responsible for licensing are very familiar with the process and securing cooperation was a straightforward procedure.

Each State's current RN licenses were considered a stratum for sample selection. Different sampling rates were set for each State based on considerations of the statistical precision of the estimates and the costs involved. There were about 2.3 million licenses issued to RNs at that time and about 42,371 selected to be part of the 1988 sample. The 1988 survey estimated that there were about 1.6 million individuals with licenses in the United States who were employed in nursing.

The NSSRN is designed to produce estimates at the national and state level for the active licensed registered nurse as of March 23, 1988. It is a cross-sectional survey conducted once every four years. For details about the sample design, see Appendix B of this User's Guide. The response rate for the 1988 NSSRN was 80.7%.

## **D. Codebook**

National Sample Survey of Registered Nurses 1988  
General Public Use File  
Introduction

This codebook describes the National Sample Survey of Registered Nurses general public use file for 1988, RN88Publ.TXT. The file, which is distributed in ASCII format, contains 140 variables and 33,272 nurse-level records. The unique record identifier and sort key is the variable ID. In addition to this introduction, the codebook consists of three parts, an alphabetical listing of the variables, a positional listing of the variables, and the main portion of the codebook containing unweighted and weighted counts, and descriptive information on a variable-by-variable basis.

Codebook Order

The variables included on the file are ordered based on the questions appearing in the survey instrument, with some non-questionnaire related variables appearing at the end. The variables appear in the codebook in the following order:

Section A: Education  
Section B: Employment status  
Section C: Employment status of RNs not employed in nursing  
Section D: Prior nursing employment status  
Section E: General information

The set of derived variables include information about the following:

Education Constructed Variables  
Employment Status Constructed Variables  
Demographic Information  
Survey Administration  
Sample Weights and Variance Estimation

Variable Listings

The codebook contains lists of the variables on the file in alphabetical and positional order. Each list includes the start and end column position, variable name, and a brief description or label for the variable. This description is limited to 40 characters. The same 40 character descriptions are also provided in the LABEL statement section of the SAS user file provided with the public use file.

## Main Codebook

The main portion of the codebook follows the alphabetical and positional listings. Unweighted and weighted counts for each variable are displayed. The counts and percentages for each variable are arranged such that missing data (e.g. -9: Unknown/Refused, -8: Inapplicable) appears first, followed by valid data. If a variable is a continuous or semi continuous variable (like a year or a percentage), then the values are detailed as a range of values (for example, for the variable Q18, 1-\$90,000 means that the actual data values are between 1 and 90,000). In addition, a number of informational fields about each variable are included to assist the user in working with the data. These include:

Name	Variable name (maximum of 8 characters)
Description	Variable descriptor (maximum 40 characters)
Format	Number of bytes
Type	Type of data: numeric (indicated by NUM) or character (indicated by CHAR)
Start	Beginning column position of variable in record
End	Ending column position of variable in record
Reference	Reference Appendix or page of the User's Guide where there is more information about the variable

Additional information on variable construction and editing, as well as specific information on selected variables is included in Section C of the User Guide.

National Sample Survey of Registered Nurses 1988  
General Public-Use File

DATE: \_\_\_\_\_ July 24, 2002

ALPHABETICAL AND POSITIONAL LISTING OF VARIABLES

-----ALPHABETICAL LISTING OF VARIABLES-----

START	END	NAME	DESCRIPTION
238	239	AGE	AGE OF NURSE IN 1988
240	241	AGE_GP	AGE OF NURSES--GROUPED
196	197	AGE_GRAD	AGE AT BASIC GRADUATION
202	203	AGE_HIGH	AGE AT HIGHEST NURSING-RELATED EDUCATION
232	233	DOMFUNCT	DOMINANT FUNCTION
220	221	EMP88_87	EMP IN NURSING IN 1988 COMPARED TO 1987
218	219	EMPL_87	EMPLOYMENT STATUS IN 1987
216	217	EMPL_88	EMPLOYMENT STATUS IN 1988
222	223	EMPL_TES	USE OF TEMPORARY EMPLOYMENT SERVICE
214	215	EMP_STAT	EMPLOYMENT STATUS IN 1988 - DETAILED
224	225	FLD_EMPL	FIELD OF EMPLOYMENT GROUPED
208	209	GD_GEOST	STATE OF GRADUATION VS CURRENT GEOSTATE
210	211	GRAD_WHR	GRADUATED FROM U.S. OR FOREIGN PROGRAM
198	199	GRAD_YR	YEAR OF GRADUATION--GROUPED
254	255	G_MSA_88	MSA GEOCODE STATUS FOR 1988
252	253	G_RG87	GEOCODE FOR REGION ON 3/23/87
250	251	G_RG88	GEOCODE FOR REGION ON 3/23/88
248	249	G_ST87	GEOCODE FOR STATE ON 3/23/87
246	247	G_ST88	GEOCODE FOR STATE ON 3/23/88
1	7	ID	RTI ID NUMBER
236	237	LI_RESST	1ST LICENSE STATE VS GEOSTATE FOR 1988
234	235	LST_WRKD	YEARS SINCE LAST WORKED FOR PAY AS RN
242	243	MAR_CHLD	MARITAL STATUS AND CHILDREN
226	227	POSITION	POSITION TITLE-GROUPED
200	201	PREPSUM	HIGHEST NURSING EDUCATIONAL PREP--SUM
204	205	PRIMFOCS	PRIMARY FOCUS OF MASTER'S OR DOCTORATE
73	75	Q10	TYPE OF WORK SETTING ON MARCH 23, 1988
76	77	Q11	EMPLOYED IN PRAC NURSING/TEMP EMPL SVC
78	79	Q12	TITLE FOR PRINCIPAL NURSING POSITION
80	82	Q13A_A	% TIME SPENT/ADMINISTRATION
83	85	Q13A_B	% TIME SPENT/CONSULTATION WITH AGENCY
86	88	Q13A_C	% TIME SPENT/PATIENT CARE
89	91	Q13A_D	% TIME SPENT/RESEARCH
92	94	Q13A_E	% TIME SPENT/SUPERVISION
95	97	Q13A_F	% TIME SPENT/TEACH NURSING/HLTH CARE OCC
98	100	Q13A_G	% TIME SPENT/OTHER
101	102	Q13B	POSITION INVOLVE DIRECT PATIENT CARE
103	104	Q14A	WORK UNIT >HALF TIME FOR PATIENT CARE
105	106	Q14B	TYPE OF PATIENT TREATED/WORK UNIT
107	108	Q15	NORMAL WORK WEEK
109	110	Q16	HOURS WORKED
111	112	Q17	# WEEKS IN WORK YEAR/NURSING POSITION
113	117	Q18	GROSS ANNUAL SALARY 1988/PRINCIPAL POSIT
118	119	Q19A	HOLD >1 POSITION IN NURSING FOR PAY
120	121	Q19B_1	OTHER NURSING POS/PRIVATE DUTY NURSING
122	123	Q19B_2	OTHER NURSING POSITION/TEMP EMPLOYMENT
124	125	Q19B_3	OTHER NURSING POSITION/HOSPITAL STAFF
126	127	Q19B_4	OTHER NURSING POSITION/TEACHING
128	129	Q19B_5	OTHER NURSING POSITION/CONSULT/RESEARCH
130	131	Q19B_6	OTHER NURSING POSITION/OTHER
132	133	Q19C_HR	HRS PER WK/SPEND OTHER NURSING POSITION
134	135	Q19C_WK	WEEKS IN 1988/OTHER NURSING POSITION
136	140	Q19D	ANNUAL EARNINGS/OTHER NURSING POSITION
8	9	Q1A	TYPE OF EDUC PROG TO BECOME REG NURSE
10	11	Q1B_MO	GRADUATION MONTH

National Sample Survey of Registered Nurses 1988  
General Public-Use File

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ALPHABETICAL AND POSITIONAL LISTING OF VARIABLES

-----ALPHABETICAL LISTING OF VARIABLES-----

START	END	NAME	DESCRIPTION
12	13	Q1B_YR	GRADUATION YEAR
14	16	Q1C	STATE/COUNTRY OF BASIC NURSING PROGRAM
141	142	Q20	TIME SINCE WORKED AS A REGISTERED NURSE
143	144	Q20_YR	# YEARS SINCE WORKED AS REGISTERED NURSE
145	146	Q21A	ARE YOU EMPLOYED/OTHER THAN NURSING
147	148	Q21B	ARE YOU FULL/PART TIME EMPLOYEE
149	150	Q21C	EMPLOYED IN A HEALTH RELATED AGENCY
151	152	Q22A	ACTIVELY SEEK EMPLOYMENT AS A NURSE
153	154	Q22B	#WEEKS ACTIVELY SEEKING NURSE POSITION
155	157	Q22B_WK	#WEEKS ACTIVELY SEEKING NURSE POSITION
158	159	Q22C	LOOK FOR FULL/PART TIME NURSE POSITION
160	161	Q23A	EMPLOYED IN NURSING/ON 3/23/1987
162	163	Q23B	NURSING POSITN/FULL/PART/PART OF WRK YR
164	165	Q23C_ST	STATE EMPLOYED ON MARCH 23, 1987
166	167	Q23D	EMPLOYMNT BY CURRENT EMPLOYER, 3/23/1987
168	169	Q24	SEX
170	173	Q25	YEAR OF BIRTH
174	175	Q26	RACIAL BACKGROUND
176	177	Q27	CURRENT MARITAL STATUS
178	179	Q28	AGES OF CHILDREN WHO LIVE AT HOME
180	181	Q29	INCOME DURING 1988
17	18	Q2_ST	STATE LIVED IN PRIOR TO NURSING EDU
182	183	Q30_ST	STATE LIVING IN MARCH 23, 1988
184	185	Q31A	RESIDE IN SAME CITY 3/23/1988 & 3/23/87
186	187	Q31B_ST	STATE LIVING IN MARCH 23, 1987
188	189	Q32A	YEAR RECEIVED FIRST U.S. LICENSE
190	191	Q32B	STATE WHICH ISSUED FIRST LICENSE
19	20	Q3A	PRIOR TO BASIC NURSE EDU,LIC LPN/LVN
21	22	Q3B	RECEIVE DEGREE/OTHR FORMAL POST-SEC PROG
23	24	Q3C	HIGHEST DEGREE RECEIVD/PRIOR TO NURSE EDU
25	26	Q3D	WAS THIS DEGREE IN HEALTH RELATED FIELD
27	28	Q3E	MAJOR FIELD OF STUDY
29	30	Q4A	ANY ADDITIONAL DEGREES EARNED
31	32	Q6A	RECEIVE/DEGREE/CERT/NURSE/MIDWIFE PROG
33	34	Q6B	PROG LENGTH/NURSE PRAC, NURSE MIDWIFE
35	36	Q6C	RECEIVED CERT/MASTER'S PROG
37	38	Q7A	ENROLLED ACADEMIC PROG. NURSING MAJOR
39	40	Q7B	EMPLOYMENT STATUS
41	42	Q7C	DEGREE WORKING TOWARD IN PROG
43	44	Q7D_1	TUITION FINANCED/PERSONAL SAVINGS
61	62	Q7D_10	TUITION FINANCED/UNIV TEACH/RESEARH
63	64	Q7D_11	TUITION FINANCED/OTHER SOURCES
45	46	Q7D_2	TUITION FINANCED/PERSONAL EARNINGS
47	48	Q7D_3	TUITION FINANCED/SPOUSE'S EARNINGS
49	50	Q7D_4	TUITION FINANCED/PARENTAL CONTRIBUTIONS
51	52	Q7D_5	TUITION FINANCED/EMPLOYER REIMBURSE PLAN
53	54	Q7D_6	TUITION FINANCED/FED/TRAINEE/SCHOLAR
55	56	Q7D_7	TUITION FINANCE/FED ASSISTED LOAN
57	58	Q7D_8	TUITION FINANCED/STATE/LOC GOVT LOAN
59	60	Q7D_9	TUITION FINANCED/NON-GOVT SCHLAR LOAN
65	66	Q8A	PAST YR, OBTAINED CONT EDU CREDITS
67	68	Q8B	NUMBER CONT EDUC UNITS RECEIVED PAST YR
69	70	Q9A	EMPLOYED IN NURSING AS OF MARCH 23,1988
71	72	Q9B_ST	STATE OF EMPLOYMENT AS OF MARCH 23, 1988
244	245	RACE_GP	RACE--GROUPED

