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Longitudinal

Mortality

Study

Extract and Analysis Files

Reference Manual, Version 4.0

Mortality Follow-up 1979—2011

July 1, 2014

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**Variable Reference Manual**

**for**

**National Longitudinal Mortality Study**

**Extract and Analysis Files**

**Version 4.0**

# INTRODUCTION

Documentation Date: July 1, 2014

The National Longitudinal Mortality Study (NLMS) is a national, longitudinal, mortality study sponsored by the [National Heart, Lung, and Blood Institute](http://www.nhlbi.nih.gov/), the [National Cancer Institute](http://www.nci.nih.gov/), the [National Institute on Aging](http://www.nia.nih.gov/), the [National Center for Health Statistics](http://www.cdc.gov/nchs/), and the [U.S. Census Bureau](http://www.census.gov/) for the purpose of studying the effects of differentials in demographic and socio-economic characteristics on mortality.

The NLMS consists of a database developed for the purpose of studying the effects of demographic and socio-economic characteristics on differentials in U.S. mortality rates. The NLMS is a unique research database in that it is based on a complex, stratified sample of the non-institutionalized population of the United States. It consists of U.S. Census Bureau data from Current Population Surveys, Annual Social and Economic Supplements, and a subset of the 1980 Census combined with death certificate information to identify mortality status and cause of death. The study currently consists of approximately 3.8 million records with over 560,000 identified mortality cases. The content of the socio-economic variables available offers researchers the potential to answer questions on mortality differentials for a variety of important socio-economic and demographic subgroups not covered as extensively in other databases. This project has generated over 85 publications in various prominent scholarly, scientific, and public health related journals.

The NLMS currently consists of Annual Social and Economic Supplements which cover the period from March 1973 to March 2011, Current Population Surveys for February 1978, April 1980, August 1980, December 1980, and September 1985, and one 1980 Census cohort, 39 cohorts in all. Mortality information is obtained from death certificates available for deceased persons through the National Center for Health Statistics. Important variables available for analyses are standard demographic and socio-economic variables such as education, income and employment as well as information collected from death certificates, including cause of death.

This documentation identifies variables selected from National Longitudinal Mortality Study (NLMS) master files for use in study analy­sis files. The variables documented in this manual were selected by study sponsors to be of immediate inter­est as the primary focus of scientific and public health research and their importance in a wide variety of study publications.

**Description Of The NLMS File Structure**

The complete database of all NLMS variables available for analysis is stored on files called "Master Files," one file for each NLMS cohort. The data available in each cohort master file vary in content depending on the interests of the original sponsor of the file. Each master file has its own format and each contains both edited and unedited data. Because of the difficulty in using variable format files and because definitions of variables change over time, the NLMS has developed two other levels of files for analysis purposes, “Extract” and “Analysis” files. *Extract Files* are ASCII, fixed format files that contain a specifically defined, sponsor selected set of variables. These variables are taken, unaltered, directly from the source Master File. This Reference Manual documents NLMS Extract and Analysis variables. To accommodate analysis, SAS data files have been developed directly from the Extract files. These are called *Analysis Files.* During the development of Analysis Files, variable standardization across cohorts is implemented. Variable modifications are documented in the Analysis File section of this Reference Manual.

Extract files are constructed by selecting the same subset of information from each NLMS Master File. Extract Files are organized to the same fixed format for all files. Each record consists of 117 variables in 339-character strings. Information relevant to death is left blank for all nondeceased persons. Extract files include fail-edit records and the set of selected variables as they are defined on the source NLMS Master File. A four-digit file description and an alphabetic letter code are the basic file identifiers associated with each cohort.

In addition to an Extract File for each cohort, a special Extract File combining data across all cohorts has been created to include the same extract file information but only for deceased persons. The file, called the "Numerator File," has the same format, variable content, and variable location as the studies’ Extract Files.

For the specific purpose of conducting matches to the National Death Index, a set of files called “Match Files” have been developed. These files consist of only those variables required for matching to the National Death Index. They also include identifiers necessary to link identified matches back to relevant NLMS records after a match. In a few instances, additional records are generated with pseudo birth dates to permit matches that would otherwise not be possi­ble because the original file only collected quarter of birth and not month of birth.

For the 2013 match to the NDI, specialized files were cre­ated containing all mortality information taken from death certificates and NLMS control numbers to permit the linking of these data to other NLMS analytical files. These files are called "Master Death Files. Characteristics of these files are not summarized in a tabular format. For persons not identified as deceased by NLMS processes, Master Death Files contain only the control number of the person and mortality outcome indicators: IND213, IND206, IND201, IND291, IND289, IND287, IND285, and IND185.

Table 1 below lists, for each cohort, the letter code and the four-digit numerical code associated with each file, a description of the survey or Census from which the data were obtained, and the NLMS official date used as the start of follow-up for the cohort. The cohorts 8603, 8703, 8803, 8903, 9009, 9203, and 9303 have multiple start dates on the file. See the description of [FACTOR](#FACTOR) for discussion of this feature and the alternative start dates that should be used.

Table 1. Cohort Notation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 01 | Cohort A | 7303 | March 1973 CPS | January 1, 1979 |
| 02 | Cohort B | 7802 | February 1978 CPS | January 1, 1979 |
| 03 | Cohort C | 7903 | March 1979 CPS | March 18, 1979 |
| 04 | Cohort D | 8014 | April 1980 CPS | April 13, 1980 |
| 05 | Cohort E | 8024 | 1980 Census E Sample | January 1, 1981 |
| 06 | Cohort F | 8008 | August 1980 CPS | August 17, 1980 |
| 07 | Cohort G | 8012 | December 1980 CPS | December 14, 1980 |
| 08 | Cohort H | 8103 | March 1981 CPS | March 15, 1981 |
| 09 | Cohort I | 8203 | March 1982 CPS | March 14, 1982 |
| 10 | Cohort J | 8303 | March 1983 CPS | March 13, 1983 |
| 11 | Cohort K | 8403 | March 1984 CPS | March 18, 1984 |
| 12 | Cohort L | 8503 | March 1985 CPS | March 17, 1985 |
| 13 | Cohort M | 8509 | September 1985 CPS | September 21, 1985 |
| 14 | Cohort N | 8603 | March 1986 CPS | March 25, 1986 |
| 15 | Cohort O | 8703 | March 1987 CPS | March 24, 1987 |
| 16 | Cohort P | 8803 | March 1988 CPS | March 22, 1988 |
| 17 | Cohort Q | 8903 | March 1989 CPS | March 28, 1989 |
| 18 | Cohort R | 9003 | March 1990 CPS | March 27, 1990 |
| 19 | Cohort S | 9103 | March 1991 CPS | March 26, 1991 |
| 20 | Cohort T | 9203 | March 1992 CPS | March 24, 1992 |
| 21 | Cohort U | 9303 | March 1993 CPS | March 23, 1993 |
| 22 | Cohort V | 9413 | March 1994 CPS | March 22, 1994 |
| 23 | Cohort W | 9503 | March 1995 CPS | March 28, 1995 |
| 24 | Cohort X | 9603 | March 1996 CPS | March 26, 1996 |
| 25 | Cohort Y | 9703 | March 1997 CPS | March 25, 1997 |
| 26 | Cohort Z | 9803 | March 1998 CPS | March 24, 1998 |
| 27 | Cohort AA | 9903 | March 1999 CPS | March 23, 1999 |
| 28 | Cohort BB | 0003 | March 2000 CPS | March 28, 2000 |
| 29 | Cohort CC | 0103 | March 2001 CPS | March 27, 2001 |
| 30 | Cohort DD | 0203 | March 2002 CPS | March 26, 2002 |
| 31 | Cohort EE | 0303 | March 2003 CPS | March 25, 2003 |
| 32 | Cohort FF | 0403 | March 2004 CPS | March 23, 2004 |
| 33 | Cohort GG | 0503 | March 2005 CPS | March 22, 2005 |
| 34 | Cohort HH | 0603 | March 2006 CPS | March 28, 2006 |
| 35 | Cohort II | 0703 | March 2007 CPS | March 27, 2007 |
| 36 | Cohort JJ | 0803 | March 2008 CPS | March 25, 2008 |
| 37 | Cohort KK | 0903 | March 2009 CPS | March 24, 2009 |
| 38 | Cohort LL | 1003 | March 2010 CPS | March 23, 2010 |
| 39 | Cohort MM | 1103 | March 2011 CPS | March 22, 2011 |

Tables 2 and 3 list basic frequencies for each of the cohort extract files. Included in Table 2 are the number of records on the file and the number of fail-edits (i.e. records lacking sufficient information to match to the NDI). Table 3 shows the number of deaths in each file by the year of the identifying match.

Table 2. File Specific Frequencies for the 2013 NDI Match

Study Records Fail-Edits

01 7303 A 131,213 1,027

02 7802 B 94,662 1,900

03 7903 C 43,098 1,518

04 8014 D 184,871 1,891

05 8024 E 124,345 143

06 8008 F 182,373 1,052

07 8012 G 177,765 2,881

08 8103 H 61,804 1,707

09 8203 I 81,480 1,599

10 8303 J 81,281 2,070

11 8403 K 80,732 3,234

12 8503 L 80,071 3,368

13 8509 M 144,698 25

14 8603 N 46,022 7

15 8703 O 45,271 7

16 8803 P 45,479 6

17 8903 Q 41,925 7

18 9003 R 44,285 6

19 9103 S 49,037 9

20 9203 T 43,550 5

21 9303 U 62,899 2,304

22 9413 V 103,286 728

23 9503 W 75,485 579

24 9603 X 65,555 666

25 9703 Y 66,394 654

26 9803 Z 66,173 732

27 9903 AA 69,175 98

28 0003 BB 69,322 633

29 0103 CC 78,937 105

30 0203 DD 79,522 110

31 0303 EE 154,405 26,401

32 0403 FF 151,309 26,773

33 0503 GG 161,257 29,419

34 0603 HH 134,463 11,803

35 0703 II 133,742 12,129

36 0803 JJ 130,055 11,228

37 0903 KK 132,629 18,749

38 1003 LL 131,468 18,441

39 1103 MM 130,061 16,318

Total 3,780,099 200,332

**NOTES:**

1. "Records" gives the total number of all records on the NLMS cohort Master File.

2. "Fail-edits" are the number of records on the file that failed edit and are, therefore, ineligible for a match to the NDI. These records are not considered to be part of the NLMS for analytical purposes since mortality cannot be determined.

Table 3. Mortality by Year of Match

Mortality by Year of Match

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Study | 83 | 85 | 87 | 89 | 91 | 01 | 06 | 13 |
|  |  |  |  |  |  |  |  |  |
| 01 7303 A | 3,000 | 5,250 | 7,410 | 9,684 | 11,967 | 22,790 | 28,289 | 38,790 |
| 02 7802 B | 2,540 | 4,468 | 6,397 | 8,406 | 10,379 | 20,020 | 24,815 | 34,398 |
| 03 7903 C | 712 | 1,331 | 1,916 | 2,509 | 3,178 | 6,306 | 7,800 | 10,844 |
| 04 8014 D | 2,102 | 4,756 | 7,647 | 10,607 | 13,733 | 28,336 | 35,266 | 49,503 |
| 05 8024 E | 1,168 | 3,585 | 6,128 | 8,517 | 11,147 | 23,468 | 30,715 | 41,760 |
| 06 8008 F | 1,653 | 4,276 | 7,165 | 10,036 | 12,926 | 27,225 | 33,559 | 47,165 |
| 07 8012 G | 1,165 | 3,576 | 6,147 | 8,855 | 11,690 | 25,191 | 31,173 | 43,681 |
| 08 8103 H | 297 | 1,166 | 2,048 | 2,915 | 3,853 | 8,553 | 10,821 | 15,520 |
| 09 8203 I | 0 | 949 | 2,076 | 3,280 | 4,486 | 10,678 | 13,647 | 19,614 |
| 10 8303 J | 0 | 357 | 1,464 | 2,566 | 3,749 | 9,579 | 12,394 | 18,230 |
| 11 8403 K | 0 | 0 | 872 | 1,956 | 3,117 | 8,850 | 11,710 | 17,386 |
| 12 8503 L | 0 | 0 | 378 | 1,459 | 2,529 | 8,131 | 10,974 | 16,613 |
| 13 8509 M | 0 | 0 | 0 | 0 | 3,658 | 12,593 | 16,548 | 24,885 |
| 14 8603 N | 0 | 0 | 0 | 0 | 0 | 6,411 | 8,676 | 13,746 |
| 15 8703 O | 0 | 0 | 0 | 0 | 0 | 5,606 | 7,902 | 12,857 |
| 16 8803 P | 0 | 0 | 0 | 0 | 0 | 5,246 | 7,569 | 12,721 |
| 17 8903 Q | 0 | 0 | 0 | 0 | 0 | 4,305 | 6,408 | 10,997 |
| 18 9003 R | 0 | 0 | 0 | 0 | 0 | 4,000 | 6,144 | 10,868 |
| 19 9103 S | 0 | 0 | 0 | 0 | 0 | 3,355 | 5,896 | 11,072 |
| 20 9203 T | 0 | 0 | 0 | 0 | 0 | 2,908 | 4,883 | 9,634 |
| 21 9303 U | 0 | 0 | 0 | 0 | 0 | 2,765 | 5,192 | 10,249 |
| 22 9413 V | 0 | 0 | 0 | 0 | 0 | 3,086 | 6,160 | 12,498 |
| 23 9503 W | 0 | 0 | 0 | 0 | 0 | 1,827 | 4,142 | 8,892 |
| 24 9603 X | 0 | 0 | 0 | 0 | 0 | 1,105 | 2,929 | 7,005 |
| 25 9703 Y | 0 | 0 | 0 | 0 | 0 | 722 | 2,489 | 6,483 |
| 26 9803 Z | 0 | 0 | 0 | 0 | 0 | 259 | 1,888 | 5,885 |
| 27 9903 AA | 0 | 0 | 0 | 0 | 0 | 0 | 1,350 | 5,628 |
| 28 0003 BB | 0 | 0 | 0 | 0 | 0 | 0 | 999 | 6,046 |
| 29 0103 CC | 0 | 0 | 0 | 0 | 0 | 0 | 685 | 5,083 |
| 30 0203 DD | 0 | 0 | 0 | 0 | 0 | 0 | 320 | 4,824 |
| 31 0303 EE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,410 |
| 32 0403 FF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,571 |
| 33 0503 GG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,229 |
| 34 0603 HH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,598 |
| 35 0703 II | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,969 |
| 36 0803 JJ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,268 |
| 37 0903 KK | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,658 |
| 38 1003 LL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,048 |
| 39 1103 MM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 379 |
|  |  |  |  |  |  |  |  |  |
| Total | 12,637 | 29,714 | 49,648 | 70,790 | 96,412 | 253,315 | 341,343 | 559,007 |

**NOTE:** "Mortality by Year of Match" gives mortality count according to the relevant mortality indicator appropriate to the data complete through the indicated year. Frequencies are cumulative totals through the match year shown.

**Features of the Documentation**

The purpose of this Reference Manual is to document the NLMS and describe the variables available to researchers for immediate analysis. A brief description and a summary of useful information about the location of each variable on the *Extract* File serve as the index to this manual. The Index gives a variable description, the variable name in eight or fewer characters, page location in the Reference Manual of the full variable discussion in both the *Extract* and *Analysis* files, variable location on the Extract File, and variable edit status. The eight-digit label will be used in all NLMS software to refer to the variable and it will serve as the *Analysis* Files SAS dataset variable name. The location of each variable on the *Extract* File is identified in the index by its actual location in characters under the heading "LOCATION”. The size of the variable is the number of characters reserved on the record for the variable.

Throughout the text there are links that point from the index to the *Extract* and *Analysis* versions of every variable and then back to the index. There are also links between the *Extract* and *Analysis* file versions of each variable. Running headers indicate the general category of variables as well as whether the reader is in the *Extract* or *Analysis* portion of the manual.

The body of the Reference Manual contains a full description of each *Extract* file variable. The descriptive portion of the text is identified by the expression "DESCRIPTION**.**" Possible codes and frequencies on relevant files are identified for each variable. Any restrictions or special conditions are also noted. When possible, an attempt has been made during the construction of *Analysis* Files to standardize the original master file codes so that variable values are consistent across cohorts. If not documented in the Analysis File section of the Reference Manual, no standardization has been made for the variable and *Analysis* File frequencies would be as indicated in the *Extract* File description portion of this manual.

File-specific variable frequencies have been included in this Reference Manual along with the variable descriptions, for all variables for which the number of levels of the variable was small enough to construct a display table. Frequencies are shown for legitimate as well as illegitimate codes. Entries in this documentation are intended to reflect all entries on each file for all basic variables in the study.

**Comments on File Definition**

Not all records available in the respective CPS surveys or the Census sub-sample are part of the NLMS study because some records lack the required information to match to the National Death Index. These records are identified as failed edit records. For each match of NLMS records to the NDI, one or two indicator variables are created. These indicator variables are identified in the “*Fail-Edit and Mortality Indicators*” section of the Index (p10). A value of 0 or 1 for these indicator variables indicates a fail edit record for that match to the NDI. Fail-edit frequencies for each cohort for IND213 are shown in Table 2.

For a small percentage of records in cohorts A, B, C, D, and F, a link could not be made between the data file record and the con­trol file, the source of the NLMS Master File information. As a result, these records consist of control file information only and may not include desirable demographic or socio-economic information of interest to an analysis. The total number of records that did not link is also shown in Table 2. The frequency of "unknown" responses for variables described in this manual may include frequencies for records that did not link.

**Three Files with Special Restrictions**

*Cohort A*, based on the 1973 CPS survey, consists of persons identified as alive six years before the beginning of the National Death index in 1979. The NLMS is unable to determine which persons in this cohort died during the approximately six-year interim period between the end of interview in March 1973 and January 1, 1979, the starting date of the National Death Index. For most analyses, tables constructed using this file should not be included or should exclude persons older than 64 years of age in 1979. This would correspond to removing from analysis those persons whose actual age on the file is more than 58 years. By deleting persons 58 years of age or older, the persons having the greatest chance of dying during the 6 year period before the start of mortality follow-up would not be considered for analysis.

A similar problem also applies to the February 1978 cohort, *Cohort B*. In this case the lack of follow-up potential is for the interim period from February 1978 to January 1979, a period of approximately 10 months. In 2008 a determination of mortality for records in the 7303 and 7802 cohorts was made by comparing these files to Social Security Administration NUMIDENT files to identify mortality prior to 1979. Mortality identified in this process is identified by an IND213 value of “5.” Records identified in this way should be considered as failed edits and dropped from analyses. Records in these cohorts not identified by fail edit status of 0, 1, or 5 would be eligible for analysis and follow-up beginning in 1979.

Due to the lengthy follow-up period required to complete the 1980 Cen­sus, records for persons in the NLMS 1980 Census cohort, *Cohort E* who died in 1980 were considered to be inva­lid and the start of follow-up for this cohort was set to January 1, 1981.

**The September 1985 "Tobacco Use" File**

At the conclusion of the 1989 match to the NDI a new file, the Sep­tember 1985 CPS file (cohort M), was added to the NLMS list of study cohorts. This file was constructed for the specific purpose of studying the tobacco use and health status variables obtained in the September 1985 CPS interview. The file consists of the full 155-character Extract File record, as for all other cohorts in the NLMS, with an appended section that con­tains the tobacco use and health status information, an additional 42 characters. Tallies and descriptions of variables occupying the first 155 characters have been incorporated into the main portion of the Reference Manual. The tobacco use and health status variables are documented in [Appendix A](#APP_A) as a regular continuation of this Reference Manual but with warnings that this information is only available on the 8509 file.

**Creation of the Analysis File SAS Datasets**

SAS datasets, derived from each of the NLMS Extract files de­scribed in Table 1, have been created for analysis purposes. These files are referred to as, “Analysis Files.” In the process of creating analysis files, a variety of edits were performed to both standardize variables and expedite analyses.

The results of these edits are found in the Analysis File section of this documentation. Three basic types of edits may be performed on a variable: simple edits, are recoding of variables to a missing value code because of an inabil­ity to collect data; invalid entry edits, are recodings of obvious data keying errors to missing; recoding ed­its , edits made to standardize variable values across files. If the edits are simple or invalid entry, frequency counts are as shown in the body of the Reference Manual for the meaningful levels of the variables. For recoding edits, the final frequency distribution is given in the Analysis File. A set of columns in the Reference Manual index, labeled, “EDITS,” indicates any edits performed, and these indications are echoed in the *Extract* and *Analysis* File entries for each variable.

**Confidentiality of NLMS Data**

Title 13 of the United States Code (U.S.C.) provides the assurance of confidentiality of Census Bureau data. As such, NLMS operational procedures carefully follow well-defined practices designed to maintain the confidentiality of personal records as required by Title 13. These practices include the prevention of disclosure through the elimination of sparse cells in publications, the prohibited release of small-area geographical information on the NLMS public-use file, the use of an individually assigned NLMS control number to identify records instead of the use of personal identifiers for these purposes, and the restriction of persons having direct access to the NLMS database. A violation of Title 13 includes assessment of severe penalties including a prison term of up to 5 years and/or fines of up to $250,000, for any individual found guilty of releasing confidential information. In addition, any data acquired for NLMS purposes from an external agency is acquired under strict confidentiality protections and agreements that govern its use and subsequent release.

# NLMS Index and Record Format as of July 1, 2014

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|  |  |  | **PAGE NO.** | | **EXTRACT INFO** | | **EDITS** | | |
| **ITEM NO.** | **DESCRIPTION** | **VARIABLE NAME** | **EXTRACT** | **ANALYSIS** | **LOCATION** | **SIZE** | **SIMPLE** | **INVALID ENTRY** | **RECODE** |
|  | **File and Survey Variables** |  |  |  |  |  |  |  |  |
| 1 | NDI/CPS Control No. | [CCNUM](#CCNUM) | 15 | NA | 1 | 10 |  |  |  |
| 2 | Code for Specific Master File | [FILE](#FILE) | 17 | NA | 130 | 2 |  |  |  |
| 3 | Exposure Factor in Years (X 100) | [FACTOR](#FACTOR) | 18 | NA | 30 | 4 |  |  |  |
| 4 | Serial # in CPS/  Control # in Census | [SERN](#SERN) | 20 | NA | 180 | 2 |  |  |  |
| 5 | Household ID No. | [HHID](#HHID) | 21 | NA | 24 | 5 |  |  |  |
| 6 | SSN Present or Absent on NDI File | [SSNYN](#SSNYN) | 22 | NA | 114 | 1 |  |  |  |
| 7 | Validated SSN | [VALIDSSN](#VALIDSSN) | 23 | NA | 239 | 1 |  |  |  |
| 8 | Match Key/SSN Collection Month | [MATCHKEY](#MATCHKEY) | 25 | NA | 156 | 1 |  |  |  |
| 9 | Start Date | [START](#START_DT) | 26 | NA | 157 | 10 |  |  |  |
|  | **Fail-Edit and Mortality Indicators** |  |  |  |  |  |  |  |  |
| 10 | Match Status in 1983 Match | [IND1](#IND1) | 28 | NA | 69 | 1 |  |  |  |
| 11 | Death Indicator in 1983 Match | [IND2](#IND2) | 29 | NA | 70 | 1 |  |  |  |
| 12 | Match Status in 1985 Match | [IND185](#IND185) | 30 | NA | 129 | 1 |  |  |  |
| 13 | Death Indicator in 1985 Match | [IND285](#IND285) | 31 | NA | 134 | 1 |  |  |  |
| 14 | Death Indicator in 1987 Match | [IND287](#IND287) | 32 | NA | 139 | 1 |  |  |  |
| 15 | Death Indicator in 1989 Match | [IND289](#IND289) | 33 | NA | 140 | 1 |  |  |  |
| 16 | Death Indicator in 1991 Match | [IND291](#IND291) | 34 | NA | 141 | 1 |  |  |  |
| 17 | Death Indicator in 2001 Match | [IND201](#IND201) | 35 | NA | 142 | 1 |  |  |  |
| 18 | Death Indicator in 2006 Match | [IND206](#IND206) | 36 | NA | 261 | 1 |  |  |  |
| 19 | Death Indicator in 2013 Match | [IND213](#IND213) | 37 | NA | 300 | 1 |  |  |  |
| 20 | Alive or Dead in the 2006 Match | [LIFE](#LIFE) | NA | [223](#LIFE_19) | NA | NA |  |  |  |
| 21 | Valid for Analysis as of 2006 Match | [VALID](#VALID) | NA | [224](#VALID_20) | NA | NA |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **PAGE NO.** | | **EXTRACT INFO** | | **EDITS** | | |
| **ITEM NO.** | **DESCRIPTION** | **VARIABLE NAME** | **EXTRACT** | **ANALYSIS** | **LOCATION** | **SIZE** | **SIMPLE** | **INVAID ENTRY** | **RECODE** |
|  | **Geography** |  |  |  |  |  |  |  |  |
| 22 | Census Geographical Division | [DIV](#DIV) | 40 | [225](#DIV_21) | 34 | 1 | X |  |  |
| 23 | State within Division | [STATE](#STATE) | 42 | [225](#STATE_22) | 35 | 1 | X |  |  |
| 24 | Division-State Concatenated | [STATER](#STATER) | NA | [226](#STATER_23) | NA | NA | X |  |  |
| 25 | FIPS State Code | [FIPSSTATE](#FIPSSTATE) | NA | [231](#FIPSSTATE_24) | NA | NA |  |  |  |
| 26 | FIPS County Code | [COUNTY](#COUNTY) | 44 | NA | 15 | 3 |  |  |  |
| 27 | CPS PSU for Surveys/  "DO" for Census | [PSU](#PSU) | 45 | NA | 171 | 5 |  |  |  |
| 28 | PSU Type | [PSUTYPE](#PSUTYPE) | 46 | NA | 240 | 1 |  |  |  |
| 29 | CPS Segment for Surveys/"ED" for Census | [SEG](#SEG) | 48 | NA | 176 | 4 |  |  |  |
| 30 | Urban-Rural Status | [URB](#URB) | 49 | [237](#URB_29) | 11 | 1 | X |  |  |
| 31 | SMSA Status | [SMSAST](#SMSAST) | 51 | [237](#SMSAST_30) | 12 | 1 | X |  |  |
| 32 | SMSA Rank | [SMSAR](#SMSAR) | 53 | [237](#SMSAR_31) | 36 | 2 |  | X |  |
| 33 | Urban/Rural Farm/Rural Nonfarm | [LAND](#LAND) | 55 | [238](#LAND_32) | 13 | 1 |  |  | X |
|  | **Age, Birth Information, and Gender** |  |  |  |  |  |  |  |  |
| 34 | Age in Years at Time of Survey | [AGE](#AGE) | 57 | [239](#AGE_33) | 50 | 2 | X |  | X |
| 35 | Century of Birth | [CENT](#CENT) | 59 | NA | 52 | 1 |  |  |  |
| 36 | Month of Birth | [MOB](#MOB) | 60 | [249](#MOB_35) | 112 | 2 | X | X |  |
| 37 | Year of Birth | [YOB](#YOB) | 63 | [250](#YOB_36) | 53 | 2 |  | X |  |
| 38 | Final Sex from Multiple Sources | [SEXF](#SEXF) | 65 | [251](#SEXF_37) | 185 | 1 | X |  |  |
| 39 | Date of Birth — from SSA Numident | [DOBN](#DOBN) | 67 | NA | 272 | 10 |  |  |  |
| 40 | Citizenship Group | [CITIZEN](#CITIZEN) | 68 | [251](#CITIZEN_A) | 323 | 1 | X |  |  |
| 41 | Place of Birth | [POB](#POB) | 69 | [251](#POB_39) | 55 | 2 | X |  |  |
| 42 | Place of Birth — Final | [POBF](#POBF) | 71 | NA | 288 | 3 |  |  |  |
| 43 | Three-Way Classification of POBF | [POBFCAT3](#POBFCAT3) | 73 | NA | 291 | 1 |  |  |  |
| 44 | Four-Way Classification of POBF | [POBFCAT4](#POBFCAT4) | 74 | NA | 292 | 1 |  |  |  |
| 45 | Five-Way Classification of POBF | [POBFCAT5](#POBFCAT5) | 75 | NA | 293 | 1 |  |  |  |
| 46 | Region of Birth | [REGIONOB](#REGIONOB) | 76 | NA | 294 | 1 |  |  |  |
| 47 | Region of Birth Isolating the US | [REGIONOBG](#REGIONOBG) | 77 | NA | 295 | 1 |  |  |  |
| 48 | Region of Birth Isolating Mexico | [REGIONOBM](#REGIONOBM) | 78 | NA | 296 | 2 |  |  |  |
| 49 | Reg. Birth Iso. Mexico, Splits Europe | [REGIONOBE](#REGIONOBE) | 79 | NA | 298 | 2 |  |  |  |
|  |  |  | **PAGE NO.** | | **EXTRACT INFO** | | **EDITS** | | |
| **ITEM NO.** | **DESCRIPTION** | **VARIABLE NAME** | **EXTRACT** | **ANALYSIS** | **LOCATION** | **SIZE** | **SIMPLE** | **INVAID ENTRY** | **RECODE** |
|  | **Race and Ethnicity** |  |  |  |  |  |  |  |  |
| 50 | Race | [RACE](#RACE) | 80 | NA | 60 | 1 |  |  |  |
| 51 | Race Recode — White/Black/Other | [RACER](#RACER) | 83 | [254](#RACER_49) | 61 | 1 | X | X | X |
| 52 | Race Expanded w/ American Indian & Asian | [RACEX](#RACEX) | 86 | [256](#RACEX_50) | 132 | 1 | X | X | X |
| 53 | Detailed Race 2000 CPS Redesign | [RACEPRDT](#RACEPRDT) | 89 | [258](#RACEPRDT_A) | 321 | 2 | X |  |  |
| 54 | Asian or Pacific Islander, 10 categ. | [CATIAPI](#CATIAPI) | 91 | NA | 169 | 2 |  |  |  |
| 55 | Hispanic Origin | [HISP](#HISP) | 93 | [261](#HISP_52) | 57 | 1 | X |  | X |
| 56 | Ethnic Origin or Descent | [ORIGIN](#ORIGIN) | 95 | [263](#ORIGIN_53) | 58 | 2 |  |  | X |
|  | **Marital Status/**  **Household Relationship** |  |  |  |  |  |  |  |  |
| 57 | Marital Status | [MS](#MS) | 99 | [265](#MS_54) | 64 | 1 |  |  | X |
| 58 | Relationship to Reference Person | [RELTRF](#RELTRF) | 103 | [267](#RELTRF_55) | 20 | 1 | X |  |  |
| 59 | Relationship to Household Head | [RELTHD](#RELTHD) | 105 | [269](#RELTHD_56) | 21 | 1 | X |  |  |
|  | **Education** |  |  |  |  |  |  |  |  |
| 60 | Education | [EDUC](#EDUC) | 108 | [270](#EDUC_57) | 66 | 2 |  |  | X |
|  | **Work Force Variables** |  |  |  |  |  |  |  |  |
| 61 | Employment Status | [ESR](#ESR) | 112 | [273](#ESR_60) | 49 | 1 | X |  | X |
| 62 | Industry Using 1990 Codes | [IND1990](#IND1990) | 114 | [275](#IND1990_61) | 39 | 3 | X | X |  |
| 63 | Major industry Using 1990 Codes | [MAJIND90](#MAJIND90) | 116 | [276](#MAJIND90_62) | 42 | 2 | X |  | X |
| 64 | Industry Using 2007 Codes | [IND2007](#IND2007) | 119 | [279](#IND2007_A) | 324 | 4 | X |  |  |
| 65 | Major Industry Using 2007 Codes | [MAJIND2007](#MAJIND2007) | 121 | [280](#MAJIND2007_A) | 328 | 2 | X |  |  |
| 66 | Occupation Using 1990 Codes | [OCC1990](#OCC1990) | 124 | [282](#OCC1990_63) | 44 | 3 | X | X |  |
| 67 | Major Occupation Using 1990 Codes | [MAJOCC90](#MAJOCC90) | 126 | [283](#MAJOCC90_64) | 47 | 2 | X |  | X |
| 68 | Occupation Using 2000 Codes | [OCC2000](#OCC2000) | 129 | [286](#OCC2000_A) | 330 | 4 | X |  | X |
| 69 | Major Occupation Using 2000 Codes | [MAJOCC2000](#MAJOCC2000) | 131 | [287](#MAJOCC2000_A) | 334 | 2 | X | X |  |
| 70 | Class of Worker | [CLASSWKR](#CLASSWKR) | 133 | [289](#CLASSWKR_65) | 182 | 2 | X |  | X |
| 71 | Class of Worker, Recode | [RCOW1](#RCOW1) | 137 | [292](#RCOW1_66) | 184 | 1 |  | X | X |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  | **PAGE NO.** | | **EXTRACT INFO** | | **EDITS** | | |
| **ITEM NO.** | | **DESCRIPTION** | **VARIABLE NAME** | **EXTRACT** | **ANALYSIS** | **LOCATION** | **SIZE** | **SIMPLE** | **INVAID ENTRY** | **RECODE** |
|  | **Other Demographics** | |  |  |  |  |  |  |  |  |
| 72 | Veterans Status | | [VTSTAT](#VTSTAT) | 139 | [294](#VTSTAT_67) | 14 | 1 | X | X |  |
| 73 | Migration | | [MIGRAT](#MIGRAT) | 141 | [296](#MIGRAT_68) | 167 | 2 | X |  | X |
|  | | **Family Income and Poverty** |  |  |  |  |  |  |  |  |
| 74 | | Adjusted income | [FMINC80](#FMINC80) | 146 | [299](#FMINC80_69) | 29 | 1 | X |  | X |
| 75 | | Family Income in Dollars | [FMINCOME](#FMINCOME) | 148 | NA | 104 | 8 |  |  |  |
| 76 | | Family Income Category | [FMINC90](#FMINC90) | 149 | [301](#FMINC90_71) | 143 | 2 | X |  |  |
| 77 | | Family Income Category | [FINC8090](#FINC8090) | 151 | [302](#FINC8090_72) | 145 | 1 |  | X | X |
| 78 | | Adjusted Income in 1990 Dollars | [DOLINC90](#DOLINC90) | 153 | NA | 146 | 8 |  |  |  |
| 79 | | Percent of Poverty Level | [POVPCT90](#POVPCT90) | 154 | [304](#POVPCT90_74) | 154 | 2 | X |  |  |
|  | | **Household Characteristics** |  |  |  |  |  |  |  |  |
| 80 | | Number in Household | [HHNUM](#HHNUM) | 158 | [305](#HHNUM_75) | 22 | 2 | X |  |  |
| 81 | | Type of Living Quarters | [LIVTYP](#LIVTYP) | 162 | [306](#LIVTYP_76) | 18 | 2 |  | X | X |
| 82 | | House Owned or Rented | [RENTER](#RENTER) | 165 | [308](#RENTER_77) | 241 | 1 | X |  |  |
|  | | **Health Insurance and Health Status** |  |  |  |  |  |  |  |  |
| 83 | | Health Insurance Status | [HISTATUS](#HISTATUS) | 166 | NA | 186 | 1 |  |  |  |
| 84 | | Health Insurance Type | [HITYPE](#HITYPE) | 168 | NA | 187 | 1 |  |  |  |
| 85 | | General Health | [HEALTH](#HEALTH) | 170 | NA | 188 | 2 |  |  |  |
|  | | **Tobacco-Use Variables** |  |  |  |  |  |  |  |  |
| 86 | | Smoked More Than 100 Cigarettes | [SMOK100](#SMOK100) | 171 | NA | 242 | 1 |  |  |  |
| 87 | | Age Started Smoking | [AGESMK](#AGESMK) | 172 | NA | 243 | 2 |  |  |  |
| 88 | | Smoking Frequency | [SMOKER](#SMOKER) | 176 | NA | 245 | 2 |  |  |  |
| 89 | | Average Cigarettes Daily | [AVNMCIGS](#AVNMCIGS) | 177 | NA | 247 | 2 |  |  |  |
| 90 | | Smoking Follow-up Start (File) | [SMKFLSTR](#SMKFLSTR) | 180 | NA | 249 | 2 |  |  |  |
| 91 | | Smoking Follow-up Start Date | [SMKSTART](#SMKSTART) | 183 | NA | 251 | 10 |  |  |  |
| 92 | | Cigarette Smoking Status | [SMOKSTAT](#SMOKSTAT) | 185 | [311](#SMOKSTAT_A) | 336 | 2 | X | X |  |
| 93 | | Rules for Smoking Cigarettes in the Home | [SMOKHOME](#SMOKHOME) | 186 | [311](#SMOKHOME_A) | 338 | 2 | X | X |  |
| 94 | | Ever Use Smokeless Tobacco | [EVERUSE](#EVERUSE) | 187 | NA | 331 | 5 |  |  |  |
| 95 | | Current Use Smokeless Tobacco | [CURRUSE](#CURRUSE) | 190 | NA | 306 | 5 |  |  |  |
|  | |  |  | **PAGE NO.** | | **EXTRACT INFO** | | **EDITS** | | |
| **ITEM NO.** | | **DESCRIPTION** | **VARIABLE NAME** | **EXTRACT** | **ANALYSIS** | **LOCATION** | **SIZE** | **SIMPLE** | **INVAID ENTRY** | **RECODE** |
|  | | **Death Certificate Information** |  |  |  |  |  |  |  |  |
| 96 | | Death Certificate Number | [DCNUM](#DCNUM) | 193 | NA | 84 | 6 |  |  |  |
| 97 | | State of Death | [SOD](#SOD) | 194 | NA | 81 | 3 |  |  |  |
| 98 | | Date of Death | [DOD](#DOD) | 195 | NA | 71 | 6 |  |  |  |
| 99 | | ICD-9,ICD-10 Underlying Cause of Death | [UCAUSE](#UCAUSE) | 203 | [312](#UCAUSE_90) | 77 | 4 | X |  |  |
| 100 | | First 3 Characters of Underlying Cause | [CAUSE3](#CAUSE3) | NA | [312](#CAUSE3_91) | NA | NA |  |  |  |
| 101 | | 113 Selected Causes of Death | [CAUSE113](#CAUSE113) | NA | [313](#CAUSE113_92) | 266 | 4 |  |  |  |
| 102 | | Hospital Type | [HOSP](#HOSP) | 206 | NA | 115 | 1 |  |  |  |
| 103 | | Did Death Occur in a Hospital | [HOSPD](#HOSPD) | 208 | NA | 116 | 1 |  |  |  |
| 104 | | Time from Onset to Cause of Death | [INTERV](#INTERV) | 210 | NA | 117 | 1 |  |  |  |
|  | | **Case Weights** |  |  |  |  |  |  |  |  |
| 105 | | Weight — Race Variable Used | [WGT1](#WGT1) | 213 | NA | 191 | 12.5 |  |  |  |
| 106 | | Weight — Race Used, EOTF Included | [WGT2](#WGT2) | 214 | NA | 203 | 12.5 |  |  |  |
| 107 | | Weight — Race Not Used | [WGT3](#WGT3) | 215 | NA | 215 | 12.5 |  |  |  |
| 108 | | Weight — Race Not Used, EOTF Included | [WGT4](#WGT4) | 216 | NA | 227 | 12.5 |  |  |  |

# EXTRACT FILE

**Variable Description and Codes**

**July 1, 2014**

**FILE AND SURVEY VARIABLES**

**1. NDI/CPS Control Number** **CCNUM** [Return to Index](#INDEX1_1)

**EDITS:** None

**DESCRIPTION:** Unique NDI identification number. First four digits represent the file but are not necessarily a unique code for the file. The digits for each file and the total records counts for the file are:

**AVAILABLE FILES:** All files

7303 March 1973 CPS file (131,213)

7802 February 1978 CPS file (94,662)

790\_ March1 1979 CPS file (43,098)

8014 April 1980 CPS file (184,871)

8024 1980 Census E-sample file (124,345)

8008 August 1980 CPS file (182,373)

8012 December 1980 CPS file (177,765)

810\_ March1 1981 CPS file (61,804)

820\_ March1 1982 CPS file (81,480)

830\_ March1 1983 CPS file (81,281)

840\_ March1 1984 CPS file (80,732)

850\_ March1 1985 CPS file (80,071)

8603 March 1986 CPS file (46,022)

8703 March 1987 CPS file (45,271)

8803 March 1988 CPS file (45,479)

8903 March 1989 CPS file (41,925)

9003 March 1990 CPS file (44,285)

9103 March 1991 CPS file (49,037)

9203 March 1992 CPS file (43,550)

9303 March 1993 CPS file (62,899)

9413 March 1994 CPS file (103,286)

9503 March 1995 CPS file (75,485)

9603 March 1996 CPS file (65,555)

9703 March 1997 CPS file (66,394)

9803 March 1998 CPS file (66,173)

9903 March 1999 CPS file (69,175)

0003 March 2000 CPS file (69,322)

0103 March 2001 CPS file (78,937)

0203 March 2002 CPS file (79,522)

0303 March 2003 CPS file (154,405)

0403 March 2004 CPS file (151,309)

0503 March 2005 CPS file (161,257)

0603 March 2006 CPS file (134,463)

0703 March 2007 CPS file (133,742)

0803 March 2008 CPS file (130,055)

0903 March 2009 CPS file (132,629)

1003 March 2010 CPS file (131,468)

1103 March 2011 CPS file (130,061)

1The four-digit code for these six cohorts is not unique within the cohort. Generally, throughout the documentation, the labels will refer to the year and month in the standard format for these files, i.e. 7903, 8103, 8203, 8303, 8403, and 8503 respectively.

**2. Code for Specific Master File** **FILE** [Return to Index](#INDEX1_1)

**EDITS:** None

**DESCRIPTION:** A numerical code to identify the cohort.

**NOTE:** Values assigned to the variable FILE identify the file and represent a chronological ordering of the files.

**AVAILABLE FILES:** All files

**CODES for files:** All files

01 — 7303 or 'A' cohort

02 — 7802 or 'B' cohort

03 — 7903 or 'C' cohort

04 — 8014 or 'D' cohort

05 — 8024 or 'E' cohort

06 — 8008 or 'F' cohort

07 — 8012 or 'G' cohort

08 — 8103 or 'H' cohort

09 — 8203 or 'I' cohort

10 — 8303 or 'J' cohort

11 — 8403 or 'K' cohort

12 — 8503 or 'L' cohort

13 — 8509 or 'M' cohort

14 — 8603 or 'N' cohort

15 — 8703 or 'O' cohort

16 — 8803 or 'P' cohort

17 — 8903 or 'Q' cohort

18 — 9003 or 'R' cohort

19 — 9103 or 'S' cohort

20 — 9203 or 'T' cohort

21 — 9303 or 'U' cohort

22 — 9413 or 'V' cohort

23 — 9503 or 'W' cohort

24 — 9603 or 'X' cohort

25 — 9703 or 'Y' cohort

26 — 9803 or 'Z' cohort

27 — 9903 or ‘AA’ cohort

28 — 0003 or ‘BB’ cohort

29 — 0103 or ‘CC’ cohort

30 — 0203 or ‘DD’ cohort

31 — 0303 or 'EE' cohort

32 — 0403 or 'FF' cohort

33 — 0503 or ‘GG’ cohort

34 — 0603 or ‘HH’ cohort

35 — 0703 or ‘II’ cohort

36 — 0803 or ‘JJ’ cohort

37 — 0903 or ‘KK’ cohort

38 — 1003 or ‘LL’ cohort

39 — 1103 or ‘MM’ cohort

**3. Exposure Factor in Years (X 100)** **FACTOR** [Return to Index](#INDEX1_1)

[Return to Extract File Introduction](#Tab1)

**EDITS:** None

**DESCRIPTION:** A constant determined for each file giving the follow-up time for the record, in years X 100, during the 1979–2011 follow-up period.

**NOTE:** For some cohorts, subsets of records have different start times than the majority of records of the cohort. These alternate start times exist because Social Security Numbers were not collected during the standard March visit normally used by the NLMS. Instead, the Social Security Number was collected at a different household visit, usually a year later. In order to increase the number of records on follow-up in the NLMS, the Social Security Number was taken from the survey in which it was collected. The table below identifies these alternate factors and alternative start dates. These factors and associated start dates should be used as required for all analyses involving follow-up.

Cohort Alternative Start Date

8603 March 24, 1987

8703 March 22, 1988

8803 March 28, 1989

8903 March 27, 1990

9003 March 26, 1991

9203 March 23, 1993

9303 January 25, 1994

9303 February 22, 1994

9303 March 22, 1994

**AVAILABLE FILES:** All files

**FREQUENCIES:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cohort | Start Date | Factor | Frequency | Cohort Total |
| 7303 | 01/01/79 | 3300 | 131,213 |  |
| 7802 | 01/01/79 | 3300 | 94,662 |  |
| 7903 | 03/18/79 | 3279 | 43,098 |  |
| 8014 | 04/13/80 | 3172 | 184,871 |  |
| 8024 | 01/01/81 | -- | 124,345 |  |
| 8008 | 08/17/80 | 3137 | 182,373 |  |
| 8012 | 12/14/80 | 3105 | 177,765 |  |
| 8103 | 03/15/81 | 3080 | 61,804 |  |
| 8203 | 03/14/82 | 2980 | 81,480 |  |
| 8303 | 03/13/83 | 2880 | 81,281 |  |
| 8403 | 03/18/84 | 2779 | 80,732 |  |
| 8503 | 03/17/85 | 2679 | 80,071 |  |
| 8509 | 09/21/85 | 2628 | 144,698 |  |
|  |  |  |  |  |
| 8603 | 03/25/86 | 2577 | 44,059 |  |
| 8603 | 03/24/87 | 2477 | 1,963 | 46,022 |
|  |  |  |  |  |
| 8703 | 03/24/87 | 2477 | 43,301 |  |
| 8703 | 03/22/88 | 2378 | 1,970 | 45,271 |
| Cohort (cont.) | Start Date | Factor | Frequency | Cohort Total |
| 8803 | 03/22/88 | 2378 | 43,564 |  |
| 8803 | 03/28/89 | 2276 | 1,915 | 45,479 |
| 8903 | 03/28/89 | 2276 | 39,945 |  |
| 8903 | 03/27/90 | 2176 | 1,980 | 41,925 |
|  |  |  |  |  |
| 9003 | 03/27/90 | 2176 | 42,190 |  |
| 9003 | 03/26/91 | 2077 | 2,095 | 44,285 |
|  |  |  |  |  |
| 9103 | 03/26/91 | 2077 | 49,037 |  |
|  |  |  |  |  |
| 9203 | 03/24/92 | 1977 | 41,629 |  |
| 9203 | 03/23/93 | 1877 | 1,921 | 43,550 |
|  |  |  |  |  |
| 9303 | 03/23/93 | 1877 | 59,095 |  |
| 9303 | 01/25/94 | 1793 | 104 |  |
| 9303 | 02/22/94 | 1785 | 49 |  |
| 9303 | 03/22/94 | 1778 | 3,651 | 62,899 |
|  |  |  |  |  |
| 9413 | 03/22/94 | 1778 | 103,286 |  |
| 9503 | 03/28/95 | 1676 | 75,485 |  |
| 9603 | 03/26/96 | 1577 | 65,555 |  |
| 9703 | 03/25/97 | 1477 | 66,394 |  |
| 9803 | 03/24/98 | 1377 | 66,173 |  |
| 9903 | 03/23/99 | 1278 | 69,175 |  |
| 0003 | 03/28/00 | 1176 | 69,322 |  |
| 0103 | 03/27/01 | 1076 | 78,937 |  |
| 0203 | 03/26/02 | 977 | 79,522 |  |
| 0303 | 03/25/03 | 877 | 154,405 |  |
| 0403 | 03/23/04 | 777 | 151,309 |  |
| 0503 | 03/22/05 | 677 | 161,257 |  |
| 0603 | 03/28/06 | 576 | 134,463 |  |
| 0703 | 03/27/07 | 476 | 133,742 |  |
| 0803 | 03/25/08 | 377 | 130,055 |  |
| 0903 | 03/24/09 | 277 | 132,629 |  |
| 1003 | 03/23/10 | 177 | 131,468 |  |
| 1103 | 03/22/11 | 78 | 130,061 |  |

**4. Serial # in CPS/Control # in Census** **SERN** [Return to Index](#INDEX1_1)

**EDITS:** None

**DESCRIPTION:** Identifies household serial number for all CPS records or the Census control number for all census records. There are no blank or unknown entries for the variable.

**AVAILABLE FILES:** All files

**5. Household Identification Number** **HHID** [Return to Index](#INDEX1_1)

**EDITS:** None

**DESCRIPTION:** The household identification number is a unique five-digit number assigned to every member of a household. This variable is used to link household information to the person records of persons in the household for cohorts 8603 chronologically up through 1103.

**NOTE:** For files 7303, 7802, 8014, 8008, and 8012 HHID is computed using PSU, SEGMENT, and SERIAL NUMBER to identify households, see notes for variable 10, HHNUM. The identification number assigned is sequential starting with the first household on the file. For files 7903, 8103, 8203, 8303, 8404, and 8503 HHID is taken directly from the CPS record.

For cohorts 8603 through 1103, HHID is the "household sequence number" on the ASCII Master Files, an 8-position number. Location varies from master file to master file.

**NOT AVAILABLE:** 8024

**6. SSN Present or Absent on NDI File** **SSNYN** [Return to Index](#INDEX1_1)

**EDITS:** None

**DESCRIPTION:** This variable indicates the presence or absence of a Social Security number on Census records in the matches to the NDI. For older cohorts, prior to 2006, the Social Security number was collected, voluntarily, from survey participants. For later files, the SSN was obtained through administrative record processing for survey records for which the interviewees did not opt out of the use of their information for administrative record research purposes. The value is '0' if SSN is blank, all zeroes, or bogus, e.g. 111-22-3333.

**AVAILABLE FILES:** All files

**CODES for files:** All files

0 — Social Security Number is missing

1 — Social Security Number is present

**FREQUENCIES:**

SSNYN\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

0 56,594 26,986 20,856 71,074 13,569 75,638 79,522 26,950 36,764 37,179

1 74,619 67,676 22,242 113,797 110,776 106,735 98,243 34,854 44,716 44,102

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

SSNYN\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

0 36,966 36,317 144,695 5,524 5,377 5,623 5,023 5,160 5,818 5,230

1 43,766 43,754 3 40,498 39,894 39,856 36,902 39,125 43,219 38,320

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

SSNYN\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

0 19,485 58,178 41,915 37,256 39,501 38,357 42,712 43,147 49,243 50,439

1 43,414 45,108 33,570 28,299 26,893 27,816 26,463 26,175 29,694 29,083

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

SSNYN\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

0 51,431 58,592 63,859 21,229 22,330 20,769 20,819 20,318 18,237

1 102,974 92,717 97,398 113,234 111,412 109,286 111,810 111,150 111,824

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**7. Validated SSN** **VALIDSSN** [Return to Index](#INDEX1_1)

**EDITS:** None

**DESCRIPTION:** This variable indicates whether or not the Social Security number on the CPS or Census record has been validated against Social Security Administration files through the use of PVS in the Center for Administrative Records Research and Applications (CARRA), and determined to be the correct Social Security Number for the person.

**AVAILABLE FILES:** All files

**CODES for files:** 7303-0503

blank — Record not submitted for validation, not updated through PVS

0 — CPS SSN not validated through PVS

1 — CPS SSN validated through PVS

**FREQUENCIES:**

VALIDSSN\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

blank 45,443 13,901 17,636 55,283 226 60,751 66,051 22,131 30,574 31,279

0 2,071 7,691 1,624 8,037 7,658 9,489 10,426 3,347 3,887 4,286

1 83,699 73,070 23,838 121,551 116,461 112,133 101,288 36,326 47,019 45,716

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

VALIDSSN\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

blank 31,113 30,433 . 194 71 51 71 74 3,391 106

0 4,823 4,836 20,640 939 342 366 309 422 30,526 835

1 44,796 44,802 124,058 44,889 44,858 45,062 41,545 43,789 15,120 42,609

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

VALIDSSN\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

blank 14,223 39,592 37,510 33,450 35,886 34,639 32,093 31,416 16,573 18,304

0 3,667 17,504 2,674 1,863 1,909 1,982 976 5,272 906 934

1 45,009 46,190 35,301 30,242 28,599 29,552 36,106 32,634 61,458 60,284

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

VALIDSSN\counts: 0303 0403 0503

blank 50,365 57,928 62,306

0 950 994 1,031

1 103,090 92,387 97,920

Total 154,405 151,309 161,257

**NOTE:** For these files, the assigned SSN was obtained originally only through the application of PVS.

**CODES for files:** 0603–1103

blank — SSN not present on record

1 — SSN obtained for record and validated through PVS

**FREQUENCIES:**

VALIDSSN\counts: 0603 0703 0803 0903 1003 1103

blank 20,048 21,016 20,769 20,819 20,318 18,237

1 114,415 112,726 109,286 111,810 111,150 111,824

Total 134,463 133,742 130,055 132,629 131,468 130,061

**8. Match Key/SSN Collection Month** **MATCHKEY** [Return to Index](#INDEX1_1)

**EDITS:** None

**DESCRIPTION:** Because the control cards for the cohorts 8603 chronologically through 9303 were destroyed, the name variables used for record linkage were not available for these cohorts. In order to obtain as many records as possible for the NLMS for these cohorts, a search of later files was made to see if the social security number was collected during a visit to the household at a later month. For example, the social security number was collected in the fifth visit to the household, that is, in February of the next year. The variable MATCHKEY then would be used to indicate that sampling took place in a month other than the cohort month. The impact of this effort is that since information from a later household visit was incorporated into the record, the record has a new, later, start time for follow-up purposes. That is, by using information collected at a later date than the indicated standard cohort start date, we know that the person was alive at that the later date.

The MATCHKEY variable is defined for all cohorts. For cohorts 8509 and earlier, only one start date is valid for the cohort and the value for MATCHKEY assigned to all records for these cohorts is, '0 - the established start date for the cohort.’ For cohorts later, chronologically, than the 8509 file, i.e., those cohorts developed for the expanded NLMS, MATCHKEY values indicating a later start date are given according to the code below:

1 — The established start date for the cohort

2 — Start date is in March of the next year. (For 8603 that would be March of 1987)

3 — Start date is in February of the next year. (For 8603 that would be February of 1987)

4 — Start date is January of the next year. (For 8603 that would be January of 1987)

5 — Start date is December of the next year. (For 8603 that would be December of 1986)

6 — No Social Security Number was found on the original file and no SSN was found for any other month of those possible

(For cohorts 1986 through 1993 there are no MATCHKEY values of 5 in the NLMS because a Social Security Number was required to be a valid record. For files 1994 and later use the original start date established for the cohort.)

To determine the start date for records with a MATCHKEY variable value between 1 and 4, the standard start date rule applies. A CPS one week interview period starts the Sunday of the week containing the 19th of the month and is held that week. The last day of the interview period would be Tuesday of the next week. The appropriate start date would then be, for NLMS purposes, the Tuesday following interview week. A perpetual calendar is required to determine what day of the month that Tuesday would be. Start times for each non-zero, non-five value of MATCHKEY depends on the year and month involved.

**AVAILABLE FILES:** All files

**9. Start Date** **START** [Return to Index](#INDEX1_1)

**EDITS:** None

**DESCRIPTION:** START is the start-date or date of follow-up for the cohort (see discussion of MATCHKEY). Generally, the start date for NLMS purposes is the last day of interview. The last day of interview is defined to be the Tuesday of the second interview week. The first week of interview is predetermined to be the week containing the 19th of the month. If a cohort member dies before the start-date, they are not included in the NLMS even though they may have completed the interview.

**AVAILABLE FILES:** All files

**FREQUENCIES:**

Cohort Start Date Count

01 01/01/1979 131213

02 01/01/1979 94662

03 03/18/1979 43098

04 04/13/1980 184871

05 01/01/1981 124345

06 08/17/1980 182373

07 12/14/1980 177765

08 03/15/1981 61804

09 03/14/1982 81480

10 03/13/1983 81281

11 03/18/1984 80732

12 03/17/1985 80071

13 09/21/1985 144698

14 03/25/1986 44059

14 03/24/1987 1963

15 03/24/1987 43301

15 03/22/1988 1970

16 03/22/1988 43564

16 03/28/1989 1915

17 03/28/1989 39945

17 03/27/1990 1980

18 03/27/1990 42190

18 03/26/1991 2095

19 03/26/1991 49037

20 03/24/1992 41629

20 03/23/1993 1921

21 03/23/1993 59095

21 01/25/1994 104

21 02/22/1994 49

21 03/22/1994 3651

22 03/22/1994 103286

23 03/28/1995 75485

24 03/26/1996 65555

25 03/25/1997 66394

26 03/24/1998 66173

27 03/23/1999 69175

28 03/28/2000 69322

29 03/27/2001 78937

30 03/26/2002 79522

31 03/25/2003 154405

32 03/23/2004 151309

33 03/22/2005 161257

34 03/28/2006 134463

35 03/27/2007 133742

36 03/25/2008 130055

37 03/24/2009 132629

38 03/23/2010 131468

39 03/22/2011 130061

**FAIL-EDIT AND MORTALITY INDICATOR VARIABLES**

**10. Match Status Indicator** **IND1** [Return to Index](#INDEX1_2)

**EDITS:** None

**DESCRIPTION:** Variable indicating status of record when matched to the National Death Index in 1983.

**NOT AVAILABLE**: 8203–1103

**CODES for files**: 7303–8103

0 — Record failed edit at Census in 1983

1 — Record failed edit at NCHS in 1983

2 — Record was not a hit in 1983 NDI match

3 — Record was a hit in 1983 NDI match

**FREQUENCIES**:

IND1\counts: 7303 7802 7903 8014 8024 8008 8012 8103

0 1,013 1,809 1,444 1,813 113 1,004 2,866 968

1 14 74 49 423 258 329 13 700

2 122,417 86,255 39,627 174,117 122,658 173,119 167,616 57,897

3 7,769 6,524 1,978 8,518 1,316 7,921 7,270 2,239

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804

**11. Observed Death Indicator** **IND2** [Return to Index](#INDEX1_2)

**EDITS:** None

**DESCRIPTION:** Indicates whether a record was a death or not in 1983 match to the NDI.

**NOTE:** Deaths occurring in 1980 are excluded from the 8024 file.

**NOT AVAILABLE**: 8203–1103

**CODES for files**: 7303–8103

0 — Record failed edit at Census or NCHS

1 — Not a death (alive) in 1983 NDI match

2 — Death in 1979, 1980 or 1981

**FREQUENCIES:**

IND2\counts: 7303 7802 7903 8014 8024 8008 8012 8103

0 1,027 1,883 1,493 2,236 371 1,333 2,879 1,668

1 127,186 90,239 40,893 180,533 122,806 179,387 173,721 59,839

2 3,000 2,540 712 2,102 1,168 1,653 1,165 297

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804

**12. Match Status Indicator (1985)** **IND185** [Return to Index](#INDEX1_2)

**EDITS:** None

**DESCRIPTION:** Variable indicating status of record when matched to the National Death Index in 1985.

**NOT AVAILABLE:** 8403–1103

**CODES for files**: 7303–8303

0 — Record failed edit at Census in 1985

1 — Record failed edit at NCHS in 1985

2 — Record was not a hit to the NDI in 1985

3 — Record was a hit to the NDI in 1985

**FREQUENCIES:**

IND185\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

0 1,013 1,868 1,517 1,828 115 1,014 2,873 1,695 1,595 1,585

1 14 22 . 52 27 29 5 10 1 483

2 88,077 69,200 28,557 155,727 120,483 154,779 149,923 46,040 65,246 65,154

3 42,109 23,572 13,024 27,264 3,720 26,551 24,964 14,059 14,638 14,059

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

**13. Observed Death Indicator (1985)** **IND285** [Return to Index](#INDEX1_2)

**EDITS:** None

**DESCRIPTION:** Indicates whether the record was a death or not according to the 1985 match to the NDI.

**NOT AVAILABLE:** 8403–1103

**CODES for files**: 7303–8303

0 — Record failed edit in the 1985 match to the NDI

1 — Death during 1979-1981 according to 1983 and 1985 matches

2 — Death during 1979-1981 according to 1983 match only

3 — Death during 1979-1981 according to 1985 match only

4 — Death during 1982-1983 according to 1985 match only

5 — Alive after 1985 match to the NDI

6 — Death, but record is the earlier or earliest of records in multiple files (count as alive)

**FREQUENCIES:**

IND285\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

0 1,027 1,890 1,517 1,880 142 1,043 2,878 1,705 1,596 2,068

1 2,936 2,508 691 2,042 1,122 1,613 1,135 289 . .

2 64 31 21 60 46 39 30 8 . .

3 121 101 29 66 3 53 33 19 . .

4 2,129 1,828 590 2,588 2,414 2,571 2,378 850 949 357

5 124,926 88,294 40,247 178,227 120,600 177,049 171,310 58,933 78,935 78,856

6 10 10 3 8 18 5 1 . . .

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

**14. Observed Death Indicator (1987)** **IND287** [Return to Index](#INDEX1_2)

**EDITS:** None

**DESCRIPTION:** Indicates whether the record was a death or not according to the 1987 match to the NDI. Includes earlier match results as well.

**NOT AVAILABLE:** 8509–1103

**CODES for files**: 7303–8503

0 — Record failed edit in 1987 match to the NDI

1 — Death according to 1983, 1985 or 1987 matches to the NDI

2 — Alive after 1987 match to the NDI

3 — Death but record is the earlier or earliest of records in multiple files (count as alive)

**FREQUENCIES:**

IND287\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

0 1,027 1,890 1,517 1,880 141 1,043 2,878 1,705 1,596 2,068

1 7,410 6,397 1,916 7,647 6,128 7,165 6,147 2,048 2,076 1,464

2 122,761 86,347 39,657 175,332 118,041 174,150 168,732 58,051 77,807 77,748

3 15 28 8 12 35 15 8 . 1 1

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

IND287\counts: 8403 8503

0 3,234 3,367

1 872 378

2 76,626 76,326

3 . .

Total 80,732 80,071

**15. Observed Death Indicator (1989)** **IND289** [Return to Index](#INDEX1_2)

**EDITS:** None

**DESCRIPTION:** Indicates whether the record was a death or not according to the 1989 match to the NDI. Includes earlier match results as well.

**NOT AVAILABLE:** 8509–1103

**CODES for files**: 7303–8503

0 — Record failed edit in 1989 match to the NDI

1 — Fail edit, death observed before start of follow-up

2 — Death according to 1983, 1985, 1987 or 1989 matches to the NDI

3 — Alive after 1989 match to the NDI

4 — Death but record is the earlier or earliest of records in multiple files (count as alive)

**FREQUENCIES:**

IND289\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

0 1,027 1,890 1,517 1,880 141 1,043 2,878 1,705 1,596 2,068

1 . . 1 5 . 7 3 2 . .

2 9,684 8,406 2,509 10,607 8,517 10,036 8,855 2,915 3,280 2,566

3 120,486 84,334 39,061 172,356 115,640 171,257 166,009 57,173 76,599 76,639

4 16 32 10 23 47 30 20 9 5 8

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

IND289\counts: 8403 8503

0 3,234 3,367

1 . .

2 1,956 1,459

3 75,530 75,240

4 12 5

Total 80,732 80,071

**16. Observed Death Indicator (1991 match to NDI)** **IND291** [Return to Index](#INDEX1_2)

**EDITS:** None

**DESCRIPTION:** Indicates whether the record was identified as a death or not according to the 1991 match to the NDI.

**NOT AVAILABLE**: 8603—1103

**CODES for files**: 7303—8509

0 — Record failed edit in 1991 match to the NDI

1 — Fail edit, death observed before start of follow-up

2 — Death according to 1983, 1985, 1987, 1989 or 1991 matches to the NDI

3 — Alive after 1991 match to the NDI

4 — Death but record is the earlier or earliest of records in multiple files (count as alive)

**FREQUENCIES:**

IND291\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

0 1,027 1,890 1,517 1,880 141 1,043 2,878 1,705 1,596 2,068

1 . . 1 5 . 7 3 2 2 2

2 11,967 10,379 3,178 13,733 11,147 12,926 11,690 3,853 4,486 3,749

3 118,195 82,344 38,387 169,220 112,986 168,359 163,165 56,235 75,391 75,453

4 24 49 15 33 71 38 29 9 5 9

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

IND291\counts: 8403 8503 8509

0 3,234 3,367 .

1 . . 7

2 3,117 2,529 3,658

3 74,368 74,162 141,033

4 13 13 .

Total 80,732 80,071 144,698

**17. Observed Death Indicator (2001 match to NDI)** **IND201** [Return to Index](#INDEX1_2)

**EDITS:** None

**DESCRIPTION:** Indicates whether the record was identified as a death or not according to the 2001 match to the NDI.

**NOT AVAILABLE**: 9903-1103

**CODES for files**: 7303-9803

0 — Record rejected by NDI in 2001 match

1 — Fail edit, death observed before start of follow—up

2 — Death according to 1983, 1985, 1987, 1989, 1991, or 2001 matches to the NDI

3 — Alive after 2001 match to the NDI

4 — Death but record is the earlier or earliest of records in multiple files (count as alive)

5 — Special Fail Edit category for records from the 7303 and 7802 files for which person was determined to have died prior to the start of the NDI. These deaths were determined from outside sources, most notably using the Social Security Administration file of deceased persons add to others.

6 — Record under review

**FREQUENCIES:**

IND201\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

0 1,027 1,900 1,517 1,883 143 1,043 2,878 1,705 1,596 2,068

1 . . 1 5 . 7 3 2 2 2

2 22,790 20,020 6,306 28,336 23,468 27,225 25,191 8,553 10,678 9,579

3 102,607 72,085 35,226 154,452 100,608 153,932 149,517 51,515 69,170 69,604

4 131 159 48 195 126 166 176 29 33 28

5 4,658 498 . . . . . . . .

6 . . . . . . . . 1 .

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

IND201\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

0 3,234 3,367 16 . . . . . . .

1 . . 7 4 4 5 6 4 5 4

2 8,850 8,131 12,593 6,411 5,606 5,246 4,305 4,000 3,355 2,908

3 68,622 68,431 131,987 39,599 39,651 40,216 37,604 40,269 45,672 40,632

4 26 142 95 8 10 12 10 12 5 6

5 . . . . . . . . . .

6 . . . . . . . . . .

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

IND201\counts: 9303 9413 9503 9603 9703 9803

0 2,288 687 534 625 605 686

1 6 10 6 4 5 4

2 2,765 3,086 1,827 1,105 722 259

3 57,740 99,456 73,117 63,821 65,062 65,224

4 100 47 1 . . .

5 . . . . . .

6 . . . . . .

Total 62,899 103,286 75,485 65,555 66,394 66,173

**18. Observed Death Indicator (2006 match to NDI)** **IND206** [Return to Index](#INDEX1_2)

**EDITS:** None

**DESCRIPTION:** Indicates whether the record was identified as a death or not according to the 2006 match to the NDI.

**NOT AVAILABLE:** 0303-1103

**CODES for files**: 7303-0203

0 — Record rejected by NDI in 2006 match, or missing age or gender

1 — Fail edit, death observed before start of follow-up

2 — Death according to 1983, 1985, 1987, 1989, 1991, 2001 or 2006 matches to the NDI

3 — Alive after 2006 match to the NDI

4 — Death but record is the earlier or earliest of records in multiple files (count as alive)

5 — Special Fail Edit category for records from the 7303 and 7802 files for which person was determined to have died prior to the start of the NDI. These deaths were determined from outside sources, most notably using the Social Security Administration file of deceased persons add to others.

6 — Record under review

**FREQUENCIES:**

IND206\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

blank . . . . . . . . . .

0 1,027 1,900 1,517 1,883 143 1,043 2,878 1,705 1,596 2,068

1 . . 1 5 . 7 3 2 2 2

2 28,101 24,611 7,731 35,007 30,519 33,329 30,951 10,776 13,600 12,351

3 97,239 67,449 33,780 147,717 93,487 147,764 143,711 49,276 66,234 66,817

4 188 204 69 259 196 230 222 45 47 43

5 4,658 498 . . . . . . . .

6 . . . . . . . . 1 .

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

IND206\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

blank . . . . . . . . . .

0 3,234 3,367 16 . . . . . . .

1 . . 7 4 4 5 6 4 5 4

2 11,661 10,780 16,420 8,663 7,885 7,539 6,393 6,126 5,884 4,871

3 65,788 65,730 128,127 37,342 37,365 37,905 35,511 38,137 43,136 38,663

4 49 194 128 13 17 30 15 18 12 12

5 . . . . . . . . . .

6 . . . . . . . . . .

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

IND206\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

blank . . . . . . . . . .

0 2,287 687 534 625 605 686 . . . .

1 6 10 6 4 5 4 . . . .

2 4,990 6,050 4,138 2,925 2,488 1,885 1,326 983 678 320

3 55,414 96,429 70,803 61,997 63,295 63,595 67,825 68,323 78,252 79,202

4 202 110 4 4 1 3 24 16 7 .

5 . . . . . . . . . .

6 . . . . . . . . . .

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

**19. Observed Death Indicator (2013 match to NDI)** **IND213** [Return to Index](#INDEX1_2)

**EDITS:** None

**DESCRIPTION:** Indicates whether the record was identified as a death or not according to the 2013 match to the NDI. An indication of “2” as a code identifies mortality for the record. Information on mortality for a record from previous matches to the NDI is perpetuated in this code

**AVAILABLE:** All files

**CODES for files**: All files

0 — Record rejected as failed edit by the NDI in the 2013 match, or missing age or gender

1 — Fail edit, death observed before start of follow-up

2 — Death according to 1983, 1985, 1987, 1989, 1991, 2001, 2006, or 2013 matches to the NDI

3 — Alive after 2013 match to the NDI

4 — Death but record is the earlier or earliest of records in multiple files (count as alive)

5 — Special Fail Edit category for records from the 7303 and 7802 files for which person was determined to have died prior to the start of the NDI. These deaths were determined from outside sources, most notably using the Social Security Administration file of deceased persons add to others.

**FREQUENCIES:**

IND213\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

0 1,027 1,900 1,517 1,886 143 1,044 2,878 1,705 1,596 2,068

1 . . 1 5 . 8 3 2 3 2

2 38,499 34,040 10,743 49,053 41,384 46,758 43,305 15,429 19,509 18,138

3 86,738 57,866 30,736 133,477 82,442 134,156 131,203 44,577 60,267 60,981

4 291 358 101 450 376 407 376 91 105 92

5 4,658 498 . . . . . . . .

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

IND213\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

0 3,234 3,367 17 . . . . . . 1

1 . 1 8 7 7 6 7 6 9 4

2 17,288 16,285 24,669 13,695 12,798 12,644 10,951 10,820 11,028 9,592

3 60,112 60,090 119,788 32,269 32,407 32,752 30,921 33,411 37,956 33,911

4 98 328 216 51 59 77 46 48 44 42

5 . . . . . . . . . .

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

IND213\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

0 2,297 713 571 661 644 727 95 127 96 103

1 7 15 8 5 10 5 3 506 9 7

2 9,836 12,250 8,868 6,971 6,420 5,797 5,472 5,904 4,941 4,804

3 50,346 90,060 66,014 57,884 59,257 59,556 63,449 62,643 73,749 74,588

4 413 248 24 34 63 88 156 142 142 20

5 . . . . . . . . . .

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

IND213\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

0 594 633 594 577 733 871 582 473 529

1 25,807 26,140 28,825 11,226 11,396 10,357 18,167 17,968 15,789

2 5,393 4,531 4,211 3,577 2,955 2,256 1,652 1,045 379

3 122,594 119,965 127,609 119,062 118,644 116,559 112,222 111,979 113,364

4 17 40 18 21 14 12 6 3 .

5 . . . . . . . . .

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**20. Alive or Dead in the 2013 Match** **LIFE** [Analysis File](#LIFE_19)[Return to Index](#INDEX1_2)

**EDITS:** None

**DESCRIPTION:** An indicator variable to show dead or alive.

(Appears in Analysis file only)

**21. Valid for Analysis as of 2013 Match** **VALID** [Analysis File](#VALID_20)[Return to Index](#INDEX1_2)

**EDITS:** None

**DESCRIPTION:** An indicator variable to show which records are valid for analysis.

(Appears in Analysis file only)

**GEOGRAPHICAL VARIABLES**

**22. Census Geographical Division** **DIV** [Analysis File](#DIV_21) [Return to Index](#INDEX2_1)

**EDITS:** Simple

**DESCRIPTION:** The geographical division portion of the state code. The concatenation of variables DIV and STATE form a state code. This code has been used since 1960 as the U.S. Census Bureau’s state code. The states contained within each geographical division are shown in [Appendix B.](#APP_B)

**AVAILABLE FILES:** All files

**CODES for files**: All files

blank — Non-interview household, missing

0 — Unknown

1 — New England

2 — Middle Atlantic

3 — East North Central

4 — West North Central

5 — South Atlantic

6 — East South Central

7 — West South Central

8 — Mountain

9 — Pacific

**FREQUENCIES:**

DIV\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

blank . . . . . . . . . .

0 1,032 1,927 . 1,892 63 1,129 218 . 1 .

1 8,124 5,657 2,853 14,151 10,795 13,958 14,285 5,042 5,959 6,226

2 22,452 16,071 6,247 21,135 15,077 21,436 19,725 7,375 10,450 10,325

3 25,783 17,482 6,255 28,006 19,838 27,381 24,906 8,790 11,432 11,210

4 10,338 7,059 3,580 21,782 13,645 21,700 22,218 6,793 8,388 8,200

5 19,657 14,661 5,927 26,111 19,748 26,031 26,816 8,933 11,800 12,004

6 8,322 6,103 2,284 10,938 7,529 11,039 9,272 4,040 4,755 4,682

7 13,013 9,569 4,432 16,056 10,793 15,667 14,379 5,541 7,848 7,906

8 5,688 3,993 4,643 21,430 12,439 21,152 21,768 7,233 8,657 8,945

9 16,804 12,140 6,877 23,370 14,418 22,880 24,178 8,057 12,190 11,783

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

DIV\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

blank . . . . . . . . . .

0 . . . . . . . . . .

1 5,936 6,626 12,507 3,951 4,002 3,906 3,597 3,551 3,838 3,647

2 10,121 12,382 21,817 6,599 6,218 6,149 5,113 5,791 7,060 6,122

3 10,996 12,037 22,676 7,394 7,133 7,095 6,949 7,084 7,707 6,781

4 8,489 7,326 13,951 4,597 4,488 4,566 4,209 4,412 4,498 4,314

5 11,706 12,749 24,413 7,771 7,951 7,824 7,694 7,313 8,012 7,033

6 4,452 3,567 7,177 2,265 2,251 2,434 2,189 2,325 2,500 2,408

7 7,935 7,261 12,436 4,116 3,981 4,235 3,972 3,997 4,380 4,043

8 8,814 7,251 12,996 4,239 4,251 4,291 4,303 4,597 4,786 4,059

9 12,283 10,872 16,725 5,090 4,996 4,979 3,899 5,215 6,256 5,143

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

DIV\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

blank . . . . . . . . . .

0 . . . . . . . . . .

1 5,200 8,065 6,078 4,622 4,633 4,673 4,906 4,607 7,705 7,391

2 9,029 16,328 11,534 9,022 9,101 8,887 9,158 9,114 8,790 8,561

3 9,415 15,150 10,807 9,110 8,816 9,291 8,775 9,417 9,529 9,940

4 6,181 8,134 5,872 5,773 5,911 5,762 5,681 5,714 8,275 8,521

5 10,497 16,023 13,855 10,230 10,382 10,333 10,338 10,630 11,788 11,689

6 3,371 4,530 3,133 3,450 3,226 3,362 3,179 3,307 3,519 3,726

7 5,466 9,773 6,665 6,391 6,601 6,548 7,249 7,337 7,205 7,442

8 6,261 9,792 7,587 7,338 8,036 7,710 9,161 8,516 10,308 10,241

9 7,479 15,491 9,954 9,619 9,688 9,607 10,728 10,680 11,818 12,011

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

DIV\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 22,184 22,047 23,959 6,620 6,764 5,485 5,525 5,539 6,047

0 . . . . . . . . .

1 12,723 13,159 13,029 13,045 12,742 12,473 12,921 12,557 12,350

2 14,524 13,698 12,452 11,481 11,424 12,060 11,732 11,467 11,251

3 16,883 16,759 16,941 14,638 14,528 14,154 14,500 14,178 13,777

4 14,697 14,436 16,131 14,262 14,280 13,543 14,397 14,412 14,191

5 21,176 20,544 23,547 22,890 22,721 22,400 22,528 22,370 22,153

6 6,522 6,486 7,291 6,100 6,037 5,829 5,824 6,080 5,781

7 11,034 10,884 12,504 10,947 11,197 11,283 11,636 11,424 11,610

8 16,104 15,516 15,201 14,259 14,383 13,132 13,569 13,513 13,383

9 18,558 17,780 20,202 20,221 19,666 19,696 19,997 19,928 19,518

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**23. State within Division** **STATE** [Analysis File](#STATE_22) [Return to Index](#INDEX2_1)

**EDITS:** Simple

**DESCRIPTION:** The code for states within geographical divisions. The concatenation of variables DIV and STATE form a state code. This code has been used since 1960 as the U.S. Census Bureau’s code to identify each state. The full code for each state contained within a geographical division is shown in [Appendix B.](#APP_B)

**AVAILABLE FILES:** All files

**CODES for files**: All files

0 — Unknown or not matched to control card

1-9 — Possible STATE code values within divisions

**FREQUENCIES:**

STATE\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

blank . . . . . . . . . .

0 1,032 1,927 . 1,892 63 1,129 218 . 1 .

1-9 130,181 92,735 43,098 182,979 124,282 181,244 177,547 61,804 81,479 81,281

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

STATE\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

blank . . . . . . . . . .

0 . . . . . . . . . .

1-9 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

STATE\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

blank . . . . . . . . . .

0 . . . . . . . . . .

1-9 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

STATE\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 22,184 22,047 23,959 6,620 6,764 5,485 5,525 5,539 6,047

0 . . . . . . . . .

1-9 132,221 129,262 137,298 127,843 126,978 124,570 127,104 125,929 124,014

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**24. Division-State Concatenated** **STATER** [Analysis File](#STATER_23) [Return to Index](#INDEX2_1)

**EDITS:** Simple

**DESCRIPTION:** The concatenation of DIV and STATE forms a two digit state code according to 1960 Census coding.

(Appears in Analysis File only)

**25. FIPS State Code** **FIPSSTATE** [Analysis File](#FIPSSTATE_24) [Return to Index](#INDEX2_1)

**EDITS:** None

**DESCRIPTION:** FIPS State Code

(Appears in Analysis File only)

**26. FIPS County Code** **COUNTY** [Return to Index](#INDEX2_1)

**EDITS:** None

**DESCRIPTION:** County or independent city codes (1970). County codes are determined according to the Federal Information Processing Standards (FIPS) for counties. County codes were not collected directly for the 7303 and 8024 cohorts. Without extensive additional processing, county codes could not be obtained for these cohorts so they are left blank. The reference document to given county codes is FIPS PUB 6-2, 1973 September 15.

**NOT AVAILABLE**: 7303, 8024

**CODES for files**: 7802-8014, 8008-1103

blank — Unknown

001-840 — FIPS codes 001-840

**FREQUENCIES:**

COUNTY\counts: 7802 7903 8014 8008 8012 8103 8203 8303 8403 8503

blank 2,624 . 6,446 5,776 4,253 . 1 . . .

001-840 92,038 43,098 178,425 176,597 173,512 61,804 81,479 81,281 80,732 80,071

Total 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732 80,071

COUNTY\counts: 8509 8603 8703 8803 8903 9003 9103 9203 9303 9413

blank . . . . . . . . . .

001-840 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899 103,286

Total 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899 103,286

COUNTY\counts: 9503 9603 9703 9803 9903 0003 0103 0203 0303 0403

blank . . . . . . . . 22,184 22,047

001-840 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 132,221 129,262

Total 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405 151,309

COUNTY\counts: 0503 0603 0703 0803 0903 1003 1103

blank 23,959 6,620 6,764 5,485 5,525 5,539 6,047

001-840 137,298 127,843 126,978 124,570 127,104 125,929 124,014

Total 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**27. CPS PSU, "DO" for Census** **PSU** [Return to Index](#INDEX2_1)

**EDITS:** None

**DESCRIPTION:** Identifies geographical coding of PSU for all CPS records, or DO for Census records. The actual PSU code is embedded in a 5-digit character field on both Extract and Analysis files. Prior to 1994 the length of the PSU code was 3 digits. Beginning in 1994, the standard PSU code was expanded to 5 digits with the first two digits being the FIPS state code and the last three a numerical character string between 001 and 999 identifying the PSU within the state. For the 1980 Census subsample file, 8024, the four-digit District Office code is placed in digits 2 through 5 of the PSU variable. There are no blank or unknown entries for this variable.

**AVAILABLE FILES:** All files

**28. PSU Type** **PSUTYPE** [Return to Index](#INDEX2_1)

**EDITS:** None

**DESCRIPTION:**  Variable describes whether a CPS PSU was sampled as self-representing or not. Self-representing PSUs are areas containing the largest population areas. These PSUs, designated (SR) PSUs, are in sample with certainty. The remaining areas, those not designated as self-representing, are called non self-representing PSUs, designated (NSR) PSUs. These PSUs are selected to sample with probability of selection proportional to the size of the population they contain.

The values of the variable PSUTYPE are defined according to the sample design in effect at the time of the respective survey. Each decade, following the taking of a U.S. Census, current surveys are redesigned to reflect the most recent U.S. population count identified by the Census. A new design is typically implemented three to four years following the census. Since the NLMS cohorts cover the time period from 1973 to 2011, there are five different sampling designs represented within the various NLMS cohorts. The cohort, 8014, from April 1980, would have PSUTYPE values defined according to the 1970 current survey design. The cohort, 8503 has values of PSUTYPE derived from the 1980 design but the 8403 cohort has values derived from the 1970 design since the 1980 design, based on the 1980 Census, was implemented in April of 1984. The files 0303 through 1103, for the years 2003 through 2011, all follow the year 2000 design.

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

0 — Non-interview household

1 — Self-representing (SR) PSU

2 — Non self-representing (NSR) PSU

**FREQUENCIES:**

PSUTYPE\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

0 . . . . . . . . . .

1 84,032 59,919 25,629 120,285 118,059 115,065 34,577 46,682 45,945 56,930

2 47,181 34,743 17,469 64,586 64,314 62,700 27,227 34,798 35,336 23,802

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

PSUTYPE\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

0 . . . . . . . . . .

1 60,132 106,457 33,532 33,069 32,796 29,649 31,656 35,653 31,447 45,451

2 19,939 38,241 12,490 12,202 12,683 12,276 12,629 13,384 12,103 17,448

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

PSUTYPE\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

0 . . . . . . . . . 22,184

1 79,019 58,598 50,071 51,355 50,619 53,860 53,687 61,347 60,913 102,289

2 24,267 16,887 15,484 15,039 15,554 15,315 15,635 17,590 18,609 29,932

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

PSUTYPE\counts: 0403 0503 0603 0703 0803 0903 1003 1103

0 22,047 43,010 . . . . 5,539 .

1 99,742 98,250 105,350 98,184 96,660 98,652 98,300 102,815

2 29,520 19,997 29,113 35,558 33,395 33,977 27,629 27,246

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**29. CPS Segment, "ED" for Census** **SEG** [Return to Index](#INDEX2_1)

**EDITS:** None

**DESCRIPTION:** Identifies geographical coding of sampling segment for all CPS records or "ED" (Enumeration District) for Census records. For CPS records, the first digit of the SEG variable indicates the CPS rotation in which the record was sampled. There are no blanks or unknown entries for this variable.

**AVAILABLE FILES:** All files

**30. Urban-Rural Status** **URB** [Analysis File](#URB_29) [Return to Index](#INDEX2_1)

**EDITS:** Simple

**DESCRIPTION:** Urban or rural status. The definition of urban and rural on files 7303 through 8503 follows from the 1970 Census. For cohorts 8509 through 9303, the definition follows from the 1980 Census land definition and for cohorts 9413 and later, the definition follows from the 1990 Census definition. An urban area consists of all persons living in urbanized areas and in places of 2,500 or more inhabitants outside urbanized areas. More specifically, the urban population consists of all persons living in

(1) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs and towns, but excluding those persons living in the rural portions of extended cities; and

(2) other territories, incorporated and unincorporated included in urbanized areas. The population not classified as urban constitutes the rural population.

**AVAILABLE FILES:** All files

**CODES for files:** 7303-8014, 8008-1103

blank — Unknown

1 — Urban

2 — Rural

**FREQUENCIES:**

URB\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 1,032 2,624 . 6,446 5,776 4,253 . 1 . .

1 92,406 63,952 29,789 117,674 115,662 113,175 40,500 54,092 53,532 53,601

2 37,775 28,086 13,309 60,751 60,935 60,337 21,304 27,387 27,749 27,131

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

URB\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank . . . . . . . . . .

1 57,617 102,153 32,541 31,721 31,821 28,513 30,533 34,385 30,158 43,438

2 22,454 42,545 13,481 13,550 13,658 13,412 13,752 14,652 13,392 19,461

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

URB\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank . . . . . . . . . 22,184

1 76,406 55,372 48,314 48,939 48,881 51,634 52,025 58,173 59,122 96,010

2 26,880 20,113 17,241 17,455 17,292 17,541 17,297 20,764 20,400 36,211

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

URB\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank 22,047 23,959 6,620 6,764 5,485 5,525 5,539 6,047

1 93,959 94,931 98,425 98,203 96,802 98,896 98,082 97,218

2 35,303 42,367 29,418 28,775 27,768 28,208 27,847 26,796

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**CODES for files:** 8024

0 — Urban

1 — Rural

2 — Part urban and part rural

3 — Unknown

**FREQUENCIES:**

URB\counts: 8024

0 87,343

1 31,647

3 5,355

Total 124,345

**31. SMSA Status** **SMSAST** [Analysis File](#SMSAST_30) [Return to Index](#INDEX2_1)

**EDITS:** Simple

**DESCRIPTION:** Is a household located in an SMSA (Standard Metropolitan Statistical Area) or not? The definition of SMSA status is based on the county boundaries included in the region defining the SMSA at the time of the 1970 Census. A central city is defined as the city, or cities boundary associated with the name designation of the SMSA. A redesign of the Current Population Survey was implemented in March of 1985 based on the 1980 Census. The definition of a metropolitan area was reformulated and identified as an MSA/PMSA (a Metropolitan Statistical Area/Primary Metropolitan Statistical Area) under a population based criteria. For the construction of the SMSAST variable for files between September 1985 through March of 2002, values were assigned for NLMS purposes to embody the definition of the previous decade but are based on the population features according to 1984 geography definitions.

**NOTE:** As of the date of production of this manual, the values for cohorts 0603-1103 have not yet been determined.

**AVAILABLE FILES:** All Files, see Note

**CODES for files**: 7303–8503

0 — Unknown

1 — SMSA, in central city

2 — SMSA, not in central city

3 — Not in an SMSA

**CODES for files**: 8509–0503

0 — Unknown

1 — In an MSA/PMSA, and in the central city

2 — In an MSA/PMSA, but not the central city

3 — Not in an MSA/PMSA

**FREQUENCIES:**

SMSAST\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

blank . . . . . . . . . .

0 1,032 2,624 . 6,446 . 5,776 4,253 1,682 1 .

1 38,145 25,394 12,422 46,682 38,279 46,117 45,548 15,243 21,769 21,539

2 50,379 36,375 15,382 62,788 49,225 61,435 60,447 21,234 28,739 28,449

3 41,657 30,269 15,294 68,955 36,841 69,045 67,517 23,645 30,971 31,293

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

SMSAST\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

blank . . . . . . . . . .

0 . . . . . . . . . .

1 22,015 20,803 35,166 13,069 13,001 12,538 11,394 12,047 13,706 11,938

2 28,228 30,404 54,333 19,798 19,496 19,709 17,687 18,994 21,510 19,064

3 30,489 28,864 55,199 13,155 12,774 13,232 12,844 13,244 13,821 12,548

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

SMSAST\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

blank . . . . . . . . . .

0 . . . . . . . . . .

1 17,339 33,114 22,832 19,931 20,332 19,740 21,485 21,549 23,853 23,700

2 27,208 45,313 35,808 30,488 30,686 31,157 32,423 32,719 36,869 37,184

3 18,352 24,859 16,845 15,136 15,376 15,276 15,267 15,054 18,215 18,638

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

SMSAST\counts: 0303 0403 0503

blank 22,184 22,047 23,959

0 . . .

1 38,133 36,938 36,738

2 63,117 61,909 62,020

3 30,971 30,415 38,540

Total 154,405 151,309 161,257

**32. SMSA Rank** **SMSAR** [Analysis File](#SMSAR_31) [Return to Index](#INDEX2_1)

**EDITS:** Invalid Entry

**DESCRIPTION:** SMSAR is defined as the rank of the SMSA or Consolidated Metropolitan Statistical Area (CSMA) or Primary Metropolitan Statistical Area (PMSA), depending on the time period during which the cohort was sampled. In this discussion the description SMSA will be used as a general label for each of these terms. Ranks range from 1 to 98 (see [Appendix C](#APP_C1)). All SMSAs of rank greater than 98 have an assigned rank of 99. All areas not defined as an SMSA will be assigned the value of 00. An MSA/CMSA/PMSA generally is an area consisting of a large population nucleus together with adjacent communities that have a high degree of social and eco­nomic integration with that nucleus. The term is basically a replacement for the previous term SMSA, Standard Metropolitan Statistical Area. The assigned ranks are given in Appendix C. There are five different rank-definition charts in this Appendix. The NLMS cohorts having the definition of rank in each chart are given at the top of each chart.

**NOTE 1**: The definition of SMSA rank on the 9503 file was processed by NLMS staff to be consistent with the 1993 geographical rank definition. The original value of rank on the 9503 file was given in terms of two CPS design definitions, the 1980 design and the 1990 design. These definitions were given with no indication on the file of which design definition applied. In order to make the variable usable in analysis applications, all ranks were redefined according to the 1993 design geography.

**NOTE 2:** For ranks less than 10, zeros are entered for blanks. For example, a rank of 9 is coded as 09.

**NOTE 3:** As of the date of production of this manual, the values for cohorts 0603-1103 have not yet been determined.

**AVAILABLE FILES:** All Files, see Note 3

**CODES for files**: 7303, 7802, 8014, 8008, 8012

0,00 — Not in an SMSA

01-98 — 1970 SMSA rank (see Appendix C, [page 1](#SMSA1))

99 — 1970 SMSA rank greater than 98

**CODES for files**: 7903, 8024, 8103, 8203, 8303, 8403, 8503

0,00 — Not in an SMSA

01-98 — 1973 SMSA rank (see Appendix C, [page 2](#SMSA2))

99 — 1973 SMSA rank greater than 98

**CODES for files**: 8603, 8703

0,00 — Not an MSA/CMS

01-98 — 1980 SMSA rank (see Appendix C, [page 3](#SMSA3))

99 — 1980 SMSA rank greater than 98

**CODES for files**: 8509, 8803-9413

0,00 — Not an MSA/CMS

01-98 — 1983 MSA/CMSA rank (see Appendix C, [page 4](#SMSA4))

99 — 1983 MSA/CMSA greater than 98

**CODES for files**: 9503-0503

0,00 — Not an MSA/CMSA

01-98 — 1993 MSA/CMSA rank (see Appendix C, [page 5](#SMSA5))

99 — 1993 MSA/CMSA rank greater than 98

**FREQUENCIES:**

SMSAR\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

0 42,687 . . . 36,841 74,821 . 1,682 1 .

00 . 32,893 15,294 75,401 . . 71,770 23,645 30,971 31,293

01-98 72,347 50,370 22,371 87,181 62,290 85,311 83,428 28,629 40,859 39,560

99 16,179 11,399 5,433 22,289 25,214 22,241 22,567 7,848 9,649 10,428

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

SMSAR\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

0 . . . . . . . . . .

00 30,489 28,864 40,877 13,155 12,774 13,232 12,844 13,244 13,821 12,548

01-98 40,268 41,077 83,958 23,441 22,822 25,517 22,197 24,288 27,781 24,558

99 9,975 10,130 19,863 9,426 9,675 6,730 6,884 6,753 7,435 6,444

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

SMSAR\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

0 . . . . . . . . . .

00 18,352 24,859 16,909 15,136 15,376 15,276 15,267 15,054 18,215 18,638

01-98 35,329 64,294 48,755 41,514 42,088 42,041 44,445 45,003 49,528 49,520

99 9,218 14,133 9,821 8,905 8,930 8,856 9,463 9,265 11,194 11,364

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

SMSAR\counts: 0303 0403 0503

blank 22,184 22,047 62,499

0 . . .

00 30,971 30,415 .

01-98 82,804 80,680 79,968

99 18,446 18,167 18,790

Total 154,405 151,309 161,257

**33. Urban/Rural Farm/Rural Nonfarm** **LAND** [Analysis File](#LAND_32) [Return to Index](#INDEX2_1)

**EDITS:** Recode

**DESCRIPTION:** Household location in terms of land use. The definition of "urban" and "rural" are the same as used in the definition of variable URB. The definition of a farm follows that used for the 1970 Census. A farm was a place that was rural, had agricultural sales of $1,000, or more, or a place of 10 acres or more and over $50 in farm sales.

**NOT AVAILABLE**: 8024, 8503, 9303, 9413, 9503—1103

**CODES for files:** 7303, 7802, 8014, 8008, 8012

blank — Unknown

1 — Urban

2 — Rural farm

3 — Rural farm

4 — Rural nonfarm

5 — Rural nonfarm

**NOTE:** Agreement between "LAND" and "URB” is not exact for file 7303.

**FREQUENCIES:**

LAND\counts: 7303 7802 8014 8008 8012

blank 1,032 2,624 6,446 5,776 4,253

1 92,403 63,952 117,674 115,662 113,175

2 5,794 3,318 7,182 7,217 6,719

3 456 251 608 506 491

4 2,910 2,105 4,657 4,539 4,503

5 28,618 22,412 48,304 48,673 48,624

Total 131,213 94,662 184,871 182,373 177,765

**CODES for files**: 7903, 8103, 8203, 8303, 8403

1 — Urban area

2 — Farm, more than 10 acres or $1,000 or more in farm sales

3 — Nonfarm, more than 10 acres, $250-$999 in farm sales

4 — Nonfarm, more than 10 acres, $50-$249 in farm sales

5 — Nonfarm, more than 10 acres, less than $50 in farm sales

6 — Farm, less than 10 acres, $1,000 or more in farm sales

7 — Nonfarm, less than 10 acres, $250-$999 in farm sales

8 — Nonfarm, less than 10 acres, $50-$249 in farm sales

9 — Nonfarm, less than 10 acres, less than %50 in farm sales

**FREQUENCIES:**

LAND\counts: 7903 8103 8203 8303 8403

1 29,789 40,500 54,093 53,532 53,601

2 1,300 1,960 2,506 2,309 2,456

3 131 176 251 285 211

4 55 108 101 82 102

5 1,022 1,662 2,076 2,031 2,009

6 71 108 145 156 151

7 20 43 109 69 52

8 46 18 57 54 51

9 10,664 17,229 22,142 22,763 22,099

Total 43,098 61,804 81,480 81,281 80,732

**CODES for file:** 8509

1 — Urban

2 — Rural farm

3 — Rural nonfarm

**FREQUENCIES:**

LAND\counts: 8509

1 102,153

2 3,945

3 38,600

Total 144,698

**CODES for files:** 8603, 8703

1 — Urban

2 — Rural farm

4 — Rural nonfarm

**FREQUENCIES:**

LAND\counts: 8603 8703

1 32,560 31,763

2 1,356 1,277

4 12,106 12,231

Total 46,022 45,271

**CODES for files:** 8803–9203

1 — Urban

2 — Rural farm

3 — Rural nonfarm

**FREQUENCIES:**

LAND\counts: 8803 8903 9003 9103 9203

1 31,803 28,549 30,553 34,429 30,159

2 1,221 1,123 1,282 1,157 1,103

3 12,455 12,253 12,450 13,451 12,288

Total 45,479 41,925 44,285 49,037 43,550

**AGE, BIRTH INFORMATION, AND GENDER VARIABLES**

**34. Age in Years at Time of Survey** **AGE** [Analysis File](#AGE_33) [Return to Index](#INDEX2_2)

**EDITS:** Simple, Recode

**DESCRIPTION:** Age of person at the time of survey. **1** To obtain the information on age, the interviewer first asks the respondent for the person’s exact date of birth. If interviewer can’t get it, then the interviewer asks for an approximate date of birth. Finally, the interviewer asks for the person’s age. If the interviewer can’t get it, then a best estimate of age is sought. Back at the Regional Office, age, if given, is updated to account for aging. Thus, age is determined with varying degrees of certainty. There are no analyses which assess the validity of any version of the obtained response, nor are there indicators on files which show the interviewer confidence in either the date of birth or the age response obtained.

If age was not available on CPS record, then age was taken from NDI control file data. If age did not exist for either of these two files and month and year of birth were available on the control file then age was computed using month and year of birth. Otherwise, age is missing. For years 7303-0203, the missing value code is 99. For years 0303-1103, the missing value code is ‘blank.’ For all files, ages 98 years and older have been recorded to age 98 years.

**NOTE:** For the 7903 and 8103 files it was observed through past analysis that an unusually large number of persons were age 98. A special review of this problem was undertaken and a decision made to recompute a proper age based on year of birth. This action has been permanently implemented on these two files.

**AVAILABLE FILES:** All Files

**CODES for files:** 7303-0203

99 — missing

**CODES for files:** 0303-1103

blank — missing

**CODES for files:** 73031,2 78021,2 7903 80082 80122 80142 80243

Age range 0-98 14-98 0-98 0-98 0-98 0-98 0-98

**CODES for files:**  8103-8509 8603-8703 8803-9003 9103 9203

Age range 0-98 14-98 15-98 14-98 15-98

**CODES for files:** 9303-0103 0203 0303 0403-09034 1003 11034

Age range 0-98 0-80 0-98 0-80, 85 0-98 0-80, 85

**1** Since mortality follow-up begins in 1979, add 6 to given age for 7303 file and add 1 to given age for 7802 file to obtain age at start of follow-up.

**2** In these files, when the difference in age between the control file age and CPS age is greater than 10 years and neither entry is missing, then age is defined to be missing.

**3** The start of follow-up for the 8024 file has been redefined to be January 1, 1981. For this reason, to obtain an approximately correct age for the 8024 file, add 1 to the given age on the file.

**4** In these files, the value of age is as stated for ages less than or equal to 80. For ages greater than 80 the value of 85 is assigned.

**FREQUENCIES:**

AGE\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

00-98 130,564 94,293 43,055 184,562 123,352 181,997 176,903 61,754 81,479 81,281

99 649 369 43 309 993 376 862 50 1 .

AGE\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

00-98 80,732 80,071 144,458 46,022 45,271 45,479 41,925 44,285 49,037 43,550

99 . . 240 . . . . . . .

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

AGE\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

00-98 62,899 103,286 75,485 65,555 66,394 66,173 69,172 69,304 78,922 79,522

99 . . . . . . 3 18 15 .

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

AGE\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 20,974 21,469 22,198 5,559 5,574 4,533 4,441 4,479 4,846

00-98 133,431 129,840 139,059 128,904 128,168 125,522 128,188 126,989 125,215

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**35. Century of Birth** **CENT** [Return to Index](#INDEX2_2)

**EDITS:** None

**DESCRIPTION:** Century of date of birth.

**NOT AVAILABLE:** 7303, 7903–8509, 9103, 9413, 9603, 9803, 9903

**CODES for files**: 7802, 8603–9003, 9203, 9303, 9503, 9703, 0003–1103

blank — Missing or not collected

0 — Born in the century of the 2000’s

8 — Born in the century of the 1800’s

9 — Born in the century of the 1900’s

**FREQUENCIES:**

CENT\counts: 7802 8603 8703 8803 8903 9003 9203 9303 9503 9703

blank 681 . . . . . . . . .

0 . . . . . . . . . .

8 2,838 274 227 159 115 68 48 37 36 14

9 91,143 45,748 45,044 45,320 41,810 44,217 43,502 62,862 75,449 66,380

Total 94,662 46,022 45,271 45,479 41,925 44,285 43,550 62,899 75,485 66,394

CENT\counts: 0003 0103 0203 0303 0403 0503 0603 0703 0803 0903

blank 27 35 26 19,064 19,498 20,654 6,045 5,765 5,682 5,440

0 188 1,361 2,494 7,319 9,390 12,293 13,306 15,454 16,902 19,535

8 12 6 1 1 . 1 2 . . .

9 69,095 77,535 77,001 128,021 122,421 128,309 115,110 112,523 107,471 107,654

Total 69,322 78,937 79,522 154,405 151,309 161,257 134,463 133,742 130,055 132,629

CENT\counts: 1003 1103

blank 5,614 5,948

0 21,271 22,761

8 . .

9 104,583 101,352

Total 131,468 130,061

**36. Month of Birth** **MOB** [Analysis File](#MOB_35) [Return to Index](#INDEX2_2)

**EDITS:** Simple, Invalid Entry

**DESCRIPTION:** This variable gives the month of birth of each person in numerical code. For cohorts 7303 - 8509, the response, taken from the control file, is the month of birth used in the matches to the National Death Index. For cohorts 8603-0203, the source is the NLMS master files because birth dates collected from CPS respondents are entered directly into the file that serves as the NLMS master file.

**NOT AVAILABLE:** 8024, 9103

**CODES for files**: 7303-8014, 8008-9003, 9203-1103

Acceptable codes are months 01 to 12. All other codes are invalid.

**FREQUENCIES:**

MOB\counts: 7303

blank 858

0 2

01 10,973

02 10,262

03 11,135

04 10,305

05 10,514

06 10,534

07 11,182

08 11,374

09 11,326

10 11,170

11 10,633

12 10,877

13 2

14 2

15 1

16 2

17 2

18 3

21 5

22 5

23 2

30 1

31 1

32 1

33 2

36 1

37 1

41 1

42 2

44 1

50 1

52 1

53 1

55 2

61 1

62 2

63 1

66 2

MOB\counts: 7303

(cont.)

71 2

72 4

73 1

81 1

82 1

86 1

88 2

91 2

92 1

99 2

NA 5

Total 131,213

MOB\counts: 7802 7903 8014 8008 8012 8103 8203 8303 8403 8503

blank . 1,069 1,094 977 . 968 429 862 2,009 1,852

-- . . . . . . 1 . . .

-0 . 2 . . . . . 1 . .

-1 . . . . . . . . . .

-2 . . . . . . . . . .

-3 . . . . . . . . . .

0- . 415 . . . 638 920 883 1,068 1,266

00 869 . . . 2,496 . . . . .

01 8,073 3,566 15,308 15,059 14,593 5,036 6,717 6,772 6,486 6,472

02 7,358 3,247 14,258 14,117 13,428 4,815 6,399 6,055 6,150 5,906

03 7,784 3,462 15,725 15,598 14,766 5,220 6,830 6,751 6,620 6,543

04 7,505 3,321 14,645 14,195 13,915 4,712 6,257 6,252 6,097 6,005

05 7,561 3,436 14,983 14,946 14,197 4,968 6,384 6,316 6,206 6,315

06 7,415 3,354 14,727 14,762 14,440 4,743 6,471 6,540 6,274 6,207

07 7,977 3,541 15,882 15,704 15,026 5,214 6,965 6,889 6,645 6,679

08 8,299 3,682 16,241 16,089 15,366 5,351 7,051 6,960 6,889 6,927

09 8,430 3,645 16,180 15,782 15,344 5,299 6,959 6,968 6,797 6,648

0R . 1 . . . . . . . .

10 8,066 3,527 15,899 15,474 15,239 5,057 6,964 6,820 6,732 6,552

11 7,547 3,307 14,811 14,612 14,228 4,851 6,483 6,613 6,270 6,227

12 7,778 3,523 15,117 15,058 14,727 4,932 6,650 6,599 6,489 6,471

4 . . 1 . . . . . . .

5 . . . . . . . . . 1

Total 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732 80,071

MOB\counts: 8509 8603 8703 8803 8903 9003 9203 9303 9413 9503

blank . . . . . . . 2,200 . .

-- . . . . . . . . . .

-0 . . . . . . . . . .

-1 . . . . . . . . 11 9

-2 . . . . . . . . 1,583 650

-3 . . . . . . . . 1,238 610

0- . . . . . . . . . .

00 1 . . . . . . . . .

01 12,105 3,911 3,781 3,733 3,409 3,638 3,624 4,953 8,814 6,216

02 11,299 3,542 3,462 3,465 3,268 3,417 3,354 4,611 7,837 5,678

03 12,239 3,787 3,831 3,807 3,505 3,713 3,680 5,061 8,911 6,287

04 11,252 3,594 3,605 3,554 3,310 3,509 3,447 4,794 7,805 5,914

05 11,862 3,725 3,666 3,688 3,467 3,643 3,663 4,839 8,269 6,091

06 11,711 3,648 3,705 3,630 3,387 3,489 3,566 5,043 8,178 6,224

07 13,116 4,046 3,874 3,985 3,541 3,882 3,733 5,316 8,574 6,325

08 12,801 4,174 4,041 4,078 3,742 3,999 3,794 5,496 8,652 6,483

09 12,485 3,980 4,005 4,050 3,728 3,881 3,779 5,362 8,653 6,552

0R . . . . . . . . . .

10 12,359 4,050 3,893 3,914 3,728 3,728 3,797 5,281 8,474 6,328

11 11,509 3,621 3,694 3,757 3,373 3,662 3,458 4,921 8,063 5,967

12 11,959 3,944 3,714 3,818 3,467 3,724 3,655 5,022 8,224 6,151

4 . . . . . . . . . .

5 . . . . . . . . . .

Total 144,698 46,022 45,271 45,479 41,925 44,285 43,550 62,899 103,286 75,485

MOB\counts: 9603 9703 9803 9903 0003 0103 0203 0303 0403 0503

blank . . . . . . . 21,089 21,440 22,665

-- . . . . . . . . . .

-0 . . . . . . . . . .

-1 3 7 5 . . . . . . .

-2 553 671 467 21 40 49 27 . . .

-3 695 903 789 . 7 5 10 . . .

0- . . . . . . . . . .

00 . . . . . . . . . .

01 5,497 5,742 5,794 6,080 6,078 6,914 6,949 11,740 11,460 12,465

02 4,846 4,983 5,035 5,367 5,280 5,992 6,189 10,266 10,070 10,664

03 5,497 5,468 5,454 5,975 5,933 6,796 6,700 11,099 11,023 11,470

04 5,085 5,087 5,147 5,516 5,367 6,212 6,187 10,542 10,291 11,103

05 5,179 5,372 5,251 5,635 5,711 6,475 6,520 11,034 10,702 11,518

06 5,293 5,343 5,183 5,601 5,550 6,392 6,423 10,908 10,789 11,171

07 5,628 5,589 5,541 5,944 5,905 6,726 6,810 11,499 11,050 11,933

08 5,693 5,717 5,659 6,001 6,164 6,754 6,929 11,668 11,288 11,943

09 5,493 5,556 5,690 5,811 5,834 6,869 6,824 11,582 11,326 11,949

0R . . . . . . . . . .

10 5,496 5,414 5,446 5,813 5,956 6,800 6,869 11,329 10,975 11,842

11 5,142 5,196 5,236 5,587 5,651 6,324 6,347 10,668 10,224 11,005

12 5,455 5,346 5,476 5,824 5,846 6,629 6,738 10,981 10,671 11,529

4 . . . . . . . . . .

5 . . . . . . . . . .

Total 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405 151,309 161,257

MOB\counts: 0603 0703 0803 0903 1003 1103

blank 8,481 9,513 11,162 11,729 11,440 12,840

-- . . . . . .

-0 . . . . . .

-1 . . . . . .

-2 . . . . . .

-3 . . . . . .

0- . . . . . .

00 . . . . . .

01 11,238 12,016 11,461 11,261 11,074 10,948

02 9,696 9,716 9,142 9,450 9,364 9,143

03 10,453 10,358 9,982 9,957 9,974 9,599

04 10,169 9,581 9,397 9,624 9,419 9,302

05 10,263 10,310 9,635 9,668 9,732 9,488

06 10,245 9,963 9,696 9,818 9,702 9,449

07 10,992 10,636 10,248 10,410 10,323 10,203

08 11,137 10,646 10,243 10,604 10,363 10,289

09 10,625 10,497 10,098 10,284 10,310 10,020

0R . . . . . .

10 10,783 10,557 10,034 10,178 10,139 9,818

11 9,960 9,678 9,382 9,606 9,599 9,208

12 10,421 10,271 9,575 10,040 10,029 9,754

4 . . . . . .

5 . . . . . .

Total 134,463 133,742 130,055 132,629 131,468 130,061

**37. Year of Birth** **YOB** [Analysis File](#YOB_36) [Return to Index](#INDEX2_2)

**EDITS:** Invalid Entry

**DESCRIPTION:** Year of birth**1**. For cohorts 7303 - 8509, year of birth is not saved on CPS files. These data were collected from control card information for the file. When file originated from a source other than CPS, YOB was taken from that source. For cohorts 8603-0203, the source is the NLMS master files because birth dates collected from CPS respondents are entered directly into the file that serves as the NLMS master file.

**NOT AVAILABLE:** 8024, 9103

**1**The century can be either 1800 or 1900 for the same two digit year-of-birth codes.

**CODES for files:** 7303-8014, 8008-9003, 9203-1103

( — Missing

-1 — Missing

-2 — Missing

-3 — Missing

0 — Missing

0- — Missing

00-99 — Final two digits in year of birth

9> — Missing

X — Missing

XX — Missing

**FREQUENCIES:**

YOB\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 789 2 1,072 527 449 2,142 968 429 858 2,016

( 1 . . . . . . . . .

-1 . . . . . . . . . .

-2 . . . . . . . . . .

-3 . . . . . . . . . .

0 5 672 . . . . . . . .

0- . . 393 . . . 551 835 757 953

00-99 130,417 93,887 41,633 184,344 181,924 175,623 60,285 80,216 79,666 77,763

9> 1 . . . . . . . . .

X . 94 . . . . . . . .

XX . 7 . . . . . . . .

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

YOB\counts: 8503 8509 8603 8703 8803 8903 9003 9203 9303 9413

blank 1,848 . . . . . . . . .

( . . . . . . . . . .

-1 . . . . . . . . . 12

-2 . . . . . . . . . 914

-3 . . . . . . . . . 622

0 . . . . . . . . . .