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ALPHABETICAL AND POSITIONAL LISTING OF VARIABLES

-----ALPHABETICAL LISTING OF VARIABLES-----

START	END	NAME	DESCRIPTION
212	213	REG_B_ED	REGION OF BASIC EDUCATION
230	231	REG_EMPL	REGION OF EMPLOYMENT, 1988
258	259	REG_RESI	REGION OF RESIDENCE, 1988
256	257	RES_SAME	COUNTY OF RESIDENCE IN 1987 AND 1988
260	260	RN_POP	RN WORKING/LIVING IN U.S. ON 3/23/88
228	229	SEEKTIME	WEEKS RN SEEKING NURSING POSITION
261	270	WEIGHT	BASIC WEIGHT FOR WHOLE SAMPLE
271	280	WEIGHT01	WEIGHT FOR REPLICATE 01 (EXCLUDE SEG 11)
281	290	WEIGHT02	WEIGHT FOR REPLICATE 02 (EXCLUDE SEG 14)
291	300	WEIGHT03	WEIGHT FOR REPLICATE 03 (EXCLUDE SEG 15)
301	310	WEIGHT04	WEIGHT FOR REPLICATE 04 (EXCLUDE SEG 18)
311	320	WEIGHT05	WEIGHT FOR REPLICATE 05 (EXCLUDE SEG 21)
321	330	WEIGHT06	WEIGHT FOR REPLICATE 06 (EXCLUDE SEG 23)
331	340	WEIGHT07	WEIGHT FOR REPLICATE 07 (EXCLUDE SEG 26)
341	350	WEIGHT08	WEIGHT FOR REPLICATE 08 (EXCLUDE SEG 28)
351	360	WEIGHT09	WEIGHT FOR REPLICATE 09 (EXCLUDE SEG 31)
361	370	WEIGHT10	WEIGHT FOR REPLICATE 10 (EXCLUDE SEG 33)
371	380	WEIGHT11	WEIGHT FOR REPLICATE 11 (EXCLUDE SEG 35)
381	390	WEIGHT12	WEIGHT FOR REPLICATE 12 (EXCLUDE SEG 38)
391	400	WEIGHT13	WEIGHT FOR REPLICATE 13 (EXCLUDE SEG 42)
401	410	WEIGHT14	WEIGHT FOR REPLICATE 14 (EXCLUDE SEG 44)
411	420	WEIGHT15	WEIGHT FOR REPLICATE 15 (EXCLUDE SEG 46)
421	430	WEIGHT16	WEIGHT FOR REPLICATE 16 (EXCLUDE SEG 47)
431	440	WEIGHT17	WEIGHT FOR REPLICATE 17 (EXCLUDE SEG 52)
441	450	WEIGHT18	WEIGHT FOR REPLICATE 18 (EXCLUDE SEG 53)
451	460	WEIGHT19	WEIGHT FOR REPLICATE 19 (EXCLUDE SEG 55)
461	470	WEIGHT20	WEIGHT FOR REPLICATE 20 (EXCLUDE SEG 58)
194	195	YRSNC_GP	YEARS SINCE GRADUATION - GROUPED
206	207	YR_BA_HI	YRS BETWEEN BASIC & HIGHEST NURSING EDU
192	193	YR_SINCE	YEARS SINCE GRAD FROM BASIC NURSING PROG



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ALPHABETICAL AND POSITIONAL LISTING OF VARIABLES

-----POSITIONAL LISTING OF VARIABLES-----

START	END	NAME	DESCRIPTION
1	7	ID	RTI ID NUMBER
8	9	Q1A	TYPE OF EDUC PROG TO BECOME REG NURSE
10	11	Q1B_MO	GRADUATION MONTH
12	13	Q1B_YR	GRADUATION YEAR
14	16	Q1C	STATE/COUNTRY OF BASIC NURSING PROGRAM
17	18	Q2_ST	STATE LIVED IN PRIOR TO NURSING EDU
19	20	Q3A	PRIOR TO BASIC NURSE EDU,LIC LPN/LVN
21	22	Q3B	RECEIVE DEGREE/OTHR FORMAL POST-SEC PROG
23	24	Q3C	HIGHEST DEGRE RECEIVD/PRIOR TO NURSE EDU
25	26	Q3D	WAS THIS DEGREE IN HEALTH RELATED FIELD
27	28	Q3E	MAJOR FIELD OF STUDY
29	30	Q4A	ANY ADDITIONAL DEGREES EARNED
31	32	Q6A	RECEIVE/DEGREE/CERT/NURSE/MIDWIFE PROG
33	34	Q6B	PROG LENGTH/NURSE PRAC, NURSE MIDWIFE
35	36	Q6C	RECEIVED CERT/MASTER'S PROG
37	38	Q7A	ENROLLED ACADEMIC PROG. NURSING MAJOR
39	40	Q7B	EMPLOYMENT STATUS
41	42	Q7C	DEGREE WORKING TOWARD IN PROG
43	44	Q7D_1	TUITION FINANCED/PERSONAL SAVINGS
45	46	Q7D_2	TUITION FINANCED/PERSONAL EARNINGS
47	48	Q7D_3	TUITION FINANCED/SPOUSE'S EARNINGS
49	50	Q7D_4	TUITION FINANCED/PARENTAL CONTRIBUTIONS
51	52	Q7D_5	TUITION FINANCED/EMPLOYER REIMBURSE PLAN
53	54	Q7D_6	TUITION FINANCED/FED/TRAINEE/SCHOLAR
55	56	Q7D_7	TUITION FINANCE/FED ASSISTED LOAN
57	58	Q7D_8	TUITION FINANCED/STATE/LOC GOVT LOAN
59	60	Q7D_9	TUITION FINANCED/NON-GOVT SCHLAR LOAN
61	62	Q7D_10	TUITION FINANCED/UNIV TEACH/RESEARH
63	64	Q7D_11	TUITION FINANCED/OTHER SOURCES
65	66	Q8A	PAST YR, OBTAINED CONT EDU CREDITS
67	68	Q8B	NUMBER CONT EDUC UNITS RECEIVED PAST YR
69	70	Q9A	EMPLOYED IN NURSING AS OF MARCH 23,1988
71	72	Q9B_ST	STATE OF EMPLOYMENT AS OF MARCH 23, 1988
73	75	Q10	TYPE OF WORK SETTING ON MARCH 23, 1988
76	77	Q11	EMPLOYED IN PRAC NURSING/TEMP EMPL SVC
78	79	Q12	TITLE FOR PRINCIPAL NURSING POSITION
80	82	Q13A_A	% TIME SPENT/ADMINISTRATION
83	85	Q13A_B	% TIME SPENT/CONSULTATION WITH AGENCY
86	88	Q13A_C	% TIME SPENT/PATIENT CARE
89	91	Q13A_D	% TIME SPENT/RESEARCH
92	94	Q13A_E	% TIME SPENT/SUPERVISION
95	97	Q13A_F	% TIME SPENT/TEACH NURSING/HLTH CARE OCC
98	100	Q13A_G	% TIME SPENT/OTHER
101	102	Q13B	POSITION INVOLVE DIRECT PATIENT CARE
103	104	Q14A	WORK UNIT >HALF TIME FOR PATIENT CARE
105	106	Q14B	TYPE OF PATIENT TREATED/WORK UNIT
107	108	Q15	NORMAL WORK WEEK
109	110	Q16	HOURS WORKED
111	112	Q17	# WEEKS IN WORK YEAR/NURSING POSITION
113	117	Q18	GROSS ANNUAL SALARY 1988/PRINCIPAL POSIT
118	119	Q19A	HOLD >1 POSITION IN NURSING FOR PAY
120	121	Q19B_1	OTHER NURSING POS/PRIVATE DUTY NURSING
122	123	Q19B_2	OTHER NURSING POSITION/TEMP EMPLOYMENT
124	125	Q19B_3	OTHER NURSING POSITION/HOSPITAL STAFF
126	127	Q19B_4	OTHER NURSING POSITION/TEACHING

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-----POSITIONAL LISTING OF VARIABLES-----

START	END	NAME	DESCRIPTION
128	129	Q19B_5	OTHER NURSING POSITION/CONSULT/RESEARCH
130	131	Q19B_6	OTHER NURSING POSITION/OTHER
132	133	Q19C_HR	HRS PER WK/SPEND OTHER NURSING POSITION
134	135	Q19C_WK	WEEKS IN 1988/OTHER NURSING POSITION
136	140	Q19D	ANNUAL EARNINGS/OTHER NURSING POSITION
141	142	Q20	TIME SINCE WORKED AS A REGISTERED NURSE
143	144	Q20_YR	# YEARS SINCE WORKED AS REGISTERED NURSE
145	146	Q21A	ARE YOU EMPLOYED/OTHER THAN NURSING
147	148	Q21B	ARE YOU FULL/PART TIME EMPLOYEE
149	150	Q21C	EMPLOYED IN A HEALTH RELATED AGENCY
151	152	Q22A	ACTIVELY SEEK EMPLOYMENT AS A NURSE
153	154	Q22B	#WEEKS ACTIVELY SEEKING NURSE POSITION
155	157	Q22B_WK	#WEEKS ACTIVELY SEEKING NURSE POSITION
158	159	Q22C	LOOK FOR FULL/PART TIME NURSE POSITION
160	161	Q23A	EMPLOYED IN NURSING/ON 3/23/1987
162	163	Q23B	NURSING POSITN/FULL/PART/PART OF WRK YR
164	165	Q23C_ST	STATE EMPLOYED ON MARCH 23, 1987
166	167	Q23D	EMPLOYMNT BY CURRENT EMPLOYER, 3/23/1987
168	169	Q24	SEX
170	173	Q25	YEAR OF BIRTH
174	175	Q26	RACIAL BACKGROUND
176	177	Q27	CURRENT MARITAL STATUS
178	179	Q28	AGES OF CHILDREN WHO LIVE AT HOME
180	181	Q29	INCOME DURING 1988
182	183	Q30_ST	STATE LIVING IN MARCH 23, 1988
184	185	Q31A	RESIDE IN SAME CITY 3/23/1988 & 3/23/87
186	187	Q31B_ST	STATE LIVING IN MARCH 23, 1987
188	189	Q32A	YEAR RECEIVED FIRST U.S. LICENSE
190	191	Q32B	STATE WHICH ISSUED FIRST LICENSE
192	193	YR_SINCE	YEARS SINCE GRAD FROM BASIC NURSING PROG
194	195	YRSNC_GP	YEARS SINCE GRADUATION - GROUPED
196	197	AGE_GRAD	AGE AT BASIC GRADUATION
198	199	GRAD_YR	YEAR OF GRADUATION--GROUPED
200	201	PREPSUM	HIGHEST NURSING EDUCATIONAL PREP--SUM
202	203	AGE_HIGH	AGE AT HIGHEST NURSING-RELATED EDUCATION
204	205	PRIMFOCS	PRIMARY FOCUS OF MASTER'S OR DOCTORATE
206	207	YR_BA_HI	YRS BETWEEN BASIC & HIGHEST NURSING EDU
208	209	GD_GEOST	STATE OF GRADUATION VS CURRENT GEOSTATE
210	211	GRAD_WHR	GRADUATED FROM U.S. OR FOREIGN PROGRAM
212	213	REG_B_ED	REGION OF BASIC EDUCATION
214	215	EMP_STAT	EMPLOYMENT STATUS IN 1988 - DETAILED
216	217	EMPL_88	EMPLOYMENT STATUS IN 1988
218	219	EMPL_87	EMPLOYMENT STATUS IN 1987
220	221	EMP88_87	EMP IN NURSING IN 1988 COMPARED TO 1987
222	223	EMPL_TES	USE OF TEMPORARY EMPLOYMENT SERVICE
224	225	FLD_EMPL	FIELD OF EMPLOYMENT GROUPED
226	227	POSITION	POSITION TITLE-GROUPED
228	229	SEEKTIME	WEEKS RN SEEKING NURSING POSITION
230	231	REG_EMPL	REGION OF EMPLOYMENT, 1988
232	233	DOMFUNCT	DOMINANT FUNCTION
234	235	LST_WRKD	YEARS SINCE LAST WORKED FOR PAY AS RN
236	237	LI_RESST	1ST LICENSE STATE VS GEOSTATE FOR 1988
238	239	AGE	AGE OF NURSE IN 1988
240	241	AGE_GP	AGE OF NURSES--GROUPED
242	243	MAR_CHLD	MARITAL STATUS AND CHILDREN