0- 1,131 . . . . . . . . .

00-99 77,092 144,698 46,022 45,271 45,479 41,925 44,285 43,550 62,899 101,738

9> . . . . . . . . . .

X . . . . . . . . . .

XX . . . . . . . . . .

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 43,550 62,899 103,286

YOB\counts: 9503 9603 9703 9803 9903 0003 0103 0203 0303 0403

blank . . . . . . . . . .

( . . . . . . . . . .

-1 12 8 6 7 . . . . 14,179 14,541

-2 355 283 326 221 18 23 33 18 1,818 1,734

-3 223 235 301 221 1 4 2 8 3,067 3,223

0 . . . 9 . . . . . .

0- . . . . . . . . . .

00-99 74,895 65,029 65,761 65,715 69,156 69,295 78,902 79,496 135,341 131,811

9> . . . . . . . . . .

X . . . . . . . . . .

XX . . . . . . . . . .

Total 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405 151,309

YOB\counts: 0503 0603 0703 0803 0903 1003 1103

blank . . . . . . .

( . . . . . . .

-1 14,875 297 624 401 435 329 434

-2 2,184 2,156 1,768 1,247 1,134 1,256 1,132

-3 3,595 3,592 3,373 4,034 3,871 4,029 4,382

0 . . . . . . .

0- . . . . . . .

00-99 140,603 128,418 127,977 124,373 127,189 125,854 124,113

9> . . . . . . .

X . . . . . . .

XX . . . . . . .

Total 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**38. Final Sex from Multiple Sources** **SEXF** [Analysis File](#SEXF_37) [Return to Index](#INDEX2_2)

**EDITS:** Simple

**DESCRIPTION:** This variable indicates the most complete information for gender available to the NLMS. The defining value assigned to this variable includes an attempt to identify missing values and settle inconsistencies among several sources by manual review. The defining value is determined by NLMS processing and may or may not be in agreement with the associated CPS or Census files. This multistep process was used to determine a valid SEXF entry for the following files: 7303, 7802, 8014, 8008, 8012, 8024, 8203, and 8509. The value of SEXF for all other NLMS files is the value of gender existing on the CPS or Census file, i.e. the value listed under the variable SEX. In some cases original values of gender are imputed for CPS purposes and were the values received by the NLMS from the CPS master file source.

In addition, the following steps were followed to define the value of SEXF for the indicated files. If the value of SEX and SEXC are valid entries, i.e. a 1=male or 2=female, and SEX=SEXC, then SEXF is assigned the common value. If the value of SEX is a valid entry and SEXC is missing, the value of SEX is assigned to SEXF. If the value of SEX is missing and the value of SEXC is a valid entry, the value of SEXC is assigned to SEXF. If SEX and SEXC are valid but do not agree, then a manual review was conducted using as a first gender screen the uniquely male and uniquely female first names from the National Death Index. Cases not identified in this process were then listed within household for a manual, visual, review. Names that were not identifiable in this setting were assigned the value of variable SEX, the possibly imputed value of gender on the operational CPS file and the value of gender that is accepted as correct on the CPS master file.

**AVAILABLE FILES:** All files

**CODES for files:** All files

blank — Missing

1 — Sex if male

2 — Sex if female

9 — Missing

**FREQUENCIES:**

SEXF\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

blank . . . . . . . . 1 .

1 63,470 44,717 20,720 89,398 57,969 88,170 85,878 29,884 39,398 39,144

2 67,743 49,943 22,378 95,473 66,375 94,203 91,886 31,920 42,081 42,137

9 . 2 . . 1 . 1 . . .

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

SEXF\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

blank . . . . . . . . . .

1 38,934 38,440 69,731 21,572 21,140 21,279 19,606 20,701 23,298 20,559

2 41,798 41,631 74,967 24,450 24,131 24,200 22,319 23,584 25,739 22,991

9 . . . . . . . . . .

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

SEXF\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

blank . . . . . . . . . .

1 29,966 49,598 36,212 31,336 32,041 31,905 33,345 33,708 38,297 38,650

2 32,933 53,688 39,273 34,219 34,353 34,268 35,830 35,614 40,640 40,872

9 . . . . . . . . . .

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

SEXF\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 22,184 22,047 23,959 6,620 6,764 5,485 5,525 5,539 6,047

1 64,546 62,613 66,656 62,206 61,874 60,343 61,746 61,191 60,074

2 67,675 66,649 70,642 65,637 65,104 64,227 65,358 64,738 63,940

9 . . . . . . . . .

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**39. Date of Birth—from SSA Numident** **DOBN** [Return to Index](#INDEX2_2)

**EDITS:** None

**DESCRIPTION:**

**AVAILABLE FILES:** All files

**40. Citizenship Group** **CITIZEN** [Analysis File](#CITIZEN_A) [Return to Index](#INDEX2_2)

**EDITS**: Simple

**DESCRIPTION**: Beginning with the 2000 redesign of the CPS, the variable PRCITSHP was collected and defined for CPS surveys. The NLMS version of this variable, CITIZEN, is a direct input of the variable PRCITSHP.

**NOT AVAILABLE**: 7303-9303

**CODES for files**: 9413-0203

blank – blank, unknown, fail edit record

1 – Native, born in the U.S.

2 – Native, born in PR or U.S. outlying area

3 – Native, born abroad of U.S. parents

4 – Foreign born, U.S. citizenship by naturalization

5 – Foreign born, NOT a U.S. Citizen

**FREQUENCIES**:

CITIZEN\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203

blank 8,855 6,658 5,845 5,831 5,746 6,250 7,585 6,468 6,236

1 82,380 60,789 52,989 53,127 53,428 54,169 52,475 61,726 62,649

2 870 526 470 426 398 670 529 624 675

3 942 630 529 575 551 463 506 594 587

4 2,770 2,178 1,682 2,140 2,120 2,549 2,702 3,234 3,097

5 7,469 4,704 4,040 4,295 3,930 5,074 5,525 6,291 6,278

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

**CODES for files**: 0303-1103

blank – blank, unknown, fail edit record

0 – unknown, fail edit record

1 – Native, born in the U.S.

2 – Native, born in PR or U.S. outlying area

3 – Native, born abroad of U.S. parents

4 – Foreign born, U.S. citizenship by naturalization

5 – Foreign born, NOT a U.S. Citizen

**FREQUENCIES**:

CITIZEN\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 7,704 6,708 6,296 4,805 4,043 3,201 2,770 1,755 687

0 20,616 21,105 21,827 5,082 5,009 4,421 4,342 4,387 4,734

1 110,358 107,611 116,179 107,775 107,482 105,590 108,528 107,724 106,847

2 695 768 731 750 741 737 707 732 789

3 1,013 1,119 1,073 1,020 985 982 973 993 977

4 4,905 4,968 5,294 5,323 5,728 5,781 6,182 6,409 6,861

5 9,114 9,030 9,857 9,708 9,754 9,343 9,127 9,468 9,166

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061 **41. Place of Birth from Control File** **POB** [Analysis File](#POB_39) [Return to Index](#INDEX2_2)

[Return to POBF](#POBF)

**EDITS:** Simple

**DESCRIPTION:** Place of birth is collected from control card or from special sources when the control file was constructed by the original file sponsor. All file sources have been standardized into the National Death Index Geographical codes for states.

**NOT AVAILABLE**: 7303, 7903, 8024, 8103–1103

**CODES for files**: 7802\*, 8014, 8008, 8012

**\***Only available for small fraction of the 7802 file

National Death Index Geographical Codes for State

(or Foreign Country of Residence and Birth)

Source: National Death Index User's Manual, October 1997.

01 Alabama 21 Maryland 41 South Carolina

02 Alaska 22 Massachusetts 42 South Dakota

03 Arizona 23 Michigan 43 Tennessee

04 Arkansas 24 Minnesota 44 Texas

05 California 25 Mississippi 45 Utah

06 Colorado 26 Missouri 46 Vermont

07 Connecticut 27 Montana 47 Virginia

08 Delaware 28 Nebraska 48 Washington

09 District of Columbia 29 Nevada 49 West Virginia

10 Florida 30 New Hampshire 50 Wisconsin

11 Georgia 31 New Jersey 51 Wyoming

12 Hawaii 32 New Mexico 52 Puerto Rico

13 Idaho 33 New York State 53 Virgin Islands

14 Illinois 34 North Carolina 54 Guam

15 Indiana 35 North Dakota 55 Canada

16 Iowa 36 Ohio 56 Cuba

17 Kansas 37 Oklahoma 57 Mexico

18 Kentucky 38 Oregon 59 Rest of world

19 Louisiana 39 Pennsylvania 99 Unknown

20 Maine 40 Rhode Island

**FREQUENCIES:**

POB\counts: 7802 8014 8008 8012

01 373 3,331 3,369 3,294

02 8 766 741 692

03 61 1,272 1,261 1,380

04 171 3,042 2,706 1,386

05 885 8,977 8,930 8,954

06 86 2,300 2,408 2,153

07 167 1,730 1,787 1,687

08 41 1,042 1,001 1,080

09 120 1,268 1,347 1,344

10 280 2,434 2,222 2,135

11 396 3,316 3,336 3,292

12 46 1,303 1,320 1,393

13 42 1,838 1,783 1,766

14 840 7,444 7,253 6,998

15 342 3,736 3,645 3,481

16 205 3,557 3,487 3,451

17 201 2,875 2,857 2,850

18 300 3,864 3,662 2,117

19 325 2,898 2,788 2,858

20 80 1,991 1,983 1,981

21 201 2,933 2,837 2,808

22 470 4,286 4,237 4,164

23 47 5,689 5,467 4,662

24 269 4,043 3,676 3,719

25 209 3,201 3,354 3,106

26 372 5,159 5,281 5,066

27 . 1,883 1,734 1,798

28 70 2,723 2,602 2,450

29 8 661 675 676

30 59 1,291 1,086 1,272

31 474 3,816 3,686 2,615

32 59 1,735 1,858 1,755

33 1,380 11,020 10,236 10,210

34 481 3,644 3,341 3,494

35 53 2,531 2,563 2,674

36 766 7,590 7,194 6,180

37 142 2,876 2,880 2,749

38 108 1,815 1,788 1,916

39 926 8,175 8,337 7,857

40 66 1,798 1,553 1,538

41 233 2,326 2,189 2,185

42 60 2,448 2,318 2,437

43 384 2,836 2,480 2,509

44 809 7,785 7,379 7,556

45 73 2,817 2,757 2,790

46 17 1,462 1,374 1,336

47 302 2,943 2,881 3,034

48 200 2,527 2,328 2,399

49 180 2,858 2,645 2,993

50 288 3,807 3,895 3,727

51 21 1,167 1,080 1,018

52 109 . . .

53 2 . . .

54 2 . . .

55 67 . . .

56 34 . . .

57 218 . . .

59 2,978 11,382 11,185 10,779

99 77,556 4,660 7,591 10,001

Total 94,662 184,871 182,373 177,765**42. Place of Birth—Final** **POBF** [Return to Index](#INDEX2_2)

**EDITS:** None

**DESCRIPTION:** Place of birth was collected at the time of survey for several of the early NLMS cohorts (see [POB](#POB)). The information for POB was obtained from control cards for information available at the time of survey. For the NLMS, the variable POB was collected mainly for the 1980 Census undercount files: 8014, 8008, and 8012. Through the use of administrative record linkage, other sources of place of birth have been used to create a more complete variable for place of birth, labeled POBF. This variable expands the original POB where it was available and creates new information otherwise. The main source of the additional information used to define POBF was the Social Security Administration NUMIDENT file. The code for the variable POBF was defined according to the ISO 3166-1 (International Organization for Standardization) format. The country names in this list are defined if the country is a part of one of two lists: The United Nations Terminology Bulletin, *Country Names*, or, *Country and Region Codes for Statistical Use*, of the UN Statistics Division. To be a country in one of these two lists, the country must satisfy at least one of the following: be a member of the United Nations, be a member of one of its specialized agencies, or be a party to the *Statute of the International Court of Justice*. Once a country name or territory name appears in either of these two sources, it is automatically added to the ISO list by default. The list of eligible names for NLMS purposes is the ISO 3166-1 list as defined in February of 2011; see [Appendix D-1](#APP_D_1) (country name, alphabetical sort order) or [D-2](#APP_D_2) (numerical value sort order).

The definition of POBF includes over 600 country identifications. For this reason to provide ease of use, a variety of reclassifications of the variable have been developed. See [POBFCAT3](#POBFCAT3), [POBFCAT4](#POBFCAT4), [POBFCAT5](#POBFCAT5), [REGIONOB](#REGIONOB), [REGIONOBG](#REGIONOBG), [REGIONOBM](#REGIONOBM), and [REGIONOBE](#REGIONOBE).

POBF as defined in the NLMS covers not only foreign countries, but also includes the individual states of the United States. The coding of the NLMS variable POBF has been expanded from the ISO 3166-1 code to cover all possibilities in a single three-digit code as shown below.

**AVAILABLE FILES**: All files

**CODES for files**: All Files

001 – 899 Foreign country three digit ISO 3166-1 code, see Appendix [D-1](#APP_D_1) or [D-2](#APP_D_2)

901 – 960 US state codes, the last two digits form the FIPS state code, see [FIPSSTATE](#FIPSSTATE_24)

970 – Other Asian country not specifically identified in ISO-3166-1

971 – Other areas in the Caribbean not specifically identified in ISO-3166-1

972 - Other areas on the African continent not specifically identified in ISO-3166-1

973 - Other areas of the Pacific Islands not specifically identified in ISO-3166-1

974 - Other areas in the Middle East not specifically identified in ISO-3166-1

975 – Yugoslavia

976 - Other areas in Europe not specifically identified in ISO-3166-1

977 - Other areas of North America not specifically identified in ISO-3166-1

978 - Other areas of Central America not specifically identified in ISO-3166-1

979 - Other areas of South America not specifically identified in ISO-3166-1

980 – Areas outside of the US not specifically identified, indication of foreign born.

981 – Areas inside the US not specifically identified, i.e., born in US

999 – Missing or unknown place of birth

**NOTE 1**: The codes 970—981 were also assigned when the information available on place of birth indicated a place of birth in a general sense but not a specific country from the ISO 3166-1 list. That is, the information available was enough to assign one of the continents or generalized land areas indicated.

**NOTE 2**: The determination of place of birth was dropped for files 0303-1103 from CPS, and the variable country of birth (PUNATVTY) was the only place of birth variable collected. The code (PUNATVTY = 057), born in the United States, identifies persons born in the U.S. All records so identified are assigned the POBF code of 981.

**43. Three-Way Classification of POBF** **POBFCAT3** [Return to Index](#INDEX2_2)

**EDITS:** None

**DESCRIPTION:** Place of birth was collected from control cards at the time of survey for several of the early NLMS cohorts. Through the use of administrative record linkage, other sources of place of birth have been used to create a more complete variable for place of birth, labeled [POBF](#POBF).

The definition of POBF includes over 600 country identifications. For this reason to provide ease of use, a variety of reclassifications of the variable have been developed, including a three-way classification, POBFCAT3. Also see [POBFCAT4](#POBFCAT4), [POBFCAT5](#POBFCAT5), [REGIONOB](#REGIONOB), [REGIONOBG](#REGIONOBG), [REGIONOBM](#REGIONOBM), and [REGIONOBE](#REGIONOBE).

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

0 – Missing POBF

1 – POBF is within the US, Puerto Rico, or within an outlying possession of the US

2 – POBF is NOT identified as part of the US as defined in category 1

**44.** **Four-Way Classification of POBF POBFCAT4** [Return to Index](#INDEX2_2)

**EDITS:** None

**DESCRIPTION:** Place of birth was collected from control cards at the time of survey for several of the early NLMS cohorts. Through the use of administrative record linkage, other sources of place of birth have been used to create a more complete variable for place of birth, labeled [POBF](#POBF).

The definition of POBF includes over 600 country identifications. For this reason to provide ease of use, a variety of reclassifications of the variable have been developed, including a four-way classification, POBFCAT4. Also see [POBFCAT3](#POBFCAT3), [POBFCAT5](#POBFCAT5), [REGIONOB](#REGIONOB), [REGIONOBG](#REGIONOBG), [REGIONOBM](#REGIONOBM), and [REGIONOBE](#REGIONOBE).

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

0 – Missing POBF

1 – POBF indicates born in the US

2 – POBF indicates born in Puerto Rico or within an outlying possession of the US

3 – POBF is NOT born in the US, i.e. POBF is not identified as either category 1 or 2

**45. Five-Way Classification of POBF** **POBFCAT5** [Return to Index](#INDEX2_2)

**EDITS:** None

**DESCRIPTION:** Place of birth was collected from control cards at the time of survey for several of the early NLMS cohorts. Through the use of administrative record linkage, other sources of place of birth have been used to create a more complete variable for place of birth, labeled [POBF](#POBF).

The definition of POBF includes over 600 country identifications. For this reason to provide ease of use, a variety of reclassifications of the variable have been developed, including a five-way classification, POBFCAT5. Also see [POBFCAT3](#POBFCAT3), [POBFCAT4](#POBFCAT4), [REGIONOB](#REGIONOB), [REGIONOBG](#REGIONOBG), [REGIONOBM](#REGIONOBM), and [REGIONOBE](#REGIONOBE).

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

0 – Missing POBF

1 – POBF indicates born in the US

2 – POBF indicates born in Puerto Rico or within an outlying possession of the US

3 – POBF indicates not born in the US, PR or outlying possession, categories 1 and 2, or in Mexico

4 – POBF indicates person was born in Mexico

5 – POBF indicates person born elsewhere but not in the US

**46. Region of Birth** **REGIONOB** [Return to Index](#INDEX2_2)

**EDITS:** None

**DESCRIPTION:** Place of birth was collected from control cards at the time of survey for several of the early NLMS cohorts. Through the use of administrative record linkage, other sources of place of birth have been used to create a more complete variable for place of birth, labeled [POBF](#POBF).

The definition of POBF includes over 600 country identifications. For this reason to provide ease of use, a variety of reclassifications of the variable have been developed, including POBF indicating region of birth, REGIONOB. Also see [POBFCAT3](#POBFCAT3), [POBFCAT4](#POBFCAT4), [POBFCAT5](#POBFCAT5), [REGIONOBG](#REGIONOBG), [REGIONOBM](#REGIONOBM), and [REGIONOBE](#REGIONOBE).

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

0 – Missing POBF

1 – POBF indicates a country on the African continent

2 – POBF indicates a country on the Asian continent

3 – POBF indicates a country on the European continent

4 – POBF indicates a country in Latin America

5 – POBF indicates a country on the North American continent, but not in the US

6 – POBF indicates a country not on a continent, but identified as an island off of an identifiable continent

7 – POBF indicates person born elsewhere but not in the US

8 – POBF indicates born in Puerto Rico or an outlying possession of the US

9 – POBF indicates born in the US

**47.** **Region of Birth Isolating the US REGIONOBG** [Return to Index](#INDEX2_2)

**EDITS:** None

**DESCRIPTION:** Place of birth was collected from control cards at the time of survey for several of the early NLMS cohorts. Through the use of administrative record linkage, other sources of place of birth have been used to create a more complete variable for place of birth, labeled [POBF](#POBF).

The definition of POBF includes over 600 country identifications. For this reason to provide ease of use, a variety of reclassifications of the variable have been developed, including POBF indicating region of birth and isolating the US, REGIONOBG. Also see [POBFCAT3](#POBFCAT3), [POBFCAT4](#POBFCAT4), [POBFCAT5](#POBFCAT5), [REGIONOB](#REGIONOB), [REGIONOBM](#REGIONOBM), and [REGIONOBE](#REGIONOBE).

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

0 – Missing POBF

1 – POBF indicates a country on the African continent

2 – POBF indicates a country on the Asian continent

3 – POBF indicates a country on the European continent

4 – POBF indicates a country in Latin America

5 – POBF indicates the North American continent

6 – POBF indicates a country not on a continent, but identified as an island off of an identifiable continent

7 – POBF indicates person born elsewhere but not in the US

8 – POBF indicates born in the US, Puerto Rico, or an outlying possession of the US

**48.** **Region of Birth Isolating Mexico REGIONOBM** [Return to Index](#INDEX2_2)

**EDITS:** None

**DESCRIPTION:** Place of birth was collected from control cards at the time of survey for several of the early NLMS cohorts. Through the use of administrative record linkage, other sources of place of birth have been used to create a more complete variable for place of birth, labeled [POBF](#POBF).

The definition of POBF includes over 600 country identifications. For this reason to provide ease of use, a variety of reclassifications of the variable have been developed, including POBF indicating region of birth and isolating Mexico, REGIONOBM. Also see [POBFCAT3](#POBFCAT3), [POBFCAT4](#POBFCAT4), [POBFCAT5](#POBFCAT5), [REGIONOB](#REGIONOB), [REGIONOBG](#REGIONOBG), and [REGIONOBE](#REGIONOBE).

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

00 – Missing POBF

01 – POBF indicates a country on the African continent

02 – POBF indicates a country on the Asian continent

03 – POBF indicates a country on the European continent

04 – POBF indicates a country in Latin America

05 – POBF indicates person was born in Mexico

06 – POBF indicates a country on the North American continent

07 – POBF indicates a country not on a continent, but identified as an island off of an identifiable continent, not in the US

08 – POBF indicates person born elsewhere but not in the US

09 – POBF indicates born in Puerto Rico or an outlying possession of the US

10 – POBF indicates born in the US

**49.** **Region of Birth Isolates Mexico, Splits Europe REGIONOBE** [Return to Index](#INDEX2_2)

**EDITS:** None

**DESCRIPTION:** Place of birth was collected from control cards at the time of survey for several of the early NLMS cohorts. Through the use of administrative record linkage, other sources of place of birth have been used to create a more complete variable for place of birth, labeled [POBF](#POBF).

The definition of POBF includes over 600 country identifications. For this reason to provide ease of use, a variety of reclassifications of the variable have been developed, including POBF indicating region of birth and isolating Mexico while splitting Europe, REGIONOBE. Also see [POBFCAT3](#POBFCAT3), [POBFCAT4](#POBFCAT4), [POBFCAT5](#POBFCAT5), [REGIONOB](#REGIONOB), [REGIONOBG](#REGIONOBG), and [REGIONOBM](#REGIONOBM).

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

00 – Missing POBF

01 – POBF indicates a country on the African continent

02 – POBF indicates a country on the Asian continent

03 – POBF indicates a country in Eastern Europe

04 – POBF indicates a country in Western Europe

05 – POBF indicates a country in North America but not the US or Mexico

06 – POBF indicates a country on the South American continent

07 – POBF indicates a country in Latin America

08 – POBF indicates person was born in Mexico

09 – POBF indicates a country not on a continent, but identified as an island off of an identifiable continent, not in the US

10 – POBF indicates person born elsewhere but not in the US

11 – POBF indicates born in Puerto Rico or an outlying possession of the US

12 – POBF indicates born in the US

**RACE AND ETHNICITY VARIABLES**

**50. Race** **RACE**  [Return to Index](#INDEX3_1)

**EDITS:** None

**DESCRIPTION:** Codes for race are assigned with first priority being the CPS code. If there is no code on the CPS record, the second priority is the code on the control file.

RACE can be difficult to use and interpret. For a simple race code, [RACER](#RACER) is the recommended variable. To yield the maximum race group detail (which evolves over time with the availability of underlying data), [RACEX](#RACEX) is the recommended variable. There is no Analysis File version of RACE; use RACER or RACEX as appropriate.

**NOT AVAILABLE:** 0303-1103

**CODES for files:** 7303-7903, 8012-8503

blank — Unknown

0 — Unknown

1 — White

2 — Black

3 — Other

7 — Other

9 — Unknown

**FREQUENCIES:**

RACE\counts: 7303 7802 7903 8012 8103 8203 8303 8403 8503

blank . 1 . 133 . 1 . . .

0 . 106 . 103 . . . . .

1 115,684 83,454 38,009 152,903 53,533 70,485 70,642 70,071 68,956

2 13,872 9,684 3,840 18,796 6,219 8,303 7,834 8,131 8,242

3 1,427 1,417 1,249 5,825 2,052 2,691 2,805 2,530 2,873

7 . . . 5 . . . . .

9 230 . . . . . . . .

Total 131,213 94,662 43,098 177,765 61,804 81,480 81,281 80,732 80,071

**CODES for files:** 8014, 8008, 8509

- — Unknown

1 — White

2 — Black

3 — American Indian, Aleut, Eskimo

4 — Asian or Pacific islands

5 — Other

**FREQUENCIES:**

RACE\counts: 8014 8008 8509

- . . 2

1 159,580 157,098 124,456

2 19,745 19,601 15,507

3 5,447 5,571 4,604

4 80 83 122

5 19 20 7

Total 184,871 182,373 144,698

**CODES for files:** 8024

9 — Unknown

A — White I — Asian Indian

B — Black J — Hawaiian

C — Japanese K — Guamanian

D — Chinese L — Samoan

E — Filipino M — Eskimo

F — Korean N — Aleutian

G — Vietnamese O — Other

H — American Indian

**FREQUENCIES:**

RACE\counts: 8024

9 1,051

A 100,254

B 16,463

C 541

D 362

E 479

F 118

G 122

H 991

I 138

J 160

K 26

L 13

M 53

N 36

O 3,538

Total 124,345

**CODES for files:** 8603, 8703

1 — White

2 — Black

3 — Other

**FREQUENCIES:**

RACE\counts: 8603 8703

1 40,881 40,200

2 3,831 3,771

3 1,310 1,300

Total 46,022 45,271

**CODES for files:** 8803–0203

1 — White

2 — Black

3 — American Indian, Aleut, Eskimo

4 — Asian or Pacific Islander

5 — Other

**FREQUENCIES:**

RACE\counts: 8803 8903 9003 9103 9203 9303 9413 9503 9603 9703

1 40,364 37,237 39,191 43,422 38,517 54,215 85,881 62,720 55,579 56,546

2 3,600 3,361 3,476 3,873 3,367 5,942 10,975 7,632 6,999 6,686

3 399 343 464 443 451 680 1,250 909 867 951

4 1,058 916 1,067 1,199 1,078 1,777 3,404 2,474 2,110 2,211

5 58 68 87 100 137 285 1,776 1,750 . .

Total 45,479 41,925 44,285 49,037 43,550 62,899 103,286 75,485 65,555 66,394

RACE\counts: 9803 9903 0003 0103 0203

1 56,227 59,665 59,443 67,779 68,481

2 6,869 6,348 6,705 7,092 7,105

3 830 924 1,027 1,232 1,410

4 2,247 2,238 2,147 2,834 2,526

5 . . . . .

Total 66,173 69,175 69,322 78,937 79,522

**51. Race Recode—White/Black/Other** **RACER** [Analysis File](#RACER_49) [Return to Index](#INDEX3_1)

[Return to RACE](#RACE)

**EDITS:** Simple, Invalid Entry, Recode

**DESCRIPTION:** Race is recoded so that all files have the same race coding.

For files after 2003, the variable RACER is a recode taken from the NLMS variable #53, [RACEPRDT](#RACEPRDT), documented on page 89. The race variable, RACEPRDT, is a multi-category variable recording the respondent response to the survey request to identify a race category which best describes their race from the choices on a presented list. The multiple choices offer a variety of mixed race possibilities for the respondent to consider. The variable RACER for the indicated files is a recode of the variable, RACEPRDT, as determined by the CPS Branch of the Demographic Directorate. The NLMS variable is taken directly from the CPS variable, A\_RACE, as given in NLMS master file according to the file documentation. The CPS Branch determined categorization translation of RACEPRDT to RACER is:

RACEPRDT = -1 – Missing ==> RACER = blank, Missing

RACEPRDT = 01 – White Only ==> RACER = 1, White

RACEPRDT = 02 – Black Only ==> RACER = 2, Black

All categories of RACEPRDT below ==> RACER = 3, Other

03 -- American Indian, Alaskan Native Only

04 – Asian Only

05 – Hawaiian/Pacific Islander Only

06 – White and Black

07 – White and American Indian

08 – White and Asian

09 – White and Hawaiian

10 – Black and American Indian

11 – Black and Asian

12 – Black and Hawaiian, Other Pacific Islander

13 – Asian and American Indian

14 – American Indian and Hawaiian, Other Pacific Islander

15 – Asian and Hawaiian, Other Pacific Islander

16 – White, Black, and American Indian

17 – White, Black, and Asian

18 – White, Black, and Hawaiian, Other Pacific Islander

19 – White, Asian, and American Indian

20 – White, American Indian, and Hawaiian, Other Pacific Islander

21 – White, Asian, and Hawaiian, Other Pacific Islander

22 – Black, Asian and American Indian

23 – Black, American Indian, and Hawaiian, Other Pacific Islander

24 – Black, Asian, and Hawaiian, Other Pacific Islander

25 – Asian, American Indian, and Hawaiian, Other Pacific Islander

26 – White, Black, Asian, and American Indian

27 – White, Asian, American Indian, and Hawaiian, Other Pacific Islander

28 – White, Black, Asian, and Hawaiian, Other Pacific Islander

29 – White, Black, American Indian, and Hawaiian, Other Pacific Islander

30 – Black, Asian, American Indian, and Hawaiian, Other Pacific Islander

31 – White, Black, Asian, American Indian, and Hawaiian, Other Pacific Islander

**AVAILABLE FILES:** All files

**CODES for files:** 7303-0203

blank — Blank

- — Unknown

1 — White

2 — Black

3 — Other

4 — Other

5 — Other

9 — Unknown

**FREQUENCIES:**

RACER\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

blank . . . . . . . . 1 .

- . . . . . . . . . .

1 115,684 83,454 38,009 159,580 100,254 157,098 152,903 53,533 70,485 70,642

2 13,872 9,684 3,840 19,745 16,463 19,601 18,796 6,219 8,303 7,834

3 1,427 1,417 1,249 5,546 6,577 5,674 5,830 2,052 2,691 2,805

4 . . . . . . . . . .

5 . . . . . . . . . .

9 230 107 . . 1,051 . 236 . . .

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

RACER\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

blank . . . . . . . . . .

- . . 2 . . . . . . .

1 70,071 68,956 124,456 40,881 40,200 40,364 37,237 39,191 43,422 38,517

2 8,131 8,242 15,507 3,831 3,771 3,600 3,361 3,476 3,873 3,367

3 2,530 2,873 4,604 1,310 1,300 1,515 1,327 1,618 1,742 1,666

4 . . 122 . . . . . . .

5 . . 7 . . . . . . .

9 . . . . . . . . . .

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

RACER\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

blank . . . . . . . . . .

- . . . . . . . . . .

1 54,215 85,881 62,720 55,579 56,546 56,227 59,665 59,443 67,779 68,481

2 5,942 10,975 7,632 6,999 6,686 6,869 6,348 6,705 7,092 7,105

3 2,742 6,430 5,133 2,977 3,162 3,077 3,162 3,174 4,066 3,936

4 . . . . . . . . . .

5 . . . . . . . . . .

9 . . . . . . . . . .

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

**CODES for files:** 0303-1103

blank — Missing

1 — White

2 — Black

3 — Other

**FREQUENCIES:**

RACER\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 20,616 21,105 21,827 5,082 5,009 4,456 4,342 4,387 4,734

1 106,151 103,339 110,970 102,216 100,957 98,298 99,828 97,810 96,911

2 16,273 15,242 16,064 15,175 15,795 15,486 15,604 16,589 15,580

3 11,365 11,623 12,396 11,990 11,981 11,815 12,855 12,682 12,836

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**52. Race Expanded w/ American Indian & Asian** **RACEX** [Analysis File](#RACEX_50) [Return to Index](#INDEX3_1)

[Return to RACE](#RACE)

**EDITS:** Simple, Invalid Entry, Recode

**DESCRIPTION:** An expanded version of RACE (variable #50) which separates the "American Indian, etc." and "Asian, etc." categories out of "Other" from the variable RACE.

For files after 2003, the variable RACEX is a recode taken from the NLMS variable #53, [RACEPRDT](#RACEPRDT), documented on page 89. The race variable RACEPRDT is a multi-category variable recording the respondent response to the survey request to identify a race category which best describes their race from the choices on a presented list. The multiple choices offer a variety of mixed race possibilities for the respondent to consider. The variable RACEX for the indicated files is a recode of the variable, RACEPRDT, as determined by the CPS Branch of the Demographic Directorate. The NLMS variable is taken directly from the CPS variable, A\_RACE, as given in NLMS master file according to the file documentation. The CPS Branch determined categorization translation of RACEPRDT to RACEX is:

RACEPRDT = -1 – Missing ==> RACEX = blank, Missing

RACEPRDT = 01 – White Only ==> RACEX = 1, White

RACEPRDT = 02 – Black Only ==> RACEX = 2, Black

RACEPRDT = 03 – American Indian, Alaskan Native Only ==>

RACEX = 3, American Indian or Eskimo

RACEPRDT = 04 – Asian Only ==> RACEX = 4, Asian or Pacific Islander

RACEPRDT = 05 – Hawaiian/Pacific Islander Only ==>

RACEX = 4, Asian or Pacific Islander

RACEPRDT = 15 – Asian and Hawaiian, Other Pacific Islander ==>

RACEX = 4, Asian or Pacific Islander

All categories of RACEPRDT below ==> RACEX = 5, Other Nonwhite

06 – White and Black

07 – White and American Indian

08 – White and Asian

09 – White and Hawaiian

10 – Black and American Indian

11 – Black and Asian

12 – Black and Hawaiian, Other Pacific Islander

13 – Asian and American Indian

14 – American Indian and Hawaiian, Other Pacific Islander

16 – White, Black, and American Indian

17 – White, Black, and Asian

18 – White, Black, and Hawaiian, Other Pacific Islander

19 – White, Asian, and American Indian

20 – White, American Indian, and Hawaiian, Other Pacific Islander

21 – White, Asian, and Hawaiian, Other Pacific Islander

22 – Black, Asian and American Indian

23 – Black, American Indian, and Hawaiian, Other Pacific Islander

24 – Black, Asian, and Hawaiian, Other Pacific Islander

25 – Asian, American Indian, and Hawaiian, Other Pacific Islander

26 – White, Black, Asian, and American Indian

27 – White, Asian, American Indian, and Hawaiian, Other Pacific Islander

28 – White, Black, Asian, and Hawaiian, Other Pacific Islander

29 – White, Black, American Indian, and Hawaiian, Other Pacific Islander

30 – Black, Asian, American Indian, and Hawaiian, Other Pacific Islander

31 – White, Black, Asian, American Indian, and Hawaiian, Other Pacific Islander

**NOT AVAILABLE:** 7303, 7802, 8603, 8703

**CODES for files**: 7903–8509

- — Unknown

1 — White

2 — Black

3 — American Indian or Eskimo

4 — Asian or Pacific Islander

5 — Other Nonwhite

9 — Unknown

**FREQUENCIES:**

RACEX\counts: 7903 8014 8024 8008 8012 8103 8203 8303 8403 8503

- . . . . . . . . . .

1 38,009 159,580 100,254 157,098 152,903 53,533 70,486 70,642 70,071 68,956

2 3,840 19,745 16,463 19,601 18,796 6,219 8,303 7,834 8,131 8,242

3 302 1,654 1,080 1,895 1,846 632 941 798 889 818

4 605 3,616 1,959 3,520 3,854 1,367 1,678 1,922 1,574 2,004

5 340 150 3,538 119 99 50 61 80 64 42

9 2 126 1,051 140 267 3 11 5 3 9

Total 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281 80,732 80,071

RACEX\counts: 8509

- 225

1 124,197

2 15,451

3 1,337

4 3,318

5 170

9 .

Total 144,698

**CODES for files**: 8803–0203

1 — White

2 — Black

3 — American Indian or Eskimo

4 — Asian or Pacific Islander

5 — Other Nonwhite

**FREQUENCIES:**

RACEX\counts: 8803 8903 9003 9103 9203 9303 9413 9503 9603 9703

1 40,364 37,237 39,191 43,422 38,517 54,215 85,881 62,720 55,579 56,546

2 3,600 3,361 3,476 3,873 3,367 5,942 10,975 7,632 6,999 6,686

3 399 343 464 443 451 680 1,250 909 867 951

4 1,058 916 1,067 1,199 1,078 1,777 3,404 2,474 2,110 2,211

5 58 68 87 100 137 285 1,776 1,750 . .

Total 45,479 41,925 44,285 49,037 43,550 62,899 103,286 75,485 65,555 66,394

RACEX\counts: 9803 9903 0003 0103 0203

1 56,227 59,665 59,443 67,779 68,481

2 6,869 6,348 6,705 7,092 7,105

3 830 924 1,027 1,232 1,410

4 2,247 2,238 2,147 2,834 2,526

5 . . . . .

Total 66,173 69,175 69,322 78,937 79,522

**CODES for files**: 0303–1103

blank — Missing

1 — White

2 — Black

3 — American Indian or Eskimo

4 — Asian or Pacific Islander

5 — Other Nonwhite

**FREQUENCIES:**

RACEX\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 20,640 21,150 21,857 5,107 5,032 4,489 4,373 4,411 4,771

1 106,151 103,339 110,970 102,216 100,957 98,298 99,828 97,810 96,911

2 16,273 15,242 16,064 15,175 15,795 15,486 15,604 16,589 15,580

3 2,017 1,916 2,129 1,817 1,890 1,723 1,991 1,806 1,628

4 6,076 6,364 6,348 6,476 6,904 6,953 7,443 7,519 7,904

5 3,248 3,298 3,889 3,672 3,164 3,106 3,390 3,333 3,267

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**53. Detailed Race 2000 CPS Redesign** **RACEPRDT** [Analysis File](#RACEPRDT_A) [Return to Index](#INDEX3_1)

[Return to RACER](#RACER)

**EDITS:** Simple [Return to RACEX](#RACEX)

**DESCRIPTION:** Beginning with the 2000 redesign of the CPS, a detailed version of race was collected which presented the respondent with a wide variety of mixed race possibilities to describe his/her race. This variable was introduced to files in the NLMS in 2003. For files in the NLMS beginning with the 2003 file, other race variables such as RACER and RACEX are derived from the categories of RACEPRDT.

**NOT AVAILABLE:** 7303-0203

**CODES for files:** 0303-1103

-1 — Missing

01 — White Only

02 — Black Only

03 — American Indian, Alaskan Native Only

04 — Asian Only

05 — Hawaiian/Pacific Islander Only

06 — White and Black

07 — White and American Indian

08 — White and Asian

09 — White and Hawaiian

10 — Black and American Indian

11 — Black and Asian

12 — Black and Hawaiian, Other Pacific Islander

13 — Asian and American Indian

14 — American Indian and Hawaiian, Other Pacific Islander

15 — Asian and Hawaiian, Other Pacific Islander

16 — White, Black, and American Indian

17 — White, Black, and Asian

18 — White, Black, and Hawaiian, Other Pacific Islander

19 — White, Asian, and American Indian

20 — White, American Indian, and Hawaiian, Other Pacific Islander

21 — White, Asian, and Hawaiian, Other Pacific Islander

22 — Black, Asian and American Indian

23 — Black, American Indian, and Hawaiian, Other Pacific Islander

24 — Black, Asian, and Hawaiian, Other Pacific Islander

25 — Asian, American Indian, and Hawaiian, Other Pacific Islander

26 — White, Black, Asian, and American Indian

27 — White, Asian, American Indian, and Hawaiian, Other Pacific Islander

28 — White, Black, Asian, and Hawaiian, Other Pacific Islander

29 — White, Black, American Indian, and Hawaiian, Other Pacific Islander

30 — Black, Asian, American Indian, and Hawaiian, Other Pacific Islander

31 — White, Black, Asian, American Indian, and Hawaiian, Other Pacific Islander

**FREQUENCIES:**

RACEPRDT\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

-1 20,616 21,105 21,827 5,082 5,009 4,456 4,342 4,387 4,734

01 106,151 103,339 110,970 102,216 100,957 98,298 99,828 97,810 96,911

02 16,273 15,242 16,064 15,175 15,795 15,486 15,604 16,589 15,580

03 2,017 1,916 2,129 1,817 1,890 1,723 1,991 1,806 1,628

04 5,393 5,773 5,735 5,763 6,182 6,219 6,603 6,776 7,156

05 598 456 486 562 586 586 724 597 625

06 632 628 709 701 666 662 819 905 884

07 1,561 1,578 1,810 1,619 1,327 1,210 1,339 1,199 1,151

08 414 463 536 569 572 563 563 545 585

09 170 176 214 204 152 161 143 139 144

10 159 110 197 163 127 148 113 122 124

11 54 33 39 22 29 41 53 49 47

12 15 6 21 19 12 7 13 6 21

13 13 15 9 6 12 10 3 15 8

14 2 6 21 16 2 1 5 10 10

15 85 135 127 151 136 148 116 146 123

16 84 59 94 113 84 118 107 102 76

17 25 7 14 6 5 3 8 4 5

18 5 6 3 7 4 2 13 5 4

19 2 25 18 19 26 11 32 21 16

20 14 10 6 12 9 9 11 24 8

21 98 176 198 196 137 160 168 187 184

22 3 9 2 2 6 3 . 2 4

23 1 . . 1 1 1 . . .

24 2 1 . . 2 1 1 3 2

25 2 2 1 1 2 1 . . .

26 1 1 5 3 4 4 9 3 5

27 10 20 13 12 4 8 14 14 11

28 . 7 8 1 . 5 4 2 1

29 2 . . 4 . 2 2 . 8

30 . 1 . . . . . . .

31 3 4 1 1 4 8 1 . 6

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**54. Asian or Pacific Islanders, 10 Categories** **CATIAPI** [Return to Index](#INDEX3_1)

**EDITS:** None

**DESCRIPTION:** Detailed breakdown of ethnic origin for persons from selected locations on the Asian perimeter or the Pacific Ocean basin. This detailed information is available only since 1992. Variable CATIAPI generally agrees with NLMS expanded race variable, RACEX, level 4, described as Asian or Pacific Islanders. On the 9203 and 9303 master files, this variable was identified as API (Asian or Pacific Islander). During the first two years that it was collected, responses for this variable were obtained by both personal visit interviews and the use of CATI (Computer Assisted Telephone Interview). On the 9413 master file, and all later files, the variable was called CATIAPI since all information was collected using CATI interviews.

**NOT AVAILABLE:** 7303–9103, 0303-1103

**CODES for files**: 9203–0203

00 — Not in universe (includes all groups not identified below)

01 — Chinese

02 — Filipino

03 — Japanese

04 — Asian Indian

05 — Korean

06 — Vietnamese

07 — Laotian, Cambodian, Hmong

08 — Other Asian (e.g. Thai, Pakistani, Srilankan, Burmese)

09 — Hawaiian

10 — Other Pacific Islander (e.g. Samoan, Guamanian, Tongan)

**FREQUENCIES:**

CATIAPI\counts: 9203 9303 9413 9503 9603 9703 9803 9903 0003 0103

00 42,503 61,415 99,987 73,071 63,572 64,315 64,068 67,133 67,345 76,332

01 187 317 630 430 375 490 376 370 370 413

02 217 299 643 532 358 372 426 457 394 555

03 209 254 392 331 235 252 274 288 207 331

04 85 117 252 138 142 158 186 129 211 235

05 84 102 392 249 181 217 170 153 163 223

06 60 96 232 216 166 172 241 169 199 252

07 28 69 131 97 115 86 102 90 62 114

08 78 92 285 181 120 122 104 172 142 162

09 62 103 183 123 174 106 97 127 123 134

10 37 35 159 117 117 104 129 87 106 186

Total 43,550 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937

CATIAPI\counts: 0203

00 77,245

01 352

02 485

03 280

04 226

05 159

06 190

07 151

08 181

09 138

10 115

Total 79,522

**55. Hispanic Origin** **HISP** [Analysis File](#HISP_52) [Return to Index](#INDEX3_1)

**EDITS:** Simple, Recode

**DESCRIPTION:** Hispanic origin classifies all persons by Hispanic origin or other. The March 1973 (7303) and the E-sample (8024) files have been recoded to conform to the coding of the remaining files. Thus, the code for a Mexican person was defined as 3 for these two files. For 8024, Central and South Americans were coded as a 7, other Spanish. For files after 8509 up to 0203, the definition of HISP is derived from the CPS variable ORIGIN with all valid entries of ORIGIN not of interest for HISP being recoded to, “All Other.”

For files after 2002, HISP is taken from the CPS variables PRDTHSP and PEHSPNON as follows:

If PEHSPNON = -1, HISP = Missing

If PEHSPNON = 2, HISP = 8

If PEHSPNON = 1, HISP = PRDTHSP

**AVAILABLE FILES:** All files

**CODES for files**: 7303-0203

0 — Unknown

1 — Mexican American

2 — Chicano

3 — Mexican (Mexicano)

4 — Puerto Rican

5 — Cuban

6 — Central and South American

7 — Other Spanish

8 — All other

9 — Don't know or not available

**FREQUENCIES:**

HISP\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

0 1,032 2,794 519 6,634 5,013 6,001 4,490 702 802 787

1 . 1,588 2,431 3,625 . 3,564 3,737 1,219 2,955 3,001

2 . 71 150 259 . 220 242 86 139 72

3 4,004 902 1,783 1,842 4,196 1,920 2,118 734 1,752 1,750

4 870 626 989 1,157 930 1,244 974 374 1,151 1,086

5 482 309 427 470 463 543 260 174 442 479

6 367 312 476 660 . 795 747 280 765 708

7 882 518 939 1,303 1,924 1,397 1,411 463 791 821

8 109,176 85,370 34,484 166,170 111,819 164,190 161,520 56,646 71,099 71,114

9 14,400 2,172 900 2,751 . 2,499 2,266 1,126 1,584 1,463

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

HISP\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

0 775 655 775 . . 776 802 753 826 791

1 2,898 2,664 2,944 1,176 1,266 1,179 1,115 1,250 1,735 1,325

2 156 125 112 56 40 46 36 55 42 51

3 1,921 1,865 1,492 503 466 599 634 820 1,077 918

4 1,179 1,075 1,163 419 362 380 334 409 551 396

5 449 516 423 263 252 238 242 248 334 300

6 814 836 941 278 287 253 288 414 588 505

7 835 893 925 443 419 361 382 435 523 458

8 70,418 69,983 134,178 42,165 41,483 41,193 37,665 39,445 42,810 38,349

9 1,287 1,459 1,745 719 696 454 427 456 551 457

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

HISP\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

0 951 1,291 1,107 1,072 1,141 1,146 1,128 1,341 1,531 1,879

1 1,990 5,162 3,047 2,647 2,885 2,755 4,263 4,514 4,724 4,721

2 79 185 122 105 186 162 255 290 255 216

3 1,294 4,574 2,963 2,904 3,294 3,115 4,977 5,629 6,004 6,432

4 609 2,142 1,316 1,200 1,032 1,194 1,483 1,578 1,667 1,702

5 351 693 465 395 423 427 693 662 639 707

6 720 2,548 1,565 1,437 1,550 1,551 2,230 2,473 2,569 2,554

7 591 1,510 975 807 1,030 752 1,311 1,329 1,523 1,478

8 55,565 84,024 63,665 54,631 54,335 54,501 52,507 51,039 59,235 58,991

9 749 1,157 260 357 518 570 328 467 790 842

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

**CODES for files**: 0303-1103

blank — Unknown, missing

1 — Mexican

2 — Puerto Rican

3 — Cuban

4 — Central or South American

5 — Other Spanish

8 — All other

**FREQUENCIES:**

HISP\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 20,616 21,105 21,827 5,082 5,009 4,456 4,342 4,387 4,734

1 12,469 12,147 14,437 13,465 13,381 13,421 13,780 13,867 14,011

2 2,144 2,060 1,935 1,946 1,907 2,022 2,089 2,046 2,119

3 703 663 749 695 653 647 625 751 634

4 3,152 3,296 3,809 3,870 3,875 3,633 3,766 3,910 3,900

5 1,165 1,345 1,464 1,355 1,288 1,194 1,133 1,201 1,217

8 114,156 110,693 117,036 108,050 107,629 104,682 106,894 105,306 103,446

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**56. Ethnic Origin** **ORIGIN** [Analysis File](#ORIGIN_53) [Return to Index](#INDEX3_1)

**EDITS:** Recode

**DESCRIPTION:** Ethnic origin taken from CPS Control Card.

Because of the change in definition and category defined for race, ORIGIN was not created for the 2000 CPS redesign which was in place for the 2003 (0303) years and later.

**NOT AVAILABLE**: 8014–8012, 0303-1103

**CODES for file**: 7303\*

**\***Ethnic origin for this file was recoded from original CPS file to conform as much as possible to the indicated codes.

Original Code

00 — N/A 16

01 — German 01

02 — Italian 02

03 — Irish 03

04 — French 04

05 — Polish 05

06 — Russian 06

07 — English, Scot, Welsh 07

13 — Mexicano, Chicano 08

14 — Puerto Rican 09

15 — Cuban 10

16 — Central or South American 11

17 — Other Spanish 12

20 — Negro 13

30 — Other 14

39 — Don't know 15

**CODES for files**: 7802, 7903, 8103-8703

00 — NC, NIU

01 — German

02 — Italian

03 — Irish

04 — French

05 — Polish

06 — Russian

07 — English

08 — Scottish

09 — Welsh

10 — Mexican-American

11 — Chicano

12 — Mexican

13 — Mexicano

14 — Puerto Rican

15 — Cuban

16 — Central or South American

17 — Other Spanish

20 — Negro

21 — Black

30 — Another group not listed

39 — Don't Know

40 — Unknown

**FREQUENCIES:**

ORIGIN\counts: 7303 7802 7903 8103 8203 8303 8403 8503 8509 8603

00 7,081 364 10,382 197 1 . . . 267 .

01 13,166 7,673 2,364 4,929 6,019 5,659 5,785 6,102 11,188 4,206

02 4,452 3,460 1,049 1,658 2,022 2,109 1,933 2,405 4,430 1,467

03 7,765 4,359 1,371 2,609 3,075 2,995 3,073 2,988 5,864 2,226

04 2,521 1,543 502 1,067 1,217 1,328 1,139 1,187 2,290 855

05 2,334 1,889 418 820 1,054 1,033 1,070 1,122 2,218 843

06 1,094 741 235 355 419 422 413 429 829 313

07 16,674 4,774 1,474 3,364 4,039 3,849 3,756 3,927 7,394 2,571

08 . 762 260 532 554 532 548 601 1,148 438

09 . 226 78 128 173 150 129 161 295 112

10 . 1,636 1,689 1,319 3,122 3,300 3,213 2,884 2,949 1,176

11 . 73 95 94 142 88 169 121 112 56

12 . 797 1,041 648 1,651 1,538 1,668 1,652 1,493 501

13 4,004 160 87 7 5 2 2 3 . 2

14 870 652 629 351 1,109 1,069 1,161 1,095 1,170 419

15 482 318 346 170 422 467 438 485 424 263

16 367 323 344 275 778 687 789 804 940 278

17 882 560 726 465 845 823 833 889 929 443

18 . . . 1 . . . . . .

19 . . . 1 . . . . . .

20 12,897 3,274 1,760 5,818 7,677 7,226 7,549 7,500 14,258 3,515

21 . 6,108 810 13 . . . . . .

22 . . 3 5 . . . . . .

23 . 1 . . . . . . . .

24 . . 1 . . . . . . .

26 . . 1 1 . . . . . .

27 . . . 2 . . . . . .

30 48,273 52,744 16,869 35,976 45,584 46,539 45,758 44,230 84,524 25,619

31 . . 2 3 . . . . . .

32 . . 1 . . . . . . .

33 . . 1 2 . . . . . .

34 . . 2 1 . . . . . .

37 . . . 1 . . . . . .

39 8,351 2,225 558 992 1,333 1,235 1,061 1,218 1,976 632

40 . . . . 239 230 245 268 . 87

Total 131,213 94,662 43,098 61,804 81,480 81,281 80,732 80,071 144,698 46,022

ORIGIN\counts: 8703

00 .

01 4,144

02 1,464

03 2,242

04 897

05 735

06 261

07 2,597

08 400

09 122

10 1,266

11 40

12 466

13 .

14 362

15 252

16 287

17 419

18 .

19 .

20 3,449

21 .

22 .

23 .

24 .

26 .

27 .

30 25,172

31 .

32 .

33 .

34 .

37 .

39 630

40 66

Total 45,271

**CODES for files**: 8803–0203

01 — German

02 — Italian

03 — Irish

04 — French

05 — Polish

06 — Russian

07 — English

08 — Scottish

10 — Mexican American

11 — Chicano

12 — Mexican

14 — Puerto Rico

15 — Cuban

16 — Central or South American

17 — Other Hispanic

20 — Afro-American (Black Negro)

26 — Dutch

27 — Swedish

28 — Hungarian

30 — Other group

38 — Assigned NA

39 — Don’t know

**FREQUENCIES:**

ORIGIN\counts: 8803 8903 9003 9103 9203 9303 9413 9503 9603 9703

01 3,879 3,752 3,711 4,053 3,697 4,994 7,450 6,384 6,311 6,706

02 1,387 1,243 1,295 1,556 1,319 1,830 2,901 2,207 2,130 2,022

03 2,225 1,912 2,019 2,177 2,124 2,633 4,391 3,950 3,575 3,707

04 821 858 722 782 757 862 1,562 1,271 1,219 1,182

05 749 696 700 757 771 937 1,278 1,205 1,027 977

06 319 234 271 347 241 309 717 508 415 487

07 2,563 2,349 2,233 2,505 2,250 2,929 4,060 3,733 3,590 3,827

08 403 435 437 447 463 503 912 766 816 988

10 1,179 1,115 1,250 1,735 1,325 1,990 5,162 3,047 2,647 2,885

11 46 36 55 42 51 79 185 122 105 186

12 599 634 820 1,077 918 1,294 4,574 2,963 2,904 3,294

14 380 334 409 551 396 609 2,142 1,316 1,200 1,032

15 238 242 248 334 300 351 693 465 395 423

16 253 288 414 588 505 720 2,548 1,565 1,437 1,550

17 361 382 435 523 458 591 1,510 975 807 1,030

20 3,268 3,101 3,209 3,542 3,090 5,498 9,479 6,801 6,056 5,651

26 303 307 283 292 333 347 503 400 457 428

27 340 372 341 376 348 427 585 509 471 504

28 111 116 117 134 95 146 203 198 144 209

30 25,579 23,085 24,848 26,644 23,637 35,070 51,274 36,840 29,492 28,788

38 22 7 12 24 15 31 . . . .

39 454 427 456 551 457 749 1,157 260 357 518

Total 45,479 41,925 44,285 49,037 43,550 62,899 103,286 75,485 65,555 66,394

ORIGIN\counts: 9803 9903 0003 0103 0203

01 6,774 6,824 7,332 9,120 9,695

02 2,144 2,078 2,167 2,480 2,686

03 4,001 4,125 4,352 5,243 5,651

04 1,337 1,364 1,401 1,815 1,951

05 1,049 1,041 1,276 1,288 1,528

06 409 427 481 583 629

07 3,827 4,198 4,206 5,292 5,446

08 832 1,043 1,126 1,414 1,387

10 2,755 4,263 4,514 4,724 4,721

11 162 255 290 255 216

12 3,115 4,977 5,629 6,004 6,432

14 1,194 1,483 1,578 1,667 1,702

15 427 693 662 639 707

16 1,551 2,230 2,473 2,569 2,554

17 752 1,311 1,329 1,523 1,478

20 6,013 5,344 5,657 5,817 5,837

26 453 434 527 566 808

27 563 558 646 788 841

28 130 136 168 177 230

30 28,115 26,063 23,041 26,183 24,181

38 . . . . .

39 570 328 467 790 842

Total 66,173 69,175 69,322 78,937 79,522

**MARITAL STATUS/HOUSEHOLD RELATIONSHIP VARIABLES**

**57. Marital Status** **MS** [Analysis File](#MS_54) [Return to Index](#INDEX3_2)

**EDITS:** Recode

**DESCRIPTION:** Marital status

**AVAILABLE FILES:** All files

**CODES for files:** 7303

0 — Unknown, age < 13 years

1 — Single (never married)

2 — Married, spouse present

3 — Married, spouse absent: separated

4 — Married, spouse absent: husband in armed forces

5 — Married, spouse absent: other

6 — Widowed

7 — Divorced

**FREQUENCIES:**

MS\counts: 7303

0 33,906

1 24,191

2 59,786

3 1,931

4 110

5 706

6 7,349

7 3,234

Total 131,213

**CODES for files:** 7802

0 — Unknown

1 — Married, civilian spouse present

2 — Married armed forces spouse present

3 — Married spouse absent including separated

4 — Widowed or divorced

5 — Never married

**FREQUENCIES:**

MS\counts: 7802

0 2,624

1 53,840

2 414

3 2,397

4 11,073

5 24,314

Total 94,662

**CODES for files:** 8014\*, 8008\*, 8012\*, 8509

0 — Unknown

1 — Married, civilian spouse present

2 — Married, armed forces spouse present

3 — Married, spouse absent for other reasons

4 — Widowed

5 — Divorced

6 — Separated

7 — Never married

**NOTE:** For persons 13 years of age and under in these files the entry given for marital status is incorrect, but is correct for persons ages 14+

**FREQUENCIES:**

MS\counts: 8014 8008 8012 8509

0 43,303 42,438 40,359 30,498

1 81,039 80,299 78,811 64,485

2 710 639 629 543

3 667 635 680 601

4 10,282 9,906 9,567 8,150

5 7,978 8,061 8,000 7,418

6 2,891 3,018 2,951 2,448

7 38,001 37,377 36,768 30,555

Total 184,871 182,373 177,765 144,698

**CODES for files:** 7903, 8103–8503

0 — Unknown

1 — Married, civilian spouse present

2 — Married, armed forces spouse present

3 — Married, spouse absent in armed forces

4 — Married, spouse absent for other reasons

5 — Widowed

6 — Divorced

7 — Separated

8 — Never married (includes age <= 13)

**FREQUENCIES:**

MS\counts: 7903 8103 8203 8303 8403 8503

0 13 11 1 . . .

1 18,943 27,434 35,830 35,811 35,486 34,918

2 132 232 307 289 292 261

3 15 28 16 29 24 20

4 189 280 512 467 455 451

5 2,298 3,408 4,399 4,409 4,377 4,599

6 1,616 2,917 3,916 4,022 4,160 4,279

7 770 1,018 1,384 1,346 1,293 1,352

8 19,122 26,476 35,115 34,908 34,645 34,191

Total 43,098 61,804 81,480 81,281 80,732 80,071

**CODES for files:** 8024

0 — Unknown

1 — Married

2 — Widowed

3 — Divorced

4 — Separated

5 — Never married

**FREQUENCIES:**

MS\counts: 8024

0 907

1 72,154

2 9,630

3 7,425

4 2,569

5 31,660

Total 124,345

**CODES for files:** 8603, 8703

1 — Married, civilian spouse present

2 — Married, armed forces spouse present

3 — Married, armed forces spouse absent

4 — Married, spouse absent

5 — Widowed

6 — Divorced

7 — Separated

8 — Never married

**FREQUENCIES:**

MS\counts: 8603 8703

1 26,929 26,639

2 251 219

3 13 12

4 274 304

5 3,252 3,140

6 3,357 3,300

7 947 1,028

8 10,999 10,629

Total 46,022 45,271

**CODES for files:** 8803–1103

1 — Married, civilian spouse present

2 — Married, armed forces spouse present

3 — Married, spouse absent

4 — Widowed

5 — Divorced

6 — Separated

7 — Never married

**FREQUENCIES:**

MS\counts: 8803 8903 9003 9103 9203 9303 9413 9503 9603 9703

blank . . . . . . . . . .

1 26,658 24,695 25,781 28,518 25,168 30,096 40,865 31,840 27,122 27,617

2 270 206 246 231 214 225 400 270 206 213

3 231 207 262 355 295 363 871 578 505 556

4 3,294 3,042 3,055 3,262 3,046 3,660 5,049 3,901 3,456 3,444

5 3,338 3,178 3,488 3,854 3,582 4,245 6,753 4,929 4,504 4,597

6 937 837 939 1,051 933 1,100 1,902 1,321 1,201 1,151

7 10,751 9,760 10,514 11,766 10,312 23,210 47,446 32,646 28,561 28,816

Total 45,479 41,925 44,285 49,037 43,550 62,899 103,286 75,485 65,555 66,394

MS\counts: 9803 9903 0003 0103 0203 0303 0403 0503 0603 0703

blank . . . . . 22,184 22,047 23,959 6,620 6,764

1 27,485 28,908 28,838 32,672 33,010 51,763 50,566 53,881 49,479 49,667

2 193 188 184 237 214 421 440 461 415 357

3 604 627 682 776 784 1,329 1,252 1,465 1,440 1,286

4 3,192 3,276 3,266 3,709 3,629 4,789 4,694 5,084 4,618 4,498

5 4,646 4,791 4,880 5,706 5,764 9,016 8,750 9,415 8,820 8,779

6 1,065 1,135 1,077 1,223 1,229 2,074 1,923 2,112 2,053 2,034

7 28,988 30,250 30,395 34,614 34,892 62,829 61,637 64,880 61,018 60,357

Total 66,173 69,175 69,322 78,937 79,522 154,405 151,309 161,257 134,463 133,742

MS\counts: 0803 0903 1003 1103

blank 5,485 5,525 5,539 6,047

1 47,996 49,272 47,418 47,180

2 408 420 382 382

3 1,275 1,271 1,333 1,353

4 4,606 4,536 4,659 4,494

5 8,886 8,695 9,106 8,853

6 2,028 2,125 2,196 2,061

7 59,371 60,785 60,835 59,691

Total 130,055 132,629 131,468 130,061

**58. Relationship to Reference Person** **RELTRF** [Analysis File](#RELTRF_55) [Return to Index](#INDEX3_2)

**EDITS:** Simple

**DESCRIPTION:** Relationship to reference person.

**NOTE 1:** This variable is not defined for the 8603 and 8703 cohorts, but similar relationships to RELTRF are defined for the RELTHD variable, Item #9. In general, RELTRF variable is defined for the files chronologically up through 0203, whereas RELTHD is not defined for cohorts later than 8703. For certain types of analysis the responses found under the RELTHD variable may adequately serve as responses for the RELTRF variable for the 8603 and 8703 cohorts. For files 8803 and later, the variable RELTRF is a direct recode of the CPS variable a\_exprrp.

**NOTE 2:** For files 8008, 8014, and 8012 the relationship is INCORRECT for persons ages less than or equal to 13 years of age but is CORRECTLY coded for persons 14 and older in these cohorts.

**NOT AVAILABLE:** 7303, 7802, 8024, 8603, 8703

**CODES for files**: 7903, 8014, 8008–8509, 8803-1103

blank — Unknown

0 — Unknown, fail edit record

1 — Reference person with other relative in household

2 — Reference person with no other relatives in household

3 — Husband

4 — Wife

5 — Own child

6 — Parent

7 — Brother/Sister

8 — Other relative of reference person (HHLDR-81), (Head-79)

9 — Non-relative of reference person with own relatives in household

A — Non-relative of reference person, no own relatives in household

**FREQUENCIES:**

RELTRF\counts: 7903 8014 8008 8012 8103 8203 8303 8403 8503 8509

blank . 6,446 5,776 4,253 . 1 . . . .

0 178 128 200 120 67 169 620 164 170 .

1 11,357 83,050 82,480 80,919 16,593 21,841 21,699 21,789 21,667 39,420

2 3,631 17,101 16,799 16,675 6,069 7,718 7,596 7,764 7,938 15,134

3 250 3,320 3,418 3,608 533 711 814 893 1,016 1,861

4 9,099 39,462 38,872 37,899 13,025 17,027 16,871 16,689 16,255 30,102

5 15,844 26,748 26,346 25,673 21,556 28,509 28,155 27,893 27,528 48,906

6 236 862 907 936 301 422 374 354 483 724

7 378 1,318 1,284 1,266 455 598 580 591 627 1,034

8 1,122 2,416 2,397 2,424 1,604 2,382 2,283 2,350 2,109 3,665

9 232 717 767 751 296 470 598 564 536 691

A 771 3,303 3,127 3,241 1,305 1,632 1,691 1,681 1,742 3,161

Total 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732 80,071 144,698

RELTRF\counts: 8803 8903 9003 9103 9203 9303 9413 9503 9603 9703

blank . . . . 7 . . . . .

0 . . . . . . . . . .

1 16,521 15,192 16,090 17,924 16,013 19,018 26,163 20,131 17,513 17,712

2 6,557 6,150 6,499 7,109 6,533 7,528 11,469 8,507 7,453 7,594

3 651 670 788 922 848 1,195 2,776 2,601 2,504 2,897

4 12,624 11,644 12,003 13,017 11,500 13,636 17,498 13,091 10,869 10,739

5 6,564 5,871 6,224 6,913 5,839 17,396 34,597 24,344 21,227 21,303

6 235 196 207 266 234 356 706 602 592 613

7 317 270 325 398 327 373 975 646 570 571

8 661 593 636 740 648 1,410 4,177 2,512 2,167 2,230

9 123 131 137 187 146 309 1,067 666 557 534

A 1,226 1,208 1,376 1,561 1,455 1,678 3,858 2,385 2,103 2,201

Total 45,479 41,925 44,285 49,037 43,550 62,899 103,286 75,485 65,555 66,394

RELTRF\counts: 9803 9903 0003 0103 0203 0303 0403 0503 0603 0703

blank . . . . . 22,184 22,047 23,959 6,620 6,764

0 . . . . . . . . . .

1 17,650 18,700 18,482 21,110 21,322 34,507 33,693 35,892 33,280 33,196

2 7,639 7,604 7,587 9,171 9,294 12,523 12,218 13,186 12,441 12,483

3 3,189 3,601 4,107 4,970 5,295 8,699 8,897 9,772 9,175 9,282

4 10,384 10,569 10,006 11,054 10,906 16,788 15,958 16,751 15,146 14,965

5 21,225 22,410 22,176 24,913 25,044 46,385 45,305 47,613 44,118 43,653

6 577 649 749 914 902 1,470 1,508 1,531 1,538 1,620

7 591 674 758 841 873 1,346 1,350 1,352 1,430 1,389

8 2,138 2,239 2,531 2,682 2,641 4,570 4,578 5,087 4,657 4,607

9 533 500 529 537 475 1,079 947 1,055 964 1,052

A 2,247 2,229 2,397 2,745 2,770 4,854 4,808 5,059 5,094 4,731

Total 66,173 69,175 69,322 78,937 79,522 154,405 151,309 161,257 134,463 133,742

RELTRF\counts: 0803 0903 1003 1103

blank 5,485 5,525 5,539 6,047

0 . . . .

1 32,242 33,034 32,265 31,852

2 12,924 12,591 12,888 12,840

3 9,024 9,660 8,963 9,053

4 14,417 14,416 14,032 13,796

5 42,492 43,266 42,531 41,737

6 1,605 1,709 1,878 1,864

7 1,256 1,440 1,495 1,509

8 4,652 4,968 5,141 4,995

9 1,095 846 940 1,065

A 4,863 5,174 5,796 5,303

Total 130,055 132,629 131,468 130,061

**59. Relationship to Household Head** **RELTHD** [Analysis File](#RELTHD_56) [Return to Index](#INDEX3_2)

**EDITS:** Simple

**DESCRIPTION:** Relationship to head of household.

**Not available**: 8803–1103

**CODES for file:** 8024

blank — Unknown

1 — Reference person

2 — Husband or wife of reference person

3 — Child of reference person

4 — Brother or sister of reference person

5 — Mother or father of reference person

6 — Other relative of reference person

7 — Nonrelative of reference person

**FREQUENCIES:**

RELTHD\counts: 8024

blank 2,560

1 60,266

2 35,167

3 19,444

4 1,085

5 806

6 2,007

7 3,010

Total 124,345

**CODES for files**: 7303, 8014, 8008, 8012, 8509

blank — Unknown (age less than or equal to 13 for file 7303)

1 — Head with other relatives (incl. wife) in household

2 — Head with no other relatives in household

3 — Wife of head

4 — Other relative of head

5 — Nonrelative of head with own relative (incl. wife) in household

6 — Nonrelative of head with no own relatives in household.

**NOTE:** for file 7303, data only for civilians, ages 14+.

**FREQUENCIES:**

RELTHD\counts: 7303 8014 8008 8012 8509

blank 34,523 6,446 5,776 4,253 596

1 34,135 48,567 48,357 47,190 39,024

2 8,796 17,077 16,786 16,664 15,149

3 29,225 40,350 39,915 39,021 31,855

4 23,084 67,875 67,126 66,095 54,160

5 127 1,145 1,164 1,173 1,162

6 1,323 3,411 3,249 3,369 2,752

Total 131,213 184,871 182,373 177,765 144,698

**CODES for files**: 7802

blank — Unknown or no CPS portion of record

1 — Male head with relatives in household

2 — Male head without relatives in household

3 — Male relative of head

4 — Male, nonrelative of head

5 — Female head with relatives in household

6 — Female head without relatives in household

7 — Wife of head of household

8 — Female relative of head of household

9 — Female nonrelative of head of household

**FREQUENCIES:**

RELTHD\counts: 7802

blank 2,624

1 27,523

2 4,064

3 10,717

4 933

5 4,464

6 6,090

7 26,656

8 10,563

9 1,028

Total 94,662

**CODES for files**: 7903 and March cohorts 8103–8703**1**

blank — unknown

0 — Unknown

1 — Head (HHLDR—81) with other relatives

2 — Primary individual**2**

3 — Wife (Spouse-81) of head (HHLDR-81)

4 — Child of head (HHLDR-81)

5 — Other relative of head (HHLDR-81)

6 — Nonrelative of head (HHLDR-81) with own relatives in household

7 — Nonrelative of head (HHLDR-81) with no own relatives in household

**FREQUENCIES:**

RELTHD\counts: 7903 8103 8203 8303 8403 8503 8603 8703

blank . . 1 . . . . .

0 178 67 169 620 164 170 . .

1 11,360 16,593 21,841 21,699 21,789 21,667 16,606 16,429

2 3,631 6,069 7,718 7,596 7,764 7,938 6,412 6,248

3 9,339 13,558 17,738 17,685 17,582 17,271 13,425 13,264

4 15,845 21,556 28,509 28,155 27,893 27,528 6,900 6,787

5 1,742 2,360 3,402 3,237 3,295 3,219 1,336 1,181

6 232 296 470 598 564 536 159 174

7 771 1,305 1,632 1,691 1,681 1,742 1,184 1,188

Total 43,098 61,804 81,480 81,281 80,732 80,071 46,022 45,271

**1**The restriction that the head of household was to be the husband in a family was removed between 1979 and 1981. Thus, for the 1981 file and later, the head of household can be either male or female. The coding for the 1981 file for RELTHD, and all subsequent March files, remains the same except that a code of 3 means spouse of head rather than wife of head.

**2**Although everyone is, or has been part of a family, many people don't live as part of a family setting. In a single person household the individual is always coded as a primary individual (code = 2). A Primary individual for example is a person who lives alone or with non-relatives. For 1980 and beyond this person is referred to as a non-family householder.

**EDUCATION VARIABLES**

**60. Education** **EDUC** [Analysis File](#EDUC_57) [Return to Index](#INDEX3_3)

[Return to Analysis File Introduction](#_ANALYSIS_FILE)

**EDITS:** Recode

**DESCRIPTION:** There are two different concepts the CPS has used to measure education: the years of school approach and the educational achievement approach. The first approach asked the highest grade level respondents had attended, and had a separate question to verify whether the respondent had actually completed that grade or not; the second concept enquired about educational achievement in terms of *degrees attained* such as a high school diploma, a B.A. or a Ph.D. or for lower education levels, it indicated the education level completed. CPS employed the years of school concept through 1991 (cohort 9103), and switched to the achievement concept starting with 1992 (9203). The NLMS variable, EDUC, contains education measured by both concepts combined into one variable. For the earlier cohorts, grade completed, is constructed using the indicator variable that indicates whether the grade was completed or not We have made this comparison and used the resulting education grade-level completed value as the response to the EDUC variable. The analysis file version of EDUC (see link above) combines these two somewhat disparate concepts of education into a single set of codes for all cohorts and, for the categories identified, represents grade completed.

In short, the extract variable EDUC is the original education measure provided for each cohort. If indicated the resulting value of EDUC represents the grade completed. For later files the value of EDUC was originally collected as grade completed.

**NOT AVAILABLE:** 8024

**CODES for files**: 7303–8014, 8008–8503, 8603, 8703

**NOTE:** In this coding El means elementary—first grade is highest grade attended, etc., H1 means high school first level is highest grade attended, 9th grade or freshman, etc., and Cl means college first level or freshman is highest grade attended, etc.

00 — Missing, invalid

01 — None

02 — E1 11 — H2

03 — E2 12 — H3

04 — E3 13 — H4

05 — E4 14 — C1

06 — E5 15 — C2

07 — E6 16 — C3

08 — E7 17 — C4

09 — E8 18 — C5

10 — H1 19 — C6+

**FREQUENCIES:**

EDUC\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

00 33,905 688 10,440 41,534 41,188 40,403 13,849 19,376 19,022 19,080

01 655 333 321 829 834 768 266 371 380 360

02 195 188 71 212 195 183 65 118 96 87

03 301 282 122 362 340 335 116 183 194 146

04 796 558 283 753 749 787 256 388 395 339

05 1,018 747 308 995 965 902 302 498 436 414

06 1,183 889 378 1,175 1,124 1,040 378 511 518 486

07 1,913 1,597 729 2,153 2,185 1,963 676 1,082 1,040 959

08 2,201 1,644 605 2,326 2,394 2,170 777 945 889 854

09 9,642 7,248 2,488 11,067 11,184 9,236 3,324 3,832 3,547 3,441

10 6,651 5,820 2,021 8,168 7,906 7,499 2,592 2,755 2,653 2,662

11 8,211 7,363 2,470 10,236 10,084 9,745 3,188 4,249 3,977 3,848

12 6,543 6,095 2,071 9,014 8,932 8,601 2,899 3,830 3,787 3,564

13 33,282 32,776 11,023 50,414 49,828 48,812 17,457 22,519 22,551 22,703

14 5,343 5,721 2,046 9,341 8,844 9,158 3,228 4,047 4,173 4,127

15 5,833 6,795 2,370 10,804 10,729 10,773 3,691 4,983 5,271 5,262

16 2,500 2,802 980 4,397 4,319 4,532 1,497 2,020 2,063 2,006

17 6,645 7,593 2,540 12,199 11,958 11,940 4,275 5,579 6,014 5,983

18 1,620 1,955 610 2,979 2,879 2,976 883 1,335 1,371 1,345

19 2,776 3,568 1,222 5,913 5,736 5,942 2,085 2,859 2,904 3,066

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

EDUC\counts: 8503 8603 8703

00 18,369 744 531

01 363 154 160

02 88 46 42

03 151 96 73

04 323 179 166

05 421 232 213

06 465 281 280

07 940 583 543

08 777 554 542

09 3,311 2,281 2,220

10 2,615 1,621 1,597

11 3,915 2,664 2,480

12 3,493 2,423 2,359

13 22,463 17,034 16,618

14 4,304 3,245 3,105

15 5,382 4,130 4,296

16 2,045 1,568 1,590

17 6,268 4,746 4,904

18 1,358 1,000 1,019

19 3,020 2,441 2,533

Total 80,071 46,022 45,271

**CODES for files:** 8509, 8803–9103

00 — None

01 — E1 10 — H2

02 — E2 11 — H3

03 — E3 12 — H4

04 — E4 13 — C1

05 — E5 14 — C2

06 — E6 15 — C3

07 — E7 16 — C4

08 — E8 17 — C5

09 — H1 18 — C6+

**FREQUENCIES:**

EDUC\counts: 8509 8803 8903 9003 9103

00 30,990 630 638 596 536

01 112 41 40 38 28

02 203 105 98 91 107

03 493 173 209 167 210

04 585 198 208 216 244

05 700 257 236 235 243

06 1,443 525 507 545 599

07 1,591 504 441 444 476

08 6,821 2,086 1,870 1,820 1,796

09 5,655 1,655 1,481 1,526 1,505

10 6,973 2,512 2,311 2,396 2,532

11 6,325 2,401 2,100 2,231 2,336

12 41,453 16,950 15,213 16,210 18,261

13 7,619 3,171 3,071 3,234 3,602

14 9,953 4,042 3,830 4,304 4,928

15 3,880 1,608 1,534 1,599 1,842

16 11,734 4,883 4,748 4,974 5,782

17 2,529 987 936 1,014 1,052

18 5,639 2,751 2,454 2,645 2,958

Total 144,698 45,479 41,925 44,285 49,037

**CODES for files:** 9203–1103

00 — Children

31 — less than 1st grade

32 — 1st, 2nd, 3rd, or 4th grade

33 — 5th or 6th grade

34 — 7th and 8th grade

35 — 9th grade

36 — 10th grade

37 — 11th grade

38 — 12th grade no diploma

39 — HS graduate, high school diploma, or equivalent

40 — Some college but no degree

41 — Associate degree in occupational/voc program

42 — Associate degree in college: academic program

43 — Bachelor’s degree (e.g. BA, AB, BS)

44 — Master’s degree (e.g. MA, MS, MENG, MED, MSW, MBA)

45 — Professional school degree (MD, DDS, LLB, DVM etc.)

46 — Doctorate (e.g. PhD, EdD)

**FREQUENCIES:**

EDUC\counts: 9203 9303 9413 9503 9603 9703 9803 9903 0003 0103

blank . . . . . . . . . .

00 363 10,911 26,254 17,703 15,470 15,300 15,549 16,339 16,205 18,262

31 190 254 471 309 271 266 210 296 252 288

32 531 581 1,010 685 599 590 536 684 741 792

33 754 1,025 1,892 1,253 1,118 1,120 1,099 1,368 1,448 1,472

34 2,436 2,868 4,019 3,052 2,629 2,489 2,319 2,433 2,437 2,715

35 1,607 1,979 3,164 2,505 2,121 2,177 2,033 2,171 2,295 2,578

36 2,103 2,566 3,884 2,830 2,476 2,493 2,364 2,582 2,531 2,800

37 1,949 2,261 3,556 2,598 2,361 2,434 2,329 2,507 2,515 2,791

38 749 828 1,312 741 725 773 783 883 808 1,004

39 14,455 17,355 24,536 18,490 15,940 16,089 15,972 16,272 16,338 18,529

40 7,783 9,313 14,123 10,275 8,863 9,112 9,144 9,366 9,585 10,680

41 1,446 1,880 2,605 1,992 1,719 1,692 1,765 1,855 1,898 2,372

42 1,044 1,288 2,152 1,624 1,442 1,531 1,601 1,546 1,720 1,948

43 5,461 6,574 9,771 7,679 6,711 7,020 7,206 7,364 7,083 8,643

44 1,900 2,239 3,080 2,554 2,158 2,220 2,196 2,381 2,399 2,845

45 490 574 854 704 574 621 617 618 596 671

46 289 403 603 491 378 467 450 510 471 547

Total 43,550 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937

EDUC\counts: 0203 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank . 22,184 22,047 23,959 6,620 6,764 5,485 5,525 5,539 6,047

00 18,333 35,006 34,014 35,738 32,863 32,395 31,195 31,964 31,334 30,453

31 285 370 391 439 413 385 360 381 351 381

32 800 872 832 982 884 832 766 779 724 730

33 1,522 1,745 1,662 1,774 1,669 1,539 1,514 1,472 1,439 1,549

34 2,584 3,613 3,504 3,889 3,372 3,200 2,912 2,949 2,866 2,753

35 2,594 4,083 4,005 4,501 3,955 3,877 3,636 3,674 3,518 3,365

36 2,788 4,622 4,564 4,746 4,391 4,327 4,190 4,193 3,898 3,772

37 2,784 4,720 4,596 4,789 4,362 4,533 4,367 4,407 4,454 4,191

38 1,115 1,455 1,404 1,608 1,662 1,666 1,447 1,476 1,590 1,524

39 18,705 28,790 27,820 29,973 27,570 27,310 26,703 27,131 27,019 26,315

40 10,648 17,687 17,012 17,830 16,781 16,583 16,847 17,089 16,891 16,840

41 2,407 3,871 4,043 4,411 3,998 3,986 3,729 3,663 3,816 3,647

42 1,971 3,287 3,341 3,619 3,521 3,492 3,763 4,145 4,087 4,354

43 8,696 14,929 14,801 15,485 14,995 15,208 15,334 15,549 15,878 15,792

44 3,023 5,036 5,113 5,305 5,218 5,426 5,669 5,912 5,852 5,987

45 716 1,170 1,203 1,214 1,196 1,200 1,191 1,290 1,111 1,177

46 551 965 957 995 993 1,019 947 1,030 1,101 1,184

Total 79,522 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**WORK FORCE VARIABLES**

**61. Employment Status** **ESR** [Analysis File](#ESR_60) [Return to Index](#INDEX3_4)

**EDITS:** Simple, Recode

**DESCRIPTION:** The variable ESR was collected according to three different definitions depending on the date of interview for the cohort. The first definition applies to cohorts 7303 through 8703, the original 13 NLMS cohorts, plus the first two cohorts, chronologically, of the expanded NLMS. For these cohorts, ESR was defined exactly as answered on the survey and the responses were entered directly into the CPS record.

The second definition used was collected beginning in March of 1988. For these cohorts, the variable ESR was dropped from collection on the CPS and replaced by two other variables: LFSR, labor force status recode, and MAJACT, “what was your major activity last week?” By combining responses of these two variables in the appropriate way, a set of categories were developed for the NLMS which are equivalent to the ESR definition used for the earlier CPS cohorts. This ESR definition remained valid as an approach to reconstructing the variable ESR until March of 1994. The values of ESR defined for these two sets of NLMS cohorts are defined below.

For cohorts 9413 chronologically through 1103, the third definition of ESR used for the NLMS is taken directly from the CPS variable constructed for this type of information called, PEMLR, monthly labor force recode. Variables considered for the definition of ESR for files before 1994 are not valid after 1993 even though the variables may exist on NLMS master files.

**NOT AVAILABLE:** 8024

**CODES for files:** 7303–8014, 8008–9303

0 — Not in the universe (e.g. age LE 13 years, no match to CPS)

1 — In the labor force, employed

2 — In the labor force, employed, not working

3 — In the labor force, unemployed but looking for work

4 — Not in the labor force, housekeeping

5 — Not in the labor force, at school

6 — Not in the labor force, unable to work

7 — Not in the labor force, other, retired

**FREQUENCIES:**

ESR\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

0 33,734 760 10,439 41,534 41,188 40,403 13,897 18,406 18,061 18,081

1 51,211 49,604 17,759 77,725 72,960 75,814 26,419 33,431 33,376 34,140

2 2,100 2,458 700 4,145 9,050 2,584 1,089 1,470 1,439 1,471

3 3,017 3,892 1,379 6,020 6,774 5,843 2,255 3,747 4,252 3,183

4 22,181 19,157 6,278 26,540 26,874 25,533 8,402 11,282 10,907 10,597

5 10,240 9,176 3,033 12,307 1,328 12,246 4,177 5,750 5,754 5,466

6 1,782 1,489 590 2,368 1,951 1,892 681 841 823 931

7 6,948 8,126 2,920 14,232 22,248 13,450 4,884 6,553 6,669 6,863

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

ESR\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

0 17,324 31,073 238 11 441 483 408 583 386 11,041

1 34,532 63,854 26,028 26,127 26,522 24,677 26,123 29,020 25,198 29,901

2 1,440 2,947 1,107 1,142 1,114 1,100 1,145 1,191 1,111 1,321

3 3,044 4,671 2,132 1,968 1,691 1,441 1,622 2,199 2,202 2,403

4 10,092 18,297 7,487 7,047 6,851 6,139 6,315 6,567 5,711 6,686

5 5,492 9,028 2,793 2,844 2,378 2,093 2,270 2,513 2,231 3,006

6 819 1,404 649 586 669 688 743 797 710 1,036

7 7,328 13,424 5,588 5,546 5,813 5,304 5,659 6,167 6,001 7,505

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

**CODES for files**: 9413–1103

0 — Children under 14 years, armed forces

1 — Employed, at work

2 — Employed, absent from work

3 — Unemployed, on layoff

4 — Unemployed, looking for work

5 — Not in the labor force, retired

6 — Not in the labor force, disabled

7 — Not in the labor force, other

**FREQUENCIES:**

ESR\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

0 26,710 18,011 15,706 15,553 15,775 16,636 16,558 18,621 18,705 56,404

1 44,458 33,931 29,455 30,319 30,578 31,919 32,363 36,982 36,659 59,916

2 1,667 1,421 1,112 1,095 1,132 1,160 1,270 1,391 1,330 2,062

3 529 359 300 342 309 319 237 411 408 682

4 3,154 1,814 1,649 1,550 1,415 1,386 1,372 1,604 2,056 3,635

5 10,652 8,768 7,579 7,901 7,693 7,744 7,541 8,839 8,791 11,116

6 2,753 2,202 1,870 1,974 1,930 2,089 2,024 2,401 2,495 3,940

7 13,363 8,979 7,884 7,660 7,341 7,922 7,957 8,688 9,078 16,650

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

ESR\counts: 0403 0503 0603 0703 0803 0903 1003 1103

0 55,871 58,642 38,832 38,327 36,405 37,160 36,496 36,007

1 58,398 62,512 58,729 58,984 57,338 55,681 54,695 53,870

2 2,070 2,196 2,300 2,234 2,000 1,929 1,883 1,723

3 595 632 490 521 572 844 818 609

4 3,381 3,400 2,878 2,629 3,019 5,095 5,625 5,224

5 10,620 11,997 10,720 10,886 10,672 10,993 10,886 11,190

6 3,938 4,424 4,142 4,154 4,294 4,453 4,460 4,570

7 16,436 17,454 16,372 16,007 15,755 16,474 16,605 16,868

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**62. Industry Using 1990 Codes** **IND1990** [Analysis File](#IND1990_61) [Return to Index](#INDEX3_4)

[Return to IND2007](#IND2007)

**EDITS:** Simple, Invalid Entry

**DESCRIPTION:** Job specific 1990 industrial classification codes.\* Specific codes for industries are given in [Appendix E](#APP_E).

1990 industry codes for NLMS cohorts March 1992 through March 1998 were taken directly from the Census Bureau’s Data Processing Center I&O coding found permanently on the NLMS master files for these cohorts. For cohorts collected prior to 1992, original coding in Jeffersonville was done according to the definitions used at the time. These codes were translated, for NLMS purposes, to a “best” choice 1990 code. Using documented Demographic Surveys Division(DSD) translations of 1970 industrial coding for the 1973 through 1982 NLMS cohorts, the 1970 industrial codes found on cohort master files were first converted to 1980 industrial codes. For 1970 industrial codes which translated into more than one 1980 code according to results on a DSD designed test sample, the 1980 industrial translation assigned, for NLMS purposes, was the most frequently corresponding 1980 code indicated on the DSD test file. A 1990 industrial code was then identified for these 1980 codes using DSD predetermined translations. The industrial classification codes contained on master file records for NLMS cohorts 1983 through 1991 used 1980 codes. These codes were converted to 1990 industrial codes using the same DSD documentation used to translate 1980 codes to 1990 codes for the 1973 through 1982 NLMS cohorts.

**NOTE 1:** Errors will be generated by the strategy used to assign a 1970 industry to a particular 1980 industry for those 1970 industries for which there were multiple choices for a 1980 industry occur. The decision to assign the most frequently occurring translation according to the results of a test file from the 1980 Census was made to minimize the translation errors.

**NOTE 2:** Industrial classifications change over the decades and the 1990 definition list has industries that were not classified in 1970 or in 1980. In particular, armed forces personnel were not classified until after 1991. Military classifications have been converted to missing for NLMS Industry classification purposes.

*Reference: 1990 Census of Population and Housing. Alphabetical Index of Industries and Occupations. 1990 CPH-R-3.*

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

blank — Never worked, unknown, or age LE 13 years

0-1 — This code, literally the 3 characters “0-1”, is equiv to blank or 000

000 — Never worked, unknown, or age LE 13 years

001-932 — Valid industry

991 — Classified active military

**FREQUENCIES:**

IND1990\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 71,613 36,632 21,419 92,648 89,958 89,529 32,178 41,091 40,744 40,477

0-1 . . . . . . . . . .

000 . . . . . . . . . .

001-932 59,600 58,030 21,679 92,223 92,415 88,236 29,626 40,389 40,503 40,221

991 . . . . . . . . 34 34

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

IND1990\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank 39,705 70,568 14,664 13,992 15,044 13,612 14,390 15,462 . .

0-1 . . . . . . . . . .

000 . . . . . . . . 14,042 28,150

001-932 40,347 74,094 31,323 31,227 30,425 28,302 29,885 33,561 29,490 34,730

991 19 36 35 52 10 11 10 14 18 19

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

IND1990\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank . . . . . . . . . .

0-1 . . . . . . . . 38,684 .

000 52,891 37,622 32,700 32,776 32,451 34,050 33,653 38,127 . 88,494

001-932 50,370 37,850 32,843 33,608 33,715 35,119 35,668 40,806 40,830 65,903

991 25 13 12 10 7 6 1 4 8 8

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

IND1990\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank . . . . . . . 69,234

0-1 . . . . . . . .

000 86,935 93,167 70,382 69,812 67,302 69,381 68,886 .

001-932 64,360 68,076 64,068 63,922 62,739 63,232 62,565 60,810

991 14 14 13 8 14 16 17 17

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**63. Major Industry Using 1990 Codes** **MAJIND90** [Analysis File](#MAJIND90_62) [Return to Index](#INDEX3_4)

**EDITS:** Simple, Recode

**DESCRIPTION:** Major industry classification recode for the specific 1990 industry classification. In the code list below, specific industry groupings are shown in parentheses.

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-9803, 0303-1103

blank — Industry missing, not reported, unknown

00 — Missing

01 — Agriculture, forestry, and fisheries (010-032)

02 — Mining (040-050)

03 — Construction (060)

04 — Manufacturing, nondurable goods (100-222)

05 — Manufacturing, durable goods (230-392)

06 — Transportation, communications and

other public utilities (400-472)

07 — Wholesale trade, durable goods (500-532)

08 — Wholesale trade, nondurable goods (540-571)

09 — Retail trade (580-691)

10 — Finance, insurance, and real estate (700-712)

11 — Business and repair services (721-760)

12 — Personal services (761-791)

13 — Entertainment, recreational services (800-810)

14 — Professional and related services (812-893)

15 — Public administration (900-932)

17 — Active duty military (991)

**FREQUENCIES:**

MAJIND90\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 71,613 36,632 21,419 92,648 89,958 89,529 32,178 41,091 40,744 40,477

00 . . . . . . . . . .

01 2,490 1,899 886 4,108 4,700 3,668 1,141 1,643 1,655 1,610

02 441 509 185 1,049 1,151 1,125 356 571 557 460

03 3,691 3,566 1,373 5,898 6,242 5,773 1,932 2,484 2,601 2,633

04 5,992 5,555 1,932 7,812 7,681 7,280 2,468 3,397 3,284 3,244

05 8,371 7,580 2,841 11,356 11,040 10,366 3,690 4,735 4,586 4,370

06 4,185 4,083 1,440 6,430 6,409 6,111 2,018 2,754 2,638 2,718

07 1,122 1,077 364 1,714 1,706 1,456 539 780 894 836

08 1,286 1,216 456 1,781 1,862 1,798 657 869 771 696

09 10,057 9,948 3,732 15,515 15,527 15,140 4,856 6,723 6,849 6,864

10 3,006 3,284 1,092 5,070 5,122 4,926 1,695 2,306 2,271 2,348

11 1,802 1,801 753 3,093 3,046 3,009 1,070 1,591 1,643 1,840

12 3,017 2,505 989 3,919 4,345 3,824 1,287 1,731 1,871 1,715

13 606 676 237 1,072 1,252 1,002 337 447 498 513

14 11,026 11,704 4,390 18,897 17,629 18,578 6,166 8,484 8,426 8,466

15 2,508 2,627 1,009 4,509 4,703 4,180 1,414 1,874 1,959 1,908

17 . . . . . . . . 34 34

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

MAJIND90\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank 39,705 70,568 14,664 13,992 15,044 13,612 14,390 15,462 . .

00 . . . . . . . . 14,042 28,150

01 1,381 2,662 1,181 1,227 958 973 1,010 1,068 890 1,101

02 415 702 335 254 244 201 242 257 229 255

03 2,608 5,046 2,054 2,021 1,899 1,823 1,859 2,084 1,859 2,055

04 3,246 5,670 2,460 2,238 2,334 2,167 2,181 2,505 2,210 2,417

05 4,563 8,071 3,390 3,228 3,235 2,935 3,164 3,379 2,881 3,247

06 2,762 5,023 2,002 2,060 2,070 1,924 1,954 2,268 1,905 2,406

07 809 1,519 587 618 590 564 587 713 617 669

08 725 1,304 592 558 569 500 497 596 554 599

09 6,905 12,856 5,332 5,422 5,082 4,710 5,053 5,585 4,992 6,101

10 2,528 4,560 1,769 1,926 2,047 1,826 1,886 2,149 1,821 2,093

11 1,878 3,644 1,460 1,561 1,555 1,507 1,607 1,804 1,487 1,892

12 1,744 3,181 1,281 1,204 1,118 1,120 1,177 1,177 1,107 1,298

13 493 1,038 448 433 366 312 351 446 438 569

14 8,492 15,435 6,860 6,998 6,879 6,398 6,867 7,951 7,120 8,369

15 1,798 3,383 1,572 1,479 1,479 1,342 1,450 1,579 1,380 1,659

17 19 36 35 52 10 11 10 14 18 19

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

MAJIND90\counts: 9413 9503 9603 9703 9803 0303 0403 0503 0603 0703

blank . . . . . . . . . .

00 52,891 37,622 32,700 32,776 32,451 88,494 86,935 93,167 70,382 69,812

01 1,559 1,229 1,078 988 959 1,678 1,743 2,025 1,709 1,699

02 300 225 192 213 186 377 299 414 376 442

03 3,061 2,386 2,094 2,200 2,193 5,256 5,137 5,693 5,476 5,510

04 3,534 2,639 2,149 2,130 2,054 3,220 3,103 3,169 2,872 2,762

05 4,574 3,358 3,032 3,000 3,022 4,637 4,613 4,954 4,544 4,319

06 3,338 2,510 2,195 2,218 2,262 4,228 4,096 4,224 4,068 3,962

07 880 754 618 611 673 976 1,026 1,014 1,009 1,074

08 893 666 582 580 530 1,022 971 1,000 929 784

09 9,034 6,445 5,713 5,911 5,902 11,881 11,623 12,418 11,603 11,131

10 3,181 2,350 2,041 2,075 2,190 4,537 4,214 4,337 4,292 4,246

11 3,055 2,197 2,126 2,169 2,268 4,584 4,260 4,378 4,189 4,286

12 2,085 1,514 1,310 1,308 1,319 2,226 2,171 2,191 2,094 2,135

13 859 644 604 686 618 1,120 970 1,038 991 913

14 11,849 9,137 7,725 8,070 8,103 17,346 17,191 17,976 17,010 17,664

15 2,168 1,796 1,384 1,449 1,436 2,815 2,943 3,245 2,906 2,995

17 25 13 12 10 7 8 14 14 13 8

Total 103,286 75,485 65,555 66,394 66,173 154,405 151,309 161,257 134,463 133,742

MAJIND90\counts: 0803 0903 1003 1103

blank . . . 69,234

00 67,302 69,381 68,886 .

01 1,750 1,683 1,801 1,633

02 389 468 375 410

03 5,097 5,057 4,888 4,426

04 2,673 2,588 2,585 2,552

05 4,234 4,079 3,815 3,867

06 4,114 3,962 3,735 3,850

07 924 841 842 711

08 756 718 747 839

09 11,284 11,506 11,135 10,775

10 3,947 3,989 3,954 3,851

11 4,276 4,300 4,388 4,171

12 2,039 2,041 2,065 2,021

13 945 999 1,119 959

14 17,309 18,006 17,943 17,629

15 3,002 2,995 3,173 3,116

17 14 16 17 17

Total 130,055 132,629 131,468 130,061

**CODES for files:** 9903-0203

00 — Missing

01 — Agriculture

02 — Mining

03 — Construction

04 — Manufacturing, durable goods

05 — Manufacturing, nondurable goods

06 — Transportation

07 — Communications

08 — Utilities and sanitary services

09 — Wholesale trade

10 — Retail trade

11 — Finance, insurance, and real estate

12 — Private households

13 — Business, auto and repair services

14 — Personal services, excluding private households

15 — Entertainment and recreation services

16 — Hospitals

17 — Medical services, excluding hospitals

18 — Educational services

19 — Social services

20 — Other professional services

21 — Forestry and fisheries

22 — Public administration

23 — Armed forces last job, currently unemployed

**FREQUENCIES:**

MAJIND90\counts: 9903 0003 0103 0203

00 35,714 35,368 40,143 40,805

01 1,037 1,022 1,121 1,058

02 215 174 233 192

03 2,351 2,465 2,881 2,990

04 3,091 3,085 3,390 3,250

05 2,056 2,243 2,425 2,227

06 1,573 1,667 1,767 1,812

07 427 465 561 574

08 392 374 411 446

09 1,352 1,427 1,575 1,513

10 6,039 6,040 6,851 7,150

11 2,217 2,177 2,527 2,485

12 300 310 326 274

13 2,270 2,437 2,841 2,721

14 1,065 1,097 1,339 1,234

15 663 651 791 811

16 1,270 1,224 1,478 1,542

18 2,979 2,932 3,430 3,441

19 935 935 1,093 1,192

20 1,581 1,585 1,886 1,965

21 64 65 64 75

22 1,578 1,578 1,800 1,757

23 6 1 4 8

Total 69,175 69,322 78,937 79,522

**64. Industry Using 2007 Codes** **IND2007** [Analysis File](#IND2007_A) [Return to Index](#INDEX3_4)

**EDITS:** Simple

**DESCRIPTION:** Job specific codes using the Census 2007 industrial classification codes. Specific industrial codes are given in [Appendix F](#APP_F).

Year 2007 industrial codes for NLMS cohorts 2007 through 2011 were taken directly from the Census Bureau’s Data Processing Center ‘s I&O coding found permanently on the corresponding NLMS master file for the cohort. For cohorts collected between 2003 and 2006, the 2007 industrial coding was derived from the available Census 2000 code given on the corresponding NLMS master file. For NLMS cohorts prior to 2003 the translation to the 2007 code was based on the previously defined variable [IND1990](#IND1990), see page 114. The translation of the codes for the cohorts prior to 2003, and those in the period 2003 to 2006, into the corresponding year 2007 code was done using crosswalks developed by the Industry and Industries Branch of the Census Bureau’s Population Division and made available on the Census Bureau’s website: [www.census.gov/people/io](file:///C:\Users\Foran\Desktop\NLMS%202014\www.census.gov\people\io). The assignment of a particular industrial code to a year 2007 code was based on the highest percentage association of the industry to a 2007 industry code determined from studies of the SF-3 and SF-4 Census Summary files as coded by the Census Bureau’s Industry and Industries Branch. These percentages are also found in documentation available on the previously reference website. In some cases there is a clear translation of the earlier code into the later code. That is, a high percentage of the earlier industrial code translated into one later code. In other cases, four or five possibilities might exist. In any case, the 2007 industrial code assigned is the code having the highest percentage of assignments for records for the given earlier industrial code.

**NOTE:** The, “2007,” portion of the variable name indicates that the definition of industry follows the definition of industry codes developed for the 2000 Census with minor modifications made and followed in 2007. This definition of industry remained fixed in CPS surveys for the period from 2007 through to the year 2011, the latest CPS survey year incorporated into the NLMS.

**NOT AVAILABLE:** 8024

**FREQUENCIES:**

IND2007\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 71,613 36,632 21,419 92,648 89,958 89,529 32,178 41,091 40,744 40,477

0000-9890 59,600 58,030 21,679 92,223 92,415 88,236 29,626 40,389 40,537 40,255

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

IND2007\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank 39,705 70,568 14,664 13,992 15,044 13,612 14,390 15,462 14,042 28,150

0000-9890 40,366 74,130 31,358 31,279 30,435 28,313 29,895 33,575 29,508 34,749

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

IND2007\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank 52,891 37,622 32,700 32,776 32,451 34,050 33,653 38,127 38,684 .

0000-9890 50,395 37,863 32,855 33,618 33,722 35,125 35,669 40,810 40,838 154,405

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

IND2007\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank . . . . . . . .

0000-9890 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**65. Major Industry Using 2007 Codes** **MAJIND2007** [Analysis File](#MAJIND2007_A) [Return to Index](#INDEX3_4)

**EDITS:** Simple

**DESCRIPTION:** Major industry classification recode for specific industry for Census 2007 industrial classification codes. Specific industrial groupings are shown below in parentheses.

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8024, 8008-1103

blank — Industry missing, not reported, unknown

00 — Missing

01 — Agriculture, forestry, fishing, and hunting (0170-0290)

02 — Mining (0370-0490)

03 — Construction (0770)

04 — Manufacturing (1070-3990)

05 — Wholesale and retail trade (4070-5790)

06 — Transportation, warehousing and utilities (0570-0690, 6070-6390)

07 — Information (6470-6780)

08 — Financial, insurance, real estate, rental and leasing (6870-7190)

09 — Professional, scientific, management, administrative,

waste management services (7270-7790)

10 — Educational, health care, and social services (7860-8470)

11 — Arts, entertainment, recreation, leisure accommodation, and food (8560-8690)

12 — Other services except public administration (8770-9290)

13 — Public administration (9370-9590)

14 — Armed Forces (9670-9870)

**FREQUENCIES:**

MAJIND2007\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303

blank 71,613 36,632 21,419 92,648 89,958 89,529 32,178 41,091 40,744

00 . . . . . . . . .

01 2,496 1,886 880 4,009 4,566 3,648 1,124 1,638 1,619

02 441 509 185 1,049 1,151 1,125 356 571 557

03 3,691 3,566 1,373 5,898 6,242 5,773 1,932 2,484 2,601

04 13,962 12,757 4,648 18,503 18,102 17,023 5,938 7,830 7,575

05 9,983 9,558 3,403 14,339 14,371 13,930 4,633 6,177 6,354

06 3,163 3,081 1,055 4,774 4,823 4,575 1,496 2,002 1,923

07 1,423 1,474 541 2,395 2,247 2,136 781 1,030 1,038

08 3,036 3,307 1,106 5,118 5,177 4,972 1,713 2,329 2,301

09 2,480 2,779 1,053 4,681 4,708 4,586 1,606 2,367 2,295

10 9,167 9,526 3,598 15,343 14,161 15,089 4,943 6,764 6,818

11 3,320 3,586 1,574 6,466 6,917 6,214 1,984 2,940 3,091

12 3,930 3,374 1,254 5,139 5,247 4,985 1,706 2,383 2,372

13 2,508 2,627 1,009 4,509 4,703 4,180 1,414 1,874 1,959

14 . . . . . . . . 34

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281

MAJIND2007\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103

blank 40,477 39,705 70,568 14,664 13,992 15,044 13,612 14,390 15,462

00 . . . . . . . . .

01 1,550 1,300 2,456 1,089 1,123 892 904 934 987

02 460 415 702 335 254 244 201 242 257

03 2,633 2,608 5,046 2,054 2,021 1,899 1,823 1,859 2,084

04 7,357 7,608 13,334 5,712 5,308 5,428 4,979 5,191 5,725

05 6,128 6,199 11,594 4,873 4,937 4,744 4,337 4,685 5,231

06 1,980 1,980 3,685 1,435 1,501 1,490 1,411 1,455 1,639

07 1,048 1,018 1,851 786 728 750 616 650 748

08 2,370 2,562 4,619 1,787 1,956 2,070 1,852 1,897 2,184

09 2,439 2,581 5,025 2,063 2,215 2,190 2,123 2,302 2,597

10 6,839 6,813 12,385 5,542 5,621 5,473 5,153 5,513 6,386

11 3,151 3,107 5,800 2,334 2,403 2,155 2,078 2,169 2,506

12 2,358 2,358 4,214 1,741 1,681 1,611 1,483 1,538 1,638

13 1,908 1,798 3,383 1,572 1,479 1,479 1,342 1,450 1,579

14 34 19 36 35 52 10 11 10 14

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037

MAJIND2007\counts: 9203 9303 9413 9503 9603 9703 9803 9903 0003

blank 14,042 28,150 52,891 37,622 32,700 32,776 32,451 34,050 33,653

00 . . . . . . . . .

01 772 953 1,270 1,007 880 802 747 823 832

02 229 255 300 225 192 213 186 215 174

03 1,859 2,055 3,061 2,386 2,094 2,200 2,193 2,351 2,465

04 4,960 5,492 7,908 5,856 5,049 4,993 4,954 5,012 5,192

05 4,609 5,444 7,759 5,834 5,109 5,173 5,155 5,377 5,446

06 1,371 1,796 2,445 1,851 1,639 1,634 1,630 1,757 1,823

07 638 768 1,153 819 678 789 789 795 846

08 1,886 2,173 3,299 2,432 2,122 2,162 2,293 2,282 2,261

09 2,251 2,782 4,255 3,343 2,898 3,105 3,192 3,303 3,443

10 5,721 6,776 9,627 7,345 6,311 6,494 6,515 6,802 6,762

11 2,320 2,787 4,453 3,097 2,740 2,919 2,863 3,033 3,058

12 1,494 1,790 2,672 1,859 1,747 1,675 1,762 1,791 1,788

13 1,380 1,659 2,168 1,796 1,384 1,449 1,436 1,578 1,578

14 18 19 25 13 12 10 7 6 1

Total 43,550 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322

MAJIND2007\counts: 0103 0203 0303 0403 0503 0603 0703 0803 0903

blank 38,127 38,684 . . . . . . .

00 . . 88,494 86,935 93,167 70,382 69,812 67,302 69,381

01 887 872 1,177 1,235 1,409 1,135 1,140 1,122 1,083

02 233 192 377 299 414 376 442 389 468

03 2,881 2,990 5,060 4,967 5,512 5,273 5,345 4,917 4,853

04 5,682 5,351 7,507 7,365 7,797 7,084 6,733 6,660 6,392

05 6,088 6,149 9,788 9,481 10,115 9,486 9,036 8,899 8,890

06 1,941 1,992 3,148 3,106 3,283 3,127 3,120 3,259 3,207

07 962 1,002 1,626 1,561 1,466 1,466 1,492 1,415 1,455

08 2,616 2,560 4,659 4,390 4,509 4,443 4,340 4,075 4,100

09 4,128 3,994 6,800 6,185 6,494 6,284 6,544 6,653 6,757

10 7,955 8,244 13,451 13,515 14,113 13,334 13,777 13,339 13,929

11 3,658 3,732 6,338 6,121 6,405 6,061 5,918 6,078 6,099

12 1,975 1,995 3,157 3,192 3,314 3,093 3,040 2,931 3,004

13 1,800 1,757 2,815 2,943 3,245 2,906 2,995 3,002 2,995

14 4 8 8 14 14 13 8 14 16

Total 78,937 79,522 154,405 151,309 161,257 134,463 133,742 130,055 132,629

MAJIND2007\counts: 1003 1103

blank . .

00 68,886 69,234

01 1,169 1,107

02 375 410

03 4,676 4,180

04 6,162 6,161

05 8,736 8,383

06 3,087 2,931

07 1,364 1,327

08 4,065 3,908

09 6,776 6,627

10 14,073 13,834

11 6,006 5,933

12 2,903 2,893

13 3,173 3,116

14 17 17

Total 131,468 130,061

**66. Occupation Using 1990 Codes** **OCC1990** [Analysis File](#OCC1990_63) [Return to Index](#INDEX3_4)

[Return to OCC2000](#OCC2000)

**EDITS:** Simple, Invalid Entry

**DESCRIPTION:** Job specific 1990 occupational classification codes. Specific 1990 occupation codes are given in [Appendix G](#APP_G).

1990 occupation codes for NLMS cohorts 1992 through 1998 were taken directly from the Census Bureau’s Data Processing Center I&O coding found permanently on the NLMS master files for these cohorts. For cohorts collected prior to 1992, original coding in Jeffersonville was done according to the definitions used at the time. These codes were translated, for NLMS purposes, to a “best” choice 1990 code. Using documented Demographic Surveys Division (DSD) translations of 1970 occupational coding for the 1973 through 1982 NLMS cohorts, the 1970 occupational codes found on cohort master files were first converted to 1980 occupational codes. For 1970 occupational codes which translated into more than one 1980 code translation was made according to results from a DSD developed test sample, the 1980 occupational translation assigned, for NLMS purposes, was the most frequently corresponding 1980 code indicated on the test file. The 1990 occupational code was then identified for these 1980 codes using DSD predetermined translations. The occupational classification codes contained on master file records for NLMS cohorts 1983 through 1991 were 1980 codes. These codes were converted to 1990 occupational codes using the same DSD documentation used to translate 1980 codes to 1990 codes for the 1973 through 1982 NLMS cohorts.

**NOTE 1**: Errors will be generated by the strategy used to assign a 1970 occupation to a particular 1980 occupation for those 1970 occupations for which there were multiple choices for a 1980 occupation. The decision to assign the most frequently occurring translation according to the results of a test file from the 1980 Census was made to minimize the translation errors.

**NOTE 2**: Occupational classifications change over the decades and the 1990 definition list has occupations that were not classified in 1970 or in 1980. In particular, armed forces personnel were not classified until after 1991. Military classifications have been converted to missing for NLMS occupational classification purposes.

Reference: 1990 Census of Population and Housing. Alphabetical Index of Industries and Occupations. 1990 CPH-R-3.

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

blank — Never worked, unknown, or age LE 13 years

0-1 — This code, literally the 3 characters “0-1”, is equiv to blank or 000

000 — Never worked, unknown, or age LE 13 years

003-889 — Valid occupation

905 — Classified active military

**FREQUENCIES:**

OCC1990\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 71,520 36,577 21,393 92,480 89,880 89,480 32,109 41,025 40,774 40,497

0-1 . . . . . . . . . .

000 . . . . . . . . . .

003-889 59,693 58,085 21,705 92,390 92,493 88,285 29,694 40,455 40,473 40,201

905 . . . 1 . . 1 . 34 34

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

OCC1990\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank 39,745 70,624 14,687 14,020 15,074 13,627 14,416 15,485 . .

0-1 . . . . . . . . . .

000 . . . . . . . . 14,042 28,150

003-889 40,307 74,038 31,300 31,199 30,395 28,287 29,859 33,538 29,490 34,730

905 19 36 35 52 10 11 10 14 18 19

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

OCC1990\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank . . . . . . . . . .

0-1 . . . . . . . . 38,684 .