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ALPHABETICAL AND POSITIONAL LISTING OF VARIABLES

-----POSITIONAL LISTING OF VARIABLES-----

START	END	NAME	DESCRIPTION
244	245	RACE_GP	RACE--GROUPED
246	247	G_ST88	GEOCODE FOR STATE ON 3/23/88
248	249	G_ST87	GEOCODE FOR STATE ON 3/23/87
250	251	G_RG88	GEOCODE FOR REGION ON 3/23/88
252	253	G_RG87	GEOCODE FOR REGION ON 3/23/87
254	255	G_MSA_88	MSA GEOCODE STATUS FOR 1988
256	257	RES_SAME	COUNTY OF RESIDENCE IN 1987 AND 1988
258	259	REG_RESI	REGION OF RESIDENCE, 1988
260	260	RN_POP	RN WORKING/LIVING IN U.S. ON 3/23/88
261	270	WEIGHT	BASIC WEIGHT FOR WHOLE SAMPLE
271	280	WEIGHT01	WEIGHT FOR REPLICATE 01 (EXCLUDE SEG 11)
281	290	WEIGHT02	WEIGHT FOR REPLICATE 02 (EXCLUDE SEG 14)
291	300	WEIGHT03	WEIGHT FOR REPLICATE 03 (EXCLUDE SEG 15)
301	310	WEIGHT04	WEIGHT FOR REPLICATE 04 (EXCLUDE SEG 18)
311	320	WEIGHT05	WEIGHT FOR REPLICATE 05 (EXCLUDE SEG 21)
321	330	WEIGHT06	WEIGHT FOR REPLICATE 06 (EXCLUDE SEG 23)
331	340	WEIGHT07	WEIGHT FOR REPLICATE 07 (EXCLUDE SEG 26)
341	350	WEIGHT08	WEIGHT FOR REPLICATE 08 (EXCLUDE SEG 28)
351	360	WEIGHT09	WEIGHT FOR REPLICATE 09 (EXCLUDE SEG 31)
361	370	WEIGHT10	WEIGHT FOR REPLICATE 10 (EXCLUDE SEG 33)
371	380	WEIGHT11	WEIGHT FOR REPLICATE 11 (EXCLUDE SEG 35)
381	390	WEIGHT12	WEIGHT FOR REPLICATE 12 (EXCLUDE SEG 38)
391	400	WEIGHT13	WEIGHT FOR REPLICATE 13 (EXCLUDE SEG 42)
401	410	WEIGHT14	WEIGHT FOR REPLICATE 14 (EXCLUDE SEG 44)
411	420	WEIGHT15	WEIGHT FOR REPLICATE 15 (EXCLUDE SEG 46)
421	430	WEIGHT16	WEIGHT FOR REPLICATE 16 (EXCLUDE SEG 47)
431	440	WEIGHT17	WEIGHT FOR REPLICATE 17 (EXCLUDE SEG 52)
441	450	WEIGHT18	WEIGHT FOR REPLICATE 18 (EXCLUDE SEG 53)
451	460	WEIGHT19	WEIGHT FOR REPLICATE 19 (EXCLUDE SEG 55)
461	470	WEIGHT20	WEIGHT FOR REPLICATE 20 (EXCLUDE SEG 58)

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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
ID	RTI ID NUMBER	7.0	NUM	1	7	
	VALUE	UNWEIGHTED		WEIGHTED		
	0100016-5605886	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
Q1A	TYPE OF EDUC PROG TO BECOME REG NURSE	2.0	NUM	8	9	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	182		13,021		
	-6: DECEASED	76		5,867		
	1: DIPLOMA	15,527		994,552		
	2: ASSOCIATE DEGREE	9,760		578,746		
	3: BACCALUREATE DEGREE	7,691		455,109		
	4: MASTER DEGREE OR DOCTORATE (N.D)	36		1,918		
	TOTAL	33,272		2,049,213		
Q1B_MO	GRADUATION MONTH	2.0	NUM	10	11	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	349		23,996		
	-6: DECEASED	76		5,867		
	01-12	32,847		2,019,350		
	TOTAL	33,272		2,049,213		
Q1B_YR	GRADUATION YEAR	2.0	NUM	12	13	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	216		15,078		
	-6: DECEASED	76		5,867		
	21-87	32,980		2,028,268		
	TOTAL	33,272		2,049,213		
Q1C	STATE/COUNTRY OF BASIC NURSING PROGRAM	3.0	NUM	14	16	Appndx E
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	284		19,744		
	-6: DECEASED	76		5,867		
	1-56: U.S. STATE CODE	32,000		1,948,034		
	60-125: FOREIGN COUNTRY CODE	912		75,569		
	TOTAL	33,272		2,049,213		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q2_ST	STATE LIVED IN PRIOR TO NURSING EDU	2.0	NUM	17	18	Appndx D
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		177		12,282	
	-6: DECEASED		76		5,867	
	0: OUTSIDE OF U.S.		946		78,475	
	1-56: U.S. STATE CODE		32,073		1,952,589	
	TOTAL		33,272		2,049,213	
Q3A	PRIOR TO BASIC NURSE EDU,LIC LPN/LVN	2.0	NUM	19	20	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		205		14,419	
	-6: DECEASED		76		5,867	
	0: NO		30,187		1,860,336	
	1: YES		2,804		168,592	
	TOTAL		33,272		2,049,213	
Q3B	RECEIVE DEGREE/OTHR FORMAL POST-SEC PROG	2.0	NUM	21	22	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		265		19,087	
	-6: DECEASED		76		5,867	
	0: NO		30,606		1,875,605	
	1: YES		2,325		148,654	
	TOTAL		33,272		2,049,213	
Q3C	HIGHEST DEGRE RECEIVD/PRIOR TO NURSE EDU	2.0	NUM	23	24	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		20		1,216	
	-8: NOT APPLICABLE		30,871		1,894,692	
	-6: DECEASED		76		5,867	
	1: ASSOCIATE DEGREE		1,055		71,678	
	2: BACCALUREATE DEGREE		1,158		70,270	
	3: MASTERS DEGREE		90		5,336	
	4: DOCTORAL DEGREE		2		154	
	TOTAL		33,272		2,049,213	

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q3D	WAS THIS DEGREE IN HEALTH RELATED FIELD _____	2.0	NUM	25	26	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		8		645	
	-8: NOT APPLICABLE	30,871		1,894,692		
	-6: DECEASED	76		5,867		
	0: NO	1,752		110,863		
	1: YES	565		37,145		
	TOTAL	33,272		2,049,213		
Q3E	MAJOR FIELD OF STUDY _____	2.0	NUM	27	28	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		16		1,051	
	-8: NOT APPLICABLE	31,444		1,932,483		
	-6: DECEASED	76		5,867		
	1: BIOLOGICAL/PHYSICAL SCIENCE	366		22,059		
	2: BUSINESS OR MANAGEMENT	129		8,559		
	3: EDUCATION	275		17,781		
	4: LIBERAL ARTS	684		45,134		
	5: SOCIAL SCIENCES	227		12,879		
	6: OTHER	55		3,399		
	TOTAL	33,272		2,049,213		
Q4A	ANY ADDITIONAL DEGREES EARNED _____	2.0	NUM	29	30	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		187		13,086	
	-6: DECEASED		76		5,867	
	0: NO	27,171		1,653,063		
	1: YES	5,838		377,197		
	TOTAL	33,272		2,049,213		
Q6A	RECEIVE/DEGREE/CERT/NURSE/MIDWIFE PROG _____	2.0	NUM	31	32	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		194		13,942	
	-6: DECEASED		76		5,867	
	0: NO	32,013		1,965,205		
	1: YES	989		64,198		
	TOTAL	33,272		2,049,213		

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q6B	PROG LENGTH/NURSE PRAC, NURSE MIDWIFE _____	2.0	NUM	33	34	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		4		248	
	-8: NOT APPLICABLE	32,207			1,979,148	
	-6: DECEASED	76			5,867	
	1: LESS THAN 3 MONTHS	18			716	
	2: 3 TO 6 MONTHS	160			10,968	
	3: 7 TO 8 MONTHS	22			1,203	
	4: 9 TO 12 MONTHS	502			31,721	
	5: 13 TO 18 MONTHS	124			8,090	
	6: OVER 18 MONTHS	159			11,252	
	TOTAL	33,272			2,049,213	
Q6C	RECEIVED CERT/MASTER'S PROG _____	2.0	NUM	35	36	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		2		206	
	-8: NOT APPLICABLE	32,207			1,979,148	
	-6: DECEASED	76			5,867	
	1: CERTIFICATE	777			49,961	
	2: MASTER'S DEGREE	210			14,031	
	TOTAL	33,272			2,049,213	
Q7A	ENROLLED ACADEMIC PROG. NURSING MAJOR _____	2.0	NUM	37	38	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		169		11,594	
	-6: DECEASED		76		5,867	
	0: NO	29,929			1,837,172	
	1: YES	3,098			194,580	
	TOTAL	33,272			2,049,213	
Q7B	EMPLOYMENT STATUS _____	2.0	NUM	39	40	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		13		954	
	-8: NOT APPLICABLE	30,098			1,848,766	
	-6: DECEASED	76			5,867	
	1: FULL-TIME STUDENT	495			27,647	
	2: PART-TIME STUDENT	2,590			165,979	
	TOTAL	33,272			2,049,213	