000 52,891 37,622 32,700 32,776 32,451 34,050 33,653 38,127 . 88,494

003-889 50,370 37,850 32,843 33,608 33,715 35,119 35,668 40,806 40,830 65,903

905 25 13 12 10 7 6 1 4 8 8

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

OCC1990\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank . . . . . . . .

0-1 . . . . . . . .

000 86,935 93,167 70,382 69,812 67,302 69,381 68,886 69,234

003-889 64,360 68,076 64,068 63,922 62,739 63,232 62,565 60,810

905 14 14 13 8 14 16 17 17

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**67. Major Occupation Using 1990 Codes** **MAJOCC90** [Analysis File](#MAJOCC90_64) [Return to Index](#INDEX3_4)

**EDITS:** Simple, Recode

**DESCRIPTION:** Major occupation classification recode of 1990 specific occupation codes. In the table below, specific occupation groupings are shown in parentheses.

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-9803, 0303-1103

blank — Occupation missing, unknown (files 7303-9103)

**Managerial & Professional Specialties**

01 — Executive, administrative, managerial (003-037)

02 — Professional specialties (043-199)

**Technical, Sales & Administrative Support**

03 — Technicians and related support (203-235)

04 — Sales (243-285)

05 — Administrative support including clerical (303-389)

**Service Occupations**

06 — Private household (403-407)

07 — Protective services (413-427)

08 — Service excluding private and protective (433-469)

**Farming, Forestry & Fishing**

09 — Farm operators & mangers (473-476)

10 — Other agricultural and related (477-499)

**Precision Production, Crafts & Repair**

11 — Mechanics & repairers (503-549)

12 — Construction trades (553-599)

13 — Extractive (613-617)

14 — Precision production (628-699)

**Operators, Fabricators & Laborers**

15 — Machine operators, assemblers & inspectors (703-799)

16 — Transportation & materials moving (803-859)

17 — Handlers, equipment cleaners, helpers & laborers (864-889)

**Military Occupations**

18 — Military occupations (905)

19 — Occupation missing, unknown (files 9203-9803) (999)

**FREQUENCIES:**

MAJOCC90\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank 39,745 70,624 14,687 14,020 15,074 13,627 14,416 15,485 . .

00 . . . . . . . . . .

01 4,348 7,924 3,237 3,511 3,694 3,418 3,630 4,119 3,548 4,408

02 4,797 9,033 3,956 4,065 4,026 3,796 3,923 4,520 3,962 4,818

03 1,112 2,209 966 860 899 871 973 1,042 1,056 1,116

04 4,729 8,655 3,706 3,689 3,526 3,310 3,481 3,866 3,395 4,167

05 6,413 11,713 4,977 5,004 4,916 4,309 4,705 5,296 4,819 5,220

06 537 855 360 313 245 242 219 219 209 275

07 599 1,149 529 512 458 473 524 539 512 591

08 4,916 8,778 3,646 3,653 3,405 3,218 3,431 3,918 3,458 4,192

09 537 1,076 472 461 417 403 418 430 374 436

10 870 1,853 801 795 526 547 565 633 511 676

MAJOCC90\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

(cont.)

11 1,598 2,878 1,257 1,177 1,206 1,085 1,076 1,244 1,069 1,141

12 1,714 3,341 1,361 1,290 1,275 1,143 1,250 1,422 1,216 1,370

13 117 143 77 52 57 44 41 54 55 56

14 1,405 2,625 1,149 1,078 1,038 941 1,003 1,046 922 1,075

15 3,114 5,359 2,206 2,071 2,219 2,089 2,070 2,377 1,964 2,305

16 1,699 3,104 1,267 1,320 1,253 1,206 1,227 1,427 1,180 1,478

17 1,802 3,343 1,333 1,348 1,235 1,192 1,323 1,386 1,240 1,406

18 19 36 35 52 10 11 10 14 18 19

19 . . . . . . . . 14,042 28,150

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

MAJOCC90\counts: 9413 9503 9603 9703 9803 0303 0403 0503 0603 0703

blank . . . . . . . . . .

00 . . . . . 88,494 86,935 93,167 70,382 69,812

01 5,998 4,911 4,355 4,587 4,485 9,702 9,291 9,393 9,319 9,291

02 6,742 5,393 4,592 4,840 4,893 10,033 10,351 10,755 10,106 10,637

03 1,550 1,096 950 1,061 1,041 2,027 1,967 2,142 1,939 1,962

04 6,007 4,631 3,931 4,033 4,086 7,678 7,545 7,794 7,460 7,229

05 7,534 5,528 4,774 4,795 4,801 9,524 8,849 9,288 8,690 8,464

06 433 312 272 271 293 . . . . .

07 836 627 508 570 564 1,123 1,233 1,277 1,191 1,234

08 6,561 4,623 3,990 4,058 4,138 9,063 8,860 9,461 8,974 8,941

09 592 504 396 359 360 615 654 763 605 603

10 962 693 652 636 597 1,065 1,104 1,313 1,155 1,134

11 1,735 1,248 1,183 1,144 1,187 2,170 2,076 2,312 2,126 2,059

12 2,128 1,570 1,335 1,441 1,480 3,088 3,039 3,330 3,158 3,102

13 65 51 44 56 47 48 71 93 98 110

14 1,600 1,150 928 982 1,003 1,714 1,506 1,611 1,424 1,422

15 3,356 2,449 2,157 2,070 2,061 3,087 2,975 3,326 2,852 2,791

16 1,994 1,499 1,388 1,338 1,350 2,672 2,566 2,687 2,512 2,542

17 2,277 1,565 1,388 1,367 1,329 2,294 2,273 2,531 2,459 2,401

18 25 13 12 10 7 8 14 14 13 8

19 52,891 37,622 32,700 32,776 32,451 . . . . .

Total 103,286 75,485 65,555 66,394 66,173 154,405 151,309 161,257 134,463 133,742

MAJOCC90\counts: 0803 0903 1003 1103

blank . . . .

00 67,302 69,381 68,886 69,234

01 9,203 9,629 9,229 8,743

02 10,498 10,895 10,859 11,120

03 1,967 1,973 2,057 2,128

04 7,096 7,047 6,865 6,590

05 8,295 8,205 8,012 7,819

06 . . . .

07 1,255 1,240 1,345 1,377

08 8,765 8,973 9,165 8,776

09 614 611 612 554

10 1,161 1,083 1,156 1,101

11 1,999 2,027 2,013 1,855

12 2,850 2,652 2,623 2,394

13 82 115 107 127

14 1,343 1,227 1,285 1,405

15 2,710 2,493 2,503 2,255

16 2,568 2,710 2,456 2,407

17 2,333 2,352 2,278 2,159

18 14 16 17 17

19 . . . .

Total 130,055 132,629 131,468 130,061

**CODES for files:** 9903-0203

00 — Missing

01 — Executive, administrative, and managerial

02 — Professional specialty

03 — Technicians and related support

04 — Sales

05 — Administrative support, including clerical

06 — Private household

07 — Protective service

08 — Service, excluding protective and household

09 — Precision production, craft, and repair

10 — Machine operators, assemblers, and inspectors

11 — Transportation and material moving

12 — Handlers, equip cleaners, helpers, laborers

13 — Farming, forestry, and fishing

14 — Armed forces

**FREQUENCIES:**

MAJOCC90\counts: 9903 0003 0103 0203

00 34,050 33,653 38,127 38,684

01 4,857 4,860 5,622 5,880

02 5,115 5,046 5,892 6,002

03 1,018 1,132 1,328 1,293

04 4,204 4,152 4,634 4,663

05 4,854 4,927 5,605 5,482

06 265 269 289 248

07 571 590 642 708

08 4,349 4,397 5,139 5,270

09 3,832 3,959 4,541 4,449

10 2,037 2,119 2,330 2,139

11 1,424 1,528 1,767 1,743

12 1,523 1,586 1,822 1,844

13 1,070 1,103 1,195 1,109

14 6 1 4 8

Total 69,175 69,322 78,937 79,522

**68. Occupation Using 2000 Codes** **OCC2000** [Analysis File](#OCC2000_A) [Return to Index](#INDEX3_4)

**EDITS:** Simple, Recode

**DESCRIPTION:** Job specific using Census Bureau 2000 occupational classification codes. Specific occupational codes are given in [Appendix H](#APP_H).

Census year 2000 occupational codes for NLMS cohorts 2003 through 2011 were taken directly from the Census Bureau’s Data Processing Center ‘s I&O coding found permanently on the corresponding NLMS master file for the cohort. For cohorts collected prior to 2003, the 2000 occupational coding was derived from the NLMS variable [OCC1990](#OCC1990), see page 124. The translation into the corresponding 2000 code was done using crosswalks developed by the Occupation and Industries Branch of the Census Bureau’s Population Division and made available on the Census Bureau’s website: [www.census.gov/people/io](file:///C:\Users\Foran\Desktop\NLMS%202014\www.census.gov\people\io). The assignment of a particular 1990 occupational code to a 2000 code was based on the highest percentage association of the 1990 occupation code to a 2000 occupation code determined from studies of the SF-3 and SF-4 Census Summary files as coded by the Census Bureau’s Occupations and Industries Branch. These percentages are also found in documents on the previously referenced website. In some cases, there is a clear translation of the 1990 code into the 2000 code. That is, a high percentage of the given 1990 occupational code translated into one 2000 code. In other cases, four or five possibilities might exist. In any case, the 2000 occupational code assigned is the code having the highest percentage of assignments for records with the given 1990 occupational code.

**NOTE:** The, “2000,” portion of the variable name indicates that the definition of occupation follows the definition of occupation code developed for the 2000 Census. This definition of occupation remained fixed in CPS surveys for the entire period from 2003, the year of the CPS redesign to reflect the Census 2000 designed frame, through the year 2011, the latest CPS survey year incorporated into the NLMS.

**NOT AVAILABLE:** 8024

**FREQUENCIES:**

OCC2000\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 71,520 36,577 21,393 92,480 89,880 89,480 32,109 41,025 40,774 40,497

0000-9840 59,693 58,085 21,705 92,391 92,493 88,285 29,695 40,455 40,507 40,235

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

OCC2000\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank 39,745 70,624 14,687 14,020 15,074 13,627 14,416 15,485 14,042 28,150

0000-9840 40,326 74,074 31,335 31,251 30,405 28,298 29,869 33,552 29,508 34,749

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

OCC2000\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank 52,891 37,622 32,700 32,776 32,451 34,050 33,653 38,127 38,684 .

0000-9840 50,395 37,863 32,855 33,618 33,722 35,125 35,669 40,810 40,838 154,405

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

OCC2000\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank . . . . . . . .

0000-9840 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**69. Major Occupation Using the Census 2000 Codes** **MAJOCC2000** [Analysis File](#MAJOCC2000_A)

[Return to Index](#INDEX3_4)

**EDITS:** Simple, Invalid Entry

**DESCRIPTION:** Major occupation classification recode for specific occupation for Census 2000 occupational classification codes. Specific occupational groupings are shown in parentheses below.

**NOT AVAILABLE:** 8024

**Codes FOR FILES:** 7303-8014, 8008-1103

blank — Industry missing, not reported, unknown

00 — Missing

01 — Management, business and financial occupations (0010-0950)

02 — Professional and related occupations (1000-3540)

03 — Service occupations (3600-4650)

04 — Sales and related occupations (4700-4965)

05 — Office and administrative support occupations (5000-5940)

06 — Farming, fishing and forestry occupations (6005-6130)

07 — Construction and extraction occupations (6200-6940)

08 — Installation, maintenance, and repair occupations (7000-7630)

09 — Productions occupations (7700-8965)

10 — Transportation and material moving occupations (9000-9750)

11 — Armed Forces (9800-9830)

**FREQUENCIES:**

MAJOCC2000\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303

blank 71,520 36,577 21,393 92,480 89,880 89,480 32,109 41,025 40,774

00 . . . . . . . . .

01 6,310 6,440 2,215 10,638 11,158 10,584 3,677 4,946 4,685

02 9,744 10,096 3,667 16,534 15,378 15,908 5,373 7,281 7,273

03 7,248 7,054 2,924 11,415 11,963 10,710 3,489 5,118 5,166

04 6,222 6,148 2,173 9,563 9,408 9,477 3,052 4,148 4,580

05 9,205 9,180 3,392 14,792 14,573 13,988 4,738 6,342 6,378

06 1,313 967 475 1,974 2,308 1,675 561 767 785

07 3,422 3,207 1,250 5,410 5,765 5,291 1,780 2,345 2,430

08 2,396 2,305 807 3,753 3,525 3,384 1,231 1,557 1,647

09 9,063 8,089 3,174 11,813 11,805 11,079 3,782 5,058 4,681

10 4,770 4,599 1,628 6,498 6,610 6,189 2,011 2,893 2,848

11 . . . 1 . . 1 . 34

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281

MAJOCC2000\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103

blank 40,497 39,745 70,624 14,687 14,020 15,074 13,627 14,416 15,485

00 . . . . . . . . .

01 4,749 4,856 8,972 3,691 3,936 4,085 3,821 4,037 4,548

02 7,477 7,460 13,998 6,148 6,157 6,111 5,793 6,146 6,928

03 5,107 5,007 9,163 3,795 3,732 3,282 3,147 3,323 3,746

04 4,551 4,729 8,655 3,706 3,689 3,526 3,310 3,481 3,866

05 6,258 6,422 11,756 4,994 5,015 4,920 4,295 4,696 5,262

06 770 648 1,184 537 543 390 395 419 470

07 2,358 2,344 4,494 1,837 1,746 1,668 1,543 1,618 1,845

08 1,626 1,648 2,968 1,293 1,201 1,247 1,123 1,100 1,282

09 4,538 4,475 7,899 3,322 3,097 3,226 3,000 3,042 3,389

10 2,767 2,718 4,949 1,977 2,083 1,940 1,860 1,997 2,202

11 34 19 36 35 52 10 11 10 14

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037

MAJOCC2000\counts: 9203 9303 9413 9503 9603 9703 9803 9903 0003

blank 14,042 28,150 52,891 37,622 32,700 32,776 32,451 34,050 33,653

00 . . . . . . . . .

01 3,908 4,842 6,573 5,382 4,763 4,959 4,841 5,156 5,176

02 6,254 7,371 10,472 8,139 6,950 7,320 7,381 7,686 7,717

03 3,335 4,071 6,403 4,508 3,918 4,005 4,080 4,265 4,349

04 3,395 4,167 6,007 4,631 3,931 4,033 4,086 4,204 4,152

05 4,792 5,248 7,561 5,493 4,690 4,783 4,799 4,809 4,839

06 370 476 637 471 423 403 383 488 512

07 1,604 1,792 2,801 2,058 1,761 1,888 1,897 2,034 2,134

08 1,099 1,186 1,777 1,290 1,220 1,168 1,226 1,291 1,279

09 2,830 3,334 4,891 3,557 3,034 3,007 3,019 2,995 3,152

10 1,903 2,243 3,248 2,321 2,153 2,042 2,003 2,191 2,358

11 18 19 25 13 12 10 7 6 1

Total 43,550 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322

MAJOCC2000\counts: 0103 0203 0303 0403 0503 0603 0703 0803 0903

blank 38,127 38,684 . . . . . . .

00 . . 88,494 86,935 93,167 70,382 69,812 67,302 69,381

01 6,006 6,290 9,282 8,917 9,204 8,934 8,951 8,910 9,268

02 9,023 9,212 12,391 12,621 13,198 12,345 12,938 12,754 13,224

03 5,026 4,961 11,394 11,331 12,077 11,440 11,378 11,248 11,444

04 4,634 4,663 7,555 7,390 7,634 7,275 7,076 6,900 6,888

05 5,495 5,396 9,447 8,854 9,216 8,645 8,415 8,306 8,126

06 483 467 550 572 670 578 581 551 510

07 2,538 2,554 4,292 4,064 4,576 4,457 4,436 4,085 3,904

08 1,428 1,429 2,355 2,234 2,486 2,268 2,208 2,120 2,186

09 3,422 3,172 4,655 4,421 4,871 4,219 4,141 3,983 3,664

10 2,751 2,686 3,982 3,956 4,144 3,907 3,798 3,882 4,018

11 4 8 8 14 14 13 8 14 16

Total 78,937 79,522 154,405 151,309 161,257 134,463 133,742 130,055 132,629

MAJOCC2000\counts: 1003 1103

blank . .

00 68,886 69,234

01 8,927 8,857

02 13,195 12,857

03 11,815 11,503

04 6,715 6,444

05 7,933 7,811

06 550 524

07 3,745 3,489

08 2,166 1,984

09 3,731 3,670

10 3,788 3,671

11 17 17

Total 131,468 130,061

**70. Class of Worker** **CLASSWKR** [Analysis File](#CLASSWKR_65) [Return to Index](#INDEX3_4)

**EDITS:** Simple, Recode

**DESCRIPTION:** For files prior to 2003, detailed class of worker was derived from the type of work performed and the response to question 23E on the survey. This variable was coded differently during the different time periods of follow-up of the NLMS. The variable RCOW1 is a more direct response to question 23E.

Beginning in 2003, the variable, CLASSWKR, loosely described as, class of worker, is taken from the CPS variable, PEIO1COW. This variable is a broad classification of the concept, *What was your main job this month?*

**NOT AVAILABLE:** 8024

**CODES for files**: 7303, 7802, 8014, 8008, 8012

blank — Not in the universe

-- — Missing value, unknown

00 — Not in the Labor Force

01 — Agriculture, Wage & Salary

02 — Agriculture, Self-Employed

03 — Agriculture, Unpaid Family

04 — Non-agriculture, Wage and Salary, private household

05 — Non-agriculture, Wage and Salary, government

**Non-agriculture, Wage and Salary, other private goods producing industries**

06 — White collar occupations

07 — Blue collar occupations

08 — Service occupations

**Service producing industries**

09 — White collar occupations

10 — Blue collar occupations

11 — Service occupations

12 — Non-agriculture, Wage and Salary, self-employed

13 — Non-agriculture, Wage and Salary, unpaid family

14 — No previous full time work experience

^^ — Missing value, unknown

**FREQUENCIES:**

CLASSWKR\counts: 7303 7802 8014 8008 8012

blank . 760 41,534 41,188 8,931

-- 33,734 . . . .

00 41,151 37,948 55,447 52,401 53,121

01 760 698 1,457 1,708 1,266

02 1,129 812 1,788 2,006 1,667

03 273 113 348 459 252

04 1,348 1,033 1,276 1,529 1,254

05 8,885 9,060 14,419 13,613 13,711

06 4,328 4,407 6,860 6,701 6,466

07 11,896 10,787 15,742 16,007 14,646

08 301 282 390 399 347

09 13,357 14,472 22,938 23,139 22,766

10 5,325 5,258 7,936 8,087 7,704

11 4,277 4,606 7,833 7,979 7,283

12 3,598 3,599 5,874 5,902 5,922

13 371 264 325 330 296

14 480 563 704 925 661

^^ . . . . 31,472

Total 131,213 94,662 184,871 182,373 177,765

**CODES for files**: 7903, 8103–8703, 9413–0203

00 — Not in the labor force

01 — Private industry

02 — Federal government

03 — State government

04 — Local government

05 — Self employed, incorporated

06 — Self employed, not incorporated

07 — Without pay

08 — Never worked

**FREQUENCIES:**

CLASSWKR\counts: 7903 8103 8203 8303 8403 8503 8509 8603 8703 9413

00 21,258 31,925 40,854 40,320 40,070 39,315 69,870 14,664 13,992 52,659

01 15,669 21,283 28,983 29,103 29,126 29,692 54,375 22,977 22,841 37,403

02 724 985 1,346 1,306 1,401 1,242 2,292 1,030 1,015 1,445

03 788 1,183 1,516 1,607 1,605 1,572 2,733 1,222 1,280 2,054

04 2,049 2,528 3,436 3,421 3,372 3,236 6,036 2,785 2,733 3,724

05 387 651 879 1,023 946 1,010 1,868 733 769 1,572

06 1,687 2,630 3,526 3,610 3,544 3,405 6,409 2,456 2,513 4,116

07 241 322 431 379 262 209 487 155 128 81

08 295 297 509 512 406 390 628 . . 232

Total 43,098 61,804 81,480 81,281 80,732 80,071 144,698 46,022 45,271 103,286

CLASSWKR\counts: 9503 9603 9703 9803 9903 0003 0103 0203

00 37,429 32,550 32,613 32,307 33,932 33,550 38,009 38,524

01 27,642 24,411 24,972 25,288 26,428 26,882 31,105 30,920

02 1,140 898 874 859 881 912 1,030 1,045

03 1,708 1,357 1,416 1,399 1,427 1,484 1,726 1,681

04 2,965 2,438 2,484 2,469 2,701 2,642 2,978 3,026

05 1,238 904 1,074 1,051 1,016 1,148 1,127 1,335

06 3,115 2,792 2,765 2,618 2,638 2,569 2,795 2,793

07 55 55 33 38 34 32 49 38

08 193 150 163 144 118 103 118 160

Total 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

**CODES for files**: 8803–9303

blank — Not in the universe

-1 — Not in the labor force, children, armed forces

00 — Missing value, unknown

**Agricultural:**

01 — Wage and salary—private

02 — Wage and salary—government

03 — Self-employed

04 — Unpaid family

**Non-agricultural: Wage and Salary, Private Industry**

05 — private household

06 — other private

**Non-agricultural: Wage and Salary, Government**

07 — Federal

08 — State

09 — Local

10 — Self-employed

11 — Unpaid family

**FREQUENCIES:**

CLASSWKR\counts: 8803 8903 9003 9103 9203 9303

blank . 48 68 . . .

-1 . 13,118 13,967 14,879 . .

00 15,044 475 400 583 14,042 28,150

01 432 471 454 504 436 523

02 5 6 7 6 5 3

03 438 401 434 443 376 458

04 40 38 40 48 22 48

05 307 293 279 260 255 334

06 22,191 20,460 21,599 24,502 21,700 25,179

07 944 855 973 973 863 1,059

08 1,257 1,189 1,313 1,546 1,268 1,468

09 2,601 2,466 2,558 2,844 2,525 3,125

10 2,148 2,029 2,127 2,375 2,011 2,471

11 72 76 66 74 47 81

Total 45,479 41,925 44,285 49,037 43,550 62,899

**CODES for files**: 0303–1103

blank — blank, unknown, fail edit record

00 — Missing, unknown, children

01 — Government: Federal

02 — Government: State

03 — Government: Local

04 — Private: for profit

05 — Private: nonprofit

06 — Self-Employed: incorporated

07 — Self-Employed: unincorporated

08 — Without pay

**FREQUENCIES:**

CLASSWKR\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

00 87,602 86,437 92,011 69,588 68,915 66,735 68,803 68,277 68,569

01 1,856 1,659 1,857 1,675 1,672 1,721 1,679 1,885 1,876

02 2,774 2,864 3,093 2,873 3,015 2,856 2,873 2,985 2,907

03 5,222 4,965 5,286 4,607 4,734 4,717 4,761 4,632 4,291

04 45,956 44,416 47,189 44,730 44,241 43,348 43,660 43,076 42,147

05 4,077 4,089 4,215 4,057 4,125 3,920 4,145 4,234 4,062

06 2,206 2,211 2,455 2,238 2,344 2,278 2,302 2,175 2,028

07 4,648 4,620 5,081 4,645 4,620 4,420 4,371 4,151 4,124

08 64 48 70 50 76 60 35 53 57

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**71. Class of Worker, Recode** **RCOW1** [Analysis File](#RCOW1_66) [Return to Index](#INDEX3_4)

**EDITS:** Invalid Entry, Recode

**DESCRIPTION:** Recode of detailed class of worker.

**NOT AVAILABLE:** 8024

**CODES for files:** 7303

- — Unknown, not in universe

0 — Never worked

**Employed:**

1 — Private

2 — Government

3 — Self-employed

4 — Unpaid family

**Unemployed:**

5 — Private

6 — Government

7 — Self-employed

8 — Unpaid family

**FREQUENCIES:**

RCOW1\counts: 7303

- 33,734

0 41,631

1 39,308

2 8,683

3 4,683

4 637

5 2,272

6 214

7 44

8 7

Total 131,213

**CODES for files**: 7802-8014, 8008-0203

blank — Not in the universe, unknown

- — Unknown

0 — Unknown, not in the universe

1 — Private industry

2 — Federal government

3 — State government

4 — Local government

5 — Self-employed, incorporated

6 — Self-employed, not incorporated

7 — Worked without pay

8 — Never worked

^ — Unknown

**FREQUENCIES:**

RCOW1\counts: 7802 7903 8014 8008 8012 8103 8203 8303 8403 8503

blank 760 . 41,534 41,188 8,931 . . . . .

- 34,464 . 50,108 47,939 48,524 . . . . .

0 . 21,258 . . . 31,925 40,854 40,320 40,070 39,315

1 42,948 15,669 66,303 66,810 63,148 21,283 28,983 29,103 29,126 29,692

2 1,871 724 3,251 3,348 3,030 985 1,346 1,306 1,401 1,242

3 2,202 788 3,747 3,385 3,545 1,183 1,516 1,607 1,605 1,572

4 5,494 2,049 8,083 7,555 7,796 2,528 3,436 3,421 3,372 3,236

5 1,007 387 1,813 1,794 1,839 651 879 1,023 946 1,010

6 4,591 1,687 8,003 8,201 7,875 2,630 3,526 3,610 3,544 3,405

7 651 241 1,062 1,139 866 322 431 379 262 209

8 674 295 967 1,014 739 297 509 512 406 390

^ . . . . 31,472 . . . . .

Total 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732 80,071

RCOW1\counts: 8509 8603 8703 8803 8903 9003 9103 9203 9303 9413

blank . . . 14,449 13,025 . 14,879 13,510 17,093 .

- . . . . . 49 . . . .

0 69,870 14,664 13,992 435 475 14,356 583 386 11,249 52,659

1 54,375 22,977 22,841 22,114 20,424 21,494 24,401 21,628 24,873 37,403

2 2,292 1,030 1,015 944 855 972 974 863 1,060 1,445

3 2,733 1,222 1,280 1,260 1,193 1,314 1,548 1,271 1,458 2,054

4 6,036 2,785 2,733 2,603 2,468 2,549 2,847 2,527 3,109 3,724

5 1,868 733 769 799 800 741 865 759 1,007 1,572

6 6,409 2,456 2,513 2,586 2,430 2,560 2,818 2,387 2,920 4,116

7 487 155 128 112 114 106 122 69 129 81

8 628 . . 177 141 144 . 150 1 232

^ . . . . . . . . . .

Total 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899 103,286

RCOW1\counts: 9503 9603 9703 9803 9903 0003 0103 0203 0303 0403

blank . . . . . . . . 87,602 86,437

- . . . . . . . . . .

0 37,429 32,550 32,613 32,307 33,932 33,550 38,009 38,524 . .

1 27,642 24,411 24,972 25,288 26,428 26,882 31,105 30,920 50,033 48,505

2 1,140 898 874 859 881 912 1,030 1,045 1,856 1,659

3 1,708 1,357 1,416 1,399 1,427 1,484 1,726 1,681 2,774 2,864

4 2,965 2,438 2,484 2,469 2,701 2,642 2,978 3,026 5,222 4,965

5 1,238 904 1,074 1,051 1,016 1,148 1,127 1,335 2,206 2,211

6 3,115 2,792 2,765 2,618 2,638 2,569 2,795 2,793 4,648 4,620

7 55 55 33 38 34 32 49 38 64 48

8 193 150 163 144 118 103 118 160 . .

^ . . . . . . . . . .

Total 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405 151,309

RCOW1\counts: 0503 0603 0703 0803 0903 1003 1103

blank 92,011 69,588 68,915 66,735 68,803 68,277 68,569

- . . . . . . .

0 . . . . . . .

1 51,404 48,787 48,366 47,268 47,805 47,310 46,209

2 1,857 1,675 1,672 1,721 1,679 1,885 1,876

3 3,093 2,873 3,015 2,856 2,873 2,985 2,907

4 5,286 4,607 4,734 4,717 4,761 4,632 4,291

5 2,455 2,238 2,344 2,278 2,302 2,175 2,028

6 5,081 4,645 4,620 4,420 4,371 4,151 4,124

7 70 50 76 60 35 53 57

8 . . . . . . .

^ . . . . . . .

Total 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**OTHER DEMOGRAPHIC VARIABLES**

**72. Veteran Status** **VTSTAT** [Analysis File](#VTSTAT_67) [Return to Index](#INDEX3_5)

**EDITS:** Simple, Invalid Entry

**DESCRIPTION:** Veteran period of service.

For CPS surveys from 2003 to 2006 there was one outcome variable defined for veteran status and NLMS uses that one. The variable, PEAFWHEN on the ASEC questionnaire, asked if the person was a veteran; the response codes applied identify the most recent war period associated with the response. For example, if the respondent said that they were a Vietnam War vet, they would have been assigned the response, Vietnam War. If the person indicated participation in several wars, e.g., WWI and WWII, the value of the variable VTSTAT would have been assigned to the code for the most recent war indicated, i.e., WWII. Beginning in 2006 an additional war category was available for response, Persian Gulf War. Thus, beginning in 2006 category 7, Persian Gulf/Afghanistan Wars, defines an additional category.

For CPS 2006 and later, responses were recorded across several CPS variables, PEAFWHN1, PEAFWHN2, PEAFWHN3, and PEAFWHN4 if there was an indication of a person being a veteran. The numerical aspect of these variable names is the veteran’s service period according to the order given by the respondent, when they identify several periods of service. For example, if the respondent said they served in WWII and the Vietnam War, the value of PEAFWHN1 would indicate WWII, the first period identified, and the response for PEAFWHN2 would indicate the Vietnam War, the second period identified. For this person’s responses, PEAFWHN3 and PEAFWHN4 would be left blank since only two war periods were identified. For NLMS purposes, the value assigned to the NLMS variable VTSTAT would be the most recent war period of service found across the four PEAWHEN variables. If no wars were identified then the closest previous war would be assigned.

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

blank — Female or unknown, or age less than or equal to 13

0 — Not in universe or missing (e.g. female or age less than or equal to 13)

1 — Vietnam era (8/64-7/90)

2 — Korean War (6/50-1/55)

3 — World War II (9/40-7/47)

4 — World War I (4/17-11/18)

5 — Other veteran (all other periods)

6 — Non-service

7 — Persian Gulf/Afghanistan Wars (8/90- )

^ — Age less than or equal to 13

**FREQUENCIES:**

VTSTAT\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 84,967 51,365 . 117,992 116,029 81,428 . 1 . .

0 . . 27,784 . . . 39,163 51,693 51,380 51,266

1 3,983 4,209 1,433 6,511 6,205 6,330 2,131 2,701 2,734 2,709

2 3,151 2,615 833 3,754 3,750 3,605 1,306 1,582 1,521 1,555

3 7,542 6,154 1,916 8,670 8,492 8,234 2,816 3,534 3,333 3,246

4 727 302 91 411 323 304 129 116 110 58

5 2,450 2,398 826 3,777 3,822 3,851 1,340 1,772 1,830 1,768

6 28,393 27,619 10,215 43,756 43,752 42,541 14,919 20,081 20,373 20,130

7 . . . . . . . . . .

^ . . . . . 31,472 . . . .

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

VTSTAT\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank . 31,073 . . . . . . . .

0 50,382 . 24,842 24,417 441 483 408 583 386 11,041

1 2,711 4,999 2,102 2,038 1,948 1,790 1,926 2,090 1,859 2,157

2 1,503 2,754 1,140 1,131 1,155 1,044 1,102 1,207 995 1,164

3 3,051 5,954 2,378 2,292 2,202 1,991 1,994 2,023 1,762 1,966

4 63 115 35 29 18 13 11 8 9 5

5 1,832 3,675 1,473 1,473 1,557 1,483 1,554 1,698 1,609 1,762

6 20,529 96,128 14,052 13,891 38,158 35,121 37,290 41,428 36,930 44,804

7 . . . . . . . . . .

^ . . . . . . . . . .

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

VTSTAT\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank . . . . . . . . . .

0 26,690 18,011 15,706 15,553 15,775 16,548 16,429 18,542 18,592 59,140

1 2,765 2,229 1,777 1,880 1,899 1,918 1,810 2,136 2,216 2,900

2 1,311 1,055 937 913 828 867 856 931 915 977

3 2,289 1,936 1,557 1,509 1,360 1,304 1,185 1,239 1,158 1,213

4 9 4 1 2 . . . . . .

5 2,893 2,178 1,869 1,952 1,895 1,866 1,936 2,237 2,196 3,610

6 67,329 50,072 43,708 44,585 44,416 46,672 47,106 53,852 54,445 86,565

7 . . . . . . . . . .

^ . . . . . . . . . .

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

VTSTAT\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank . . 43,612 42,956 40,960 41,689 40,708 40,298

0 58,578 61,431 . . . . . .

1 2,798 2,834 3,924 3,929 3,720 3,763 3,459 3,493

2 929 1,037 1,612 1,532 1,394 1,448 1,292 1,299

3 1,050 1,166 929 813 703 653 572 480

4 . . 15 6 14 9 9 6

5 3,430 3,797 . . . . . .

6 84,524 90,992 82,784 82,786 81,573 83,405 83,603 82,596

7 . . 1,587 1,720 1,691 1,662 1,825 1,889

^ . . . . . . . .

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061 **73. Migration** **MIGRAT** [Analysis File](#MIGRAT_68) [Return to Index](#INDEX3_5)

**EDITS:** Simple, Recode

**DESCRIPTION:** Description of the move for persons who have moved recently.

The determination of this variable is based on a composite of several CPS responses, one of which is the answer to "Were you living in this house on ?" For the March 1979 file this date was March 1, 1975, and for the March 1981 file the date was March 1, 1980. Thus, the time in residence for the March 1979 file was four years but for the March 1981 file the period was one year. During the era of the 1979 through 1985 surveys, the general strategy was to set the reference point for residence on the 1st day of the survey month for years divisible by 5. Thus, the reference year for the 1979 survey was 1975. For the 1981 through 1984 surveys the reference year was 1980, and for 1985 the reference year was 1985.

**NOT AVAILABLE:** 7303, 7802, 8014-8012, 8509

**CODES for files**: 7903, 8103–8503

00 — Missing

01 — Nonmovers

02 — Moved within an SMSA

03 — Moved between SMSAs

04 — Moved from a SMSA to a non SMSA

05 — Moved from a non SMSA to an SMSA

06 — Moved from a non SMSA to a non SMSA

07 — Moved from abroad to an SMSA

08 — Moved from abroad to a non SMSA

09 — Not in survey, children LE (file specific age)1

1 Children less than or equal to 13 years of age are assigned the same moving status as their mother. However, children who were born after the specific survey reference point for moving and before the survey was taken are classified as 9, not in the survey scope for this variable. This would mean that the children so classified would have specific ages less than 4 years of age for the 1979 file and less than 1 year of age for the 1981 file. For March surveys after 1981 the reference point was set at 1 year unless the year of the interview was divisible by 5. In this case the reference period was 5 years prior on March 1. Thus, for files 8203, 8303, and 8403 the year’s reference point is March 1 of the previous year. For the 8503, the reference point is March 1, 1980, implying a 5 year interval.

**FREQUENCIES:**

MIGRAT\counts: 7903 8103 8203 8303 8403 8503

00 . . 1 . . .

01 23,076 50,038 66,797 66,704 65,972 42,880

02 7,449 4,309 5,500 5,468 5,722 12,383

03 2,317 1,253 1,624 1,552 1,620 4,468

04 1,438 756 1,013 880 863 2,502

05 892 665 741 696 777 1,946

06 4,340 3,446 4,116 4,341 4,048 8,327

07 645 274 290 242 291 1,123

08 61 64 87 121 96 220

09 2,880 999 1,311 1,277 1,343 6,222

Total 43,098 61,804 81,480 81,281 80,732 80,071

**CODES for files**: 8603, 8703

01 — Nonmover

**Within SMSA:**

02 — Within central city

03 — Balance to balance

04 — Central city to balance

05 — Balance to central city

**Between SMSA:**

06 — Central city to central city

07 — Balance to balance

08 — Central city to balance

09 — Balance to central city

**Other:**

10 — Central city to non SMSA

11 — Balance to non SMSA

12 — Non SMSA to central city

13 — Non SMSA to balance

14 — Non SMSA to non SMSA

15 — Abroad to SMSA central city

16 — Abroad to balance SMSA

17 — Abroad to non SMSA

**FREQUENCIES:**

MIGRAT\counts: 8603 8703

01 38,358 37,739

02 1,429 1,359

03 1,356 1,433

04 558 523

05 336 324

06 326 313

07 500 488

08 346 309

09 226 272

10 186 161

11 231 180

12 203 235

13 235 287

14 1,590 1,526

15 63 72

16 66 38

17 13 12

Total 46,022 45,271

**CODES for files**: 8803–9903,0103-1103

00 — Missing, unknown

01 — Nonmover

**Within MSA:**

02 — Within same central city

03 — Between central cities

04 — Balance to balance

05 — Central city to balance

06 — Balance to central city

**Between MSAs (In 2005, area designation became CVSA):**

07 — Central city to central city

08 — Balance to balance

09 — Central city to balance

10 — Balance to central city

**Other:**

11 — Central city to outside MSAs

12 — Balance to outside MSA

13 — Outside MSAs to central cities

14 — Outside MSAs to balance of MSAs

15 — Outside MSAs at both dates

16 — Abroad to central cities

17 — Abroad to balance of MSAs

18 — Abroad to outside MSAs

19 — Not in universe (children under 1 yr old)

**FREQUENCIES:**

MIGRAT\counts: 8803 8903 9003 9103 9203 9303 9413 9503 9603 9703

00 . . . . . . . . . .

01 38,150 35,220 37,065 41,417 36,626 53,132 78,213 39,299 54,300 55,077

02 943 839 1,202 1,458 1,425 1,820 4,822 5,105 2,148 2,214

03 530 472 118 53 48 73 166 261 61 61

04 1,426 1,309 1,392 1,471 1,362 1,797 4,571 6,457 2,123 2,155

05 572 461 530 584 527 625 1,739 2,285 816 862

06 259 239 257 269 257 377 855 1,139 398 403

07 308 313 317 336 261 336 872 1,270 408 419

08 397 345 369 445 353 427 1,181 2,287 648 587

09 308 281 351 320 271 358 910 1,442 458 379

10 162 161 226 186 174 244 545 972 290 271

11 162 156 178 211 146 249 562 763 278 213

12 206 187 187 224 224 247 661 996 269 311

13 146 102 167 138 149 157 458 583 160 159

14 184 200 208 190 173 198 464 749 206 228

15 1,580 1,470 1,525 1,511 1,405 2,003 4,290 4,428 1,642 1,768

16 66 72 83 106 80 132 277 710 136 161

17 49 75 84 91 52 60 334 737 188 120

18 31 23 26 27 17 35 110 141 42 38

19 . . . . . 629 2,256 5,861 984 968

Total 45,479 41,925 44,285 49,037 43,550 62,899 103,286 75,485 65,555 66,394

MIGRAT\counts: 9803 9903 0103 0203 0303 0403 0503 0603 0703 0803

00 . . . . 22,184 22,047 23,959 6,620 6,764 5,485

01 55,118 57,947 67,923 67,733 108,306 107,193 114,866 106,240 106,458 106,529

02 2,197 2,217 1,797 2,104 4,103 3,863 4,047 4,185 4,064 3,631

03 60 73 83 73 151 176 300 400 329 332

04 2,036 2,064 1,838 1,968 4,541 4,164 4,205 4,507 4,225 3,685

05 624 749 756 757 1,530 1,454 1,543 1,630 1,621 1,339

06 385 398 347 402 715 644 756 900 906 688

07 396 502 407 401 884 852 933 804 709 571

08 595 679 598 649 1,321 1,200 1,105 944 754 641

09 405 488 465 520 1,012 1,067 1,003 798 612 570

10 288 332 269 313 625 641 739 542 461 508

11 233 244 219 257 520 524 449 404 364 331

12 322 235 226 309 567 552 578 448 462 316

13 149 191 356 404 727 432 372 317 354 238

14 296 226 429 424 949 553 535 421 342 347

15 1,815 1,524 1,701 1,806 3,626 3,289 2,946 2,748 2,782 2,317

16 115 185 210 157 265 266 441 305 274 314

17 170 152 188 158 275 303 298 236 236 184

18 35 30 50 36 92 80 94 74 50 57

19 934 939 1,075 1,051 2,012 2,009 2,088 1,940 1,975 1,972

Total 66,173 69,175 78,937 79,522 154,405 151,309 161,257 134,463 133,742 130,055

MIGRAT\counts: 0903 1003 1103

00 5,525 5,539 6,047

01 108,322 106,701 106,413

02 3,889 4,202 3,742

03 274 359 374

04 4,215 4,258 3,661

05 1,320 1,507 1,224

06 783 724 753

07 656 586 651

08 618 593 572

09 605 552 616

10 388 419 347

11 323 292 257

12 323 289 342

13 263 268 251

14 300 375 277

15 2,301 2,463 2,320

16 307 197 286

17 183 225 180

18 46 27 28

19 1,988 1,892 1,720

Total 132,629 131,468 130,061

**CODES for file**: 0003

blank — Not in survey, children LE (file specific age)

1 — Nonmovers

2 — Moved within an SMSA

3 — Moved from a SMSA to a non SMSA

4 — Moved from a non SMSA to an SMSA

5 — Moved from a non SMSA to a non SMSA

6 — Moved from abroad to an SMSA

7 — Moved from abroad to a non SMSA

8 — Not in survey, children LE (file specific age)

9 — Not in survey, children LE (file specific age)

**FREQUENCIES:**

MIGRAT\counts: 0003

blank 3,399

1 55,511

2 6,728

3 517

4 372

5 1,438

6 389

7 39

8 854

9 75

Total 69,322

**FAMILY INCOME AND POVERTY VARIABLES**

**74. Adjusted Income** **FMINC80** [Analysis File](#FMINC80_69) [Return to Index](#INDEX4_1)

**EDITS:** Simple, Recode

**DESCRIPTION:** For all March files, the value of FMINCOME, family income in unadjusted dollars, is inflated (deflated) to 1980 dollars and then each member of the family is assigned the appropriate category for the variable as indicated in the variable description below. For cohorts with categorical values of income (February 78; April, Au­gust, and December 1980; September 1985), included in the original set of NLMS cohorts, the value of fminc80 was set equal to the originally carried variable, previously called ADJINC.

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

blank — Unknown or missing income

- — Negative income

1 — $ 0 – $ 4,999

2 — $ 5,000 – $ 9,999

3 — $10,000 – $14,999

4 — $15,000 – $19,999

5 — $20,000 – $24,999

6 — $25,000 – $49,999

7 — $50,000 plus

9 — Unknown or missing income

**FREQUENCIES:**

FMINC80\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank . . . . . . . . . .

- 263 . . . . . . . . .

1 8,480 8,437 3,187 17,508 17,667 16,524 5,171 7,505 7,945 8,474

2 14,616 13,132 5,655 26,916 26,768 26,864 8,114 11,785 11,716 11,411

3 16,197 15,512 6,025 29,972 30,503 30,154 8,599 11,782 12,011 11,472

4 18,647 10,920 5,654 26,024 24,670 23,545 8,383 11,416 11,565 11,016

5 18,382 13,762 5,543 25,649 25,069 23,829 8,161 10,017 10,392 9,727

6 45,302 22,637 14,144 38,448 34,622 34,730 19,362 24,178 22,496 23,258

7 9,324 1,877 2,888 6,878 6,809 6,816 4,014 4,795 5,154 5,366

9 2 8,385 2 13,476 16,265 15,303 . 2 2 8

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

FMINC80\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank . . . . . . . . . .

- . . 139 121 62 88 45 69 53 92

1 7,268 19,826 4,295 4,114 3,994 3,745 3,878 4,198 4,077 6,477

2 10,738 17,621 6,270 5,859 5,674 5,593 5,839 6,476 6,065 8,551

3 10,561 24,056 6,198 5,817 6,215 5,543 5,741 6,522 6,171 8,439

4 10,367 14,788 5,918 5,601 5,840 5,184 5,550 6,212 5,729 7,611

5 9,346 25,097 5,506 5,270 5,233 4,839 5,097 5,622 4,777 7,022

6 25,145 31,362 14,084 14,311 14,326 12,897 13,843 15,165 12,909 19,053

7 6,641 4,636 3,611 4,169 4,129 4,029 4,288 4,768 3,764 5,623

9 5 7,312 1 9 6 7 4 5 5 31

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

FMINC80\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank . . . . . . . . . 22,184

- 174 136 10 4 80 86 57 70 83 149

1 13,554 8,556 7,466 7,380 7,123 6,789 6,355 6,841 7,064 12,313

2 16,268 10,854 9,604 9,577 9,095 9,672 9,609 10,870 10,718 16,869

3 14,719 10,152 8,821 9,152 8,729 9,421 9,508 10,605 10,954 17,214

4 12,772 8,922 8,217 8,012 8,034 8,313 8,217 9,489 9,698 14,750

5 10,141 7,853 7,122 6,904 6,937 7,146 7,330 8,446 8,146 13,950

6 27,026 21,602 18,222 18,705 19,209 20,077 20,258 23,567 23,717 40,372

7 8,622 7,409 6,086 6,652 6,960 7,669 7,973 9,029 9,138 16,596

9 10 1 7 8 6 2 15 20 4 8

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

FMINC80\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank 22,047 23,959 6,620 6,764 5,485 5,525 5,539 6,047

- 122 169 155 55 76 50 131 59

1 12,391 13,528 12,553 12,029 12,407 12,488 13,798 14,173

2 15,973 17,764 16,269 16,246 16,269 16,296 17,110 17,342

3 16,813 18,089 16,668 15,803 15,107 15,682 15,448 15,955

4 15,153 15,134 14,262 15,087 14,414 14,442 14,591 13,691

5 13,053 14,362 13,538 12,509 12,163 12,314 12,589 12,017

6 39,642 41,898 38,083 38,041 38,016 38,419 35,906 35,221

7 16,096 16,341 16,306 17,204 16,106 17,407 16,351 15,552

9 19 13 9 4 12 6 5 4

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**75. Family Income in Dollars** **FMINCOME** [Return to Index](#INDEX4_1)

**EDITS:** None

**DESCRIPTION:** Family income as given on the file. This variable is a continuous measure of income for all March files. Every member of the family is assigned this value, one value for the family, for income. The variable is computed by adding together all the income for each member of the family using the variable, FTOTVAL, and then assigning to each member of the family, the total value determined for family income.

For files that do not have a continuous income value (February 78; April, August, and December 1980; September 1985), each member of the family is assigned the median value of the income category identified for the family on the master file.

For all March files, the income requested at the time of the survey is the income for the previous calendar year. For example, the income collected on the March 1988 Supplement, i.e. the 8803 cohort, is the income for the calendar year 1987. This income is collected according to categories of income such as, dividends, wages, etc. for each member of the family, and then these income categories are combined for all members of the family to determine the value for the CPS variable FTOTVAL.

For non March files, including (February 78; April, August, and December 1980; September 1985), the income requested is the income for the family, according to the head of household, for the prior 4 months by rotation collected with this estimate expanded to give a full year value. This full year value is then categorized according to the income levels identified for the variable. Thus for the purposes of adjusting income for inflation, the assumption was made that the income for all March files was earned for the year prior to the given survey year. For the non-March files, the income is assumed to have been earned during the year of the survey.

**76. Family Income Category** **FMINC90** [Analysis File](#FMINC90_71) [Return to Index](#INDEX4_1)

**EDITS:** Simple

**DESCRIPTION:** For all March files the value of DOLINC90 for the family, FMINCOME inflated to 1990 dollars is assigned a category as indicated below. The determined category is then assigned to each member of the family. For files with categorical values of income (February 78; April, August, and December 1980; September 1985), the median value of the category of income is inflated by the appropriate CPI value and then assigned to the appropriate category of FMINC90.

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

blank — Income missing or unknown

-$ — Negative income

00 — Income missing or unknown

01 — $ 0 – $ 4,999

02 — $ 5,000 – $ 7,499

03 — $ 7,499 – $ 9,999

04 — $10,000 – $12,499

05 — $12,500 – $14,999

06 — $15,000 – $19,999

07 — $20,000 – $24,999

08 — $25,000 – $29,999

09 — $30,000 – $34,999

10 — $35,000 – $39,999

11 — $40,000 – $49,999

12 — $50,000 – $59,999

13 — $60,000 – $74,999

14 — $75,000 plus

**FREQUENCIES:**

FMINC90\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank . . . . . . . . . .

-$ 263 . . . . . . . . .

00 10 8,385 . 13,476 16,265 15,303 2 23 50 16

01 3,830 4,858 1,462 6,745 6,998 6,447 2,434 3,265 3,821 3,942

02 3,972 3,579 1,450 10,763 10,669 10,077 2,383 3,664 3,504 3,638

03 4,412 3,563 1,662 5,876 6,088 5,766 2,572 3,399 3,643 3,800

04 4,366 3,939 1,831 8,460 8,311 8,535 2,470 3,538 3,608 3,308

05 4,674 5,630 1,830 12,580 12,369 12,563 2,630 4,077 3,935 3,816

06 10,123 7,987 3,633 12,112 12,279 12,137 5,712 7,380 7,302 7,312

07 10,934 7,525 3,921 17,860 18,224 18,017 5,187 7,510 7,571 7,272

08 11,016 10,920 3,338 26,024 24,670 23,545 5,227 6,852 7,608 6,687

09 12,576 . 3,854 . . . 5,307 6,936 6,708 6,781

10 10,997 13,762 3,251 25,649 25,069 23,829 5,150 6,202 6,219 5,920

11 19,097 10,884 5,827 . . . 7,937 9,895 9,558 9,379

12 12,788 . 3,999 38,448 34,622 34,730 5,375 7,065 6,481 6,608

13 10,889 11,753 3,527 . . . 4,620 5,854 5,292 5,883

14 11,266 1,877 3,513 6,878 6,809 6,816 4,798 5,820 5,981 6,370

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

FMINC90\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank . . . . . . . . . .

-$ . . 139 121 62 88 45 69 53 92

00 8 7,312 7 3 12 4 5 . 3 7

01 3,249 11,120 2,046 1,896 1,916 1,703 1,863 2,052 2,073 3,387

02 3,352 . 1,870 1,934 1,784 1,717 1,715 1,854 1,647 2,652

03 3,300 8,706 2,034 1,720 1,795 1,727 1,734 1,804 1,908 2,624

04 3,204 7,890 1,805 1,842 1,672 1,717 1,808 2,204 1,976 2,738

05 3,610 9,731 2,052 1,870 1,899 1,856 1,993 1,988 1,928 2,740

06 6,787 8,157 3,995 3,873 3,906 3,615 3,517 4,034 3,859 5,271

07 6,745 15,899 4,005 3,600 3,789 3,326 3,650 4,252 4,010 5,164

08 6,394 14,788 3,553 3,513 3,820 3,398 3,497 3,791 3,572 4,981

09 6,283 12,530 3,561 3,406 3,451 3,096 3,427 3,676 3,030 4,383

10 5,776 12,567 3,502 3,227 3,103 2,985 3,052 3,561 2,993 4,364

11 9,446 9,483 5,370 5,583 5,365 4,889 5,339 5,635 4,894 7,426

12 7,331 11,172 3,962 3,957 3,915 3,564 3,946 4,330 3,777 5,366

13 6,608 10,707 3,840 3,938 4,059 3,563 3,674 4,161 3,412 5,195

14 7,978 4,636 4,281 4,788 4,931 4,677 5,020 5,626 4,415 6,509

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

FMINC90\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank . . . . . . . . . 22,184

-$ 174 136 10 4 80 86 57 70 83 149

00 17 13 9 25 11 10 18 32 4 8

01 7,597 4,779 4,175 4,173 3,999 3,645 3,464 3,616 3,723 7,256

02 5,166 3,281 2,838 2,781 2,692 2,529 2,287 2,811 2,880 4,227

03 5,346 3,454 2,933 2,971 2,907 3,049 3,059 3,158 3,000 5,122

04 4,856 3,432 3,000 3,156 2,950 3,072 2,943 3,353 3,629 5,226

05 5,150 3,528 3,148 2,969 2,785 2,971 3,097 3,726 3,495 5,791

06 9,691 6,406 5,722 5,748 5,564 6,106 6,104 6,700 6,629 10,703

07 8,582 6,176 5,447 5,724 5,387 5,719 5,742 6,289 6,847 10,723

08 8,363 5,536 5,085 5,044 5,038 5,281 5,285 6,369 6,288 9,462

09 6,958 5,245 4,772 4,571 4,797 4,701 5,023 5,412 5,347 8,493

10 6,229 4,989 4,352 4,112 4,089 4,526 4,238 5,237 5,189 8,722

11 10,526 8,122 7,190 7,134 7,219 7,371 7,467 8,672 8,272 14,160

12 7,692 6,125 5,242 5,548 5,415 5,715 5,624 6,804 6,898 11,707

13 7,071 5,886 4,700 4,879 5,275 5,597 5,638 6,341 6,851 11,664

14 9,868 8,377 6,932 7,555 7,965 8,797 9,276 10,347 10,387 18,808

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

FMINC90\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank 22,047 23,959 6,620 6,764 5,485 5,525 5,539 6,047

-$ 122 169 155 55 76 50 131 59

00 10 9 7 3 3 14 24 12

01 7,379 7,943 7,383 6,868 7,121 7,161 7,939 8,471

02 4,205 4,920 4,209 4,105 4,424 4,544 4,947 4,765

03 4,891 5,086 5,146 4,991 4,834 4,691 4,909 5,473

04 5,230 5,571 5,040 4,511 5,152 5,312 5,657 5,442

05 5,070 5,968 5,468 5,342 4,626 4,766 5,803 5,591

06 10,461 10,738 10,620 10,806 10,559 10,456 10,201 9,993

07 10,518 11,488 9,745 9,601 9,806 10,119 9,654 9,785

08 9,495 9,567 9,390 9,441 8,069 8,175 9,095 8,916

09 8,974 9,720 8,439 8,827 8,491 8,603 8,003 8,362

10 7,556 8,251 8,251 7,623 7,656 7,799 7,728 6,740

11 14,499 15,169 13,790 13,211 13,667 13,318 12,665 12,786

12 10,776 11,774 10,553 10,491 9,989 10,818 9,831 10,010

13 11,777 12,293 11,234 11,480 11,773 11,606 10,716 10,022

14 18,299 18,632 18,413 19,623 18,324 19,672 18,626 17,587

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**77. Family Income Category** **FINC8090** [Analysis File](#FINC8090_72) [Return to Index](#INDEX4_1)

**EDITS:** Invalid Entry, Recode

**DESCRIPTION:** The categories used historically for adjusted income by the NLMS based on 1980 dollars were inflated to 1990 dollars. Then, for all March files, the value of FMINCOME is inflated to 1990 dollars, DOLINC90. Each member of the family was then assigned to the appropriate category as identified for the inflated 1980 to 1990 categories. For files with categorical values of income (February 78; April, August, and December 1980; September 1985), the median value of the category determined at the time of the survey was inflated by the appropriate CPI value and then assigned to the resulting category of FMINC90. For files in the NLMS from the original study, cohorts 7303 chronologically through 8509, the FINC8090 category breakdown is the same as the original 1980-dollar assignment.

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

blank — Unknown or missing income

– — Negative income

1 — $ 0 – $ 7,999

2 — $ 8,000 – $15,999

3 — $16,000 – $23,999

4 — $24,000 – $31,999

5 — $32,000 – $39,999

6 — $40,000 – $79,999

7 — $80,000 plus

9 — unknown or missing income

**FREQUENCIES:**

FINC8090\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank . . . . . . . . . .

- 263 . . . . . . . . .

1 8,561 8,437 3,211 17,508 17,667 16,524 5,336 7,587 8,042 8,586

2 14,838 13,132 5,707 26,916 26,768 26,864 8,344 11,876 11,833 11,479

3 16,182 15,512 6,040 29,972 30,503 30,154 8,759 11,895 12,036 11,571

4 19,075 10,920 5,692 26,024 24,670 23,545 8,374 11,465 11,714 10,996

5 18,250 13,762 5,582 25,649 25,069 23,829 8,256 10,002 10,343 9,860

6 44,983 22,637 14,042 38,448 34,622 34,730 18,880 23,982 22,307 23,040

7 9,061 1,877 2,824 6,878 6,809 6,816 3,850 4,652 5,005 5,200

9 . 8,385 . 13,476 16,265 15,303 5 21 1 .

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

FINC8090\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank . . . . . . . . . .

- . . 139 121 62 88 45 69 53 92

1 7,356 19,826 4,359 4,158 4,037 3,810 3,918 4,237 4,119 6,526

2 10,807 17,621 6,320 5,907 5,708 5,617 5,902 6,515 6,121 8,623

3 10,714 24,056 6,217 6,009 6,243 5,575 5,736 6,566 6,352 8,493

4 10,333 14,788 5,994 5,483 5,878 5,185 5,596 6,212 5,604 7,661

5 9,491 25,097 5,538 5,326 5,275 4,954 5,108 5,686 4,802 7,004

6 24,894 31,362 13,953 14,189 14,242 12,738 13,787 15,107 12,814 18,987

7 6,469 4,636 3,500 4,078 4,031 3,955 4,192 4,645 3,684 5,509

9 7 7,312 2 . 3 3 1 . 1 4

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

FINC8090\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank . . . . . . . . . 22,184

- 174 136 10 4 80 86 57 70 83 149

1 13,716 8,763 7,528 7,470 7,163 6,868 6,423 6,937 7,208 12,402

2 16,300 11,035 9,686 9,626 9,187 9,683 9,814 10,951 10,954 17,007

3 14,823 10,118 9,006 9,272 8,786 9,516 9,419 10,675 10,926 17,332

4 12,817 8,958 8,081 7,934 8,092 8,293 8,478 9,653 9,614 15,329

5 10,291 7,956 7,172 6,961 6,986 7,243 7,111 8,464 8,329 13,662

6 26,722 21,304 18,152 18,611 19,053 19,984 20,237 23,322 23,484 40,049

7 8,438 7,212 5,914 6,499 6,819 7,498 7,768 8,845 8,924 16,290

9 5 3 6 17 7 4 15 20 . 1

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

FINC8090\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank 22,047 23,959 6,620 6,764 5,485 5,525 5,539 6,047

- 122 169 155 55 76 50 131 59

1 12,543 13,617 12,664 12,138 12,574 12,580 13,862 14,272

2 16,409 17,861 16,366 16,320 16,258 16,374 17,268 17,471

3 16,452 18,169 16,981 16,161 15,294 15,736 16,401 16,134

4 15,530 15,265 14,277 14,992 14,380 14,583 13,973 14,039

5 12,853 14,345 13,401 12,506 12,228 12,364 12,445 11,621

6 39,634 41,828 38,040 37,897 37,946 38,391 35,772 35,175

7 15,717 16,040 15,950 16,908 15,807 17,024 16,072 15,234

9 2 4 9 1 7 2 5 9

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**78. Adjusted Income in 1990 Dollars** **DOLINC90** [Return to Index](#INDEX4_1)

**EDITS:** None

**DESCRIPTION:** Dollar amount of family income obtained from the master file vari­able FMINCOME is adjusted to 1990 dollars using the consumer price index. Every member of the family is assigned the same DOLINC90 value for income. The value is computed by adding together the income for each member of the family using the variable, FTOTVAL, adjusting this total dollar value for the family to a 1990 dollar value using the consumer price index\*, then assigning this computed 1990 dollar value to each member of the family. For the February 78; April, August, and December 1980; and September 1985 files, which don't have an actual dollar value but consist of a categori­cal income indicator, each member of the family is assigned the CPI adjusted median value of the income category determined.

**NOTE:** The CPI value used to adjust each FTOTVAL amount for inflation for a given cohort depends on the year for which the income for the cohort is determined. A complete description of the determination of the basis of the family income for each cohort is given in the documentation for the variable FMINCOME.

**79. Percent of Poverty Level** **POVPCT90** [Analysis File](#POVPCT90_74) [Return to Index](#INDEX4_1)

**EDITS:** Simple

**DESCRIPTION:** The variable POVPCT90 is defined by taking the DOLINC90 variable value and comparing it to the 1990 defined poverty level. A categorical variable value is assigned according to the category of percent of poverty level as indicated below. Family size and number of children in the family determine the poverty threshold level.

**NOTE:** POVPCT90 is not determined for the 7802 and 8024 files.

The 7802 file does not contain records for a full family. Children under 14 are not included on this file. Also, records do not contain a variable that in any way describes the number per­sons in the family. Therefore, for lack of informa­tion, the variable POVPCT90 can’t be calculated with any cer­tainty from these data and POVPCT90 is declared missing for all records of the file.

**POVPCT90 determination on non-March files:**

The core income variable on non-March files is generally a 14 level categorical variable. These files do not contain an exact dollar value for family income. Therefore, the calculation of POVPCT90 is made using the original categorical variable and assigning income according to the median value of each category. Since the category of highest income is a capped value at $75,000 the median value of $100,000 is arbitrarily assigned to families assigned the highest income category.

**Definition of the 1990 poverty threshold:**

The following table gives the threshold for the definition of poverty level for the year 1990. The threshold value depends on size of family unit and number of children less than 18 years of age under the care of the head of household. The determination of POVPCT90 is made by taking the variable DOLINC90 for each family member and comparing this value to the entry below for the number of persons in the family and the number of children in the family who are under 18 years of age. For files created before 1988, the number of children under 18 years of age in the family is determined directly from the file by examining the record of each family member and counting the number of children under 18 years of age with the required relationship to the survey reference person. For files 1988 and later, the master file variable, “fmrelu18,” giving the number of children under 18 in the family, was used. This variable was determined for the specific purpose of identifying the poverty threshold for the Income Poverty Branch (IPB) of HHES, the official U.S. Census Bureau group responsible for poverty determinations. Using this variable should lead to the exact threshold that would have been determined by the IPB for the cohort.

Poverty Thresholds for 1990 by Size of Family and Number of Related Children Under 18 Years (Dollars)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Size of Family Unit** | **Weighted Average Threshold** | **Related children under 18 years** | | | | | | | | |
| **None** | **One** | **Two** | **Three** | **Four** | **Five** | **Six** | **Seven** | **Eight or More** |
| One person (unrelated individual) | $ 6,652 |  |  |  |  |  |  |  |  |  |
| Under 65 years | 6,800 | 6,800 |  |  |  |  |  |  |  |  |
| 65 years and over | 6,268 | 6,268 |  |  |  |  |  |  |  |  |
| Two persons | 8,509 |  |  |  |  |  |  |  |  |  |
| Householder under 65 years | 8,794 | 8,752 | 9,009 |  |  |  |  |  |  |  |
| Householder 65 years and over | 7,905 | 7,900 | 8,975 |  |  |  |  |  |  |  |
| Three persons | 10,419 | 10,223 | 10,520 | 10,530 |  |  |  |  |  |  |
| Four persons | 13,359 | 13,481 | 13,701 | 13,254 | 13,301 |  |  |  |  |  |
| Five persons | 15,792 | 16,257 | 16,494 | 15,989 | 15,598 | 15,359 |  |  |  |  |
| Six persons | 17,839 | 18,693 | 18,773 | 18,386 | 18,015 | 17,464 | 17,137 |  |  |  |
| Seven persons | 20,241 | 21,515 | 21,650 | 21,187 | 20,864 | 20,262 | 19,561 | 18,791 |  |  |
| Eight persons | 22,582 | 24,063 | 24,276 | 23,839 | 23,456 | 22,913 | 22,223 | 21,505 | 21,323 |  |
| Nine persons or more | 26,848 | 28,946 | 29,087 | 28,700 | 28,375 | 27,842 | 27,108 | 26,445 | 26,280 | 25,268 |
|  |  |  |  |  |  |  |  |  |  |  |

Source: [U.S. Census Bureau](http://www.census.gov/hhes/www/poverty/data/threshld/thresh90.html)

**NOT AVAILABLE:** 7802, 8024

**CODES for files:** 7303, 7903, 8014, 8008-1103

blank — Missing value, no response

00 — Missing value, no response

01 — < - 50% of the poverty level

02 — > than 50% of the poverty level, but <= 75% of the poverty level

03 — > than 75% of the poverty level, but <= 100% of the poverty level

04 — > than 100% of the poverty level, but <= 125% of the poverty level

05 — > than 125% of the poverty level, but <= 150% of the poverty level

06 — > than 150% of the poverty level, but <= 175% of the poverty level

07 — > than 175% of the poverty level, but <= 200% of the poverty level

08 — > than 200% of the poverty level, but <= 225% of the poverty level

09 — > than 225% of the poverty level, but <= 250% of the poverty level

10 — > than 250% of the poverty level, but <= 275% of the poverty level

11 — > than 275% of the poverty level, but <= 300% of the poverty level

12 — > than 300% of the poverty level, but <= 325% of the poverty level

13 — > than 325% of the poverty level, but <= 350% of the poverty level

14 — > than 350% of the poverty level, but <= 375% of the poverty level

15 — > than 375% of the poverty level, but <= 400% of the poverty level

16 — > than 400% of the poverty level, but <= 450% of the poverty level

17 — > than 450% of the poverty level, but <= 500% of the poverty level

18 — > than 500% of the poverty level, but <= 550% of the poverty level

19 — > than 550% of the poverty level, but <= 600% of the poverty level

20 — > than 600% of the poverty level, but <= 700% of the poverty level

21 — > than 700% of the poverty level

**FREQUENCIES:**

POVPCT90\counts: 7303 7903 8014 8008 8012 8103 8203 8303 8403 8503

00 . . . . . . . . . .

01 4,617 1,704 10,939 10,919 10,305 2,792 3,966 4,485 4,952 4,076

02 4,390 1,718 7,072 7,512 7,542 2,609 3,852 3,973 3,845 3,288

03 6,168 2,204 10,535 11,309 10,435 2,890 4,489 4,210 4,246 3,909

04 6,555 2,396 8,394 8,437 8,461 3,142 4,315 4,738 4,258 4,078

05 6,849 2,346 12,986 12,634 12,810 3,429 4,802 4,553 4,423 4,000

06 7,350 2,509 14,407 13,908 14,168 3,316 4,643 4,875 4,449 4,065

07 7,289 2,292 6,538 6,562 6,546 3,317 4,790 4,680 4,535 4,136

08 8,056 2,533 16,353 15,719 15,363 3,339 4,550 4,851 4,341 4,195

09 8,052 2,668 6,529 7,551 6,260 3,693 4,725 4,356 4,427 4,124

10 7,572 2,344 11,923 11,002 10,902 3,482 4,286 4,154 3,956 3,892

11 7,378 2,118 12,325 12,236 12,121 3,226 4,060 4,092 4,045 3,842

12 6,747 2,051 6,081 5,952 5,600 2,930 3,677 3,699 3,392 3,448

13 5,878 1,833 6,030 5,346 5,210 2,684 3,516 3,254 3,294 3,409

14 5,651 1,747 8,784 8,199 7,885 2,336 2,752 2,929 2,910 2,934

15 4,464 1,788 2,517 3,218 2,754 2,212 2,722 2,676 2,690 2,695

16 8,117 2,514 16,587 15,873 15,644 3,720 4,753 4,291 4,203 4,696

17 5,940 1,818 2,683 2,932 2,929 3,127 3,628 3,456 3,751 4,073

18 4,542 1,478 9,046 8,365 8,221 2,195 2,737 2,781 2,838 2,880

19 3,359 1,121 1,538 1,804 1,633 1,810 2,134 1,924 2,242 2,490

20 4,645 1,521 8,636 7,860 7,942 2,054 2,638 2,891 2,949 3,528

21 7,594 2,395 4,968 5,035 5,034 3,501 4,445 4,413 4,986 6,313

Total 131,213 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732 80,071

POVPCT90\counts: 8509 8603 8703 8803 8903 9003 9103 9203 9303 9413

00 . . . . . . . . . .

01 11,927 1,846 1,831 1,921 1,743 1,920 2,127 1,894 3,664 8,736

02 4,403 1,550 1,330 1,307 1,229 1,220 1,416 1,358 2,170 5,213

03 5,950 1,945 1,855 1,629 1,607 1,696 1,871 1,680 2,593 5,265

04 6,651 1,973 1,917 1,920 1,791 1,752 1,913 1,844 3,014 5,613

05 11,060 2,064 1,888 1,876 1,832 1,895 2,043 1,991 2,877 5,128

06 10,569 2,145 1,989 1,910 1,800 2,053 2,235 2,122 2,783 5,446

07 5,010 2,304 2,124 2,087 2,031 1,992 2,310 2,144 3,073 5,163

08 11,995 2,347 2,106 2,273 1,962 2,095 2,313 2,146 3,126 5,045

09 6,859 2,285 2,186 2,073 1,945 2,073 2,355 2,073 2,979 4,972

10 7,582 2,315 2,031 2,234 1,895 2,007 2,191 2,076 2,922 4,592

11 8,059 2,163 2,171 2,074 1,846 1,961 2,299 2,096 2,909 4,233

12 5,636 2,071 1,971 2,007 1,830 2,039 2,053 1,910 2,797 3,952

13 5,857 1,870 1,859 2,031 1,757 1,842 2,025 1,775 2,494 3,891

14 6,496 1,790 1,839 1,794 1,566 1,801 1,861 1,798 2,430 3,521

15 1,618 1,665 1,630 1,642 1,606 1,608 1,853 1,491 2,288 3,093

16 11,041 3,075 3,005 3,086 2,769 2,811 3,215 2,890 4,012 5,659

17 3,076 2,544 2,517 2,452 2,363 2,346 2,662 2,256 3,165 4,052

18 7,811 1,850 2,095 1,982 1,890 2,016 2,258 1,875 2,601 3,703

19 1,459 1,669 1,655 1,758 1,514 1,721 1,857 1,477 2,016 2,822

20 5,898 2,220 2,510 2,496 2,235 2,482 2,591 2,116 3,073 4,239

21 5,741 4,331 4,762 4,927 4,714 4,955 5,589 4,538 5,913 8,948

Total 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899 103,286

POVPCT90\counts: 9503 9603 9703 9803 9903 0003 0103 0203 0303 0403

00 . . . . . . . . 37,960 24,172

01 5,428 4,770 4,595 4,527 3,918 3,473 3,689 3,854 4,889 5,289

02 3,120 2,700 2,524 2,485 2,556 2,614 2,614 2,566 4,277 4,508

03 3,404 2,981 3,119 2,943 3,330 3,141 3,558 3,508 5,101 5,529

04 3,575 3,050 3,275 3,024 3,207 3,482 3,776 3,771 5,589 6,075

05 3,615 3,308 3,299 3,041 3,432 3,600 3,831 4,079 5,856 6,328

06 3,796 3,214 3,383 3,141 3,290 3,764 3,967 4,107 5,882 6,354

07 3,725 3,189 3,275 3,337 3,505 3,334 3,823 3,780 5,587 6,522

08 3,620 3,189 3,246 3,042 3,502 3,414 3,847 3,935 5,743 6,405

09 3,437 3,124 2,981 2,928 3,236 3,224 3,801 3,626 5,398 5,918

10 3,437 3,064 2,801 2,920 3,048 3,002 3,341 3,210 5,149 5,746

11 3,166 2,711 2,872 3,010 2,822 2,785 3,576 3,270 5,036 5,585

12 2,982 2,876 2,778 2,716 2,677 2,394 3,136 3,199 4,902 5,170

13 2,870 2,610 2,541 2,442 2,490 2,553 2,976 3,096 4,399 4,818

14 2,730 2,423 2,304 2,454 2,288 2,428 2,885 2,698 4,174 4,405

15 2,437 1,992 2,083 2,273 2,326 2,037 2,370 2,528 3,960 4,513

16 4,299 3,726 3,732 3,753 3,966 3,975 4,627 4,612 6,982 7,621

17 3,700 2,941 3,092 3,060 3,160 3,231 3,951 4,092 5,476 6,199

18 2,791 2,519 2,351 2,437 2,637 2,697 3,004 3,046 5,132 4,968

19 2,127 1,896 2,095 2,122 2,239 2,340 2,733 2,702 4,093 4,091

20 3,540 2,880 3,077 3,161 3,388 3,230 3,498 3,888 5,758 6,259

21 7,686 6,392 6,971 7,357 8,158 8,604 9,934 9,955 13,062 14,834

Total 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405 151,309

POVPCT90\counts: 0503 0603 0703 0803 0903 1003 1103

00 26,396 9,000 21,619 19,746 7,857 8,244 8,662

01 5,676 5,191 4,501 4,613 5,020 5,744 6,130

02 5,027 4,491 4,050 3,974 4,437 4,838 5,315

03 6,086 5,511 4,787 5,123 5,479 5,991 5,970

04 6,250 6,219 5,257 5,338 5,951 5,695 6,155

05 6,871 6,243 5,314 5,519 6,118 6,432 6,086

06 6,987 6,128 5,644 5,135 6,118 6,160 5,856

07 6,787 6,339 5,495 5,306 5,743 6,276 6,320

08 6,464 6,275 5,590 5,123 5,616 5,706 6,072

09 6,524 5,903 5,410 4,809 5,835 5,859 5,448

10 6,578 5,644 4,559 5,134 5,505 5,226 5,189

11 5,677 5,494 5,037 4,757 5,376 5,156 5,069

12 5,728 5,043 4,593 4,373 5,172 4,832 4,630

13 5,212 4,727 4,012 4,346 4,638 4,560 4,322

14 4,690 4,612 4,122 4,018 4,345 4,035 4,157

15 4,549 3,960 3,584 3,667 4,012 4,053 3,913

16 7,888 7,505 6,528 6,548 7,351 6,767 6,709

17 6,719 6,172 5,584 5,416 6,172 6,073 5,632

18 5,400 5,049 4,659 4,513 5,180 4,916 4,640

19 4,419 4,003 3,798 3,737 4,474 4,034 3,945

20 6,491 6,181 5,576 5,497 6,488 6,037 5,730

21 14,838 14,773 14,023 13,363 15,742 14,834 14,111

Total 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**HOUSEHOLD CHARACTERISTICS VARIABLES**

**80. Number in Household** **HHNUM** [Analysis File](#HHNUM_75) [Return to Index](#INDEX4_2)

**EDITS:** Simple

**DESCRIPTION:** Number of persons in the household.

**NOTE 1:** For files 7303, 7802, 8014, 8008, and 8012, HHNUM is computed from within the NLMS file. It is defined to be the number of persons on the file having the same PSU, SEGMENT, and SERIAL NUMBER. For files 7903, 8024, and 8103- 8503, and 8024, household size is taken directly from the original CPS record.

**NOTE 2:** Computations for 7802 file are based on the contents of the file which does not contain children. Therefore, number in household does not count the household size correctly for a majority of records on file. WARNING: DO NOT USE THE 7802 FILE for studies involving HHNUM.

**AVAILABLE FILES:** All files

**CODES for files:** 7303, 8014, 8008, 8012

01-24 — Number of persons

**FREQUENCIES:**

HHNUM\counts: 7303 8014 8008 8012

01 8,592 15,221 15,002 14,451

02 26,372 42,100 42,068 40,526

03 22,734 35,136 33,765 32,922

04 27,472 41,902 41,808 40,784

05 20,245 25,630 25,840 24,790

06 12,408 13,050 12,624 12,438

07 6,594 6,013 5,495 5,880

08 3,064 2,816 2,872 2,888

09 1,566 1,575 1,260 1,494

10 940 790 750 710

11 594 407 385 418

12 360 132 228 300

13 130 39 117 104

14 112 28 42 14

15 30 15 45 30

16 . . 48 16

17 . 17 . .

24 . . 24 .

Total 131,213 184,871 182,373 177,765

**CODES for file:** 8024

00 — Group quarters

01-26 — Number of persons

29 — Group quarters

85 — Group quarters

**FREQUENCIES:**

HHNUM\counts: 8024

00 4,685

01 12,918

02 33,631

03 23,153

04 22,879

05 13,630

06 6,944

07 3,651

08 1,283

09 750

10 375

11 219

12 123

13 37

14 56

15 6

29 2

85 3

Total 124,345

**CODES for files:** 7802, 7903, 8103-1103

00 — Unknown

1-26 — Number of persons

**FREQUENCIES:**

HHNUM\counts: 7802 7903 8103 8203 8303 8403 8503 8509 8603 8703

blank . . . . . . . . . .

00 . . . 1 . . . . . .

01 11,030 3,093 5,188 6,607 6,575 6,719 6,860 12,997 5,547 5,387

02 42,974 9,047 14,177 18,421 18,324 18,315 18,467 34,358 13,782 13,752

03 17,658 7,873 11,865 15,550 15,780 15,879 15,744 28,581 9,435 9,170

04 13,332 9,592 13,947 18,755 19,076 19,104 19,036 34,788 9,328 9,194

05 6,120 6,429 8,605 11,225 11,472 11,000 11,115 19,499 4,734 4,605

06 2,478 3,432 4,486 5,796 5,484 5,340 4,860 8,035 1,879 1,874

07 784 1,974 1,777 2,708 2,415 2,317 2,086 3,354 721 690

08 232 848 898 1,208 1,096 1,008 904 1,604 280 303

09 54 369 460 549 621 405 450 634 149 143

10 . 130 218 300 250 330 230 503 81 94

11 . 198 88 154 110 154 132 179 40 23

12 . 72 67 96 24 24 36 100 19 9

13 . 26 . 52 26 39 91 51 12 13

14 . . 28 42 28 28 14 . 6 11

15 . 15 . . . 30 30 15 . .

16 . . . 16 . 16 16 . 9 .

18 . . . . . . . . . .

19 . . . . . . . . . 3

24 . . . . . 24 . . . .

26 . . . . . . . . . .

Total 94,662 43,098 61,804 81,480 81,281 80,732 80,071 144,698 46,022 45,271

HHNUM\counts: 8803 8903 9003 9103 9203 9303 9413 9503 9603 9703

blank . . . . . . . . . .

00 . . . . . . . . . .

01 5,616 5,267 5,512 6,071 5,482 6,364 9,249 7,021 6,203 6,290

02 14,143 12,991 13,735 14,982 13,794 16,474 23,924 18,306 15,996 16,222

03 9,307 8,628 8,720 9,912 8,699 12,558 20,419 14,562 12,621 12,816

04 9,146 8,582 8,984 9,931 8,692 14,777 23,877 17,856 15,204 15,368

05 4,386 4,077 4,284 4,754 4,208 7,634 14,555 9,785 8,675 8,825

06 1,701 1,486 1,688 1,914 1,488 2,930 5,841 4,302 3,726 3,828

07 643 472 737 743 669 1,108 2,681 1,890 1,610 1,519

08 239 190 281 387 267 474 1,204 920 792 784

09 150 133 142 169 131 260 660 531 306 315

10 55 47 79 97 72 131 395 130 230 190

11 39 26 62 50 21 93 259 77 77 66

12 18 10 36 13 8 53 92 36 12 72

13 18 . 16 7 6 13 113 26 39 39

14 . 5 3 7 9 21 14 28 . 14

15 8 3 6 . . . 3 15 . 30

16 . 8 . . . . . . 64 16

18 10 . . . 4 . . . . .

19 . . . . . . . . . .

24 . . . . . . . . . .

26 . . . . . 9 . . . .

Total 45,479 41,925 44,285 49,037 43,550 62,899 103,286 75,485 65,555 66,394

HHNUM\counts: 9803 9903 0003 0103 0203 0303 0403 0503 0603 0703

blank . . . . . 22,184 22,047 23,959 6,620 6,764

00 . . . . . . . . . .

01 6,312 6,209 6,144 7,440 7,525 9,939 9,695 10,596 9,858 10,006

02 16,176 16,774 16,426 19,474 19,607 26,644 26,016 27,902 25,968 26,252

03 12,837 13,116 12,886 14,690 15,005 26,991 26,109 27,744 26,394 25,842

04 15,240 15,806 16,366 17,944 18,558 34,644 34,028 35,916 32,668 32,700

05 9,055 9,897 9,523 10,639 10,504 19,600 19,480 20,335 18,950 18,210

06 3,738 4,225 4,222 4,942 4,612 8,694 8,022 8,544 8,172 8,364

07 1,526 1,735 1,991 1,881 1,898 3,297 3,262 3,542 3,374 3,003

08 720 773 750 912 947 1,192 1,352 1,448 1,264 1,288

09 288 320 373 498 394 522 693 558 630 558

10 170 153 336 280 179 370 170 300 290 380

11 44 71 136 86 136 121 198 154 121 198

12 24 45 111 60 84 120 84 132 60 108

13 13 19 26 45 12 26 78 52 52 26

14 14 . . 28 14 14 28 28 42 28

15 . . . . 15 15 15 15 . 15

16 16 32 32 18 32 32 32 32 . .

18 . . . . . . . . . .

19 . . . . . . . . . .

24 . . . . . . . . . .

26 . . . . . . . . . .

Total 66,173 69,175 69,322 78,937 79,522 154,405 151,309 161,257 134,463 133,742

HHNUM\counts: 0803 0903 1003 1103

blank 5,485 5,525 5,539 6,047

00 . . . .

01 10,301 10,024 10,082 10,159

02 25,722 26,346 25,758 25,678

03 25,146 25,368 24,996 24,450

04 31,680 32,160 31,952 30,684

05 18,320 18,770 17,995 18,245

06 8,064 8,316 8,364 8,388

07 2,968 3,332 3,731 3,220

08 1,176 1,384 1,520 1,792

09 594 702 756 720

10 370 350 390 300

11 154 154 242 209

12 60 120 60 72

13 . 78 26 52

14 . . 42 14

15 15 . 15 15

16 . . . 16

18 . . . .

19 . . . .

24 . . . .

26 . . . .

Total 130,055 132,629 131,468 130,061

**81. Type of Living Quarters** **LIVTYP** [Analysis File](#LIVTYP_76) [Return to Index](#INDEX4_2)

**EDITS:** Invalid Entry, Recode

**DESCRIPTION:** Type of living quarters for household.

**NOT AVAILABLE**: 8024

**CODES for file:** 7303

blank — Unknown

01 — House, apartment, flat

02 — HU in non-transient hotel, etc.

03 — HU, permanent, intrans., hotel, motel, etc.

04 — HU in rooming house

05 — Trailer, permanent

06 — Trailer, mobile

07 — HU not specified above

17 — Other not HU

**FREQUENCIES:**

LIVTYP\counts: 7303

blank 1,032

01 125,642

02 96

03 85

04 123

05 3,901

06 47

07 168

17 119

Total 131,213

**CODES for files**: 7802–8014, 8008–8703

blank — Unknown

**0**1 — House, apartment, flat

02 — HU in non-transient hotel, etc.

03 — HU, permanent in transient hotel, motel, etc.

04 — HU in rooming house

05 — Mobile home or trailer

06 — HU not specified above

07 — Quarters not HU in rooming or boarding house

08 — Unit not permanent in transient hotel, motel, etc.

09 — Tent or trailer site

10 — Other not HU

^- — Unknown

**FREQUENCIES:**

LIVTYP\counts: 7802 7903 8014 8008 8012 8103 8203 8303 8403 8503

blank 2,624 . 6,446 5,776 4,253 . 1 . . .

01 88,134 41,364 169,292 167,810 163,962 58,673 77,145 76,654 76,571 75,399

02 66 39 124 109 95 58 42 64 36 28

03 39 29 66 73 70 23 28 34 47 15

04 50 29 49 74 87 29 55 31 48 24

05 3,572 1,603 8,599 8,324 9,009 2,929 4,106 4,362 3,937 4,452

06 29 10 60 68 50 10 32 20 28 36

07 23 2 46 35 19 6 3 14 12 24

08 6 . . . 9 . 1 4 8 1

09 1 . 2 2 6 . . 5 . .

10 118 22 187 102 205 76 67 93 45 92

^- . . . . . . . . . .

Total 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732 80,071

LIVTYP\counts: 8509 8603 8703

blank . . .

01 136,238 43,602 42,553

02 98 10 23

03 36 11 11

04 51 26 9

05 8,054 2,282 2,570

06 24 6 26

07 30 36 34

08 12 3 .

09 7 . .

10 147 46 45

^- 1 . .

Total 144,698 46,022 45,271

**CODES for files**: 8803–1103

blank — Missing

01 — House, apartment, flat

02 — HU in non-transient hotel, etc.

03 — HU, permanent in transient hotel, motel, etc.

04 — HU in rooming house

05 — Mobile home or trailer with no permanent room added

06 — Mobile home or trailer with one or more permanent rooms added

07 — HU not specified above

08 — Quarters not HU in rooming or boarding house

09 — Unit not permanent in transient hotel, motel, etc.

10 — Tent or trailer site

11 — Student quarters in college dormitory

12 — Other not HU

**FREQUENCIES:**

LIVTYP\counts: 8803 8903 9003 9103 9203 9303 9413 9503 9603 9703

blank . . . . . . . . . .

01 42,907 39,248 41,637 46,183 40,945 59,105 97,390 71,047 61,425 62,224

02 34 21 18 31 11 11 31 52 55 59

03 18 21 20 4 10 14 28 9 52 10

04 26 21 35 22 34 15 59 33 21 30

05 2,024 2,174 2,071 2,315 2,060 3,154 4,898 3,571 3,334 3,393

06 370 372 405 411 402 508 734 732 594 622

07 25 13 23 4 12 18 23 21 41 48

08 8 4 . 7 11 4 22 1 . .

09 . . 1 2 4 . 9 1 . .

10 1 2 1 . . 7 3 . . .

11 13 22 10 9 9 7 71 18 33 8

12 53 27 64 49 52 56 18 . . .

Total 45,479 41,925 44,285 49,037 43,550 62,899 103,286 75,485 65,555 66,394

LIVTYP\counts: 9803 9903 0003 0103 0203 0303 0403 0503 0603 0703

blank . . . . . 22,184 22,047 23,959 6,620 6,764

01 62,201 65,232 65,319 74,718 74,981 125,369 122,661 130,063 121,275 120,304

02 56 47 43 51 35 110 80 93 94 47

03 5 6 8 6 11 22 9 16 23 25

04 25 22 32 27 25 13 43 29 18 31

05 3,237 3,118 3,380 3,432 3,736 5,658 5,411 6,217 5,691 5,676

06 610 674 503 646 655 973 866 750 645 749

07 18 48 9 21 22 28 95 60 39 47

08 2 6 6 . 5 . 2 6 . 5

09 . . . 2 . . 10 . . .

10 2 3 . . 2 . . . . 23

11 17 16 5 10 7 8 10 9 10 14

12 . 3 17 24 43 40 75 55 48 57

Total 66,173 69,175 69,322 78,937 79,522 154,405 151,309 161,257 134,463 133,742

LIVTYP\counts: 0703 0803 0903 1003 1103

blank 6,764 5,485 5,525 5,539 6,047

01 120,304 118,447 120,835 119,764 118,321

02 47 60 72 57 74

03 25 25 24 44 7

04 31 30 26 14 17

05 5,676 5,152 5,331 5,130 4,733

06 749 787 740 838 800

07 47 18 29 29 19

08 5 2 3 . 1

09 . . 3 4 1

10 23 2 . 1 5

11 14 21 13 6 10

12 57 26 28 42 26

Total 133,742 130,055 132,629 131,468 130,061

**82. House Owned or Rented** **RENTER** [Analysis File](#RENTER_77) [Return to Index](#INDEX4_2)

**EDITS:** Simple

**DESCRIPTION:** Variable defines the type of ownership of the residence.

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

blank — Missing information

0 — Missing information

1 — residence is owned by householder

2 — Residence is rented by householder

3 — Residence is rented for non cash rent by householder

**FREQUENCIES:**

RENTER\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank . . . . . . . . . .

0 878 454 2,882 4,456 4,753 4,428 4,792 5,680 62 235

1 91,655 67,406 27,311 128,389 127,718 123,144 40,074 52,318 55,821 55,036

2 35,809 25,019 11,817 48,260 46,350 46,843 15,748 22,053 23,829 24,000

3 2,871 1,783 1,088 3,766 3,552 3,350 1,190 1,429 1,569 1,461

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

RENTER\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank . . . . . . . . . .

0 108 983 . . . . . . . .

1 54,406 99,644 32,694 32,321 32,727 30,284 31,339 34,730 30,542 45,404

2 24,113 41,393 12,598 12,172 11,909 10,874 12,148 13,430 12,256 16,424

3 1,444 2,678 730 778 843 767 798 877 752 1,071

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

RENTER\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank . . . . . . . . . .

0 . . . . . . . . . 22,184

1 63,645 50,797 43,777 44,924 45,297 47,105 47,246 54,488 55,462 91,687

2 37,811 23,341 20,557 20,317 19,646 20,965 20,949 23,209 22,745 38,619

3 1,830 1,347 1,221 1,153 1,230 1,105 1,127 1,240 1,315 1,915

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

RENTER\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank . . . . . . 5,539 .

0 22,047 23,959 6,620 6,764 5,485 5,525 . 6,047

1 90,418 97,366 88,948 88,418 85,935 86,134 83,482 81,576

2 36,978 38,127 37,159 36,783 37,013 39,278 40,739 40,900

3 1,866 1,805 1,736 1,777 1,622 1,692 1,708 1,538

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**HEALTH INSURANCE AND HEALTH STATUS VARIABLES**

**83. Health Insurance Status** **HISTATUS** [Return to Index](#INDEX4_3)

**EDITS:** None

**DESCRIPTION:** This indicator variable tells whether or not the person was covered by any health insurance plan in the previous calendar year. The variable, although derived specifically for NLMS files by NLMS staff, is based on the same criteria as used for the official U.S. government tabulation of Health Insurance statistics released by the U.S. Census Bureau. The variable definition is a yes/no response to the question of health insurance coverage by an employer (individual or group plan), private coverage, Medicare, Medicaid or government (ChampUS, ChampVA or Indian Health Service) and is given a “1' or ‘2' value, accordingly.

**NOTE**: The format of the 1981 CPS questionnaire did not allow for the collection of information on private health insurance coverage. The result of this problem is that a larger than expected number of persons are identified as not covered by a health insurance program even though they, in fact, have a privately carried health coverage. The questionnaire was changed beginning in 1982 to allow for the collection of information concerning privately financed health insurance coverage.

**NOT AVAILABLE:** 7303–8012, 8509

**CODES for files**: 8103–8503, 8603-1103

1 — Person is covered by health insurance from an employer, private purchase, Medicare, Medicaid, or governmental health insurance plan

2 — Person is not covered by an acceptable health insurance plan

**FREQUENCIES:**

HISTATUS\counts: 8103 8203 8303 8403 8503 8603 8703 8803 8903 9003

1 46,335 66,935 66,128 64,892 64,148 40,229 39,576 40,565 36,953 38,969

2 15,469 14,545 15,153 15,840 15,923 5,793 5,695 4,914 4,972 5,316

Total 61,804 81,480 81,281 80,732 80,071 46,022 45,271 45,479 41,925 44,285

HISTATUS\counts: 9103 9203 9303 9413 9503 9603 9703 9803 9903 0003

1 42,794 38,004 54,483 85,940 63,945 55,509 55,942 55,525 57,086 57,520

2 6,243 5,546 8,416 17,346 11,540 10,046 10,452 10,648 12,089 11,802

Total 49,037 43,550 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322

HISTATUS\counts: 0103 0203 0303 0403 0503 0603 0703 0803 0903 1003

1 67,081 67,559 112,330 109,546 117,274 108,645 107,511 105,912 108,254 105,472

2 11,856 11,963 42,075 41,763 43,983 25,818 26,231 24,143 24,375 25,996

Total 78,937 79,522 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468

HISTATUS\counts: 1103

1 104,598

2 25,463

Total 130,061

**84. Health Insurance Type** **HITYPE** [Return to Index](#INDEX4_3)

**EDITS:** None

**DESCRIPTION:** This variable summarizes, in broad categories, the type of health insurance coverage that the person had at any time in the previous calendar year. The variable is created using the following hierarchical generalized definition:

If [X] is over 50, is [X] covered by Medicare? Yes=> HITYPE=1 STOP

If No, is [X] covered by an employer health plan? Yes=> 4 STOP

If No, is [X] covered by private health plan? Yes=> 5 STOP

If No, is [X] covered by Medicare? Yes=> 1 STOP

If No, is [X] covered by Medicaid? Yes=> 2 STOP

If No, is [X] covered by ChampUS, ChampVA, or the Indian Health Services? Yes=> 3 STOP

Else HITYPE = 0.

(For this definition, if the response is, “Yes” at any step, the definition is complete at that point, indicated by the phrase, “STOP,” and all additional checks are not made.)

**NOTE**: For files 8103 through 8503, a manual imputation was conducted by NLMS staff to generate, in case of missing values, a relative to head variable, RELTHD. This imputed value was not maintained as a permanent value on NLMS files. The imputation was conducted by examining the household structure, including input on age, sex, and full name. The RELTHD variable is of key importance in the determination of health insurance status and type because insurance policy holders may hold group coverage for other members of their family.

**NOT AVAILABLE:** 7303-8012, 8509

**CODES for files**: 8103–8503, 9103–1103

0 — Missing, not in universe, unknown

1 — Medicare

2 — Medicaid

3 — ChampUS, ChampVA, VA Health Care, Military Health Care, Indian Health Care, other Governmental Health Care

4 — Employer (as provider/as dependent), group coverage through an employer

5 — Private (as provider/as dependent), private coverage not through an employer

**FREQUENCIES:**

HITYPE\counts: 8103 8203 8303 8403 8503 8603 8703 8803 8903 9003

0 15,469 14,545 15,153 15,840 15,923 5,793 5,695 4,914 4,972 5,316

1 6,150 9,108 8,846 8,878 9,151 7,452 7,258 7,699 6,992 7,375

2 1,450 2,061 2,060 2,106 2,175 1,640 1,685 1,494 1,447 1,590

3 974 1,218 1,193 1,231 1,021 762 699 769 655 656

4 37,761 48,036 47,648 46,389 45,760 26,492 26,168 26,646 24,393 25,542

5 . 6,512 6,381 6,288 6,041 3,883 3,766 3,957 3,466 3,806

Total 61,804 81,480 81,281 80,732 80,071 46,022 45,271 45,479 41,925 44,285

HITYPE\counts: 9103 9203 9303 9413 9503 9603 9703 9803 9903 0003

0 6,243 5,546 8,416 17,346 11,540 10,046 10,452 10,484 12,089 11,802

1 7,861 7,561 9,215 11,791 9,607 8,392 8,552 8,325 8,674 6,456

2 1,929 1,910 3,884 10,284 6,242 5,896 5,622 5,109 5,034 5,305

3 842 618 875 1,379 1,305 914 827 1,062 753 713

4 28,174 24,509 34,857 51,890 42,755 36,819 37,448 37,909 39,427 40,669

5 3,988 3,406 5,652 10,596 4,036 3,488 3,493 3,284 3,198 4,377

Total 49,037 43,550 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322

HITYPE\counts: 0103 0203 0303 0403 0503 0603 0703 0803 0903 1003

0 11,856 11,963 42,075 41,763 43,983 25,818 26,231 24,143 24,375 25,996

1 9,998 9,843 8,429 12,350 13,738 12,384 12,604 12,583 6,631 13,121

2 6,116 6,676 10,610 12,892 14,109 13,329 13,316 13,318 14,527 15,950

3 890 867 1,621 1,675 1,785 1,691 1,603 1,547 1,796 1,664

4 46,298 46,344 82,331 75,721 80,172 74,427 73,307 71,817 75,842 68,214

5 3,779 3,829 9,339 6,908 7,470 6,814 6,681 6,647 9,458 6,523

Total 78,937 79,522 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468

HITYPE\counts: 1103

0 25,463

1 13,382

2 15,818

3 1,846

4 66,831

5 6,721

Total 130,061

**85. General Health** **HEALTH** [Return to Index](#INDEX4_3)

**EDITS:** None

**DESCRIPTION:** This variable is the response to the question: “Would you say that [person]’s health in general is”

**NOT AVAILABLE:** 7303–9303

**CODES for files**: 9413–1103

-1 — Missing

-2 — Don’t know

-3 — Refused

00 — Not in universe

01 — Excellent

02 — Very good

03 — Good

04 — Fair

05 — Poor

**FREQUENCIES:**

HEALTH\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

-1 5,424 1 20 311 396 6,305 5,385 6,449 6,450 12,754

-2 34 169 182 203 158 197 192 280 264 523

-3 141 869 821 784 684 659 661 792 939 2,158

00 77,174 9,592 6,929 6,037 5,009 . . . . 22,184

01 7,537 23,120 20,421 20,878 20,933 21,425 22,288 24,428 24,003 43,537

02 6,364 19,881 17,597 17,692 18,599 19,725 19,334 22,358 22,801 36,627

03 4,319 14,419 13,055 13,603 13,871 14,045 14,495 16,779 17,218 25,605

04 1,558 5,107 4,462 4,705 4,521 4,756 4,823 5,459 5,497 7,749

05 735 2,327 2,068 2,181 2,002 2,063 2,144 2,392 2,350 3,268

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

HEALTH\counts: 0403 0503 0603 0703 0803 0903 1003 1103

-1 13,155 14,605 12,401 13,701 11,652 . . .

-2 518 571 444 355 325 . . .

-3 2,403 2,107 2,048 1,901 1,990 . . .

00 22,047 23,959 6,620 6,764 5,485 5,525 5,539 6,047

01 42,221 43,479 40,750 40,138 40,010 45,514 43,282 42,707

02 35,431 37,366 35,773 35,310 34,759 39,055 39,269 39,209

03 24,716 27,273 25,521 24,725 24,924 29,449 30,454 29,224

04 7,736 8,440 7,683 7,649 7,634 9,255 9,291 9,225

05 3,082 3,457 3,223 3,199 3,276 3,831 3,633 3,649

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**TOBACCO USE VARIABLES**

The next section defines ten “smoking” variables that have been defined for use in the full NLMS. All are available for use in the SEER-NLMS analytical file.

**86. Smoked More than 100 Cigarettes** **SMOK100** [Return to Index](#INDEX4_4)

**EDITS:** None

**DESCRIPTION:** Response to question: *Has (this person) smoked at least 100 cigarettes in his/her lifetime?*

**NOT AVAILABLE:** 7303-8503, 8603-9103, 9413, 9703

**CODES for files**: 8509, 9203, 9303, 9503, 9603, 9803-1103

blank — Missing

1 — Yes

2 — No

**FREQUENCIES:**

SMOK100\counts: 8509 9203 9303 9503 9603 9803 9903 0003 0103 0203

blank 42,434 19,714 28,290 44,835 28,574 33,048 27,251 28,662 42,856 46,859

1 49,644 11,129 15,981 13,211 16,303 13,770 16,660 16,766 14,549 13,553

2 52,620 12,707 18,628 17,439 20,678 19,355 25,264 23,894 21,532 19,110

Total 144,698 43,550 62,899 75,485 65,555 66,173 69,175 69,322 78,937 79,522

SMOK100\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 93,883 145,341 139,505 82,888 97,850 129,683 111,246 80,760 96,140

1 22,427 2,088 7,665 18,416 13,160 123 7,152 16,544 11,224

2 38,095 3,880 14,087 33,159 22,732 249 14,231 34,164 22,697

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**87. Age Started Smoking** **AGESMK** [Return to Index](#INDEX4_4)

**EDITS:** None

**DESCRIPTION:** Response to question: How old was (this person) when he /she first started smoking cigarettes fairly regularly?

**NOT AVAILABLE:** 7303-9103, 9413, 9703

**CODES for files**: 8509, 9203, 9303, 9503, 9603, 9803-1103

blank — Missing

-1 — Not in the universe

-2 — Respondent doesn’t know

-3 — Refused to answer

-5 — Never smoked regularly

-9 — No response

01-99 — Valid age response

**FREQUENCIES:**

AGESMK\counts: 8509 9203 9303 9503 9603 9803 9903 0003 0103 0203

blank 100,975 19,714 28,290 44,835 28,574 26,003 20,086 23,761 35,810 41,857

-1 . 12,708 18,628 17,439 20,678 26,400 32,429 28,795 28,578 24,112

-2 . 406 535 588 593 639 718 742 650 558

-3 . . . 27 44 67 35 46 72 52

-5 . 303 432 359 430 377 447 434 351 313

-9 . 49 87 6 15 13 12 4 10 8

01 1 . 1 . 1 1 3 . . 2

02 8 . 1 . 1 . 1 2 . .

03 7 2 4 2 1 2 . . 1 .

04 28 5 8 4 1 2 2 . 3 .

05 53 23 31 8 8 4 7 15 12 9

06 108 19 26 16 13 9 18 21 8 13

07 124 25 45 20 28 18 27 22 24 25

08 167 33 68 53 56 40 44 63 40 29

09 169 48 69 50 83 58 72 77 50 64

10 345 95 132 105 133 114 166 137 115 130

11 234 74 109 90 117 108 134 139 102 114

12 1,002 291 456 343 437 394 465 486 396 411

13 1,311 347 556 479 617 562 690 652 554 592

14 2,382 609 922 731 966 796 1,044 1,005 873 828

15 4,134 1,014 1,540 1,264 1,612 1,353 1,679 1,733 1,391 1,402

16 6,816 1,511 2,186 1,839 2,304 1,892 2,321 2,406 2,089 1,928

17 4,634 1,053 1,493 1,253 1,555 1,292 1,588 1,684 1,400 1,333

18 7,398 1,758 2,390 1,962 2,430 2,052 2,440 2,512 2,203 1,992

19 2,812 691 919 849 989 768 943 910 857 787

20 4,102 958 1,338 1,082 1,324 1,088 1,305 1,299 1,201 1,024

21 2,005 456 721 548 650 561 676 615 556 531

22 1,123 286 434 298 377 344 396 362 350 302

23 655 151 219 155 218 179 190 193 171 147

24 464 112 141 110 147 144 133 123 126 106

25 1,167 275 389 332 395 303 351 374 327 277

26 233 60 85 64 70 66 78 75 57 60

27 197 29 71 65 72 57 67 68 49 54

28 230 50 91 69 82 62 71 68 51 55

29 82 17 30 24 34 26 37 25 26 27

30 607 121 173 158 206 148 184 185 180 138

31 55 8 17 16 19 9 19 15 15 12

32 92 46 28 32 23 36 34 39 29 26

33 52 10 19 14 18 13 11 29 18 15

AGESMK\counts: 8509 9203 9303 9503 9603 9803 9903 0003 0103 0203

(cont.)

34 36 2 11 7 18 12 14 17 13 8

35 266 51 66 55 77 53 70 57 46 51

36 27 13 10 12 9 9 20 15 12 7

37 35 5 9 7 9 3 13 9 9 7

38 43 11 10 12 20 13 8 13 12 15

39 23 11 3 4 5 5 9 3 7 7

40 178 46 37 33 35 23 51 39 44 39

41 11 1 5 1 3 4 6 4 3 3

42 21 6 12 5 9 8 5 . 5 10

43 16 3 2 4 5 . 5 4 2 5

44 11 3 3 1 4 2 5 2 . 2

45 64 11 18 15 9 19 8 12 9 10

46 2 1 1 . . 3 3 . 5 1

47 8 1 1 2 3 1 5 2 2 5

48 22 2 2 3 1 . 1 . 2 2

49 5 1 1 2 2 1 1 1 1 1

50 71 8 8 17 6 5 10 10 11 8

51 4 . 2 2 1 . . 2 1 1

52 5 2 2 3 . . 3 . 2 .

53 6 1 . . 1 2 2 1 1 .

54 5 . 1 . 1 . 2 . 1 2

55 14 4 1 2 2 3 2 2 1 1

56 6 . . . . 1 . . . 1

57 3 . 1 . 4 . 2 2 . 1

58 6 1 . . . . 1 1 . .

59 3 2 . 1 1 . . . . .

60 7 3 2 2 5 2 3 4 . .

61 2 . . . . . . 1 . .

62 2 . . . 1 . . . 1 1

63 1 . . . . 2 1 1 . .

64 3 1 1 . 1 . . . 1 .

65 7 1 1 3 . 2 . 2 1 1

66 2 . 1 . . . . . . .

67 2 . . . . . . . . .

68 2 . . . . . . . . .

69 1 . 1 1 . . . . . .

70 1 . 2 2 . . 2 . . .

71 . . . . . . . . . .

72 . 1 . . . . . . . .

73 . . . . . . . 1 . .

74 1 . . . . . . . . .

75 1 . . . 1 . . . . .

76 1 . . . . . . . . .

77 . . . . . . . 1 . .

78 . . 1 . . . . . . .

80 1 . . . 1 . . . . .

83 1 . . . . . . . . .

86 . 1 . . . . . . . .

Total 144,698 43,550 62,899 75,485 65,555 66,173 69,175 69,322 78,937 79,522

AGESMK\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 80,843 144,459 133,632 70,859 91,591 129,570 106,672 69,041 88,730

-1 51,135 4,762 19,960 45,188 28,991 362 18,805 45,883 30,107

-2 1,012 107 349 936 594 3 360 836 531

-3 157 7 54 114 64 1 77 166 95

-5 606 40 218 484 317 4 151 371 256

-9 28 . 10 19 23 . 18 42 20

01 2 . 3 . 4 . . 2 2

02 1 . 1 3 1 . . . .

03 3 . . 2 . . . 1 .

04 4 1 1 2 1 . 2 1 6

05 9 1 2 11 2 . . 7 5

06 16 . 13 21 12 . 6 15 10

07 38 6 9 24 18 . 14 26 13

08 76 7 18 41 37 2 15 41 19

09 109 16 31 73 66 1 23 69 48

10 170 18 61 148 104 1 50 104 77

11 185 21 51 150 114 . 46 100 89

12 667 82 176 485 375 3 191 418 309

13 967 94 310 670 569 6 278 577 454

14 1,422 157 439 1,025 799 12 393 924 652

15 2,275 238 752 1,833 1,305 12 654 1,598 1,024

16 3,171 291 991 2,591 1,854 16 1,031 2,266 1,504

17 2,151 214 756 1,794 1,267 19 703 1,588 1,073

18 3,339 278 1,226 2,947 2,073 8 1,125 2,671 1,842

19 1,268 96 455 976 760 10 419 963 703

20 1,665 146 629 1,482 1,000 8 575 1,346 906

21 847 64 296 670 478 3 275 588 422

22 462 38 168 403 277 2 155 385 250

23 261 22 85 187 145 2 81 200 136

24 181 18 69 152 111 2 55 134 76

25 465 50 152 433 287 7 140 399 261

26 85 7 31 93 63 . 36 56 44

27 89 11 29 62 41 . 30 51 35

28 93 13 41 83 46 . 30 77 51

29 38 6 12 29 31 . 19 30 16

30 197 14 72 167 114 . 76 175 126

31 25 2 7 18 11 . 8 14 8

32 34 2 14 35 16 1 15 39 22

33 19 . 12 11 15 . 6 13 5

34 9 2 5 16 7 . 6 13 10

35 77 4 37 67 46 . 28 71 31

36 19 2 5 14 8 . 7 9 9

37 20 2 5 14 8 . 3 14 4

38 21 2 7 12 8 . 2 15 13

39 5 . 4 4 6 . 3 5 2

40 56 3 23 51 36 . 13 42 28

41 5 1 1 6 . . 3 6 3

42 6 . 5 7 7 . 6 8 6

43 4 1 2 7 3 . 4 4 3

44 4 1 1 4 2 . . 4 1

45 21 1 6 7 12 . 2 7 9

46 4 . 2 4 3 . 2 6 1

47 3 1 1 3 1 . . 7 4

48 7 . . 2 4 . 3 5 2

49 4 . 5 1 1 . . 2 .

50 13 1 6 11 5 . 6 15 2

51 . . . 2 . . 1 2 .

52 . . 2 1 . . . . .

53 . . . 1 1 . 1 4 1

54 2 . . . 1 . 1 1 1

55 1 . . 2 3 . . 4 1

56 2 . 2 1 1 . . . 1

57 . . 1 1 1 . . . 2

58 2 . . 1 1 . . . .

59 . . . . 1 . . 1 .

60 2 . . 2 . . 2 3 .

61 1 . . . . . . . .

AGESMK\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

(cont.)

62 . . . . . . 1 1 .

63 . . . . . . . . .

64 . . 1 . . . 1 1 .

65 1 . . . . . . . .

66 . . . . . . . . .

67 . . . . . . . . .

68 . . . . . . . . .

69 . . . . . . . . .

70 1 . . . . . . . .

71 . . 1 1 . . . . .

72 . . . . . . . . .

73 . . . . . . . . .

74 . . . . . . . . .

75 . . . . . . . 1 .

76 . . . . . . . . .

77 . . . . . . . . .

78 . . . . . . . . .

80 . . . . . . . . .

83 . . . . . . . . .

86 . . . . . . . . .