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q7C	DEGREE WORKING TOWARD IN PROG _____	2.0	NUM	41	42	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		7		456	
	-8: NOT APPLICABLE	30,098			1,848,766	
	-6: DECEASED	76			5,867	
	1: ASSOCIATE DEGREE	34			2,325	
	2: BACCALAUREATE DEGREE	2,020			128,325	
	3: MASTERS DEGREE	894			54,673	
	4: DOCTORAL DEGREE	143			8,802	
	TOTAL	33,272			2,049,213	
Q7D_1	TUITION FINANCED/PERSONAL SAVINGS _____	2.0	NUM	43	44	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		53		3,703	
	-8: NOT APPLICABLE	30,098			1,848,766	
	-6: DECEASED	76			5,867	
	0: NO	1,774			111,092	
	1: YES	1,271			79,786	
	TOTAL	33,272			2,049,213	
Q7D_2	TUITION FINANCED/PERSONAL EARNINGS _____	2.0	NUM	45	46	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		52		3,569	
	-8: NOT APPLICABLE	30,098			1,848,766	
	-6: DECEASED	76			5,867	
	0: NO	1,145			75,714	
	1: YES	1,901			115,297	
	TOTAL	33,272			2,049,213	
Q7D_3	TUITION FINANCED/SPOUSE'S EARNINGS _____	2.0	NUM	47	48	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		52		3,569	
	-8: NOT APPLICABLE	30,098			1,848,766	
	-6: DECEASED	76			5,867	
	0: NO	2,501			160,621	
	1: YES	545			30,390	
	TOTAL	33,272			2,049,213	



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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q7D_4	TUITION FINANCED/PARENTAL CONTRIBUTIONS _____	2.0	NUM	49	50	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		52		3,569	
	-8: NOT APPLICABLE		30,098		1,848,766	
	-6: DECEASED		76		5,867	
	0: NO		2,960		185,620	
	1: YES		86		5,392	
	TOTAL		33,272		2,049,213	
Q7D_5	TUITION FINANCED/EMPLOYER REIMBURSE PLAN _____	2.0	NUM	51	52	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		52		3,569	
	-8: NOT APPLICABLE		30,098		1,848,766	
	-6: DECEASED		76		5,867	
	0: NO		1,652		98,752	
	1: YES		1,394		92,259	
	TOTAL		33,272		2,049,213	
Q7D_6	TUITION FINANCED/FED/TRAINEE/SCHOLAR _____	2.0	NUM	53	54	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		52		3,569	
	-8: NOT APPLICABLE		30,098		1,848,766	
	-6: DECEASED		76		5,867	
	0: NO		2,905		182,713	
	1: YES		141		8,298	
	TOTAL		33,272		2,049,213	
Q7D_7	TUITION FINANCE/FED ASSISTED LOAN _____	2.0	NUM	55	56	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		52		3,569	
	-8: NOT APPLICABLE		30,098		1,848,766	
	-6: DECEASED		76		5,867	
	0: NO		2,939		185,428	
	1: YES		107		5,583	
	TOTAL		33,272		2,049,213	

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q7D_8	TUITION FINANCED/STATE/LOC GOVT LOAN _____	2.0	NUM	57	58	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		52		3,569	
	-8: NOT APPLICABLE	30,098		1,848,766		
	-6: DECEASED	76		5,867		
	0: NO	2,953		185,773		
	1: YES	93		5,238		
	TOTAL	33,272		2,049,213		
Q7D_9	TUITION FINANCED/NON-GOVT SCHLAR LOAN _____	2.0	NUM	59	60	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		52		3,569	
	-8: NOT APPLICABLE	30,098		1,848,766		
	-6: DECEASED	76		5,867		
	0: NO	2,950		185,968		
	1: YES	96		5,043		
	TOTAL	33,272		2,049,213		
Q7D_10	TUITION FINANCED/UNIV TEACH/RESEARH _____	2.0	NUM	61	62	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		52		3,569	
	-8: NOT APPLICABLE	30,098		1,848,766		
	-6: DECEASED	76		5,867		
	0: NO	3,013		189,403		
	1: YES	33		1,608		
	TOTAL	33,272		2,049,213		
Q7D_11	TUITION FINANCED/OTHER SOURCES _____	2.0	NUM	63	64	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		52		3,569	
	-8: NOT APPLICABLE	30,098		1,848,766		
	-6: DECEASED	76		5,867		
	0: NO	3,045		190,999		
	1: YES	1		12		
	TOTAL	33,272		2,049,213		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q8A	PAST YR, OBTAINED CONT EDU CREDITS	2.0	NUM	65	66	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		200		13,351	
	-6: DECEASED		76		5,867	
	0: NO		9,569		634,215	
	1: YES		23,427		1,395,780	
	TOTAL		33,272		2,049,213	
Q8B	NUMBER CONT EDUC UNITS RECEIVED PAST YR	2.0	NUM	67	68	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		175		10,300	
	-8: NOT APPLICABLE		9,769		647,566	
	-6: DECEASED		76		5,867	
	1: LESS THAN 5 UNITS		3,992		239,219	
	2: FROM 5 TO 10 UNITS		6,131		366,636	
	3: FROM 10 TO 20 UNITS		6,486		387,081	
	4: MORE THAN 20 UNITS		6,643		392,544	
	TOTAL		33,272		2,049,213	
Q9A	EMPLOYED IN NURSING AS OF MARCH 23, 1988	2.0	NUM	69	70	
	VALUE		UNWEIGHTED		WEIGHTED	
	-6: DECEASED		76		5,867	
	0: NO		6,090		410,930	
	1: YES		27,106		1,632,416	
	TOTAL		33,272		2,049,213	
Q9B_ST	STATE OF EMPLOYMENT AS OF MARCH 23, 1988	2.0	NUM	71	72	Appndx D
	VALUE		UNWEIGHTED		WEIGHTED	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	0: OUTSIDE OF U.S.		80		5,381	
	1-56: U.S. STATE CODE		27,026		1,627,035	
	TOTAL		33,272		2,049,213	
Q10	TYPE OF WORK SETTING ON MARCH 23, 1988	3.0	NUM	73	75	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		19		1,448	
	(CONT'D ON NEXT PAGE)					

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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q10	TYPE OF WORK SETTING ON MARCH 23, 1988	3.0	NUM	73	75	
	VALUE	UNWEIGHTED		WEIGHTED		
	(CONT'D FROM PREVIOUS PAGE)					
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	110: SHORT TERM HOSPITAL	16,453			1,000,524	
	120: LONG TERM HOSPITAL		746		46,932	
	130: FEDERAL GOVERNMENT HOSPITAL	1,181			64,756	
	140: OTHER TYPE OF HOSPITAL		2		104	
	210: NURSING HOME UNIT IN HOSPITL		161		8,368	
	220: OTHER NURSING HOME	1,610			93,270	
	230: OTHER EXTENDED CARE FACILTY		35		2,510	
	231: MENTALLY RETARDED		83		4,680	
	310: NURSING EDU: LPN/LVN PROG		70		3,878	
	320: NURSING EDU: DIPLOMA PROG		51		2,915	
	330: NURSING EDU: ASSOCIAT DEG PRG		167		8,325	
	340: NURSING EDU: BACCALRT DEG PRG		271		15,196	
	350: NURSING EDU: OTHER PROGRAM		1		16	
	400: OFFICIAL STATE HEALTH DEPT		233		10,857	
	410: OFFICIAL CITY/CNTY HLTH DEPT		462		27,780	
	420: COMBINATION NURSING SERVICE		15		1,035	
	430: VISITING NURSE SERVC(VNS/NA)		329		21,211	
	440: OTHER HOME HEALTH AGENCY		543		33,653	
	450: COMMUNITY MENTAL HLTH FACLT		129		8,344	
	460: COMMUNITY HLTH CENTER		88		5,628	
	470: PLANND PARNTHD/FMLY PLAN CTR		52		3,007	
	480: RURAL HEALTH CARE CENTER		41		1,483	
	490: OTHER PUBLIC HEALTH		9		213	
	491: DAY CARE		27		1,510	
	492: HOSPICE		33		2,047	
	493: RETIREMENT COMMUNITY CENTER		32		2,534	
	510: BOARD OF EDUCATION		488		30,436	
	520: PRIVAT/PARCHL ELEMN/SCNDRY SCH		118		7,736	
	530: COLLEGE OR UNIVERSITY		153		8,939	
	540: OTHER STUDENT HEALTH SERVICE		20		1,026	
	610: OCCUPATNL HLTH:PRIVT INDSTRY		317		19,538	
	620: OCCUPATNL HLTH:GOVERNMENT		54		2,721	
	710: SOLO PRACTICE (PHYSICIAN)		592		36,653	
	720: PARTNERSHIP (PHYSICIANS)		386		20,625	
	730: GROUP PRACTICE (PHYSICIANS)		478		27,455	
	740: FREESTANDING CLINIC (PHYSCNS)		351		20,489	
	750: AMBULAT SURGICAL CENTER		121		6,716	
	760: AMBULAT CARE:DENTAL PRACTICE		20		1,137	
	770: AMBULATORY CARE:HMO		173		12,686	
	780: OTHER AMBULATORY CARE SETTING		1		146	
	810: SLF EMPLYD: SOLO PRAC		221		14,849	
	(CONT'D ON NEXT PAGE)					

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q10	TYPE OF WORK SETTING ON MARCH 23, 1988 _____	3.0	NUM	73	75	
	VALUE		UNWEIGHTED		WEIGHTED	
	(CONT'D FROM PREVIOUS PAGE)					
	820: SLF EMPLOYD:PARTNER W/NURSES		38		2,351	
	830: SLF EMPLOYD:PARTNER W/PHYSICN		28		1,350	
	840: SLF EMPLOYD:PARTNER W/OTHER PRG		23		1,668	
	910: OTHER:CENTRL,REG FED AGENCY		39		2,124	
	920: OTHER:STATE BOARD OF NURSING		12		630	
	930: OTHER:NURSING/HLTH ASSOCIATN		24		1,462	
	940: OTHER:HEALTH PLANNING AGENCY		27		2,100	
	950: OTHER:PRISON OR JAIL		90		6,570	
	960: OTHER		327		19,683	
	961: INSUR COMPANY(REVIEW/CLAIMS)		162		11,099	
	TOTAL		33,272		2,049,213	
Q11	EMPLOYED IN PRAC NURSING/TEMP EMPL SVC _____	2.0	NUM	76	77	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		139		8,657	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	0: NO		26,186		1,573,022	
	1: YES		781		50,736	
	TOTAL		33,272		2,049,213	