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**88. Smoking Frequency** **SMOKER** [Return to Index](#INDEX4_4)

**EDITS:** None

**DESCRIPTION:** Response to question: *Does (this person) smoke cigarettes every day, some days, or not all?*

**NOT AVAILABLE:** 7303-8503, 8603-9103, 9413, 9703

**CODES for files**: 8509, 9203, 9303, 9503, 9603, 9803-1103

blank — Missing

-1 — Not in the universe

-2 — Respondent doesn’t know

-3 — Refused to answer

-9 — No response

01 — Smokes every day

02 — Smokes some days

03 — Does not smoke at all

**FREQUENCIES:**

SMOKER\counts: 8509 9203 9303 9503 9603 9803 9903 0003 0103 0203

blank 42,434 19,714 28,290 44,835 28,574 26,003 20,086 23,761 35,810 41,857

-1 . 12,707 18,628 17,439 20,678 26,400 32,429 28,795 28,578 24,112

-2 . . . 14 10 16 16 17 8 12

-3 . . . 10 24 37 18 19 35 31

-9 . 38 44 8 20 16 17 7 15 12

01 49,644 4,288 6,510 5,255 6,714 5,322 6,411 6,388 5,259 5,092

02 . 881 1,376 1,085 1,376 1,174 1,665 1,725 1,282 1,275

03 52,620 5,922 8,051 6,839 8,159 7,205 8,533 8,610 7,950 7,131

Total 144,698 43,550 62,899 75,485 65,555 66,173 69,175 69,322 78,937 79,522

SMOKER\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 80,843 144,459 133,632 70,859 91,591 129,570 106,672 69,041 88,730

-1 51,135 4,762 19,960 45,188 28,991 362 18,805 45,883 30,107

-2 21 4 7 20 13 . 9 25 12

-3 50 2 30 39 22 . 34 60 36

-9 40 . 14 25 29 . 36 79 33

01 9,153 986 2,702 6,985 5,192 46 2,421 5,861 4,157

02 2,098 192 648 1,682 1,228 20 625 1,557 1,128

03 11,065 904 4,264 9,665 6,676 57 4,027 8,962 5,858

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**89. Average Cigarettes Daily** **AVNMCIGS** [Return to Index](#INDEX4_4)

**EDITS:** None

**DESCRIPTION:** Response to the question: *On the average, how many cigarettes does (this person) now smoke a day?*

**NOT AVAILABLE:** 7303-9103, 9413, 9703, 0003

**CODES for files**: 9203, 9303, 9503, 9603, 9803-1103

blank — Missing

-9 — No response

-3 — Refused to answer

-2 — Respondent doesn’t know

-1 — Not in the universe

00-99 — Valid number of cigarettes smoked

**FREQUENCIES:**

AVNMCIGS\counts: 9203 9303 9503 9603 9803 9903 0003 0103 0203 0303

blank 19,714 28,290 44,835 28,574 26,003 20,086 69,322 35,810 41,857 80,843

-1 20,185 29,021 26,519 31,554 35,973 44,047 . 38,940 33,402 66,232

-2 18 17 28 35 31 33 . 35 32 61

-3 . . 20 26 40 26 . 41 40 54

-9 34 44 7 20 21 20 . 18 14 2

01 2 7 19 16 21 21 . 22 18 37

02 25 29 23 38 27 40 . 36 30 81

03 27 42 47 51 38 61 . 43 58 97

04 41 52 40 54 54 80 . 55 52 110

05 75 110 88 130 117 160 . 110 152 278

06 61 74 57 73 70 90 . 68 90 133

07 40 52 45 66 45 69 . 60 73 127

08 48 65 56 68 57 82 . 58 57 117

09 9 14 7 13 8 17 . 11 11 31

10 513 814 629 841 673 894 . 764 763 1,461

11 4 11 8 6 10 10 . 9 10 20

12 66 111 82 102 73 91 . 82 83 149

13 9 27 14 16 16 18 . 10 13 23

14 9 14 4 13 9 18 . 10 9 14

15 313 509 335 474 339 460 . 344 412 658

16 10 22 10 15 12 13 . 17 12 17

17 12 19 10 15 17 12 . 20 12 26

18 35 41 29 30 37 28 . 32 36 37

19 1 1 . 1 5 3 . 1 3 3

20 1,397 2,139 1,591 2,086 1,607 1,812 . 1,584 1,533 2,681

21 2 . 3 4 3 4 . 1 2 2

22 3 6 3 4 5 4 . 3 1 5

23 3 4 1 4 6 1 . 3 1 4

24 8 8 7 6 2 4 . . 4 6

25 83 162 111 114 91 107 . 103 84 160

26 . . 1 1 3 . . . . .

27 . 2 . . 1 1 . 1 1 2

28 2 3 . 2 . 2 . 1 4 .

29 . . 1 . 1 2 . 1 . .

30 370 575 414 550 397 452 . 340 337 504

31 . 1 . . . . . . 1 .

32 . . 1 1 1 1 . . 1 .

33 1 1 . . . . . . 1 .

34 1 . . . . . . . . .

35 32 48 33 26 28 24 . 14 14 25

AVNMCIGS\counts: 9203 9303 9503 9603 9803 9903 0003 0103 0203 0303

(cont.)

36 . . . . . . . 1 1 .

37 1 1 . . . . . 1 1 .

38 . 1 1 1 . 1 . . . 1

40 311 437 345 425 274 308 . 238 230 333

42 . 1 . . 1 . . . . .

43 . . . 1 . . . . . .

45 3 10 4 14 2 3 . 3 4 7

48 . . 1 . . . . 1 2 .

50 40 51 24 38 20 26 . 13 27 21

55 2 . . . . . . . 1 1

60 28 52 27 41 31 36 . 26 25 38

62 . . . . . . . 1 . .

65 2 1 . . . . . . . .

70 . 2 . 1 1 2 . 2 . .

75 . . 1 . . . . . . .

80 9 6 2 3 2 5 . 4 7 2

90 . 1 . 1 . 1 . . 1 1

99 1 1 2 1 1 . . . . 1

Total 43,550 62,899 75,485 65,555 66,173 69,175 69,322 78,937 79,522 154,405

AVNMCIGS\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank 144,459 133,632 70,859 91,591 129,570 106,672 69,041 88,730

-1 6,095 25,523 58,293 38,126 444 24,105 57,866 38,129

-2 3 15 42 35 . 20 40 38

-3 2 10 32 16 1 24 45 26

-9 1 4 10 11 . 3 4 4

01 4 13 33 23 1 15 21 11

02 8 13 51 40 1 19 57 42

03 9 26 101 64 2 25 105 81

04 8 38 94 78 1 45 96 60

05 31 84 194 166 4 90 231 179

06 21 47 111 90 . 43 125 105

07 18 36 101 73 2 36 104 86

08 12 30 106 75 1 42 102 94

09 3 7 19 13 . 15 19 18

10 166 415 1,131 894 9 437 1,078 820

11 2 5 15 13 . 5 9 3

12 12 60 130 85 1 39 123 73

13 2 5 20 15 . 5 36 12

14 1 4 11 8 . 7 9 10

15 76 212 532 374 7 190 414 276

16 . 5 18 14 . 3 18 10

17 5 6 17 11 . 10 13 12

18 5 10 37 20 . 6 24 15

19 1 . 5 4 . 2 1 2

20 267 758 1,767 1,348 7 591 1,455 955

21 . 1 1 4 . . 2 1

22 1 5 2 2 . 1 3 2

23 . 1 3 1 . . 2 3

24 . . 3 2 . 1 2 .

25 10 35 98 64 . 26 42 32

26 . . . . . . . .

27 . . . . . . 1 .

28 . 1 . 2 . 1 3 .

29 . 1 2 3 . . 2 .

30 51 121 337 252 3 97 206 126

31 . . . . . . . .

32 . 1 . . . . . .

33 . . 1 . . . 1 .

34 . . 1 . . . . 2

35 4 10 18 10 . 5 15 11

36 . . . . . . 1 1

37 . . . . . . 1 .

38 . 1 1 . . 1 . .

40 27 102 219 173 1 43 130 81

42 . . . . . . . .

AVNMCIGS\counts: 0403 0503 0603 0703 0803 0903 1003 1103

(cont.)

43 . . . . . . . .

45 . 1 1 3 . . 3 1

48 . 1 . . . . . .

50 . 6 22 17 . 1 8 6

55 . . . . . . . .

60 4 10 19 18 . 3 9 3

62 . . . . . . . .

65 . . . . . . . .

70 1 1 . . . 1 . .

75 . . 1 . . . . 1

80 . . 4 4 . . 1 .

90 . . . . . . . .

99 . 1 1 . . . . .

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**90. Smoking Follow-up Start (File)** **SMKFLSTR** [Return to Index](#INDEX4_4)

**EDITS:** None

**DESCRIPTION:**

This variable groups cigarette smokers into categories according to the survey for which the smoking information was collected. Except for the September 1985 cohort, smoking information available on NLMS records was not collected during the March interview as was the data used for the NLMS. Smoking data available was collected during other monthly household visits and attached to the March responses for NLMS purposes. These surveys are described in the codes of the SMKFLSTR variable below. Each SMKFLSTR value has associated with it an NLMS start of follow-up date which may or may not coincide with the standard start date for the file, in some cases the information on smoking is collected during a household visit prior to the date of the NLMS baseline survey, in other cases during a visit later than baseline. The correct start of follow-up date for all records in the smoking subset is given by the variable SMKSTART (see next page). In the code description below, the word “MIS” means “month in sample,” in the CPS rotation pattern.

**NOT AVAILABLE:** 7303-8503, 8603-9103, 9413, 9703

**CODES for files**: 8509, 9203, 9303, 9503, 9603, 9803-1103

1 — 9203 NLMS(MIS: 1 & 2), smoking data collected in May 1993 CPS (MIS: 7 & 8)

2 — 9203 NLMS(MIS: 3 & 4), smoking data collected in January 1993 CPS (MIS: 5 & 6)

3 — 9303 NLMS(MIS: 3 & 4), smoking data collected in January 1993 CPS (MIS: 1 & 2)

4 — 9303 NLMS(MIS: 1 & 2), smoking data collected in May 1993 CPS (MIS: 3 & 4)

5 — 9503 NLMS(MIS: 3 & 4), smoking data collected in January 1996 CPS (MIS: 5 & 6)

6 — 9503 NLMS(MIS: 1 & 2), smoking data collected in May 1996 CPS (MIS: 7 & 8)

7 — 9603 NLMS(MIS: 3 & 4), smoking data collected in January 1996 CPS (MIS: 1 & 2)

8 — 9603 NLMS(MIS: 1 & 2), smoking data collected in May 1996 CPS (MIS: 3 & 4)

9 — 8509 NLMS(MIS: all), smoking data collected in September 1985 CPS (MIS: all)

11 – 9803 NLMS (MIS: 3 & 4), smoking data collected in January 1999 CPS (MIS: 5 & 6)

12 – 9903 NLMS (MIS: 3 & 4), smoking data collected in January 1999 CPS (MIS: 1 & 2)

13 – 9803 NLMS (MIS: 1 & 2), smoking data collected in May 1999 CPS (MIS: 7 & 8)

13 – 9903 NLMS (MIS: 3 & 4), smoking data collected in January 1999 CPS (MIS: 1 & 2)

16 – 0003 NLMS (MIS: 3 & 4), smoking data collected in January 2000 CPS (MIS: 1 & 2)

17 – 0003 NLMS (MIS: 1 & 2), smoking data collected in May 2000 CPS (MIS: 3 & 4)

20 – 0103 NLMS (MIS: 8 ), smoking data collected in June 1999 CPS (MIS: 4)

22 – 0103 NLMS (MIS: 2, 3 & 4), smoking data collected in February 2002 CPS (MIS: 5, 6 & 7)

23 – 0203 NLMS (MIS: 2, 3 & 4), smoking data collected in February 2002 CPS (MIS: 1, 2 & 3)

26 – 0303 NLMS (MIS: 2, 3 & 4), smoking data collected in February 2003 CPS (MIS: 1, 2 & 3)

27 – 0203 NLMS (MIS: 4), smoking data collected in June 2003 CPS(MIS: 8)

27 – 0303 NLMS (MIS: 1), smoking data collected in June 2003 CPS(MIS: 4)

28 – 0203 NLMS (Hispanic Supplement), smoking data collected in November 2003 CPS

29 – 0403 NLMS (Hispanic Supplement), smoking data collected in November 2003 CPS

30 – 0503 NLMS (MIS: 4), smoking data collected in August 2006 CPS (MIS: 5 )

30 – 0603 NLMS (MIS: 1 & 2), smoking data collected in May 2006 CPS (MIS: 3 & 4)

31 – 0603 NLMS (Hispanic Supplement), smoking data collected in August 2006 CPS(MIS: 5)

32 – 0603 NLMS (Hispanic Supplement), smoking data collected in January 2007 CPS(MIS: 5 & 6)

33 – 0703 NLMS (MIS: 3 & 4), smoking data collected in January 2007 CPS (MIS: 1 & 2)

34 – 0903 NLMS (Hispanic Supplement), smoking data collected in January 2007 CPS (MIS: 3 & 4)

35 – 0903 NLMS (MIS: 1 & 2), smoking data collected in May 2009 CPS (MIS: 7 & 8)

35 – 1003 NLMS (MIS: 1 & 2), smoking data collected in May 2009 CPS (MIS: 3 & 4)

36 – 1003 NLMS (MIS: 3 & 4), smoking data collected in January 2011 CPS(MIS: 5 & 6)

37 – 1003 NLMS (Hispanic Supplement), smoking data collected in August 2010 CPS(MIS: 5)

38 – 1103 NLMS (MIS: 3 & 4), smoking data collected in January 2011 CPS(MIS: 1 & 2)

38 – 1103 NLMS (Hispanic Supplement), smoking data collected in January 2011

**FREQUENCIES:**

SMKFLSTR\counts: 8509 9203 9303 9503 9603 9803 9903 0003 0103 0203

blank . 19,714 28,290 44,835 28,574 26,003 20,086 23,761 35,810 32,057

01 . 11,346 . . . . . . . .

02 . 12,490 . . . . . . . .

03 . . 17,947 . . . . . . .

04 . . 16,662 . . . . . . .

05 . . . 15,391 . . . . . .

06 . . . 15,259 . . . . . .

07 . . . . 18,349 . . . . .

08 . . . . 18,632 . . . . .

09 144,698 . . . . . . . . .

11 . . . . . 20,399 . . . .

12 . . . . . . 28,450 . . .

13 . . . . . 19,771 20,639 . . .

16 . . . . . . . 24,986 . .

17 . . . . . . . 20,575 . .

20 . . . . . . . . 11,553 .

22 . . . . . . . . 31,574 .

23 . . . . . . . . . 37,665

26 . . . . . . . . . .

27 . . . . . . . . . 9,800

28 . . . . . . . . . .

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38 . . . . . . . . . .

Total 144,698 43,550 62,899 75,485 65,555 66,173 69,175 69,322 78,937 79,522

SMKFLSTR\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 80,843 144,459 133,632 70,859 88,178 129,492 106,672 69,041 85,396

01 . . . . . . . . .

02 . . . . . . . . .

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22 . . . . . . . . .

23 . . . . . . . . .

26 45,269 . . . . . . . .

27 23,278 . . . . . . . .

28 5,015 . . . . . . . .

29 . 6,850 . . . . . . .

30 . . 27,625 35,738 . . . . .

31 . . . 1,189 . . . . .

32 . . . 26,677 . . . . .

33 . . . . 45,564 . . . .

34 . . . . . 563 . . .

35 . . . . . . 25,957 33,288 .

36 . . . . . . . 1,147 .

37 . . . . . . . 27,992 .

38 . . . . . . . . 44,665

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**91. Smoking Follow-up Start Date** **SMKSTART** [Return to Index](#INDEX4_4)

**EDITS:** None

**DESCRIPTION:**

This variable gives the start date for purposes of follow-up analysis of records involving smoking data according to the grouping of records by SMKFLSTR codes. In any analysis in which the smoking variables define the population under study, the start date given by this variable, SMKSTART, must be used in the analysis to properly reflect the correct follow-up time for these records.

**Start dates for SMKFLSTR:**

blank — Missing

05/26/1993, if SMKFLSTR = 1

01/27/1993, if SMKFLSTR = 2

03/23/1993, if SMKFLSTR = 3

05/26/1993, if SMKFLSTR = 4

01/24/1996, if SMKFLSTR = 5

05/29/1996, if SMKFLSTR = 6

03/26/1996, if SMKFLSTR = 7

05/29/1996, if SMKFLSTR = 8

09/21/1985, if SMKFLSTR = 9

01/27/1999, if SMKFLSTR = 11

03/21/1999, if SMKFLSTR = 12

05/26/1999, if SMKFLSTR = 13

03/29/2000, if SMKFLSTR = 16

05/24/2000, if SMKFLSTR = 17

06/27/2001, if SMKFLSTR = 20

02/27/2002, if SMKFLSTR = 22

03/27/2002, if SMKFLSTR = 23

03/26/2003, if SMKFLSTR = 26

06/25/2003, if SMKFLSTR = 27

11/26/2003, if SMKFLSTR = 28

03/24/2004, if SMKFLSTR = 29

05/24/2006, if SMKFLSTR = 30

08/24/2006, if SMKFLSTR = 31

01/24/2007, if SMKFLSTR = 32

03/26/2007, if SMKFLSTR = 33

03/26/2008, if SMKFLSTR = 34

05/26/2010, if SMKFLSTR = 35

08/25/2010, if SMKFLSTR = 36

01/26/2011, if SMKFLSTR = 37

03/27/2011, if SMKFLSTR = 38

**NOT AVAILABLE:** 7303-9103, 9413, 9703

**AVAILABLE FILES**: 9203, 9303, 9503, 9603, 9803-1103

**FREQUENCIES:**

SMKSTART\counts: 9203 9303 9503 9603 9803 9903 0003 0103 0203

blank 19,714 28,290 44,835 28,574 26,003 20,086 23,761 35,810 32,057

01/24/1996 . . 15,391 . . . . . .

01/24/2007 . . . . . . . . .

01/26/2011 . . . . . . . . .

01/27/1993 12,490 . . . . . . . .

01/27/1999 . . . . 20,399 . . . .

02/27/2002 . . . . . . . 31,574 .

03/23/1993 . 17,947 . . . . . . .

03/24/1999 . . . . . 28,450 . . .

03/24/2004 . . . . . . . . .

03/26/1996 . . . 18,349 . . . . .

03/26/2003 . . . . . . . . .

03/26/2007 . . . . . . . . .

03/26/2008 . . . . . . . . .

03/27/2002 . . . . . . . . 37,665

03/27/2011 . . . . . . . . .

03/29/2000 . . . . . . 24,986 . .

05/24/2000 . . . . . . 20,575 . .

05/24/2006 . . . . . . . . .

05/26/1993 11,346 16,662 . . . . . . .

05/26/1999 . . . . 19,771 20,639 . . .

05/26/2010 . . . . . . . . .

05/29/1996 . . 15,259 18,632 . . . . .

06/25/2003 . . . . . . . . 9,800

06/27/2001 . . . . . . . 11,553 .

08/24/2006 . . . . . . . . .

08/25/2010 . . . . . . . . .

11/26/2003 . . . . . . . . .

Total 43,550 62,899 75,485 65,555 66,173 69,175 69,322 78,937 79,522

SMKSTART\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 80,843 144,459 133,632 70,859 88,178 129,492 106,672 69,041 85,396

01/24/1996 . . . . . . . . .

01/24/2007 . . . 26,677 . . . . .

01/26/2011 . . . . . . . 27,992 .

01/27/1993 . . . . . . . . .

01/27/1999 . . . . . . . . .

02/27/2002 . . . . . . . . .

03/23/1993 . . . . . . . . .

03/24/1999 . . . . . . . . .

03/24/2004 . 6,850 . . . . . . .

03/26/1996 . . . . . . . . .

03/26/2003 45,269 . . . . . . . .

03/26/2007 . . . . 45,564 . . . .

03/26/2008 . . . . . 563 . . .

03/27/2002 . . . . . . . . .

03/27/2011 . . . . . . . . 44,665

03/29/2000 . . . . . . . . .

05/24/2000 . . . . . . . . .

05/24/2006 . . 27,625 35,738 . . . . .

05/26/1993 . . . . . . . . .

05/26/1999 . . . . . . . . .

05/26/2010 . . . . . . 25,957 33,288 .

05/29/1996 . . . . . . . . .

06/25/2003 23,278 . . . . . . . .

06/27/2001 . . . . . . . . .

08/24/2006 . . . 1,189 . . . . .

08/25/2010 . . . . . . . 1,147 .

11/26/2003 5,015 . . . . . . . .

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**92. Cigarette Smoking Status** **SMOKSTAT** [Analysis File](#SMOKSTAT_A)[Return to Index](#INDEX4_4)

**EDITS:** Simple, Invalid Entry

**DESCRIPTION:** Indicates the general quantity of cigarette smoking. This variable is a recode of several responses, so the variable is not a direct pickup of a response to a particular tobacco-use supplement item.

**NOT AVAILABLE:** 7303-9103, 9413, 9703, 0003

**CODES for files:** 9203, 9303, 9503, 9603, 9803-9903, 0103-1103

blank — information missing or not provided

-9 — No response provided

-1 — Not in the universe

1 — Never smoked cigarettes.

2 — An everyday smoker of cigarettes.

3 — Is a smoker of cigarettes on some days

4 — Is a former smoker of cigarettes

9 — Smoking status is undetermined.

**FREQUENCIES:**

SMOKSTAT\counts: 9203 9303 9503 9603 9803 9903 0103 0203 0303 0403

blank 16,950 24,296 38,714 22,565 26,003 20,086 35,810 32,057 80,843 144,459

-1 2,650 3,786 6,012 5,894 6,912 6,988 6,904 6,610 12,778 864

-9 . . 141 169 202 228 200 206 373 24

1 12,820 18,828 17,439 20,678 19,355 25,264 21,532 24,204 38,095 3,880

2 4,288 6,510 5,255 6,714 5,322 6,411 5,259 6,121 9,153 986

3 881 1,376 1,085 1,376 1,174 1,665 1,282 1,525 2,098 192

4 5,922 8,051 6,839 8,159 7,205 8,533 7,950 8,799 11,065 904

9 39 52 . . . . . . . .

Total 43,550 62,899 75,485 65,555 66,173 69,175 78,937 79,522 154,405 151,309

SMOKSTAT\counts: 0503 0603 0703 0803 0903 1003 1103

blank 133,632 70,859 91,591 129,570 106,672 69,041 88,730

-1 5,747 11,778 6,111 112 4,477 11,491 7,263

-9 177 335 212 1 176 392 228

1 14,087 33,159 22,732 249 14,231 34,164 22,697

2 2,702 6,985 5,192 46 2,421 5,861 4,157

3 648 1,682 1,228 20 625 1,557 1,128

4 4,264 9,665 6,676 57 4,027 8,962 5,858

9 . . . . . . .

Total 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**93. Rules for Smoking Cigarettes in the Home** **SMOKHOME** [Analysis File](#SMOKHOME_A)

[Return to Index](#INDEX4_4)

**EDITS:** Simple, Invalid Entry

**DESCRIPTION:** Is the response to the question*, “Which statement best describes the rules about smoking in your home?”*

**NOT AVAILABLE:** 7303-9103, 9413, 9703, 0003

**CODES for files:** 9203, 9303, 9503, 9603, 9803-9903, 0103-1103

-9 — No response provided

-3 — Refused to provide answer.

-2 — Don’t know.

-1 — Not in universe

0 — Missing

1 — No one is allowed to smoke anywhere in the house

2 — Smoking is allowed in some places or at some times.

3 — Smoking is permitted anywhere in the house at any time.

**FREQUENCIES:**

SMOKHOME\counts: 9203 9303 9503 9603 9803 9903 0103 0203 0303 0403

blank 16,950 24,296 38,714 22,565 26,003 20,086 35,810 41,857 80,843 144,459

-1 3,945 5,865 13,132 13,992 14,824 17,027 15,072 11,260 26,242 2,564

-2 . . 55 78 98 96 141 93 177 10

-3 . . 92 83 118 119 133 115 283 24

-9 . . 48 100 124 134 82 76 299 13

0 2,650 3,786 . . . . . . . .

1 8,538 12,263 12,623 15,172 15,300 19,826 18,727 17,731 34,184 3,169

2 5,190 7,540 5,299 6,628 4,870 6,137 4,834 4,415 6,129 534

3 6,156 8,947 5,522 6,937 4,836 5,750 4,138 3,975 6,248 536

9 121 202 . . . . . . . .

Total 43,550 62,899 75,485 65,555 66,173 69,175 78,937 79,522 154,405 151,309

SMOKHOME\counts: 0503 0603 0703 0803 0903 1003 1103

blank 133,632 70,859 91,591 129,570 106,672 69,041 88,730

-1 11,842 25,850 15,192 194 9,975 24,981 16,237

-2 77 111 72 . 44 116 83

-3 119 254 145 3 180 333 214

-9 88 225 167 2 167 370 204

0 . . . . . . .

1 12,215 29,697 21,172 242 13,195 31,001 20,723

2 1,679 3,876 2,825 24 1,244 2,908 2,104

3 1,605 3,591 2,578 20 1,152 2,718 1,766

9 . . . . . . .

Total 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**94. Ever Use Smokeless Tobacco** **EVERUSE** [Return to Index](#INDEX4_4)

**EDITS:** None

**DESCRIPTION:** This variable characterizes the information on CPS Tobacco-use Supplements for have you ever used tobacco other than the smoking of cigarettes. This variable is a companion variable to the variable defined as CURRUSE, which characterizes the concept of current use of tobacco products other than the smoking of cigarettes. The variable, EVERUSE, is a 5-digit character string in which each digit represents a have used response for the various types of other tobacco uses that were surveyed. Reading the digits from left to right, the individual digit components are:

1st digit, have ever used any other tobacco option other than cigarettes

2nd digit, have ever used pipes

3rd digit, have ever used cigars

4th digit, have ever used chewing tobacco

5th digit, have ever used snuff

For each digit the possible response values are:

1 – a yes response to, has … ever used this other tobacco-use option

2 – a no response to, has … ever used this other tobacco-use option

9 – response is not eligible, that is, other survey questions have ruled out the possibility of a response to this item, or the response is missing for any reason.

An example of a possible response for the variable, EVERUSE, would be: for EVERUSE = ‘12122’ this person has at some time used other tobacco items, this person has been or is a cigar smoker, but this person has not at any time been a user of any of the other forms of other tobacco use.

**NOTE 1:** This variable is generated by NLMS staff and is an attempt to characterize the ever use information available in the survey supplement. Information on other tobacco use was available for all CPS Tobacco-use supplements that are included in the NLMS. However, there was no attempt by supplement designers to maintain a consistency of the questions asked concerning the ever use of these other tobacco use options across the time period covered by the NLMS. Slight changes in the wording of the probing questions were made over time in an attempt to elicit better information on ever use or the concept of ever use was incorporated into the supplement. The development of the variable, EVERUSE, by the NLMS staff used the most relevant supplement responses to develop the EVERUSE variable digit by assuming that the supplement respondents were indicating an ever use habit. In some of the earlier supplements the ever use concept was not probed. See note below. Changes that occurred in the wording of the probe questions over the time in order to make precise the probe and elicit a more exact response have been interpreted by NLMS staff in order to create a one concept definition of ever use. Subtle variations in the wording have been generalized by NLMS staff to the concept of ever use defined for this variable.

**NOTE 2**: Over time, the different tobacco-use supplements addressed the issue of a current user versus someone who has ever used the product. Later surveys first probed if the person had ever used other tobacco options, if so, the ever use aspect was probed for the specific other-tobacco use options. If ever use was indicated then a probe of current use was made. For these later surveys, the determination of the CURRUSE and EVERUSE digit responses would be represented separately and appropriately by the two variables. For the earlier supplements, the probe generally sought just current use. For NLMS purposes, the determination of the digits for EVERUSE would be assigned the same response as those determined for the CURRUSE response. It is not clear in the earlier supplements if a former user was identified as a user or current user.

**NOT AVAILABLE:** 7303-8503, 8603-9103, 9413, 9703

**CODES for files**: 8509, 9203, 9303, 9503, 9603, 9803–1103

11111

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12212

12221

12222

22222

99999

**FREQUENCIES:**

EVERUSE\counts: 8509 9203 9303 9503 9603 9803 9903 0003 0103 0203

blank . 16,950 24,296 23,303 8,243 26,003 48,536 23,755 35,810 32,057

11111 6 75 117 91 129 85 47 400 523 92

11112 8 81 85 85 83 81 70 215 293 65

11121 1 6 15 6 9 13 8 28 46 12

11122 138 311 418 297 395 317 384 840 952 175

11211 5 8 9 10 7 7 40 9 7 3

11212 40 39 57 43 57 45 354 65 83 18

11221 12 11 17 12 13 15 144 11 25 3

11222 901 680 843 625 709 494 277 787 876 192

12111 8 2 7 5 17 9 . 55 76 8

12112 45 40 38 47 60 48 . 202 288 63

12121 9 8 9 13 10 16 . 60 81 15

12122 761 361 532 419 493 538 . 1,614 1,893 415

12211 126 50 79 66 103 45 . 111 92 19

12212 1,847 519 824 581 761 633 . 955 956 192

12221 1,089 285 424 306 389 297 . 373 407 77

12222 59 . . . . . . . . .

22222 97,198 21,247 30,984 28,012 33,657 30,364 15,688 34,918 29,334 6,627

99999 42,445 2,877 4,145 21,564 20,420 7,163 3,627 4,924 7,195 39,489

Total 144,698 43,550 62,899 75,485 65,555 66,173 69,175 69,322 78,937 79,522

EVERUSE\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 80,843 144,459 133,632 70,859 88,178 129,492 106,672 69,041 85,396

11111 689 64 340 730 585 2 61 192 127

11112 410 32 194 532 431 2 57 142 107

11121 59 8 51 151 115 1 303 635 450

11122 1,208 81 817 1,811 1,280 10 547 1,071 626

11211 16 2 233 582 521 5 51 129 88

11212 151 11 269 721 540 6 81 257 202

11221 36 2 112 310 252 3 500 1,082 808

11222 1,203 87 1,867 4,701 3,629 36 1,487 3,570 2,358

12111 125 10 7 23 21 . 3 2 8

12112 497 46 11 32 26 . 10 20 12

12121 121 13 4 19 9 . 38 47 37

12122 2,965 268 204 474 250 . 144 351 192

12211 198 16 86 195 167 . 11 19 11

12212 1,562 156 221 470 372 1 83 211 161

12221 673 92 152 345 259 2 427 1,055 729

12222 . . . . . . . . .

22222 50,089 5,046 17,050 40,125 27,199 300 17,311 41,338 27,695

99999 13,560 916 6,007 12,383 9,908 195 4,843 12,306 11,054

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**95. Currently Use Smokeless Tobacco** **CURRUSE** [Return to Index](#INDEX4_4)

**EDITS:** None

**DESCRIPTION:** This variable characterizes the information on CPS Tobacco-use Supplements for current, or currently using, use of tobacco other than the smoking of cigarettes. This variable is a companion variable to the variable defined as EVERUSE, which characterizes the concept of ever use of tobacco products other than the smoking of cigarettes. The variable, CURRUSE, is a 5-digit character string in which each digit represents the current use response for the various types of other tobacco uses that were surveyed. Reading the digits from left to right, the individual digit components are:

1st digit, current user of any other tobacco option other than cigarettes

2nd digit, current user of pipes

3rd digit, current user of cigars

4th digit, current user of chewing tobacco

5th digit, current user of snuff

For each digit the possible response values are:

1 – a yes response to, are you a current user of this other tobacco-use option

2 – a no response to, are you a current user of this other tobacco-use option

9 – response is not eligible, that is, other survey questions have ruled out the possibility of a response to this item, or the response is missing for any reason.

An example of a possible response for the variable, CURRUSE, would be: for CURRUSE = ‘12122’ this person is a current user of other tobacco items, the person is currently a cigar smoker, but the person is not a user of any of the other forms of other tobacco use.

**NOTE 1:** This variable is generated by NLMS staff and is an attempt to characterize the current use information available in the survey supplement. Information on other tobacco use was available for all CPS Tobacco-use Supplements that are included in the NLMS. However, there was no attempt by the supplement designers to maintain a consistency of the questions asked concerning the current use of these other tobacco use options across the time period covered by the NLMS. Slight changes in the wording of the probing questions were made over time in an attempt to elicit better information on current use. The development of the variable, CURRUSE, by the NLMS staff used the most relevant supplement responses to develop the CURRUSE variable digit by assuming that the supplement respondents were indicating a current use habit. For example, for some surveys the probe might be, ”does … use… ?”, for other surveys the probe might have been, “does … regularly use … ?” or, “does … currently use … ?” . For NLMS purposes, these responses would have resulted in the relevant digit being coded as a, “1”, in spite of the possibly subtle differences in the wording and therefore, the subtle differences in the respondent interpretation of the probing question.

**NOTE 2:** Over time, the different tobacco-use supplements addressed the issue of a current user versus someone who has ever used the product. Later surveys first probed if the person had ever used other tobacco options, if so, the ever use was probed for the specific other-tobacco use options. If ever use was indicated then a probe of current use was made. For these later surveys, the determination of the CURRUSE and EVERUSE digit responses would be represented separately by the two variables. For the earlier supplements, the probe generally sought current use. The determination of the digits for EVERUSE would be assigned the same response as those determined for the CURRUSE response. It is not clear in the earlier supplements if a former user was identified as a user or current user.

**NOT AVAILABLE:** 7303-8503, 8603-9103, 9413, 9703

**CODES for files**: 8509, 9203, 9303, 9503, 9603, 9803–1103

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11122

11211

11212

11221

11222

12111

12112

12121

12122

12211

12212

12221

12222

22222

99999

**FREQUENCIES:**

CURRUSE\counts: 8509 9203 9303 9503 9603 9803 9903 0003 0103 0203

blank . 16,950 24,296 23,303 8,243 26,003 48,536 23,755 35,810 32,057

11111 6 2 3 2 4 2 . 5 2 .

11112 8 4 3 4 4 4 1 9 9 1

11121 1 . 1 1 . . . 1 1 .

11122 138 25 36 29 30 46 29 83 40 9

11211 5 . . 1 . . . . . .

11212 40 4 7 4 5 4 4 6 7 1

11221 12 . 1 2 3 . . 2 2 1

11222 901 127 188 112 130 119 55 137 138 24

12111 8 . 1 3 3 1 3 11 6 1

12112 45 4 7 10 11 22 8 48 22 11

12121 9 . . 4 2 7 . 12 15 1

12122 761 146 206 208 264 369 159 892 713 152

12211 126 13 24 17 23 18 10 35 22 7

12212 1,847 316 466 312 446 361 183 465 399 79

12221 1,089 178 277 229 274 187 100 226 209 40

22222 97,257 22,904 33,238 29,680 35,693 31,867 16,460 38,711 34,347 7,649

99999 42,445 2,877 4,145 21,564 20,420 7,163 3,627 4,924 7,195 39,489

Total 144,698 43,550 62,899 75,485 65,555 66,173 69,175 69,322 78,937 79,522

CURRUSE\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 80,843 144,459 133,632 70,859 88,178 129,492 106,672 69,041 85,396

11111 3 1 2 9 7 . . 2 3

11112 8 . 2 10 7 . 5 2 2

11121 1 . 1 4 2 . 7 8 5

11122 77 10 26 81 66 1 22 40 40

11211 . 1 7 30 17 . 1 5 5

11212 5 1 25 50 50 . 2 17 10

11221 5 . 19 36 28 . 37 81 52

11222 167 10 516 1,395 1,085 13 334 859 542

12111 15 1 . 1 1 . . 1 .

12112 46 6 2 2 1 . 1 1 7

12121 17 3 . 1 3 . 1 6 4

12122 1,140 114 35 85 52 . 26 76 47

12211 45 5 43 90 94 . 2 2 1

12212 576 70 135 301 239 1 23 65 53

12221 332 48 151 376 287 . 326 707 525

22222 57,565 5,664 20,654 48,750 33,717 353 20,327 48,249 32,315

99999 13,560 916 6,007 12,383 9,908 195 4,843 12,306 11,054

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**DEATH CERTIFICATE INFORMATION VARIABLES**

**96. Death Certificate Number** **DCNUM** [Return to Index](#INDEX4_5)

**EDITS:** None

**DESCRIPTION:** The death certificate number for deaths is taken from the control file used for each match to the NDI. The death certificate number is unique only within a given year for the given state. Death certificate number is not available for deaths that occurred in New York, including both New York City and the rest of the state.

**NOTE:** Blank for alive.

**AVAILABLE FILES:** All files

**97. State of Death** **SOD** [Return to Index](#INDEX4_5)

**EDITS:** None

**DESCRIPTION:** State of death taken from the death certificate information collected in Jeffersonville (for cohorts prior to 8603) or from the NDI 2006 match file (for cohorts 8603 - 0203). State of death code abbreviation taken from codes used on the NDI in 1991.

**AVAILABLE FILES:** All files

**CODES for files:** All files

Code State Abbrev. Code State Abbrev.

blank Alive

01 Alabama AL 28 Nebraska NE

02 Alaska AK 29 Nevada NV

03 Arizona AZ 30 New Hampshire NH

04 Arkansas AR 31 New Jersey NJ

05 California CA 32 New Mexico NM

06 Colorado CO 33 New York (inc NY City) NY

07 Connecticut CT 34 North Carolina NC

08 Delaware DE 35 North Dakota ND

09 District of Columbia DC 36 Ohio OH

10 Florida FL 37 Oklahoma OK

11 Georgia GA 38 Oregon OR

12 Hawaii HI 39 Pennsylvania PA

13 Idaho ID 40 Rhode Island RI

14 Illinois IL 41 South Carolina SC

15 Indiana IN 42 South Dakota SD

16 Iowa IA 43 Tennessee TN

17 Kansas KS 44 Texas TX

18 Kentucky KY 45 Utah UT

19 Louisiana LA 46 Vermont VT

20 Maine ME 47 Virginia VA

21 Maryland MD 53 Virgin Islands VI

22 Massachusetts MA 48 Washington WA

23 Michigan MI 49 West Virginia WV

24 Minnesota MN 50 Wisconsin WI

25 Mississippi MS 51 Wyoming WY

26 Missouri MO 52 Puerto Rico PR

27 Montana MT 54 Guam GU

**98. Date of Death** **DOD** [Return to Index](#INDEX4_5)

**EDITS:** None

**DESCRIPTION:** Date of death taken from the National Death Index data file. For deaths matched prior to 2001 in cohorts 7303 - 8509, this date may not be the same as the date collected from the death certificate in Jeffersonville. DOD is given in MMDDYY format. Frequency counts are given below for month, day, and year respectively.

**AVAILABLE FILES:** All files

**CODES for files**:All files

blank — Alive

Months — 1-12

Days — 1-31

Years — 1979-2011

**MONTH OF DEATH for months 1-12**

month\_of\_death\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203

blank 92,542 60,431 32,289 135,577 82,804 135,398 134,249 46,330 61,924

1 3,786 3,236 979 4,624 3,869 4,490 4,091 1,434 1,807

2 3,290 2,849 924 4,103 3,450 3,802 3,615 1,291 1,660

3 3,566 3,021 959 4,370 3,709 4,154 3,880 1,354 1,729

4 3,216 2,828 892 4,024 3,403 3,802 3,612 1,228 1,704

5 3,094 2,834 898 3,975 3,503 3,836 3,607 1,309 1,528

6 2,976 2,610 815 3,811 3,248 3,591 3,412 1,209 1,421

7 2,988 2,708 883 3,965 3,265 3,704 3,416 1,239 1,557

8 3,005 2,702 909 3,868 3,233 3,637 3,324 1,219 1,564

9 2,993 2,644 812 3,891 3,196 3,811 3,373 1,179 1,536

10 3,170 2,849 883 4,117 3,342 3,908 3,598 1,315 1,657

11 3,215 2,840 886 4,071 3,496 3,963 3,562 1,290 1,669

12 3,372 3,110 969 4,475 3,827 4,277 4,026 1,407 1,724

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480

month\_of\_death\counts: 8303 8403 8503 8509 8603 8703 8803 8903 9003

blank 63,101 63,395 63,593 119,901 32,311 32,453 32,806 30,958 33,445

1 1,662 1,626 1,510 2,342 1,240 1,127 1,183 978 1,017

2 1,457 1,456 1,373 2,063 1,152 1,045 1,031 889 927

3 1,618 1,496 1,394 2,122 1,200 1,106 1,099 986 945

4 1,523 1,405 1,432 2,004 1,172 1,076 1,005 941 864

5 1,485 1,464 1,343 2,010 1,120 1,102 1,065 959 862

6 1,408 1,329 1,315 1,929 1,093 1,006 974 858 828

7 1,447 1,364 1,262 1,937 1,100 1,066 1,009 900 878

8 1,435 1,323 1,344 2,013 1,091 979 972 794 811

9 1,439 1,371 1,332 1,863 1,025 983 967 860 864

10 1,517 1,438 1,302 2,143 1,072 1,094 1,054 898 894

11 1,523 1,435 1,393 2,053 1,157 1,002 1,059 915 891

12 1,666 1,630 1,478 2,318 1,289 1,232 1,255 989 1,059

Total 81,281 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285

month\_of\_death\counts: 9103 9203 9303 9413 9503 9603 9703 9803 9903

blank 37,994 33,946 52,860 90,922 66,612 58,579 59,968 60,374 63,676

1 1,038 901 944 1,070 818 686 528 494 493

2 908 770 799 957 698 607 514 480 465

3 957 816 889 1,113 804 588 582 463 464

4 908 756 808 1,030 804 551 540 495 429

5 886 806 840 986 739 559 523 475 454

6 898 779 795 997 669 524 512 437 418

7 900 775 828 973 672 568 500 443 495

8 909 741 857 984 692 550 495 487 448

9 798 719 821 972 681 540 513 414 442

10 973 833 824 1,094 768 580 555 494 437

11 894 807 776 1,057 780 561 552 528 464

12 974 901 858 1,131 748 662 612 589 490

Total 49,037 43,550 62,899 103,286 75,485 65,555 66,394 66,173 69,175

month\_of\_death\counts: 0003 0103 0203 0303 0403 0503 0603 0703 0803

blank 62,898 73,980 74,711 149,012 146,778 157,046 130,886 130,787 127,799

1 580 404 458 447 374 340 293 220 150

2 517 368 355 428 354 305 250 209 157

3 518 444 409 466 386 327 300 231 173

4 581 411 430 462 375 347 286 261 207

5 529 451 386 415 391 353 330 254 193

6 537 384 345 445 379 334 267 257 168

7 489 410 398 456 376 336 292 265 192

8 497 393 388 415 354 343 268 244 187

9 446 401 367 440 366 362 285 245 199

10 587 397 441 451 402 371 333 233 198

11 553 431 420 489 374 369 343 270 204

12 590 463 414 479 400 424 330 266 228

Total 69,322 78,937 79,522 154,405 151,309 161,257 134,463 133,742 130,055

month\_of\_death\counts: 0903 1003 1103

blank 130,977 130,423 129,682

1 118 63 .

2 111 50 .

3 141 69 9

4 149 88 48

5 170 97 40

6 126 90 28

7 118 82 37

8 135 115 37

9 149 77 45

10 153 104 45

11 130 101 35

12 152 109 55

Total 132,629 131,468 130,061

**DAY OF DEATH for days 1-31**

day\_of\_death\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203

blank 92,542 60,431 32,289 135,577 82,804 135,398 134,249 46,330 61,924

1 1,336 1,133 370 1,609 1,382 1,540 1,435 515 613

2 1,260 1,125 389 1,618 1,357 1,555 1,466 496 653

3 1,334 1,090 324 1,583 1,405 1,475 1,462 527 666

4 1,319 1,012 381 1,570 1,393 1,591 1,447 491 722

5 1,232 1,119 354 1,611 1,343 1,536 1,384 501 686

6 1,280 1,100 333 1,556 1,365 1,562 1,404 502 623

7 1,324 1,104 360 1,706 1,321 1,522 1,519 516 626

8 1,349 1,122 359 1,688 1,372 1,580 1,421 514 642

9 1,282 1,123 366 1,674 1,395 1,604 1,459 513 638

10 1,253 1,118 335 1,614 1,400 1,536 1,479 476 649

11 1,296 1,083 340 1,602 1,395 1,588 1,429 525 641

12 1,282 1,167 350 1,619 1,413 1,542 1,439 567 628

13 1,222 1,160 370 1,672 1,377 1,493 1,468 486 597

14 1,307 1,163 327 1,575 1,327 1,551 1,405 482 606

15 1,199 1,184 374 1,576 1,318 1,560 1,460 495 667

16 1,239 1,142 357 1,613 1,371 1,513 1,447 488 636

17 1,315 1,122 384 1,665 1,364 1,555 1,364 507 662

18 1,299 1,112 367 1,622 1,467 1,474 1,494 518 637

19 1,213 1,129 319 1,625 1,380 1,521 1,459 523 676

20 1,274 1,114 336 1,591 1,373 1,571 1,382 507 656

21 1,222 1,175 330 1,654 1,307 1,550 1,406 503 634

22 1,234 1,130 361 1,613 1,359 1,524 1,362 532 632

23 1,274 1,112 336 1,668 1,361 1,515 1,427 510 623

24 1,216 1,156 368 1,612 1,407 1,523 1,429 503 662

25 1,246 1,143 332 1,587 1,350 1,559 1,435 499 606

26 1,306 1,069 378 1,665 1,357 1,506 1,448 500 634

27 1,224 1,155 372 1,618 1,290 1,641 1,374 514 622

28 1,262 1,132 349 1,619 1,370 1,505 1,462 508 676

29 1,175 1,027 322 1,484 1,267 1,404 1,290 467 632

30 1,196 1,083 346 1,439 1,224 1,467 1,259 469 534

31 701 627 220 946 731 912 801 320 377

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480

day\_of\_death\counts: 8303 8403 8503 8509 8603 8703 8803 8903 9003

blank 63,101 63,395 63,593 119,901 32,311 32,453 32,806 30,958 33,445

1 604 553 550 806 459 424 410 395 332

2 588 540 524 790 469 407 398 376 366

3 610 568 541 779 470 397 423 364 348

4 571 585 524 865 462 430 436 393 334

5 602 588 527 857 474 424 448 326 366

6 583 519 577 814 431 413 417 359 352

7 568 542 517 845 466 423 429 365 322

8 604 565 537 822 466 415 454 340 356

9 648 573 573 801 486 422 382 321 365

10 579 609 553 809 444 412 439 342 372

11 580 529 525 829 417 462 400 352 371

12 595 582 559 823 448 433 409 390 383

13 568 549 542 859 479 424 458 349 359

14 595 559 551 803 457 418 416 349 366

15 647 563 543 872 470 416 371 353 361

16 535 597 546 828 441 426 442 367 380

17 591 585 548 784 434 425 407 384 349

18 565 552 506 782 464 438 396 357 348

19 587 592 543 868 451 433 424 341 348

20 634 591 518 814 411 429 384 342 375

21 581 579 514 803 439 401 431 377 333

22 625 576 535 813 435 412 407 348 362

23 593 545 569 760 448 410 416 377 310

24 608 572 583 824 423 462 406 361 345

25 612 593 553 814 431 415 456 388 356

26 632 573 536 764 463 418 418 327 360

27 633 586 521 807 430 398 432 389 365

28 572 587 532 803 478 403 396 354 367

day\_of\_death\counts: 8303 8403 8503 8509 8603 8703 8803 8903 9003

(cont.)

29 556 562 507 719 394 416 393 323 326

30 572 466 493 729 399 386 339 353 345

31 342 357 331 511 272 226 236 205 218

Total 81,281 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285

day\_of\_death\counts: 9103 9203 9303 9413 9503 9603 9703 9803 9903

blank 37,994 33,946 52,860 90,922 66,612 58,579 59,968 60,374 63,676

1 373 299 341 431 275 266 216 171 200

2 369 300 341 416 319 222 175 176 166

3 360 312 316 402 285 215 190 176 156

4 356 325 323 442 299 229 206 189 177

5 375 333 338 382 300 251 217 172 195

6 402 303 346 385 265 214 228 202 186

7 355 314 337 415 300 263 210 194 206

8 387 347 328 384 315 218 200 184 207

9 369 316 323 402 306 218 230 182 184

10 385 338 334 408 331 219 215 185 180

11 364 325 342 391 291 233 217 240 208

12 368 300 330 456 297 260 217 176 156

13 371 303 310 420 281 252 234 174 188

14 354 318 310 403 296 234 207 175 192

15 384 333 336 399 291 211 213 191 197

16 363 327 325 418 297 211 222 228 174

17 354 339 337 409 284 218 206 190 170

18 357 326 336 420 267 243 231 173 167

19 329 310 328 414 303 217 215 201 199

20 340 315 315 441 289 224 189 181 180

21 354 311 331 396 278 235 212 215 164

22 371 313 354 412 304 224 187 212 174

23 360 322 316 416 272 210 208 212 152

24 360 294 302 388 276 230 226 199 185

25 358 324 341 397 281 218 209 171 179

26 350 320 350 345 310 239 207 191 183

27 373 299 333 392 270 241 221 194 181

28 357 318 309 404 295 207 193 194 158

29 310 275 297 369 255 220 203 174 152

30 328 259 307 372 266 194 199 177 178

31 207 186 203 235 175 140 123 100 105

Total 49,037 43,550 62,899 103,286 75,485 65,555 66,394 66,173 69,175

day\_of\_death\counts: 0003 0103 0203 0303 0403 0503 0603 0703 0803

blank 62,898 73,980 74,711 149,012 146,778 157,046 130,886 130,787 127,799

1 191 153 157 184 148 122 122 88 80

2 218 137 147 195 150 124 114 107 70

3 194 174 168 173 149 139 124 101 81

4 215 155 154 171 147 135 127 107 76

5 219 157 155 177 129 153 134 99 76

6 210 175 148 165 147 162 126 86 56

7 204 156 136 189 154 147 133 90 68

8 215 156 181 187 131 120 123 90 86

9 244 174 160 167 174 153 125 101 80

10 226 182 139 193 154 133 99 89 71

11 218 182 158 200 148 142 122 105 82

12 212 159 184 186 158 140 106 87 71

13 199 156 139 168 130 133 100 91 71

14 201 148 153 195 162 131 110 82 67

15 214 161 157 173 150 126 112 104 72

16 199 160 162 164 179 140 133 95 77

17 218 159 162 188 155 136 128 95 73

18 224 138 149 168 134 137 113 109 67

19 211 180 154 176 138 131 110 98 77

20 219 167 163 159 148 141 125 96 74

21 191 154 187 177 150 119 95 84 64

22 200 165 149 180 151 134 125 89 76

23 209 157 165 166 163 129 104 87 67

day\_of\_death\counts: 0003 0103 0203 0303 0403 0503 0603 0703 0803

(cont.)

24 244 172 145 161 161 138 108 101 91

25 198 159 165 171 129 145 110 127 82

26 201 176 170 172 143 144 128 96 67

27 226 153 148 166 143 157 123 95 82

28 206 167 151 178 136 141 115 112 70

29 167 172 147 168 134 151 109 97 63

30 197 150 161 174 138 135 122 91 73

31 134 103 97 102 98 73 52 56 46

Total 69,322 78,937 79,522 154,405 151,309 161,257 134,463 133,742 130,055

day\_of\_death\counts: 0903 1003 1103

blank 130,977 130,423 129,682

1 66 31 14

2 47 34 12

3 43 32 16

4 44 35 9

5 54 34 14

6 64 29 12

7 47 46 21

8 59 25 19

9 66 27 8

10 56 32 7

11 49 32 19

12 60 38 10

13 59 30 9

14 50 39 14

15 53 35 11

16 57 27 19

17 62 36 13

18 44 40 15

19 56 36 7

20 55 30 12

21 52 47 12

22 52 33 14

23 49 31 10

24 58 48 11

25 62 38 13

26 54 34 13

27 63 30 7

28 47 32 10

29 47 37 12

30 45 28 7

31 32 19 9

Total 132,629 131,468 130,061

**YEAR OF DEATH for years 1979-2011**

year\_of\_death\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203

blank 92,542 60,431 32,289 135,577 82,804 135,398 134,249 46,330 61,924

1979 1,041 865 184 . . 1 . . .

1980 1,068 920 277 868 . 444 49 . .

1981 1,069 896 289 1,317 1,267 1,273 1,153 316 .

1982 1,058 959 267 1,259 1,320 1,263 1,159 436 405

1983 1,110 890 330 1,364 1,256 1,338 1,253 427 558

1984 1,090 975 317 1,466 1,338 1,401 1,266 443 545

1985 1,116 1,000 283 1,483 1,391 1,538 1,346 452 598

1986 1,175 1,012 286 1,516 1,261 1,466 1,359 447 585

1987 1,156 1,024 321 1,529 1,318 1,480 1,413 446 644

1988 1,138 964 344 1,594 1,378 1,509 1,443 458 622

1989 1,202 1,059 345 1,616 1,401 1,434 1,449 498 603

1990 1,163 1,020 332 1,567 1,364 1,559 1,453 532 633

1991 1,157 1,016 342 1,621 1,312 1,490 1,468 493 670

1992 1,203 1,029 362 1,650 1,385 1,500 1,440 500 684

1993 1,232 1,125 354 1,573 1,354 1,661 1,541 531 650

1994 1,234 1,072 346 1,681 1,422 1,579 1,566 503 719

1995 1,265 1,157 358 1,717 1,485 1,710 1,553 521 764

1996 1,293 1,114 347 1,739 1,509 1,687 1,547 563 719

1997 1,272 1,084 391 1,650 1,438 1,685 1,576 523 695

1998 1,235 1,209 349 1,703 1,465 1,669 1,626 596 749

1999 1,219 1,064 315 1,569 1,473 1,400 1,301 497 727

2000 1,237 1,147 351 1,548 1,551 1,527 1,374 535 667

2001 1,252 1,099 361 1,590 1,530 1,498 1,413 557 662

2002 1,285 1,096 343 1,615 1,456 1,426 1,398 545 746

2003 1,211 1,064 339 1,523 1,283 1,499 1,412 519 645

2004 1,137 998 325 1,579 1,207 1,461 1,340 503 681

2005 1,199 1,047 324 1,564 1,185 1,409 1,450 531 685

2006 1,149 1,019 355 1,509 1,223 1,481 1,361 536 624

2007 1,106 1,016 349 1,574 1,159 1,515 1,375 494 660

2008 1,118 1,123 359 1,618 1,225 1,529 1,415 526 653

2009 1,157 1,056 319 1,611 1,180 1,507 1,348 529 618

2010 1,190 1,015 331 1,531 1,177 1,505 1,355 519 668

2011 1,134 1,097 314 1,550 1,228 1,531 1,314 498 677

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480

year\_of\_death\counts: 8303 8403 8503 8509 8603 8703 8803 8903 9003

blank 63,101 63,395 63,593 119,901 32,311 32,453 32,806 30,958 33,445

1979 . . . . . . . . .

1980 . . . . . . . . .

1981 . . . 1 . . . . .

1982 . . . . . . . . 1

1983 362 . 1 . 2 1 . . .

1984 553 365 . . . . 1 . .

1985 566 522 385 217 . . . . .

1986 594 555 545 838 273 1 . 1 .

1987 539 567 567 849 427 279 . . .

1988 586 584 520 885 437 428 326 . .

1989 628 596 582 895 478 444 439 252 1

1990 624 563 598 983 504 469 426 343 253

1991 600 638 543 920 452 474 481 427 409

1992 624 616 595 977 531 456 497 412 404

1993 645 633 646 987 555 507 525 459 458

1994 610 677 679 1,036 567 498 492 465 487

1995 695 647 676 1,033 569 501 518 490 482

1996 733 695 701 1,078 555 528 505 510 516

1997 702 699 685 1,037 560 508 556 500 508

1998 661 641 661 1,009 558 565 529 481 517

1999 681 676 708 951 525 546 560 550 506

2000 643 640 622 928 524 559 597 475 517

2001 639 712 633 929 584 576 566 512 538

2002 706 679 623 984 574 564 550 531 547

2003 642 637 654 938 566 557 556 511 523

2004 624 561 622 878 539 537 560 494 511

year\_of\_death\counts: 8303 8403 8503 8509 8603 8703 8803 8903 9003

(cont.)

2005 603 585 593 970 561 520 568 531 545

2006 670 664 612 921 570 537 566 518 486

2007 624 633 597 884 560 561 550 508 514

2008 698 638 639 919 554 529 565 465 546

2009 632 625 600 901 558 556 610 525 528

2010 603 658 600 898 557 552 569 501 535

2011 693 631 591 951 571 565 561 506 508

Total 81,281 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285

year\_of\_death\counts: 9103 9203 9303 9413 9503 9603 9703 9803 9903

blank 37,994 33,946 52,860 90,922 66,612 58,579 59,968 60,374 63,676

1979 . . . 1 . . . . .

1980 . . . . . . . . .

1981 . . . . . . . . .

1982 . . . . . . . . .

1983 2 . . . . . . 1 .

1984 . . 1 . . . . . .

1985 . . . . . 1 1 . .

1986 . . . 1 2 . . . .

1987 . . . . . . 1 . .

1988 . . . . . . . . .

1989 1 . . 2 . . . . 1

1990 1 . . . . . 1 . .

1991 277 . . . . . . . .

1992 431 247 . . . . . . .

1993 479 413 266 . . . . . .