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NAME _____	DESCRIPTION _____	FORMAT	TYPE	START	END	REFERENCE
Q12	TITLE FOR PRINCIPAL NURSING POSITION _____	2.0	NUM	78	79	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		90		6,369	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	1: ADMINISTRATOR		638		39,949	
	2: CERT NURSE ANESTHETIST(CRNA)		344		16,847	
	3: CHARGE NURSE		2,581		142,108	
	4: CLINICAL NURSE SPECIALIST		470		29,018	
	5: CONSULTANT		286		17,625	
	6: DEAN/DIRECTOR OF NURSING EDU		119		6,003	
	7: DIRECTOR NURSING SERVICE		900		53,188	
	8: GENERAL DUTY NURSING		1,499		83,405	
	9: HEAD NURSE/ASSIST HEAD NURSE		1,404		86,063	
	10: IN-SERVICE EDUCATN DIRECTOR		336		20,487	
	11: INSTRUCTOR		538		31,566	
	12: NURSE CLINICIAN		263		17,657	
	13: NURSE COORDINATOR		431		27,512	
	14: NURSE-MIDWIFE		44		2,915	
	15: NURSE PRACTITIONER		343		21,015	
	16: PATIENT CARE COORDINATOR		224		13,748	
	17: PRIVATE DUTY		263		19,988	
	18: PROFESSOR/ASSIS/ASSOC PROF		187		10,849	
	19: PUBLIC HEALTH NURSE		552		31,298	
	20: RESEARCHER		72		4,783	
	21: SCHOOL NURSE		623		39,750	
	22: STAFF NURSE		12,037		735,896	
	23: SUPERVISOR/ASSIST SUPERVISOR		1,532		91,789	
	24: TEAM LEADER		354		21,205	
	25: NO POSITION TITLE		629		37,361	
	26: OTHER		27		1,769	
	27: QUALITY ASSURANCE		176		13,006	
	28: INFECTION CONTROL		53		3,072	
	29: DISCHARGE PLANNER		39		3,114	
	30: INSURANCE REVIEWER		52		3,061	
	TOTAL		33,272		2,049,213	
Q13A_A	% TIME SPENT/ADMINISTRATION _____	3.0	NUM	80	82	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		203		13,759	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	0-100		26,903		1,618,657	
	TOTAL		33,272		2,049,213	

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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q13A_B	% TIME SPENT/CONSULTATION WITH AGENCY	3.0	NUM	83	85	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		203		13,759	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	0-100		26,903		1,618,657	
	TOTAL		33,272		2,049,213	
Q13A_C	% TIME SPENT/PATIENT CARE	3.0	NUM	86	88	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		203		13,759	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	0-100		26,903		1,618,657	
	TOTAL		33,272		2,049,213	
Q13A_D	% TIME SPENT/RESEARCH	3.0	NUM	89	91	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		203		13,759	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	0-100		26,903		1,618,657	
	TOTAL		33,272		2,049,213	
Q13A_E	% TIME SPENT/SUPERVISION	3.0	NUM	92	94	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		203		13,759	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	0-100		26,903		1,618,657	
	TOTAL		33,272		2,049,213	
Q13A_F	% TIME SPENT/TEACH NURSING/HLTH CARE OCC	3.0	NUM	95	97	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		203		13,759	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	0-100		26,903		1,618,657	
	TOTAL		33,272		2,049,213	

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NAME _____	DESCRIPTION _____	FORMAT	TYPE	START	END	REFERENCE
Q13A_G	% TIME SPENT/OTHER _____	3.0	NUM	98	100	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		203		13,759	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	0-100		26,903		1,618,657	
	TOTAL		33,272		2,049,213	
Q13B	POSITION INVOLVE DIRECT PATIENT CARE _____	2.0	NUM	101	102	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		84		5,577	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	0: NO		10,021		605,789	
	1: YES		17,001		1,021,050	
	TOTAL		33,272		2,049,213	
Q14A	WORK UNIT >HALF TIME FOR PATIENT CARE _____	2.0	NUM	103	104	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		61		3,820	
	-8: NOT APPLICABLE		16,195		1,022,296	
	-6: DECEASED		76		5,867	
	1: INTENSIVE CARE BED UNIT		3,236		192,990	
	2: GENERAL/SPECIALTY		8,088		492,326	
	3: OPERATING ROOM		1,477		83,190	
	4: RECOVERY ROOM		461		28,375	
	5: LABOR/DELIVERY ROOM		947		52,856	
	6: OUTPATIENT DEPARTMENT		593		37,315	
	7: EMERGENCY DEPARTMENT		1,084		67,458	
	8: HOME HEALTH CARE		127		6,640	
	9: HOSPICE UNIT		35		2,401	
	10: OTHER		77		4,422	
	11: NO SPECIFIC AREA ASSIGNED		643		38,133	
	12: SPECIAL TECHNICAL SERVICES		172		11,123	
	TOTAL		33,272		2,049,213	



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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q14B	TYPE OF PATIENT TREATED/WORK UNIT	2.0	NUM	105	106	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		3		85	
	-8: NOT APPLICABLE		21,872		1,358,029	
	-6: DECEASED		76		5,867	
	1: CHRONIC CARE		462		28,497	
	2: CORONARY CARE		1,805		105,007	
	3: NEUROLOGICAL		367		21,397	
	4: NEWBORN		866		53,142	
	5: OBSTETRICS/GYNECOLOGIC		525		32,274	
	6: ORTHOPEDIC		440		27,005	
	7: PEDIATRIC		719		42,231	
	8: PSYCHIATRIC		1,065		67,432	
	9: MEDICAL SURGICAL		4,527		277,700	
	10: MULTIPLE UNITS		545		30,546	
	TOTAL		33,272		2,049,213	
Q15	NORMAL WORK WEEK	2.0	NUM	107	108	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		15		999	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	1: WRK FULL CALENDR YR/FULL-TIME		18,461		1,103,759	
	2: WRK FULL CALENDR YR/PART-TIME		7,319		446,826	
	3: WRK PRT CLNDR YR/FUL/PRT-TIME		1,311		80,832	
	TOTAL		33,272		2,049,213	
Q16	HOURS WORKED	2.0	NUM	109	110	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		178		10,098	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	1-80		26,928		1,622,317	
	TOTAL		33,272		2,049,213	
Q17	# WEEKS IN WORK YEAR/NURSING POSITION	2.0	NUM	111	112	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		219		12,952	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	1-52		26,887		1,619,464	
	TOTAL		33,272		2,049,213	

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q18	GROSS ANNUAL SALARY 1988/PRINCIPAL POSIT	5.0	NUM	113	117	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		1,129		70,969	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	1-\$90,000		25,977		1,561,447	
	TOTAL		33,272		2,049,213	
Q19A	HOLD >1 POSITION IN NURSING FOR PAY _____	2.0	NUM	118	119	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		22		1,671	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	0: NO		23,312		1,404,884	
	1: YES		3,772		225,861	
	TOTAL		33,272		2,049,213	
Q19B_1	OTHER NURSING POS/PRIVATE DUTY NURSING _____	2.0	NUM	120	121	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		10		812	
	-8: NOT APPLICABLE		29,424		1,817,485	
	-6: DECEASED		76		5,867	
	0: NO		3,456		206,319	
	1: YES		306		18,730	
	TOTAL		33,272		2,049,213	
Q19B_2	OTHER NURSING POSITION/TEMP EMPLOYMENT _____	2.0	NUM	122	123	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		10		812	
	-8: NOT APPLICABLE		29,424		1,817,485	
	-6: DECEASED		76		5,867	
	0: NO		3,087		181,527	
	1: YES		675		43,522	
	TOTAL		33,272		2,049,213	

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q19B_3	OTHER NURSING POSITION/HOSPITAL STAFF _____	2.0	NUM	124	125	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		10		812	
	-8: NOT APPLICABLE		29,424		1,817,485	
	-6: DECEASED		76		5,867	
	0: NO		2,414		145,339	
	1: YES		1,348		79,710	
	TOTAL		33,272		2,049,213	
Q19B_4	OTHER NURSING POSITION/TEACHING _____	2.0	NUM	126	127	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		10		812	
	-8: NOT APPLICABLE		29,424		1,817,485	
	-6: DECEASED		76		5,867	
	0: NO		3,258		196,371	
	1: YES		504		28,678	
	TOTAL		33,272		2,049,213	
Q19B_5	OTHER NURSING POSITION/CONSULT/RESEARCH _____	2.0	NUM	128	129	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		10		812	
	-8: NOT APPLICABLE		29,424		1,817,485	
	-6: DECEASED		76		5,867	
	0: NO		3,471		207,451	
	1: YES		291		17,598	
	TOTAL		33,272		2,049,213	
Q19B_6	OTHER NURSING POSITION/OTHER _____	2.0	NUM	130	131	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		10		812	
	-8: NOT APPLICABLE		29,424		1,817,485	
	-6: DECEASED		76		5,867	
	0: NO		2,670		162,787	
	1: YES		1,092		62,262	
	TOTAL		33,272		2,049,213	

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q19C_HR	HRS PER WK/SPEND OTHER NURSING POSITION _____	2.0	NUM	132	133	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		133		6,587	
	-8: NOT APPLICABLE		29,424		1,817,485	
	-6: DECEASED		76		5,867	
	1-80		3,639		219,273	
	TOTAL		33,272		2,049,213	
Q19C_WK	WEEKS IN 1988/OTHER NURSING POSITION _____	2.0	NUM	134	135	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		177		10,189	
	-8: NOT APPLICABLE		29,424		1,817,485	
	-6: DECEASED		76		5,867	
	1-52		3,595		215,672	
	TOTAL		33,272		2,049,213	
Q19D	ANNUAL EARNINGS/OTHER NURSING POSITION _____	5.0	NUM	136	140	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		278		18,422	
	-8: NOT APPLICABLE		29,424		1,817,485	
	-6: DECEASED		76		5,867	
	10-\$50,000		3,494		207,438	
	TOTAL		33,272		2,049,213	
Q20	TIME SINCE WORKED AS A REGISTERED NURSE _____	2.0	NUM	141	142	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		20		1,450	
	-8: NOT APPLICABLE		27,106		1,632,416	
	-6: DECEASED		76		5,867	
	1: NEVER WORKED AS RN		80		5,188	
	2: LESS THAN A YEAR		1,289		77,653	
	3: ONE YEAR OR MORE		4,701		326,639	
	TOTAL		33,272		2,049,213	
Q20_YR	# YEARS SINCE WORKED AS REGISTERED NURSE _____	2.0	NUM	143	144	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		128		9,410	
	-8: NOT APPLICABLE		27,186		1,637,604	
	-6: DECEASED		76		5,867	
	0-50		5,882		396,332	
	TOTAL		33,272		2,049,213	

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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q21A	ARE YOU EMPLOYED/OTHER THAN NURSING	2.0	NUM	145	146	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		33		2,774	
	-8: NOT APPLICABLE		27,106		1,632,416	
	-6: DECEASED		76		5,867	
	0: NO		4,336		292,629	
	1: YES		1,721		115,528	
	TOTAL		33,272		2,049,213	
Q21B	ARE YOU FULL/PART TIME EMPLOYEE	2.0	NUM	147	148	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		15		1,118	
	-8: NOT APPLICABLE		31,475		1,927,818	
	-6: DECEASED		76		5,867	
	1: FULL-TIME		1,107		74,630	
	2: PART-TIME		599		39,779	
	TOTAL		33,272		2,049,213	
Q21C	EMPLOYED IN A HEALTH RELATED AGENCY	2.0	NUM	149	150	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		16		1,371	
	-8: NOT APPLICABLE		31,475		1,927,818	
	-6: DECEASED		76		5,867	
	0: NO		982		63,893	
	1: YES		723		50,264	
	TOTAL		33,272		2,049,213	
Q22A	ACTIVELY SEEK EMPLOYMENT AS A NURSE	2.0	NUM	151	152	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		51		4,208	
	-8: NOT APPLICABLE		27,106		1,632,416	
	-6: DECEASED		76		5,867	
	0: NO		5,538		376,411	
	1: YES		501		30,312	
	TOTAL		33,272		2,049,213	

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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q22B	#WEEKS ACTIVELY SEEKING NURSE POSITION	2.0	NUM	153	154	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		14		948	
	-8: NOT APPLICABLE		32,695		2,013,034	
	-6: DECEASED		76		5,867	
	1: LESS THAN A WEEK		128		8,736	
	2: ONE WEEK OR MORE		359		20,628	
	TOTAL		33,272		2,049,213	
Q22B_WK	#WEEKS ACTIVELY SEEKING NURSE POSITION	3.0	NUM	155	157	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		39		2,372	
	-8: NOT APPLICABLE		32,695		2,013,034	
	-6: DECEASED		76		5,867	
	0-208		462		27,941	
	TOTAL		33,272		2,049,213	
Q22C	LOOK FOR FULL/PART TIME NURSE POSITION	2.0	NUM	158	159	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		15		1,070	
	-8: NOT APPLICABLE		32,695		2,013,034	
	-6: DECEASED		76		5,867	
	1: FULL-TIME		166		9,076	
	2: PART-TIME		320		20,165	
	TOTAL		33,272		2,049,213	
Q23A	EMPLOYED IN NURSING/ON 3/23/1987	2.0	NUM	160	161	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		72		4,715	
	-6: DECEASED		76		5,867	
	0: NO		6,488		432,899	
	1: YES		26,636		1,605,732	
	TOTAL		33,272		2,049,213	

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q23B	NURSING POSITN/FULL/PART/PART OF WRK YR	2.0	NUM	162	163	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		211		13,709	
	-8: NOT APPLICABLE		6,560		437,614	
	-6: DECEASED		76		5,867	
	1: FULL-TIME		17,901		1,069,202	
	2: PART-TIME		7,034		430,395	
	3: PART-YEAR		1,490		92,426	
	TOTAL		33,272		2,049,213	
Q23C_ST	STATE EMPLOYED ON MARCH 23, 1987	2.0	NUM	164	165	Appndx D
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		166		11,478	
	-8: NOT APPLICABLE		6,560		437,614	
	-6: DECEASED		76		5,867	
	0: OUTSIDE OF U.S.		92		6,197	
	1-56: U.S. STATE CODE		26,378		1,588,057	
	TOTAL		33,272		2,049,213	
Q23D	EMPLOYMNT BY CURRENT EMPLOYER, 3/23/1987	2.0	NUM	166	167	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		275		17,986	
	-8: NOT APPLICABLE		7,681		505,249	
	-6: DECEASED		76		5,867	
	1: SAME EMPLOYER, SAME POSITION		18,972		1,153,060	
	2: SAME EMPLOYER, DIFF POSITION		2,408		148,996	
	3: DIFF EMPLOYER, SAME POSITION		1,459		82,677	
	4: DIFF EMPLOYER, DIFF POSITION		2,401		135,377	
	TOTAL		33,272		2,049,213	
Q24	SEX	2.0	NUM	168	169	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		39		2,425	
	-6: DECEASED		76		5,867	
	1: FEMALE		31,972		1,972,672	
	2: MALE		1,185		68,249	
	TOTAL		33,272		2,049,213	

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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q25	YEAR OF BIRTH	4.0	NUM	170	173	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	167		11,232		
	-6: DECEASED	76		5,867		
	1900-1969	33,029		2,032,114		
	TOTAL	33,272		2,049,213		
Q26	RACIAL BACKGROUND	2.0	NUM	174	175	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	213		14,226		
	-6: DECEASED	76		5,867		
	1: HISPANIC	390		26,571		
	2: AMERICAN INDIAN/ALASKAN	178		8,358		
	3: ASIAN/PACIFIC ISLANDER	672		46,993		
	4: BLACK/NOT HISPANIC	969		74,137		
	5: WHITE/NOT HISPANIC	30,774		1,873,062		
	TOTAL	33,272		2,049,213		
Q27	CURRENT MARITAL STATUS	2.0	NUM	176	177	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	234		16,364		
	-6: DECEASED	76		5,867		
	1: NOW MARRIED	23,713		1,442,905		
	2: WIDOWED, DIVORCED, SEPARATED	5,162		316,224		
	3: NEVER MARRIED	4,087		267,853		
	TOTAL	33,272		2,049,213		
Q28	AGES OF CHILDREN WHO LIVE AT HOME	2.0	NUM	178	179	
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	312		20,472		
	-6: DECEASED	76		5,867		
	1: NO CHILDREN AT HOME	14,519		907,390		
	2: ALL < 6 YRS OLD	4,245		256,824		
	3: ALL 6 YRS OR OLDER	10,954		673,949		
	4: SOME < 6, SOME >=6	3,166		184,712		
	TOTAL	33,272		2,049,213		



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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q29	INCOME DURING 1988 _____	2.0	NUM	180	181	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		1,855		124,813	
	-6: DECEASED		76		5,867	
	1: \$ 15,000 OR LESS		1,198		75,375	
	2: \$ 15,001- 25,000		3,867		213,809	
	3: \$ 25,001- 35,000		7,111		418,671	
	4: \$ 35,001- 50,000		8,911		542,545	
	5: \$ 50,001- 75,000		7,105		454,793	
	6: \$ 75,001-100,000		2,006		134,997	
	7: \$100,001-150,000		742		50,397	
	8: MORE THAN \$150,000		401		27,946	
	TOTAL		33,272		2,049,213	
Q30_ST	STATE LIVING IN MARCH 23, 1988 _____	2.0	NUM	182	183	Appndx D
	VALUE		UNWEIGHTED		WEIGHTED	
	-6: DECEASED		76		5,867	
	0: OUTSIDE OF U.S.		157		11,025	
	1-56: U.S. STATE CODE		33,039		2,032,321	
	TOTAL		33,272		2,049,213	
Q31A	RESIDE IN SAME CITY 3/23/1988 & 3/23/87 _____	2.0	NUM	184	185	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		106		7,588	
	-6: DECEASED		76		5,867	
	0: NO		3,377		189,988	
	1: YES		29,713		1,845,770	
	TOTAL		33,272		2,049,213	
Q31B_ST	STATE LIVING IN MARCH 23, 1987 _____	2.0	NUM	186	187	Appndx D
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		9		472	
	-6: DECEASED		76		5,867	
	0: OUTSIDE OF U.S.		168		10,574	
	1-56: U.S. STATE CODE		33,019		2,032,299	
	TOTAL		33,272		2,049,213	

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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q32A	YEAR RECEIVED FIRST U.S. LICENSE	2.0	NUM	188	189	
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		237		17,079	
	-6: DECEASED		76		5,867	
	1: 1987		1,048		66,043	
	2: 1986		1,256		74,968	
	3: 1985		1,323		79,955	
	4: 1984		1,268		78,103	
	5: 1983		1,281		76,615	
	6: 1982		1,195		71,035	
	7: 1981		1,216		74,649	
	8: 1980		1,288		76,440	
	9: PRIOR TO 1980		23,084		1,428,459	
	TOTAL		33,272		2,049,213	
Q32B	STATE WHICH ISSUED FIRST LICENSE	2.0	NUM	190	191	Appndx D
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		266		19,047	
	-6: DECEASED		76		5,867	
	1: Alabama		647		28,457	
	2: Alaska		81		1,164	
	4: Arizona		375		15,857	
	5: Arkansas		427		13,660	
	6: California		1,399		135,589	
	8: Colorado		484		18,064	
	9: Connecticut		524		36,550	
	10: Delaware		339		6,836	
	11: Dist.of Columbia		256		10,474	
	12: Florida		579		53,974	
	13: Georgia		614		35,003	
	15: Hawaii		247		5,225	
	16: Idaho		370		6,059	
	17: Illinois		1,351		126,240	
	18: Indiana		702		48,631	
	19: Iowa		956		38,597	
	20: Kansas		775		24,089	
	21: Kentucky		612		25,709	
	22: Louisiana		499		22,166	
	23: Maine		508		11,386	
	24: Maryland		664		37,118	
	25: Massachusetts		1,210		100,392	
	26: Michigan		775		83,603	
	27: Minnesota		1,048		53,727	
	(CONT'D ON NEXT PAGE)					

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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
Q32B	STATE WHICH ISSUED FIRST LICENSE	2.0	NUM	190	191	Appndx D
	VALUE	UNWEIGHTED		WEIGHTED		
	(CONT'D FROM PREVIOUS PAGE)					
	28: Mississippi		549		15,722	
	29: Missouri		731		49,577	
	30: Montana		429		8,235	
	31: Nebraska		679		17,884	
	32: Nevada		143		2,815	
	33: New Hampshire		320		9,931	
	34: New Jersey		669		69,791	
	35: New Mexico		252		5,063	
	36: New York		2,291		234,701	
	37: North Carolina		632		42,427	
	38: North Dakota		467		10,831	
	39: Ohio		1,254		112,821	
	40: Oklahoma		503		15,186	
	41: Oregon		480		19,024	
	42: Pennsylvania		1,827		168,585	
	44: Rhode Island		518		12,228	
	45: South Carolina		502		17,265	
	46: South Dakota		539		10,776	
	47: Tennessee		553		32,334	
	48: Texas		817		78,685	
	49: Utah		507		10,639	
	50: Vermont		269		4,679	
	51: Virginia		631		40,814	
	53: Washington		591		30,069	
	54: West Virginia		519		17,432	
	55: Wisconsin		650		46,295	
	56: Wyoming		166		1,919	
	TOTAL		33,272		2,049,213	
YR_SINCE	YEARS SINCE GRAD FROM BASIC NURSING PROG	2.0	NUM	192	193	Page C-4
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		216		15,078	
	-6: DECEASED		76		5,867	
	0-66		32,980		2,028,268	
	TOTAL		33,272		2,049,213	

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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
YRSNC_GP	YEARS SINCE GRADUATION - GROUPED	2.0	NUM	194	195	Page C-5
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		216		15,078	
	-6: DECEASED		76		5,867	
	1: < 5 YEAR		5,785		348,406	
	2: 5 TO 9 YEARS		6,147		371,512	
	3: 10 TO 14 YEARS		5,764		343,723	
	4: 15 TO 83 YEARS		15,284		964,626	
	TOTAL		33,272		2,049,213	
AGE_GRAD	AGE AT BASIC GRADUATION	2.0	NUM	196	197	Page C-5
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		305		21,044	
	-6: DECEASED		76		5,867	
	16-68		32,891		2,022,302	
	TOTAL		33,272		2,049,213	
GRAD_YR	YEAR OF GRADUATION--GROUPED	2.0	NUM	198	199	Page C-5
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		216		15,078	
	-6: DECEASED		76		5,867	
	1: BEFORE 1955		4,911		322,434	
	2: 1955 TO 1959		2,356		151,059	
	3: 1960 TO 1964		2,615		161,367	
	4: 1965 TO 1969		3,109		186,801	
	5: 1970 TO 1974		4,340		264,542	
	6: 1975 TO 1979		6,272		378,946	
	7: OVER 1979		9,377		563,118	
	TOTAL		33,272		2,049,213	
PREPSUM	HIGHEST NURSING EDUCATIONAL PREP--SUM	2.0	NUM	200	201	Page C-5
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		179		12,705	
	-6: DECEASED		76		5,867	
	1: DIPLOMA		12,987		824,218	
	2: ASSOCIATE DEGREE		8,661		513,840	
	3: BACCALAUREATE		9,339		560,938	
	4: MASTER DEGREE OR DOCTORATE (N.D		2,030		131,645	
	TOTAL		33,272		2,049,213	

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
AGE_HIGH	AGE AT HIGHEST NURSING-RELATED EDUCATION	2.0	NUM	202	203	Page C-6
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		326		22,704	
	-6: DECEASED		76		5,867	
	16-68		32,870		2,020,642	
	TOTAL		33,272		2,049,213	
PRIMFOCS	PRIMARY FOCUS OF MASTER'S OR DOCTORATE	2.0	NUM	204	205	Page C-5
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		18		1,529	
	-8: NOT APPLICABLE		30,735		1,882,030	
	-6: DECEASED		76		5,867	
	1: EDUCATION		608		39,815	
	2: SUPERVISOR/ADMINISTRATOR		505		34,321	
	3: COMMUNITY/PUBLIC HEALTH		147		10,047	
	4: MATERNAL-CHILD		193		12,480	
	5: MIDWIFERY		26		1,531	
	6: GERIATRICS/GERONTOLOGY		61		3,861	
	7: MEDICAL/SURGICAL		332		20,014	
	8: PSYCHIATRIC-MENTAL HEALTH		263		16,885	
	9: ANESTHESIA		23		1,357	
	10: FAMILY HEALTH		39		2,257	
	11: ADULT		14		925	
	12: COUNSELING		14		1,043	
	13: CLINICAL PRAC:OTHER		15		1,322	
	14: CLINICAL PRAC:UNKNOWN		2		265	
	15: RESEARCH		26		1,347	
	16: OTHER		175		12,318	
	TOTAL		33,272		2,049,213	
YR_BA_HI	YRS BETWEEN BASIC & HIGHEST NURSING EDU	2.0	NUM	206	207	Page C-6
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		216		15,254	
	-8: NOT APPLICABLE		27,171		1,653,063	
	-6: DECEASED		76		5,867	
	0-46		5,809		375,029	
	TOTAL		33,272		2,049,213	

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
GD_GEOST	STATE OF GRADUATION VS CURRENT GEOSTATE _____	2.0	NUM	208	209	Page C-6
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	284		19,744		
	-6: DECEASED	76		5,867		
	1: SAME	19,013		1,271,092		
	2: DIFFERENT	12,987		676,942		
	3: FOREIGN	912		75,569		
	TOTAL	33,272		2,049,213		
GRAD_WHR	GRADUATED FROM U.S. OR FOREIGN PROGRAM _____	2.0	NUM	210	211	Page C-6
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	284		19,744		
	-6: DECEASED	76		5,867		
	1: U.S.	32,000		1,948,034		
	2: OUTSIDE OF U.S.	912		75,569		
	TOTAL	33,272		2,049,213		
REG_B_ED	REGION OF BASIC EDUCATION _____	2.0	NUM	212	213	Page C-6
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	284		19,744		
	-6: DECEASED	76		5,867		
	1: NEW ENGLAND	3,284		171,434		
	2: MIDDLE ATLANTIC	4,667		453,673		
	3: SOUTH ATLANTIC	4,531		249,568		
	4: EAST SO CENTRAL	2,409		105,182		
	5: WEST SO CENTRAL	2,153		121,601		
	6: EAST NO CENTRAL	4,656		406,248		
	7: WEST NO CENTRAL	5,285		209,826		
	8: MOUNTAIN	2,537		64,862		
	9: PACIFIC	2,478		165,640		
	10: OUTSIDE OF U.S.	912		75,569		
	TOTAL	33,272		2,049,213		

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
EMP_STAT	EMPLOYMENT STATUS IN 1988 - DETAILED _____	2.0	NUM	214	215	Page C-7
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		33		2,774	
	-6: DECEASED		76		5,867	
	1: NURSING FULL TIME	18,461		1,103,759		
	2: NURSING PART TIME	8,630		527,658		
	3: NURSING FT/PT UNKNOWN	15		999		
	4: NOT NURSING FULL TIME	1,107		74,630		
	5: NOT NURSING PART TIME	599		39,779		
	6: NOT NURSING FT/PT UNKNOWN	15		1,118		
	7: NOT EMPLOYED AT ALL	4,336		292,629		
	TOTAL	33,272		2,049,213		
EMPL_88	EMPLOYMENT STATUS IN 1988 _____	2.0	NUM	216	217	Page C-7
	VALUE		UNWEIGHTED		WEIGHTED	
	-6: DECEASED		76		5,867	
	1: EMPLOYED IN NURSING FT	18,461		1,103,759		
	2: EMPLOYED IN NURSING PT	8,630		527,658		
	3: EMPLOYED NURSING FT/PT UNKNOWN	15		999		
	4: NOT EMPLOYED IN NURSING	6,090		410,930		
	TOTAL	33,272		2,049,213		
EMPL_87	EMPLOYMENT STATUS IN 1987 _____	2.0	NUM	218	219	Page C-7
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		72		4,715	
	-6: DECEASED		76		5,867	
	1: EMPLOYED IN NURSING FT	17,901		1,069,202		
	2: EMPLOYED IN NURSING PT	8,524		522,822		
	3: EMPLOYED NURSING FT/PT UNKNOWN	211		13,709		
	4: NOT EMPLOYED IN NURSING	6,488		432,899		
	TOTAL	33,272		2,049,213		

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
EMP88_87	EMP IN NURSING IN 1988 COMPARED TO 1987	2.0	NUM	220	221	Page C-8
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		289		18,953	
	-6: DECEASED		76		5,867	
	1: FT RN 88 & 87		16,283		973,236	
	2: FT RN88 PT RN87		1,197		70,563	
	3: FT RN88 NOT EMPLOYED 87		811		48,781	
	4: PT RN88 FT RN87		1,120		66,879	
	5: PT RN 88 & 87		6,702		413,418	
	6: PT RN88 NOT EMPLOYED 87		730		42,368	
	7: NOT EMPLOYED 88 FT 87		494		28,716	
	8: NOT EMPLOYED 88 PT 87		623		38,682	
	9: NOT EMPLOYED RN 88/87		4,947		341,749	
	TOTAL		33,272		2,049,213	
EMPL_TES	USE OF TEMPORARY EMPLOYMENT SERVICE	2.0	NUM	222	223	Page C-8
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		1		29	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	1: PRIMARY POS ONLY		688		45,008	
	2: SECONDARY POS ONLY		581		37,766	
	3: BOTH PRI AND SEC		93		5,728	
	4: NOT EMPLOYED BY TES		25,743		1,543,885	
	TOTAL		33,272		2,049,213	
FLD_EMPL	FIELD OF EMPLOYMENT GROUPE	2.0	NUM	224	225	Page C-9
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		18		1,386	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	1: HOSPITAL		18,338		1,108,562	
	2: NURSING HOME EXTENDED CARE		1,878		107,940	
	3: NURSING EDUCATION		560		30,329	
	4: PUBLIC HEALTH COMMUNITY HEALTH		1,888		111,576	
	5: STUDENT HEALTH		776		48,070	
	6: OCCUPATIONAL HEALTH		370		22,145	
	7: AMULATORY CARE		2,120		125,813	
	8: PRIVATE DUTY		263		19,988	
	9: SELF EMPLOYMENT		217		13,203	
	10: OTHER		678		43,402	
	TOTAL		33,272		2,049,213	



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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
POSITION	POSITION TITLE-GROUPED	2.0	NUM	226	227	Page C-9
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		90		6,369	
	-8: NOT APPLICABLE		6,090		410,930	
	-6: DECEASED		76		5,867	
	1: ADMINISTRATOR/ASSISTNT ADMIN		1,657		99,139	
	2: CONSULTANT		286		17,625	
	3: SUPERVISOR		1,532		91,789	
	4: INSTRUCTOR		1,061		62,902	
	5: HEAD NURSE OR ASSISTANT		1,404		86,063	
	6: STAFF OR GEN DUTY		18,275		1,091,022	
	7: PRACTITIONER/MIDWIFE		387		23,930	
	8: CLINICAL SPECIALIST		470		29,018	
	9: NURSE CLINICIAN		263		17,657	
	10: CERTIFIED NURSING ANESTHETIST		344		16,847	
	11: RESEARCH		72		4,783	
	12: PRIVATE DUTY		263		19,988	
	13: OTHER		1,002		65,282	
	TOTAL		33,272		2,049,213	
SEEKTIME	WEEKS RN SEEKING NURSING POSITION	2.0	NUM	228	229	Pg C-10
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN		39		2,372	
	-8: NOT APPLICABLE		32,695		2,013,034	
	-6: DECEASED		76		5,867	
	1: < 1 WEEK		128		8,736	
	2: 1 WEEK		10		560	
	3: 2 WEEKS		38		1,691	
	4: 3 WEEKS		57		3,518	
	5: 4 WEEKS		65		3,912	
	6: 5 TO 9 WEEKS		71		4,633	
	7: 10 TO 14 WEEKS		31		1,686	
	8: 15 TO 34 WEEKS		37		2,074	
	9: 35 TO 52 WEEKS		17		743	
	10: >= 53 WEEKS		8		387	
	TOTAL		33,272		2,049,213	

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
REG_EMPL	REGION OF EMPLOYMENT, 1988 _____	2.0	NUM	230	231	Pg C-10
	VALUE	UNWEIGHTED		WEIGHTED		
	-8: NOT APPLICABLE	6,090		410,930		
	-6: DECEASED	76		5,867		
	1: NEW ENGLAND	2,648		130,915		
	2: MIDDLE ATLANTIC	2,490		293,961		
	3: SOUTH ATLANTIC	4,600		259,672		
	4: EAST SO CENTRAL	2,013		82,644		
	5: WEST SO CENTRAL	2,121		125,469		
	6: EAST NO CENTRAL	2,855		295,202		
	7: WEST NO CENTRAL	3,729		135,466		
	8: MOUNTAIN	3,513		81,837		
	9: PACIFIC	3,057		221,869		
	10: OUTSIDE OF U.S.	80		5,381		
	TOTAL	33,272		2,049,213		
DOMFUNCT	DOMINANT FUNCTION _____	2.0	NUM	232	233	Pg C-10
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	203		13,759		
	-8: NOT APPLICABLE	6,090		410,930		
	-6: DECEASED	76		5,867		
	1: ADMINISTRATOR	1,551		96,027		
	2: CONSULTANT	368		23,289		
	3: DIRECT PATIENT CARE	17,570		1,054,911		
	4: RESEARCH	111		7,035		
	5: SUPERVISOR	1,350		82,357		
	6: TEACHING	776		46,927		
	7: OTHER	80		5,861		
	8: NO DOMINANT FUNCTION	5,097		302,250		
	TOTAL	33,272		2,049,213		
LST_WRKD	YEARS SINCE LAST WORKED FOR PAY AS RN _____	2.0	NUM	234	235	Pg C-11
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	20		1,450		
	-8: NOT APPLICABLE	27,106		1,632,416		
	-6: DECEASED	76		5,867		
	1: < 1 YEAR	1,289		77,653		
	2: 1 TO 4 YEARS	2,023		131,815		
	3: 5 TO 9 YEARS	1,155		79,581		
	4: 10 TO 19 YEARS	929		68,885		
	5: 20 TO 29 YEARS	319		24,369		
	6: 30 YEARS OR MORE	275		21,989		
	7: NEVER WORKED IN NURSING	80		5,188		
	TOTAL	33,272		2,049,213		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
LI_RESST	1ST LICENSE STATE VS GEOSTATE FOR 1988	2.0	NUM	236	237	Pg C-11
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	266		19,047		
	-6: DECEASED	76		5,867		
	1: SAME	20,090		1,351,353		
	2: DIFFERENT	12,840		672,946		
	TOTAL	33,272		2,049,213		
AGE	AGE OF NURSE IN 1988	2.0	NUM	238	239	Pg C-11
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	167		11,232		
	-6: DECEASED	76		5,867		
	18-87	33,029		2,032,114		
	TOTAL	33,272		2,049,213		
AGE_GP	AGE OF NURSES--GROUPED	2.0	NUM	240	241	Pg C-12
	VALUE	UNWEIGHTED		WEIGHTED		
	-9: UNKNOWN	167		11,232		
	-6: DECEASED	76		5,867		
	1: < 25	1,249		78,730		
	2: 25 TO 29	3,993		239,229		
	3: 30 TO 34	6,211		372,174		
	4: 35 TO 39	5,617		333,723		
	5: 40 TO 44	4,451		268,894		
	6: 45 TO 49	3,402		213,557		
	7: 50 TO 54	2,783		174,880		
	8: 55 TO 59	2,213		140,398		
	9: 60 TO 64	1,728		109,190		
	10: >= 65	1,382		101,340		
	TOTAL	33,272		2,049,213		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
MAR_CHLD	MARITAL STATUS AND CHILDREN	2.0	NUM	242	243	Pg C-12
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		234		16,364	
	-6: DECEASED		76		5,867	
	1: MARRIED CHILD < 6		3,985		241,793	
	2: MARRIED CHILD >= 6		8,788		539,402	
	3: MARRIED CHILD ALL		2,932		170,674	
	4: MARRIED NO CHILDREN		7,976		488,747	
	5: MARRIED CHILD UNKNOWN/REFUSED		32		2,288	
	6: WID/SP/D CHILD < 6		171		9,754	
	7: WID/SP/D CHILD >=6		2,024		125,213	
	8: WID/SP/D CHILD ALL		215		12,892	
	9: WID/SP/D NO CHILDREN		2,741		167,476	
	10: WID/SP/D CHILD UNKNOWN/REFUSED		11		889	
	11: NEVER MARRIED		4,087		267,853	
	TOTAL		33,272		2,049,213	
RACE_GP	RACE--GROUPED	2.0	NUM	244	245	Pg C-12
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		213		14,226	
	-6: DECEASED		76		5,867	
	1: WHITE		30,774		1,873,062	
	2: OTHER		2,209		156,058	
	TOTAL		33,272		2,049,213	
G_ST88	GEOCODE FOR STATE ON 3/23/88	2.0	NUM	246	247	Pg C-13
	VALUE		UNWEIGHTED		WEIGHTED	
	-6: DECEASED		76		5,867	
	0: OUTSIDE OF U.S.		149		10,314	
	1-56: U.S. STATE CODE		33,047		2,033,032	
	TOTAL		33,272		2,049,213	
G_ST87	GEOCODE FOR STATE ON 3/23/87	2.0	NUM	248	249	Pg C-13
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		170		11,729	
	-6: DECEASED		76		5,867	
	0: OUTSIDE OF U.S.		165		10,469	
	1-56: U.S. STATE CODE		32,861		2,021,148	
	TOTAL		33,272		2,049,213	

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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
G_RG88	GEOCODE FOR REGION ON 3/23/88	2.0	NUM	250	251	Pg C-13
	VALUE		UNWEIGHTED		WEIGHTED	
	-6: DECEASED		76		5,867	
	1: NEW ENGLAND		3,332		170,080	
	2: MIDDLE ATLANTIC		3,259		383,590	
	3: SOUTH ATLANTIC		5,707		329,779	
	4: EAST SO CENTRAL		2,363		97,925	
	5: WEST SO CENTRAL		2,641		157,745	
	6: EAST NO CENTRAL		3,531		365,891	
	7: WEST NO CENTRAL		4,327		159,622	
	8: MOUNTAIN		4,195		101,037	
	9: PACIFIC		3,692		267,363	
	10: OUTSIDE OF U.S.		149		10,314	
	TOTAL		33,272		2,049,213	
G_RG87	GEOCODE FOR REGION ON 3/23/87	2.0	NUM	252	253	Pg C-14
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		170		11,729	
	-6: DECEASED		76		5,867	
	1: NEW ENGLAND		3,309		169,886	
	2: MIDDLE ATLANTIC		3,264		383,909	
	3: SOUTH ATLANTIC		5,611		323,477	
	4: EAST SO CENTRAL		2,400		99,882	
	5: WEST SO CENTRAL		2,644		158,704	
	6: EAST NO CENTRAL		3,523		364,690	
	7: WEST NO CENTRAL		4,322		158,825	
	8: MOUNTAIN		4,167		99,831	
	9: PACIFIC		3,621		261,944	
	10: OUTSIDE OF U.S.		165		10,469	
	TOTAL		33,272		2,049,213	
G_MSA_88	MSA GEOCODE STATUS FOR 1988	2.0	NUM	254	255	Pg C-14
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		34		1,757	
	-6: DECEASED		76		5,867	
	1: NOT IN MSA		8,548		366,944	
	2: IN MSA		24,465		1,664,331	
	3: OUTSIDE OF U.S.		149		10,314	
	TOTAL		33,272		2,049,213	

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NAME	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
RES_SAME	COUNTY OF RESIDENCE IN 1987 AND 1988	2.0	NUM	256	257	Pg C-14
	VALUE		UNWEIGHTED		WEIGHTED	
	-9: UNKNOWN		417		28,549	
	-6: DECEASED		76		5,867	
	1: SAME		30,197		1,878,787	
	2: DIFFERENT		2,582		136,010	
	TOTAL		33,272		2,049,213	
REG_RESI	REGION OF RESIDENCE, 1988	2.0	NUM	258	259	Pg C-14
	VALUE		UNWEIGHTED		WEIGHTED	
	-6: DECEASED		76		5,867	
	1: NEW ENGLAND		3,325		170,203	
	2: MIDDLE ATLANTIC		3,281		383,918	
	3: SOUTH ATLANTIC		5,683		329,349	
	4: EAST SO CENTRAL		2,358		98,013	
	5: WEST SO CENTRAL		2,637		157,659	
	6: EAST NO CENTRAL		3,571		366,726	
	7: WEST NO CENTRAL		4,303		158,262	
	8: MOUNTAIN		4,202		101,177	
	9: PACIFIC		3,679		267,014	
	10: OUTSIDE OF U.S.		157		11,025	
	TOTAL		33,272		2,049,213	
RN_POP	RN WORKING/LIVING IN U.S. ON 3/23/88	1.0	NUM	260	260	Pg C-15
	VALUE		UNWEIGHTED		WEIGHTED	
	1: OUTSIDE US		149		10,314	
	2: WITHIN US		33,047		2,033,032	
	3: DECEASED		76		5,867	
	TOTAL		33,272		2,049,213	
WEIGHT	BASIC WEIGHT FOR WHOLE SAMPLE	10.6	NUM	261	270	Pg C-15
	VALUE		UNWEIGHTED		WEIGHTED	
	8.04086-146.172212		33,272		2,049,213	
	TOTAL		33,272		2,049,213	
WEIGHT01	WEIGHT FOR REPLICATE 01 (EXCLUDE SEG 11)	10.6	NUM	271	280	Pg C-15
	VALUE		UNWEIGHTED		WEIGHTED	
	8.272124-146.801354		33,272		2,049,213	
	TOTAL		33,272		2,049,213	

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
WEIGHT02	WEIGHT FOR REPLICATE 02 (EXCLUDE SEG 14)	10.6	NUM	281	290	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	8.023605-146.442663	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT03	WEIGHT FOR REPLICATE 03 (EXCLUDE SEG 15)	10.6	NUM	291	300	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	8.093074-145.647559	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT04	WEIGHT FOR REPLICATE 04 (EXCLUDE SEG 18)	10.6	NUM	301	310	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	7.972281-148.230323	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT05	WEIGHT FOR REPLICATE 05 (EXCLUDE SEG 21)	10.6	NUM	311	320	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	8.181619-148.392336	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT06	WEIGHT FOR REPLICATE 06 (EXCLUDE SEG 23)	10.6	NUM	321	330	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	8.110629-142.677815	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT07	WEIGHT FOR REPLICATE 07 (EXCLUDE SEG 26)	10.6	NUM	331	340	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	8.006424-144.632374	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT08	WEIGHT FOR REPLICATE 08 (EXCLUDE SEG 28)	10.6	NUM	341	350	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	7.938429-147.528766	33,272		2,049,213		
	TOTAL	33,272		2,049,213		

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NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
WEIGHT09	WEIGHT FOR REPLICATE 09 (EXCLUDE SEG 31)	10.6	NUM	351	360	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	8.05819-146.158753	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT10	WEIGHT FOR REPLICATE 10 (EXCLUDE SEG 33)	10.6	NUM	361	370	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	7.972281-145.742633	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT11	WEIGHT FOR REPLICATE 11 (EXCLUDE SEG 35)	10.6	NUM	371	380	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	8.110629-147.891261	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT12	WEIGHT FOR REPLICATE 12 (EXCLUDE SEG 38)	10.6	NUM	381	390	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	7.92161-147.136038	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT13	WEIGHT FOR REPLICATE 13 (EXCLUDE SEG 42)	10.6	NUM	391	400	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	8.110629-148.075636	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT14	WEIGHT FOR REPLICATE 14 (EXCLUDE SEG 44)	10.6	NUM	401	410	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	8.163755-146.107748	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT15	WEIGHT FOR REPLICATE 15 (EXCLUDE SEG 46)	10.6	NUM	411	420	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	8.023605-146.751211	33,272		2,049,213		
	TOTAL	33,272		2,049,213		



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General Public-Use File

DATE: \_\_\_\_\_ July 24, 2002

NAME _____	DESCRIPTION	FORMAT	TYPE	START	END	REFERENCE
WEIGHT16	WEIGHT FOR REPLICATE 16 (EXCLUDE SEG 47)	10.6	NUM	421	430	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	8.075594-144.400078	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT17	WEIGHT FOR REPLICATE 17 (EXCLUDE SEG 52)	10.6	NUM	431	440	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	7.888186-145.867541	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT18	WEIGHT FOR REPLICATE 18 (EXCLUDE SEG 53)	10.6	NUM	441	450	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	8.308889-145.626486	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT19	WEIGHT FOR REPLICATE 19 (EXCLUDE SEG 55)	10.6	NUM	451	460	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	8.163755-147.429522	33,272		2,049,213		
	TOTAL	33,272		2,049,213		
WEIGHT20	WEIGHT FOR REPLICATE 20 (EXCLUDE SEG 58)	10.6	NUM	461	470	Pg C-15
	VALUE	UNWEIGHTED		WEIGHTED		
	8.023605-146.686393	33,272		2,049,213		
	TOTAL	33,272		2,049,213		