1994 514 387 456 489 . . 1 . .

1995 467 454 490 669 328 . . . .

1996 488 472 534 667 498 293 1 . .

1997 521 451 550 680 506 392 289 . .

1998 510 511 591 685 521 426 438 260 .

1999 499 514 560 734 534 414 433 367 300

2000 550 482 565 715 563 450 458 389 382

2001 590 468 553 731 571 478 423 425 433

2002 566 484 620 785 618 475 444 445 421

2003 546 540 556 695 546 387 462 415 427

2004 534 543 537 714 502 416 421 432 401

2005 573 524 518 679 541 493 430 428 398

2006 573 529 496 683 522 441 434 431 420

2007 602 474 574 645 464 444 420 436 479

2008 553 536 582 734 522 486 430 431 444

2009 559 511 516 707 519 461 425 458 456

2010 590 532 556 669 528 478 447 432 471

2011 617 532 518 679 588 441 467 449 466

Total 49,037 43,550 62,899 103,286 75,485 65,555 66,394 66,173 69,175

year\_of\_death\counts: 0003 0103 0203 0303 0403 0503 0603 0703 0803

blank 62,898 73,980 74,711 149,012 146,778 157,046 130,886 130,787 127,799

1979 . . . . . . . . .

1980 . . . . . . . . .

1981 . . . . . . . . .

1982 . . . . . . . . .

1983 . . . . . . . . .

1984 . . . . . . . . .

1985 . . . . . . . . .

1986 . . . . . . . . .

1987 . . . . . . . . .

1988 . . . . . . . . .

1989 . . . . . . . . .

1990 . . . . . . . . .

1991 . . . . . . . . .

1992 . . . . . . . . .

1993 . . . . . . . . .

1994 . . . . . . . . .

1995 . . . . . . . . .

year\_of\_death\counts: 0003 0103 0203 0303 0403 0503 0603 0703 0803

(cont.)

1996 . . . . . . . . .

1997 . . . . . . . . .

1998 1 . . . . . . . .

1999 400 . . . . . . . .

2000 632 9 6 . . . . . .

2001 765 314 1 . . . . . .

2002 800 451 335 . . . . . .

2003 375 438 458 413 . . . . .

2004 381 434 458 543 372 . . . .

2005 416 484 514 575 518 427 . . .

2006 432 452 469 601 542 593 411 . .

2007 407 446 483 651 603 634 570 447 .

2008 459 510 514 647 661 620 621 613 393

2009 471 451 503 646 588 578 636 621 582

2010 399 495 510 647 592 666 669 610 657

2011 486 473 560 670 655 693 670 664 624

Total 69,322 78,937 79,522 154,405 151,309 161,257 134,463 133,742 130,055

year\_of\_death\counts: 0903 1003 1103

blank 130,977 130,423 129,682

1979 . . .

1980 . . .

1981 . . .

1982 . . .

1983 . . .

1984 . . .

1985 . . .

1986 . . .

1987 . . .

1988 . . .

1989 . . .

1990 . . .

1991 . . .

1992 . . .

1993 . . .

1994 . . .

1995 . . .

1996 . . .

1997 . . .

1998 . . .

1999 . . .

2000 . . .

2001 . . .

2002 . . .

2003 . . .

2004 . . .

2005 . . .

2006 . . .

2007 . . .

2008 . . .

2009 392 . .

2010 619 421 .

2011 641 624 379

Total 132,629 131,468 130,061

**99. ICD-9 & ICD-10 Underlying Cause of Death** **UCAUSE** [Analysis File](#UCAUSE_90) [Return to Index](#INDEX4_5)

**EDITS:** Simple

**DESCRIPTION:** The underlying cause of death taken from the death certificate information. Reference for coding is: International Classification of Diseases, published by the World Health Organization 1977, Volumes 1 and 2 (ICD-9), and 1992 (ICD-10).

**NOTE**: There are 28 cases in the NLMS that have a value of IND201 of ‘2’ indicating the survey participant is deceased yet the underlying cause of death, UCAUSE, is unknown, ‘0000’ and all information about the death is missing. This missing information is under review and, hopefully, will be resolved following the next match of NLMS records to the NDI. An initial review of these 28 cases indicates that there are no biases evident in terms of occurrence in a particular file or a particular gender-race-Hispanic status classification.

**AVAILABLE FILES:** All files

**CODES for files:** All files

blank — Person is alive or person is deceased, with cause yet to be determined

0001-9999 — Person is deceased, with cause of death determined by ICD-9 coding

A000-Z999 — Person is deceased, with cause of death determined by ICD-10 coding

**FREQUENCIES:**

UCAUSE\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

blank 92,545 60,434 32,289 135,578 82,807 135,400 134,250 46,330 61,925 63,101

0001-9999 23,276 20,388 6,424 28,911 24,659 27,686 25,660 8,684 10,843 9,721

A000-Z999 15,392 13,840 4,385 20,382 16,879 19,287 17,855 6,790 8,712 8,459

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

UCAUSE\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

blank 63,395 63,596 119,902 32,311 32,453 32,806 30,958 33,445 37,994 33,946

0001-9999 8,997 8,383 12,740 6,465 5,658 5,294 4,338 4,036 3,691 2,935

A000-Z999 8,340 8,092 12,056 7,246 7,160 7,379 6,629 6,804 7,352 6,669

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

UCAUSE\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

blank 52,860 90,922 66,612 58,579 59,968 60,374 63,676 62,898 73,980 74,711

0001-9999 2,888 3,194 1,855 1,112 732 261 1 1 . .

A000-Z999 7,151 9,170 7,018 5,864 5,694 5,538 5,498 6,423 4,957 4,811

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

UCAUSE\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 149,012 146,778 157,046 130,886 130,787 127,799 130,977 130,423 129,682

0001-9999 . . . . . . . . .

A000-Z999 5,393 4,531 4,211 3,577 2,955 2,256 1,652 1,045 379

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**100. First 3 Characters of Underlying Cause** **CAUSE3** [Analysis File](#CAUSE3_91) [Return to Index](#INDEX4_5)

**EDITS:** None

**DESCRIPTION:** A three-character variable that is an extract of the first three characters of the variable [UCAUSE](#UCAUSE).

(Appears in Analysis file only)

**101. 113 Selected Causes of Death** **CAUSE113** [Analysis File](#CAUSE113_92) [Return to Index](#INDEX4_5)

**EDITS:** None

**DESCRIPTION:** In 1992 the CDC’s National Center for Health Statistics (NCHS) published a standardized list of 113 selected causes of death, for the general analysis of mortality statistics and for ranking leading causes of death. For NLMS purposes, all causes of death, both ICD-9 and ICD-10, have been assigned to the NCHS 113 causes. This definition assigned causes based on the NCHS-identified value for mortality identified after the 2006 match. For mortality identified before the 2006 match, NLMS staff developed software to make the assignment from ICD-9 codes using an NCHS-developed algorithm. Thus, CAUSE113 is defined for all causes of death.

(Appears in Analysis file only)

**102. Hospital Type** **HOSP** [Return to Index](#INDEX5_1)

**EDITS:** None

**DESCRIPTION:** Describes the place of death.

**NOT AVAILABLE:** 9903–0203

**CODES for files:** 7303–9803, 0303-1103

blank — Alive

1 — Entry on death certificate includes hospital or medical center, or is a clinic of a hospital

2 — Entry is a type of institution other than hospital or medical center, such as nursing home, professional center, doctor's office, or clinic other than a hospital clinic

3 — Entry includes the word "clinic" but does not indicate whether or not it is of a hospital

4 — Entry is a street address (or home, or work, etc.) only

5 — Other entries which do not include the word "Hospital" or "Medical Center"

6 — Hospice

7 — Unknown

9 — Blank or illegible on the death certificate

**FREQUENCIES:**

HOSP\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

blank 92,710 60,612 32,351 135,939 83,120 135,734 134,567 46,449 62,049 63,274

1 20,693 18,149 5,810 25,919 21,601 24,580 22,468 7,973 10,057 9,223

2 7,586 6,625 2,053 9,660 8,566 9,212 8,648 3,043 3,774 3,572

3 64 51 17 95 72 81 75 33 45 33

4 8,424 7,634 2,358 10,872 8,963 10,532 9,753 3,446 4,500 4,141

5 1,232 1,090 366 1,716 1,473 1,583 1,579 611 731 735

6 292 266 89 374 279 357 349 133 172 164

7 194 217 40 253 238 254 290 109 138 133

9 18 18 14 43 33 40 36 7 14 6

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

HOSP\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

blank 63,551 63,726 120,182 32,519 32,615 32,944 31,077 33,599 38,152 34,086

1 8,771 8,407 12,492 6,613 6,120 6,127 5,230 5,078 5,149 4,500

2 3,392 3,305 5,034 2,871 2,737 2,648 2,292 2,225 2,278 2,120

3 31 44 68 25 31 30 26 31 31 41

4 4,052 3,768 5,590 2,933 2,933 2,918 2,631 2,640 2,740 2,222

5 653 592 959 829 622 593 491 511 484 410

6 164 154 225 139 137 135 116 127 145 119

7 105 72 144 93 76 84 62 74 58 52

9 13 3 4 . . . . . . .

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

HOSP\counts: 9303 9413 9503 9603 9703 9803 0303 0403 0503 0603

blank 52,997 91,289 66,859 58,697 60,100 60,501 149,124 146,881 157,162 130,917

1 4,584 5,684 3,985 3,215 2,874 2,537 2,321 1,941 1,778 1,540

2 2,236 2,412 1,800 1,421 1,304 1,191 945 758 644 576

3 29 29 37 31 21 25 40 37 32 28

4 2,423 3,006 2,205 1,692 1,649 1,483 1,524 1,294 1,208 1,051

5 462 651 442 354 331 319 311 250 274 207

6 121 159 120 123 92 98 111 127 136 118

7 47 56 37 22 23 19 29 21 23 26

9 . . . . . . . . . .

Total 62,899 103,286 75,485 65,555 66,394 66,173 154,405 151,309 161,257 134,463

HOSP\counts: 0703 0803 0903 1003 1103

blank 130,830 127,831 131,005 130,437 129,689

1 1,248 938 689 431 158

2 461 295 213 130 37

3 20 10 9 12 .

4 847 705 510 334 136

5 210 141 118 69 20

6 109 111 75 55 21

7 17 24 10 . .

9 . . . . .

Total 133,742 130,055 132,629 131,468 130,061

**103. Did Death Occur in a Hospital** **HOSPD** [Return to Index](#INDEX5_1)

**EDITS:** None

**DESCRIPTION:** Indicates the location of death relative to a hospital. Response is determined from the death certificate. Certain states do not have this item on their certificate. For these states a code 9 is assigned for this variable. Approximately 2.5% of the deaths observed occur in these states.

**NOT AVAILABLE:** 9903–0203

**CODES for files:** 7303–9803, 0303-1103

blank — Alive

1 — DOA (a special box must be present and marked on the death certificate)

2 — Inpatient

3 — Outpatient/Emergency

4 — Other hospital visit

5 — Not in hospital

6 — Not on death certificate/unable to determine

9 — Blank on certificate or illegible

**FREQUENCIES:**

HOSPD\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

blank 92,711 60,612 32,351 135,939 83,120 135,734 134,567 46,449 62,049 63,274

1 1,014 983 238 1,236 1,042 1,136 1,065 387 436 348

2 15,306 13,500 4,311 19,594 16,409 18,576 16,961 5,999 7,675 7,174

3 5,230 4,686 1,536 6,933 5,557 6,705 6,162 2,285 2,849 2,708

4 4 4 . 2 4 7 6 2 3 1

5 13,890 12,354 3,858 17,982 15,602 17,179 16,161 5,749 7,346 6,809

6 2,654 2,164 693 2,618 2,164 2,489 2,342 775 919 765

9 404 359 111 567 447 547 501 158 203 202

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

HOSPD\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

blank 63,551 63,726 120,182 32,519 32,615 32,944 31,077 33,599 38,152 34,086

1 341 325 487 249 241 242 172 169 171 137

2 6,853 6,638 9,847 5,441 5,044 5,009 4,264 4,204 4,188 3,692

3 2,603 2,631 4,007 2,255 2,177 2,236 2,008 1,946 2,128 2,003

4 2 2 . . . . . . . .

5 6,615 6,167 9,535 5,458 5,117 4,961 4,341 4,293 4,340 3,580

6 576 434 553 99 77 86 63 74 58 52

9 191 148 87 1 . 1 . . . .

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

HOSPD\counts: 9303 9413 9503 9603 9703 9803 0303 0403 0503 0603

blank 52,997 91,289 66,859 58,697 60,100 60,501 149,124 146,881 157,162 130,917

1 150 171 127 96 77 61 40 37 32 28

2 3,781 4,710 3,243 2,626 2,363 2,097 1,918 1,579 1,476 1,267

3 2,008 2,286 1,815 1,545 1,441 1,358 1,459 1,247 1,082 967

4 . . . . . . . . . .

5 3,916 4,774 3,404 2,569 2,390 2,137 1,835 1,544 1,482 1,258

6 47 56 37 22 23 19 29 21 23 26

9 . . . . . . . . . .

Total 62,899 103,286 75,485 65,555 66,394 66,173 154,405 151,309 161,257 134,463

HOSPD\counts: 0703 0803 0903 1003 1103

blank 130,830 127,831 131,005 130,437 129,689

1 20 10 9 12 .

2 1,031 777 559 349 123

3 787 567 418 267 93

4 . . . . .

5 1,057 846 628 403 156

6 17 24 10 . .

9 . . . . .

Total 133,742 130,055 132,629 131,468 130,061

**104. Time from Onset to Cause of Death** **INTERV** [Return to Index](#INDEX5_1)

**EDITS:** None

**DESCRIPTION:** Identifies the interval of time between the immediate cause of death and the occurrence of death.

**NOT AVAILABLE:** files 8603–1103, deaths occurring after 12/31/89 in files 7303–8509

**CODES for files**: 7303–8509, deaths occurring on or before 12/31/89

blank — Alive

0 — Less than 1 hour, minutes, sudden

1 — 1-23 hours or statement, 'hours'

2 — 1-6 days or statement, 'days'

3 — 7 or more days

4 — Unable to determine

9 — Blank or illegible

**FREQUENCIES:**

INTERV\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

blank 119,232 84,248 39,908 171,117 113,145 169,417 166,048 57,943 76,990 77,524

0 2,404 2,057 651 2,812 2,295 2,663 2,391 739 928 775

1 778 646 189 842 675 803 697 226 284 243

2 1,119 874 271 1,149 980 1,035 956 350 417 301

3 2,261 2,048 611 2,635 2,201 2,529 2,236 750 791 707

4 355 287 87 347 273 343 276 91 114 75

9 5,064 4,502 1,381 5,969 4,776 5,583 5,161 1,705 1,956 1,656

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

INTERV\counts: 8403 8503 8509

blank 77,606 77,529 141,037

0 637 557 733

1 191 156 222

2 227 186 281

3 615 489 658

4 68 44 82

9 1,388 1,110 1,685

Total 80,732 80,071 144,698

**CASE WEIGHT VARIABLES**

There are four options of weights to use when analyzing CPS files. These weights were updated versions of the previously defined ADJWGT following the 2001 match to the NDI. This set of weights was created because no revision of the NLMS weights had taken place since creation of the original files, and because one file had errors in the original set of weights. These weights account for changes in the definition of key NLMS weighting variables, the reclassification of records as fail edit or not fail edit as determined by the most recent match to the NDI, including decisions to exclude or not records identified as the earlier of multiple files.

Weighting of CPS records depends on 5 key variables: age, sex, race, state of residence, and Hispanic status. The key assumption in the determination of NLMS weights is that records missing age and sex will almost never be considered in any NLMS analyses. Records missing these key pieces of information will not be weighted. Also CPS or Census records in the NLMS which fail edit, that is, records which cannot match to the NDI according to the NDI matching criteria, identified by IND201 = 0 or 1, are not weighted. The 4 weighting options developed are based on whether or not the person is in the earlier of two or more files and whether or not race is identified. Files from 1986 or later are also weighted for Hispanic status.

The approach used in determining weights for NLMS records is that weights will be determined within NLMS cohort to represent the fully eligible population at the time of survey. When cohorts are combined with other cohorts in an analysis, adjustments to the weights will have to be made to fairly weight the combined data to account for cohort differences in size and the population to be represented by the combined data. The reference population used for the derivation of the NLMS weights is the non-institutionalized population of the United States at the time of survey. The starting point of the weighting process is the original file weight developed by the Census Bureau at the time of the survey. For the March CPS files this variable is called, MARSUPWT. This original weight was assigned to all records on the master file using imputed values for cases missing the key weighting variables at the time the file was developed for the CPS Branch. The “official” U.S. non-institutionalized population totals by age, race, sex and state used for NLMS weight determination are the same official Census Bureau population totals used at the time of survey as appropriate population totals for determining the original survey record weights. Each of the 4 new NLMS weighting options are adjusted to the population figures originally used for the final survey weights but account for missing values or deleted records not in the NLMS. In order to minimize the number of records missing state of residence, the survey geography, PSU and Segment, on the cohort master file was used in an attempt to identify the state of residence. The state code derived in this manner is added to the NLMS Extract and Analyses files to replace the missing state value.

The weighting process followed to weight the NLMS is based on the assumption that the established final CPS weight accounts for sampling disparities and the relationships between records on the file. The reweighting process implemented, therefore, adjusts for the fail-edit status of the NLMS records. The weighting process consists of ratio adjustments and raking across the indicated demographic variables and mimics the process used to determine the original CPS weights on the file. First, a Hispanic status ratio adjustment is made to the files from 1986 and later by age and Hispanic status. Then the files are raked and ratio adjusted by age-sex-race and then by state of residence in four iterations to the converge to the corresponding non-institutionalized population.

The four new weighting variables developed are missing for a record if the record is a fail edit, is missing age and gender or state of residence. The weights and their characteristics are by name:

**105. Weight—Race Variable Used** **WGT1** [Return to Index](#INDEX5_2)

**EDITS:** None

**DESCRIPTION:** This weight is to be used in analyses when combining multiple NLMS cohorts and the variable race is used in the analyses.

**Records having 0 WGT1 weight** (records not for use in analyses):

a. Records failing edit, i.e. IND213 = 0 or 1,

b. Records for deceased which are the earlier of multiple files, IND213 = 4.

c. Records missing race, gender or age,

d. Records missing state of residence

**106. Weight—Race Used, EOFT Included** **WGT2** [Return to Index](#INDEX5_2)

**EDITS:** None

**DESCRIPTION:** This weight is based on the same exclusions as WGT1 except that records classified as the earlier of two files are included (NOT DELETED) for purposes of weighting determination. When using this weight the assumption would be that the file will be analyzed as a stand-alone file without other NLMS files in the analyses.

**Records having 0 WGT2 weight** (records not for use in analyses):

a. Records failing edit, i.e. IND213 = 0 or 1

b. Records missing race, gender or age

c. Records missing state of residence

**107. Weight—Race Not Used** **WGT3** [Return to Index](#INDEX5_2)

**EDITS:** None

**DESCRIPTION:** This weight is derived ignoring the condition that the record is missing a value for race. When using this weight, the assumption would be that the file will be analyzed as part of a group of NLMS files and that a value of race is not required for the analyses involved. This weight is determined after deleting records which are the earlier of two files and is therefore, suitable for use when combining multiple files in analyses.

**Records having 0 WGT3 weight** (records not for use in analyses):

a. Records failing edit, i.e. IND213 = 0 or 1

b. Records for deceased which are the earlier of multiple files, IND213 = 4

c. Records missing either gender or age, or both

d. Records missing state of residence

**108. Weight—Race Not Used , EOTF Included** **WGT4** [Return to Index](#INDEX5_2)

**EDITS:** None

**DESCRIPTION:** This weight is based on the same exclusions as WGT3 except that records classified as the earlier of two files are included (NOT DELETED) for purposes of weighting determination. When using these weights the assumption would be that the file is to be analyzed as a stand-alone file without other NLMS files in the analyses. This weight is derived ignoring the condition that the record is missing a value for race.

**Records having 0 WGT4 weight** (records not for use in analyses):

a. Records failing edit, i.e. IND213 = 0 or 1

b. Records missing either gender or age, or both

c. Records missing state of residence

# ANALYSIS FILE

**Variable Description and Codes**

**July 1,2014**

[Return to Index](#INDEX1_1)

This Analysis File section documents the modifications made during the creation of SAS datasets, or “Analysis Files” from NLMS Extract Files. A major function in creating these SAS datasets is to standardize variables across all files in the study by recoding.

This section last updated July 1, 2014.

**VARIABLE DELETIONS AND ADDITIONS IN ANALYSIS FILES**

There are six new variables, generated from extract file variables, which have been added to the analysis files by the recode program. These variables are: [**STATER**](#STATER_23)**,** [**FIPSSTATE**](#FIPSSTATE_24)**,** [**CAUSE3**](#CAUSE3_91)**,** [**CAUSE113**](#CAUSE113_92)**,** [**VALID**](#VALID_20) and [**LIFE**](#LIFE_19).

Two variables were dropped from this manual: **EDUCC** (grade completed), and **EDUCCOMP** (education incorporating EDUCC), because the recodes incorporate this information. See [**EDUC**](#EDUC) for details.

**SAS RECODES**

There are three types of modifications that may have been performed on any variable to create the *Analysis* files. They are:

**Simple Edit:** occurs when coded levels of the variable indicate inability to collect an informative variable response. All such levels are set to the appropriate SAS missing value code (blank for character variables and “.” for numerical variables). Simple edits would be made when the original variable levels indicate such information as; "unknown", "illegible", "blank", etc.

**Invalid Entry Edit:** occurs when invalid codes are found in the variable field. Invalid codes include extraneous characters that obviously result from data keying errors or computer garbage.

**Recoding Edit**: occurs when valid codes of variables are recoded so that the variable has one standardized set of entries across all cohorts.

**NOTE:** When either the simple or invalid entry edits are identified, only the changes will be documented. All useful levels of the variable will remain as described in the Reference Manual Extract File documentation. For recoding edits a complete description, including listing of counts, will be shown.

**EDITS TO VARIABLES**

Below are shown the edited changes made to variables in creating the analysis files. Interpret the symbol "==>" to read "changed to.” Variables are numbered according to their number in the extract file. Within each group of variables, those without edits are listed first (i.e., variables may be out of numerical order). The type or types of edits applied to the variable are noted below the variable label.

**FILE AND SURVEY VARIABLES**

**1. NDI/CPS Control Number CCNUM** [Return to Index](#INDEX1_1)

**EDITS:** None

**2. Code for Specific Master File FILE**

**EDITS:** None

**3. Exposure Factor in Years (X 100) FACTOR**

**EDITS:** None

**4. Serial # in CPS/Control # in Census SERN**

**EDITS:** None

**5. Household Identification Number HHID**

**EDITS:** None

**6. SSN Present or Absent on NDI File SSNYN**

**EDITS:** None

**7. Validated SSN VALIDSSN**

**EDITS:** None

**8. Match Key/SSN Collection Month MATCHKEY**

**EDITS:** None

**9. Start Date START** [Return to Index](#INDEX1_1)

**EDITS:** None

**FAIL-EDIT AND MORTALITY INDICATOR VARIABLES**

**10. Match Status Indicator IND1** [Return to Index](#INDEX1_2)

**EDITS:** None

**11. Observed Death Indicator IND2**

**EDITS:** None

**12. Match Status Indicator (1985) IND185**

**EDITS:** None

**13. Observed Death Indicator (1985) IND285**

**EDITS:** None

**14. Observed Death Indicator (1987) IND287**

**EDITS:** None

**15. Observed Death Indicator (1989) IND289**

**EDITS:** None

**16. Observed Death Indicator (1991 match to NDI) IND291**

**EDITS:** None

**17. Observed Death Indicator (2001 match to NDI) IND201**

**EDITS:** None

**18. Observed Death Indicator (2006 match to NDI) IND206** [Return to Index](#INDEX1_2)

**EDITS:** None

**19. Observed Death Indicator (2013 match to NDI) IND213**

**EDITS:** None

**20. Alive or Dead in the 2013 Match** **LIFE** [Extract File](#LIFE) [Return to Index](#INDEX1_2)

[Return to Analysis File Introduction](#_ANALYSIS_FILE)

**EDITS**: Variable defined in Analysis File only.

**DESCRIPTION:** An indicator variable to show dead or alive. A valid code of 0 or 1 means that record is eligible for analyses based on the IND213 indicator variable resulting from the 2013 match of NLMS records to the NDI.

Below is the SAS code to compute the variable LIFE:

IF IND213 = '2' THEN LIFE = '1';

IF IND213 = '3' OR IND213 = '4' THEN LIFE = '0';

(These statements imply that fail-edit records are coded as missing.)

**AVAILABLE FILES**: All files

**CODES for files**: All files

blank — Unknown, fail edit

0 — Person identified as alive according to 2013 match

1 — Person identified as dead according to 2013 match

**FREQUENCIES:**

LIFE\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

blank 5,685 2,398 1,518 1,891 143 1,052 2,881 1,707 1,600 2,070

0 87,029 58,224 30,837 133,927 82,818 134,563 131,579 44,668 60,371 61,073

1 38,499 34,040 10,743 49,053 41,384 46,758 43,305 15,429 19,509 18,138

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

LIFE\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

blank 3,234 3,368 25 7 7 6 7 6 9 5

0 60,210 60,418 120,004 32,320 32,466 32,829 30,967 33,459 38,000 33,953

1 17,288 16,285 24,669 13,695 12,798 12,644 10,951 10,820 11,028 9,592

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

LIFE\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

blank 2,304 728 579 666 654 732 98 633 105 110

0 50,759 90,308 66,038 57,918 59,320 59,644 63,605 62,785 73,891 74,608

1 9,836 12,250 8,868 6,971 6,420 5,797 5,472 5,904 4,941 4,804

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

LIFE\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 26,401 26,773 29,419 11,803 12,129 11,228 18,749 18,441 16,318

0 122,611 120,005 127,627 119,083 118,658 116,571 112,228 111,982 113,364

1 5,393 4,531 4,211 3,577 2,955 2,256 1,652 1,045 379

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**21. Valid for Analysis as of 2013 Match** **VALID** [Extract File](#VALID) [Return to Index](#INDEX1_2)

[Return to Analysis File Introduction](#_ANALYSIS_FILE)

**EDITS:** Variable defined in Analysis File only.

**DESCRIPTION:** An indicator variable to show which records are valid for analysis.

Below is the SAS code to determine VALID = 0:

If AGE = . ;

If RACER = ' ';

If SEXF = ' ' ;

If ‘1’ < IND213 < ‘4’; (i.e., IND213 = 2,3)

**AVAILABLE FILES**: All files

**CODES for files**: All files

0 — Record failed edit or is not valid for analysis

1 — Record is valid for analysis

**FREQUENCIES:**

VALID\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

0 7,038 3,141 1,619 2,827 980 1,962 4,365 1,798 1,705 2,162

1 124,175 91,521 41,479 182,044 123,365 180,411 173,400 60,006 79,775 79,119

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

VALID\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

0 3,332 3,696 243 58 66 83 53 54 53 47

1 77,400 76,375 144,455 45,964 45,205 45,396 41,872 44,231 48,984 43,503

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

VALID\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

0 2,717 976 603 700 717 820 254 775 247 130

1 60,182 102,310 74,882 64,855 65,677 65,353 68,921 68,547 78,690 79,392

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

VALID\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

0 26,418 26,813 29,437 11,824 12,143 11,250 18,758 18,445 16,322

1 127,987 124,496 131,820 122,639 121,599 118,805 113,871 113,023 113,739

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**GEOGRAPHICAL VARIABLES**

**22. Census Geographical Division** **DIV** [Extract File](#DIV) [Return to Index](#INDEX2_1)

**EDITS:** Simple

**For files:** 7303, 7802, 8014–8012, 8203

0 ==> missing value code

**23. State within Division** **STATE** [Extract File](#STATE)

**EDITS:** Simple

**For files:** 7303, 7802, 8014–8012, 8203

0 ==> missing value code

**24. Division-State Concatenated** **STATER** [Extract File](#STATER) [Return to Index](#INDEX2_1)

[Return to Analysis File Introduction](#_ANALYSIS_FILE)

**EDITS:** Simple

**DESCRIPTION:** The concatenation of DIV and STATE forms a two digit state code according to 1960 Census coding. The first and second digits represent geographic division and state, respectively. Also see [Appendix B](#APP_B).

**For files:** 7303, 7802, 8014–8012, 8203

00 ==> missing value code

**AVAILABLE FILES**: All files

**CODES for files**: All files

blank – Unknown, non-interview household

11 – Maine

12 – New Hampshire

13 – Vermont

14 – Massachusetts

15 – Rhode Island

16 – Connecticut

21 – New York

22 – New Jersey

23 – Pennsylvania

31 – Ohio

32 – Indiana

33 – Illinois

34 – Michigan

35 – Wisconsin

41 – Minnesota

42 – Iowa

43 – Missouri

44 – North Dakota

45 – South Dakota

46 – Nebraska

47 – Kansas

51 – Delaware

52 – Maryland

53 – District of Columbia

54 – Virginia

55 – West Virginia

56 – North Carolina

57 – South Carolina

58 – Georgia

59 – Florida

61 – Kentucky

62 – Tennessee

63 – Alabama

64 – Mississippi

71 – Arkansas

72 – Louisiana

73 – Oklahoma

74 – Texas

81 – Montana

82 – Idaho

83 – Wyoming

84 – Colorado

85 – New Mexico

86 – Arizona

87 – Utah

88 – Nevada

91 – Washington

92 – Oregon

93 – California

94 – Alaska

95 – Hawaii

**FREQUENCIES:**

STATER\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

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12 744 520 269 1,980 1,248 1,991 2,143 735 769 753

13 233 203 340 2,057 1,407 1,986 2,002 723 796 879

14 3,508 2,457 1,010 3,604 2,959 3,571 3,707 1,259 1,891 1,855

15 611 442 302 2,131 1,596 2,019 1,977 711 748 791

16 2,104 1,450 564 2,019 1,604 2,016 2,082 724 814 916

21 10,375 7,333 3,102 10,365 6,652 9,945 10,337 3,430 5,057 5,136

22 4,510 3,304 1,275 4,544 2,873 4,645 2,603 1,611 2,254 2,089

23 7,567 5,434 1,870 6,226 5,552 6,846 6,785 2,334 3,139 3,100

31 7,028 4,584 1,471 7,655 5,399 7,266 6,061 2,270 3,041 2,974

32 3,625 2,433 941 3,739 2,381 3,639 3,566 1,082 1,585 1,454

33 6,700 4,594 1,772 6,851 4,661 6,832 6,897 2,272 3,023 2,804

34 5,665 3,923 1,397 6,007 4,669 5,838 4,627 2,021 2,651 2,579

35 2,765 1,948 674 3,754 2,728 3,806 3,755 1,145 1,132 1,399

41 2,457 1,734 657 3,544 1,789 3,367 3,529 905 1,448 1,419

42 1,501 1,074 570 2,746 1,849 2,842 2,905 1,040 1,259 1,179

43 3,259 2,164 738 4,869 3,175 4,833 4,983 1,048 1,484 1,397

44 364 261 354 2,587 1,693 2,662 2,749 844 1,077 1,004

45 349 302 497 2,628 2,033 2,645 2,784 1,128 1,127 1,291

46 1,006 638 350 2,464 1,603 2,438 2,389 951 1,142 922

47 1,402 886 414 2,944 1,503 2,913 2,879 877 851 988

51 392 266 163 1,786 1,659 1,815 1,926 654 794 739

52 2,620 1,793 696 4,067 2,205 4,101 4,172 928 1,387 1,293

53 433 232 161 1,723 1,658 1,563 1,743 612 767 628

54 3,004 2,271 758 3,032 2,773 3,211 3,476 1,049 1,452 1,498

55 1,210 783 369 2,492 1,864 2,554 2,759 907 986 997

56 3,042 2,357 845 3,096 2,526 2,915 3,037 1,183 1,232 1,684

57 1,468 1,093 373 2,141 1,520 2,149 2,149 763 915 885

58 2,938 2,291 968 2,839 1,852 3,221 3,290 1,033 1,578 1,459

59 4,550 3,575 1,594 4,935 3,691 4,502 4,264 1,804 2,689 2,821

61 2,183 1,558 536 3,451 2,106 3,381 1,368 1,016 1,100 1,133

62 2,306 1,837 533 2,334 1,725 2,044 2,307 883 1,238 1,170

63 2,553 1,848 675 2,596 2,081 2,878 2,864 1,029 1,369 1,240

64 1,280 860 540 2,557 1,617 2,736 2,733 1,112 1,048 1,139

71 1,180 964 526 2,833 1,754 2,431 488 826 1,150 1,000

72 2,727 1,928 702 2,478 1,823 2,537 2,600 848 1,193 1,191

73 1,631 1,073 342 2,582 1,700 2,598 2,600 993 1,106 1,239

74 7,475 5,604 2,862 8,163 5,516 8,101 8,691 2,874 4,399 4,476

81 387 331 438 2,458 1,555 2,474 2,435 922 1,087 1,098

82 621 291 482 2,518 1,624 2,441 2,548 717 993 979

83 371 246 436 2,223 1,503 2,054 2,036 698 696 826

84 1,348 1,093 767 3,028 1,238 3,023 3,148 891 1,427 1,473

85 698 433 819 2,552 1,421 2,652 2,666 944 1,134 1,344

86 1,538 1,015 675 2,649 1,485 2,600 2,668 863 1,230 1,027

87 549 446 587 3,349 1,807 3,325 3,451 1,267 1,233 1,436

88 176 138 439 2,653 1,806 2,583 2,816 931 857 762

91 1,929 1,507 585 3,077 1,720 3,007 3,144 978 1,190 1,172

92 1,517 1,225 490 2,841 1,431 2,665 2,857 884 1,102 989

93 12,760 8,974 4,894 13,598 8,849 13,491 14,215 4,771 7,859 7,630

94 206 174 553 2,007 1,168 1,912 2,018 660 1,210 1,017

95 392 260 355 1,847 1,250 1,805 1,944 764 829 975

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

STATER\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

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13 753 601 1,343 453 439 441 442 440 415 420

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15 796 664 1,318 428 382 393 362 301 372 384

16 887 844 1,598 494 451 446 405 418 416 404

21 4,945 5,807 9,761 2,706 2,646 2,448 1,736 2,451 3,010 2,476

22 2,086 3,280 5,713 1,822 1,665 1,668 1,518 1,522 1,853 1,626

23 3,090 3,295 6,343 2,071 1,907 2,033 1,859 1,818 2,197 2,020

31 2,935 3,274 6,188 2,071 2,035 1,948 1,991 1,966 2,335 1,915

32 1,511 1,174 2,448 788 698 675 585 545 554 504

33 3,002 3,395 5,903 1,833 1,679 1,833 1,755 1,811 1,999 1,792

34 2,500 3,177 6,122 1,998 2,038 1,925 1,919 2,009 2,097 1,872

35 1,048 1,017 2,015 704 683 714 699 753 722 698

41 1,533 959 1,921 644 566 584 503 559 532 543

42 1,276 971 1,937 621 630 666 630 695 740 667

43 1,401 1,214 2,228 732 634 674 544 565 518 556

44 1,109 1,018 2,134 670 706 762 667 678 755 659

45 1,152 1,168 2,124 723 763 705 692 747 662 737

46 1,062 1,016 1,820 615 595 617 570 602 672 601

47 956 980 1,787 592 594 558 603 566 619 551

51 894 708 1,454 434 391 430 440 301 394 323

52 1,396 1,007 1,899 713 637 596 397 434 401 427

53 766 728 1,320 364 388 382 332 328 252 278

54 1,488 1,041 2,054 701 714 731 664 692 705 613

55 902 923 1,861 564 550 575 562 552 614 569

56 1,300 2,974 5,625 1,813 1,835 1,747 1,716 1,740 1,913 1,802

57 875 880 1,957 583 649 643 625 649 622 639

58 1,455 901 1,897 529 543 546 524 472 537 385

59 2,630 3,587 6,346 2,070 2,244 2,174 2,434 2,145 2,574 1,997

61 1,067 846 1,797 596 564 586 490 532 568 545

62 1,111 903 1,834 567 578 579 607 567 648 655

63 1,264 778 1,473 459 522 599 498 571 628 569

64 1,010 1,040 2,073 643 587 670 594 655 656 639

71 1,080 991 1,831 610 647 690 644 662 697 644

72 1,075 929 1,833 523 446 487 458 485 461 487

73 1,120 1,050 1,932 620 536 598 521 605 544 609

74 4,660 4,291 6,840 2,363 2,352 2,460 2,349 2,245 2,678 2,303

81 1,075 993 1,923 622 659 635 622 678 685 572

82 1,107 1,036 1,906 611 598 578 647 616 692 496

83 775 821 1,366 433 367 437 457 428 488 433

84 1,312 808 1,494 526 489 518 490 491 580 546

85 1,262 1,298 1,761 610 688 583 752 694 727 595

86 1,208 741 1,397 518 480 553 442 614 512 455

87 1,259 851 1,844 494 558 501 520 559 557 476

88 816 703 1,305 425 412 486 373 517 545 486

91 1,211 785 1,473 498 522 515 545 539 675 467

92 1,128 747 1,289 469 518 486 470 538 511 510

93 7,793 7,381 10,309 3,038 3,035 2,966 1,914 3,192 4,009 3,256

94 1,330 1,194 2,226 635 510 583 519 510 639 532

95 821 765 1,428 450 411 429 451 436 422 378

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

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12 548 706 640 587 631 625 705 588 1,175 1,048

13 458 745 654 629 640 600 588 575 1,152 1,014

14 2,300 3,930 2,916 1,451 1,479 1,460 1,515 1,391 1,475 1,493

15 551 882 576 698 577 656 657 664 1,271 1,394

16 613 884 635 652 660 690 721 779 1,389 1,346

21 3,575 7,914 5,274 4,443 4,404 4,284 4,389 4,571 4,133 3,988

22 2,483 4,519 3,006 1,956 2,010 2,030 2,094 2,046 2,051 2,031

23 2,971 3,895 3,254 2,623 2,687 2,573 2,675 2,497 2,606 2,542

31 2,941 4,115 3,001 2,388 2,247 2,504 2,143 2,372 2,145 2,271

32 752 1,123 822 789 845 854 819 877 1,217 1,331

33 2,061 4,643 3,006 2,765 2,660 2,817 2,793 2,978 2,849 2,754

34 2,655 4,065 3,106 2,208 2,203 2,197 2,142 2,249 1,892 2,010

35 1,006 1,204 872 960 861 919 878 941 1,426 1,574

41 784 975 856 936 874 948 858 870 1,337 1,396

42 895 1,147 875 824 857 792 784 832 1,277 1,299

43 757 1,017 726 749 798 739 740 741 1,164 998

44 899 1,233 785 760 772 810 751 706 1,023 1,011

45 995 1,466 936 836 938 774 812 791 1,138 1,199

46 955 1,197 864 832 865 882 904 866 1,204 1,227

47 896 1,099 830 836 807 817 832 908 1,132 1,391

51 587 757 602 631 700 674 649 698 853 908

52 618 920 763 741 746 721 697 635 1,138 1,095

53 393 864 601 612 585 611 526 612 727 655

54 961 1,307 2,120 953 915 978 904 964 1,266 1,134

55 794 1,069 867 887 788 839 744 804 1,060 918

56 2,634 3,546 2,729 1,519 1,617 1,583 1,510 1,666 1,443 1,539

57 880 1,167 681 669 708 704 646 592 823 746

58 675 1,223 2,217 1,019 1,133 1,098 1,007 931 880 967

59 2,955 5,170 3,275 3,199 3,190 3,125 3,655 3,728 3,598 3,727

61 759 1,117 754 869 774 909 781 829 966 1,047

62 823 1,115 752 880 776 881 802 814 798 936

63 768 1,201 846 837 836 812 806 909 1,052 1,004

64 1,021 1,097 781 864 840 760 790 755 703 739

71 863 1,185 900 870 957 800 886 803 898 794

72 623 1,017 780 895 796 891 853 854 700 828

73 825 1,398 894 987 913 974 896 905 990 1,033

74 3,155 6,173 4,091 3,639 3,935 3,883 4,614 4,775 4,617 4,787

81 891 1,238 891 875 914 906 955 791 778 816

82 974 1,347 914 935 950 996 1,157 927 1,048 1,088

83 629 829 855 815 884 846 848 840 1,047 961

84 751 1,217 944 872 978 925 1,038 1,092 1,711 1,784

85 850 1,551 1,175 1,107 1,336 1,116 1,616 1,418 1,488 1,363

86 662 1,258 1,106 984 1,238 1,145 1,423 1,423 1,446 1,337

87 830 1,153 880 1,043 911 989 972 942 1,084 1,264

88 674 1,199 822 707 825 787 1,152 1,083 1,706 1,628

91 680 1,058 830 838 782 939 803 786 1,233 1,353

92 669 1,089 803 803 757 828 736 803 1,120 1,238

93 4,722 10,987 6,842 6,418 6,758 6,546 7,770 7,632 7,569 7,324

94 826 1,418 769 871 747 703 750 820 992 1,227

95 582 939 710 689 644 591 669 639 904 869

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

STATER\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

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12 2,404 2,072 2,360 2,546 2,454 2,525 2,395 2,433 2,220

13 1,753 1,902 1,673 1,754 1,597 1,512 1,709 1,552 1,589

14 2,346 2,371 2,105 1,799 1,861 1,775 1,942 1,819 1,894

15 2,152 2,322 2,180 2,078 1,973 1,938 2,013 1,941 1,952

16 2,172 2,504 2,482 2,684 2,694 2,624 2,705 2,713 2,762

21 6,603 5,855 5,746 5,283 5,276 5,404 5,366 5,377 5,359

22 3,403 3,375 2,744 2,661 2,675 2,846 2,769 2,654 2,471

23 4,518 4,468 3,962 3,537 3,473 3,810 3,597 3,436 3,421

31 3,770 3,781 3,903 3,310 3,458 3,193 3,266 3,455 3,131

32 2,556 2,257 2,437 1,962 1,860 1,871 2,014 1,735 1,880

33 4,486 4,663 4,439 3,842 3,851 3,995 4,012 3,808 3,742

34 3,721 3,506 3,542 3,156 3,139 2,792 2,929 2,892 2,769

35 2,350 2,552 2,620 2,368 2,220 2,303 2,279 2,288 2,255

41 2,393 2,505 2,993 2,804 2,932 2,673 2,881 2,877 2,833

42 2,115 2,188 2,370 2,301 2,382 2,173 2,387 2,221 2,177

43 1,998 1,831 2,444 2,123 1,974 2,004 2,055 2,108 1,994

44 1,691 1,617 1,616 1,581 1,481 1,440 1,399 1,501 1,467

45 2,071 1,849 2,178 1,868 1,873 1,806 1,837 1,980 1,910

46 2,123 2,100 2,237 1,782 1,850 1,716 1,889 1,890 1,950

47 2,306 2,346 2,293 1,803 1,788 1,731 1,949 1,835 1,860

51 1,679 1,721 1,757 1,981 1,927 1,826 1,879 1,936 2,005

52 2,053 2,014 2,874 2,885 3,008 2,908 3,054 2,896 3,020

53 1,275 1,313 1,579 1,532 1,579 1,620 1,663 1,636 1,757

54 2,328 2,252 2,867 2,726 2,665 2,622 2,695 2,674 2,688

55 1,827 1,631 1,456 1,262 1,463 1,249 1,299 1,232 1,235

56 2,729 2,632 3,017 2,495 2,463 2,577 2,566 2,528 2,324

57 1,741 1,634 1,731 1,792 1,602 1,694 1,696 1,650 1,531

58 1,839 1,831 2,836 2,806 2,841 3,017 2,744 2,813 2,896

59 5,705 5,516 5,430 5,411 5,173 4,887 4,932 5,005 4,697

61 1,703 1,785 2,163 1,724 1,823 1,686 1,716 1,736 1,738

62 1,622 1,520 1,875 1,758 1,629 1,675 1,691 1,655 1,547

63 1,792 1,797 1,755 1,372 1,365 1,278 1,310 1,421 1,283

64 1,405 1,384 1,498 1,246 1,220 1,190 1,107 1,268 1,213

71 1,466 1,533 1,681 1,402 1,437 1,342 1,291 1,196 1,233

72 1,475 1,565 1,369 1,146 1,107 1,128 1,292 1,239 1,149

73 1,676 1,446 1,722 1,605 1,639 1,599 1,580 1,656 1,580

74 6,417 6,340 7,732 6,794 7,014 7,214 7,473 7,333 7,648

81 1,310 1,246 1,340 1,231 1,221 1,168 1,053 1,080 1,039

82 1,781 1,624 1,743 1,572 1,664 1,446 1,531 1,486 1,443

83 1,764 1,736 1,653 1,522 1,626 1,592 1,524 1,653 1,666

84 2,846 2,826 2,670 2,695 2,717 2,490 2,795 2,609 2,763

85 1,575 1,604 1,528 1,332 1,423 1,215 1,298 1,268 1,091

86 1,958 1,912 1,951 1,891 1,821 1,553 1,649 1,657 1,617

87 2,047 2,069 2,144 1,889 1,793 1,675 1,737 1,649 1,643

88 2,823 2,499 2,172 2,127 2,118 1,993 1,982 2,111 2,121

91 2,359 2,296 2,455 2,157 2,157 2,141 2,214 2,168 2,221

92 2,053 1,849 1,903 1,745 1,705 1,682 1,821 1,724 1,657

93 10,097 9,472 11,643 12,131 11,721 11,697 11,976 12,067 11,819

94 2,136 2,042 2,001 1,884 1,860 1,739 1,677 1,736 1,597

95 1,913 2,121 2,200 2,304 2,223 2,437 2,309 2,233 2,224

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**25. FIPS State Code** **FIPSSTATE** [Extract File](#FIPSSTATE)[Return to Index](#INDEX2_1)

[Return to Analysis File Introduction](#_ANALYSIS_FILE)[Return to POBF](#POBF)

**EDITS:** None

**AVAILABLE FILES**: All files

**CODES for files**: All files

00 – Unknown

01 – Alabama

02 – Alaska

04 – Arizona

05 – Arkansas

06 – California

08 – Colorado

09 – Connecticut

10 – Delaware

11 – District of Columbia

12 – Florida

13 – Georgia

15 – Hawaii

16 – Idaho

17 – Illinois

18 – Indiana

19 – Iowa

20 – Kansas

21 – Kentucky

22 – Louisiana

23 – Maine

24 – Maryland

25 – Massachusetts

26 – Michigan

27 – Minnesota

28 – Mississippi

29 – Missouri

30 – Montana

31 – Nebraska

32 – Nevada

33 – New Hampshire

34 – New Jersey

35 – New Mexico

36 – New York

37 – North Carolina

38 – North Dakota

39 – Ohio

40 – Oklahoma

41 – Oregon

42 – Pennsylvania

44 – Rhode Island

45 – South Carolina

46 – South Dakota

47 – Tennessee

48 – Texas

49 – Utah

50 – Vermont

51 – Virginia

53 – Washington

54 – West Virginia

55 – Wisconsin

56 – Wyoming

**FREQUENCIES:**

FIPSSTATE\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

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01 2,553 1,848 675 2,596 2,081 2,878 2,864 1,029 1,369 1,240

02 206 174 553 2,007 1,168 1,912 2,018 660 1,210 1,017

04 1,538 1,015 675 2,649 1,485 2,600 2,668 863 1,230 1,027

05 1,180 964 526 2,833 1,754 2,431 488 826 1,150 1,000

06 12,760 8,974 4,894 13,598 8,849 13,491 14,215 4,771 7,859 7,630

08 1,348 1,093 767 3,028 1,238 3,023 3,148 891 1,427 1,473

09 2,104 1,450 564 2,019 1,604 2,016 2,082 724 814 916

10 392 266 163 1,786 1,659 1,815 1,926 654 794 739

11 433 232 161 1,723 1,658 1,563 1,743 612 767 628

12 4,550 3,575 1,594 4,935 3,691 4,502 4,264 1,804 2,689 2,821

13 2,938 2,291 968 2,839 1,852 3,221 3,290 1,033 1,578 1,459

15 392 260 355 1,847 1,250 1,805 1,944 764 829 975

16 621 291 482 2,518 1,624 2,441 2,548 717 993 979

17 6,700 4,594 1,772 6,851 4,661 6,832 6,897 2,272 3,023 2,804

18 3,625 2,433 941 3,739 2,381 3,639 3,566 1,082 1,585 1,454

19 1,501 1,074 570 2,746 1,849 2,842 2,905 1,040 1,259 1,179

20 1,402 886 414 2,944 1,503 2,913 2,879 877 851 988

21 2,183 1,558 536 3,451 2,106 3,381 1,368 1,016 1,100 1,133

22 2,727 1,928 702 2,478 1,823 2,537 2,600 848 1,193 1,191

23 924 585 368 2,360 1,981 2,375 2,374 890 941 1,032

24 2,620 1,793 696 4,067 2,205 4,101 4,172 928 1,387 1,293

25 3,508 2,457 1,010 3,604 2,959 3,571 3,707 1,259 1,891 1,855

26 5,665 3,923 1,397 6,007 4,669 5,838 4,627 2,021 2,651 2,579

27 2,457 1,734 657 3,544 1,789 3,367 3,529 905 1,448 1,419

28 1,280 860 540 2,557 1,617 2,736 2,733 1,112 1,048 1,139

29 3,259 2,164 738 4,869 3,175 4,833 4,983 1,048 1,484 1,397

30 387 331 438 2,458 1,555 2,474 2,435 922 1,087 1,098

31 1,006 638 350 2,464 1,603 2,438 2,389 951 1,142 922

32 176 138 439 2,653 1,806 2,583 2,816 931 857 762

33 744 520 269 1,980 1,248 1,991 2,143 735 769 753

34 4,510 3,304 1,275 4,544 2,873 4,645 2,603 1,611 2,254 2,089

35 698 433 819 2,552 1,421 2,652 2,666 944 1,134 1,344

36 10,375 7,333 3,102 10,365 6,652 9,945 10,337 3,430 5,057 5,136

37 3,042 2,357 845 3,096 2,526 2,915 3,037 1,183 1,232 1,684

38 364 261 354 2,587 1,693 2,662 2,749 844 1,077 1,004

39 7,028 4,584 1,471 7,655 5,399 7,266 6,061 2,270 3,041 2,974

40 1,631 1,073 342 2,582 1,700 2,598 2,600 993 1,106 1,239

41 1,517 1,225 490 2,841 1,431 2,665 2,857 884 1,102 989

42 7,567 5,434 1,870 6,226 5,552 6,846 6,785 2,334 3,139 3,100

44 611 442 302 2,131 1,596 2,019 1,977 711 748 791

45 1,468 1,093 373 2,141 1,520 2,149 2,149 763 915 885

46 349 302 497 2,628 2,033 2,645 2,784 1,128 1,127 1,291

47 2,306 1,837 533 2,334 1,725 2,044 2,307 883 1,238 1,170

48 7,475 5,604 2,862 8,163 5,516 8,101 8,691 2,874 4,399 4,476

49 549 446 587 3,349 1,807 3,325 3,451 1,267 1,233 1,436

50 233 203 340 2,057 1,407 1,986 2,002 723 796 879

51 3,004 2,271 758 3,032 2,773 3,211 3,476 1,049 1,452 1,498

53 1,929 1,507 585 3,077 1,720 3,007 3,144 978 1,190 1,172

54 1,210 783 369 2,492 1,864 2,554 2,759 907 986 997

55 2,765 1,948 674 3,754 2,728 3,806 3,755 1,145 1,132 1,399

56 371 246 436 2,223 1,503 2,054 2,036 698 696 826

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

FIPSSTATE\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

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01 1,264 778 1,473 459 522 599 498 571 628 569

02 1,330 1,194 2,226 635 510 583 519 510 639 532

04 1,208 741 1,397 518 480 553 442 614 512 455

05 1,080 991 1,831 610 647 690 644 662 697 644

06 7,793 7,381 10,309 3,038 3,035 2,966 1,914 3,192 4,009 3,256

08 1,312 808 1,494 526 489 518 490 491 580 546

09 887 844 1,598 494 451 446 405 418 416 404

10 894 708 1,454 434 391 430 440 301 394 323

11 766 728 1,320 364 388 382 332 328 252 278

12 2,630 3,587 6,346 2,070 2,244 2,174 2,434 2,145 2,574 1,997

13 1,455 901 1,897 529 543 546 524 472 537 385

15 821 765 1,428 450 411 429 451 436 422 378

16 1,107 1,036 1,906 611 598 578 647 616 692 496

17 3,002 3,395 5,903 1,833 1,679 1,833 1,755 1,811 1,999 1,792

18 1,511 1,174 2,448 788 698 675 585 545 554 504

19 1,276 971 1,937 621 630 666 630 695 740 667

20 956 980 1,787 592 594 558 603 566 619 551

21 1,067 846 1,797 596 564 586 490 532 568 545

22 1,075 929 1,833 523 446 487 458 485 461 487

23 936 828 1,523 454 523 449 557 447 532 441

24 1,396 1,007 1,899 713 637 596 397 434 401 427

25 1,869 3,083 5,567 1,763 1,820 1,750 1,461 1,509 1,778 1,619

26 2,500 3,177 6,122 1,998 2,038 1,925 1,919 2,009 2,097 1,872

27 1,533 959 1,921 644 566 584 503 559 532 543

28 1,010 1,040 2,073 643 587 670 594 655 656 639

29 1,401 1,214 2,228 732 634 674 544 565 518 556

30 1,075 993 1,923 622 659 635 622 678 685 572

31 1,062 1,016 1,820 615 595 617 570 602 672 601

32 816 703 1,305 425 412 486 373 517 545 486

33 695 606 1,158 359 387 427 370 436 325 379

34 2,086 3,280 5,713 1,822 1,665 1,668 1,518 1,522 1,853 1,626

35 1,262 1,298 1,761 610 688 583 752 694 727 595

36 4,945 5,807 9,761 2,706 2,646 2,448 1,736 2,451 3,010 2,476

37 1,300 2,974 5,625 1,813 1,835 1,747 1,716 1,740 1,913 1,802

38 1,109 1,018 2,134 670 706 762 667 678 755 659

39 2,935 3,274 6,188 2,071 2,035 1,948 1,991 1,966 2,335 1,915

40 1,120 1,050 1,932 620 536 598 521 605 544 609

41 1,128 747 1,289 469 518 486 470 538 511 510

42 3,090 3,295 6,343 2,071 1,907 2,033 1,859 1,818 2,197 2,020

44 796 664 1,318 428 382 393 362 301 372 384

45 875 880 1,957 583 649 643 625 649 622 639

46 1,152 1,168 2,124 723 763 705 692 747 662 737

47 1,111 903 1,834 567 578 579 607 567 648 655

48 4,660 4,291 6,840 2,363 2,352 2,460 2,349 2,245 2,678 2,303

49 1,259 851 1,844 494 558 501 520 559 557 476

50 753 601 1,343 453 439 441 442 440 415 420

51 1,488 1,041 2,054 701 714 731 664 692 705 613

53 1,211 785 1,473 498 522 515 545 539 675 467

54 902 923 1,861 564 550 575 562 552 614 569

55 1,048 1,017 2,015 704 683 714 699 753 722 698

56 775 821 1,366 433 367 437 457 428 488 433

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

FIPSSTATE\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

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01 768 1,201 846 837 836 812 806 909 1,052 1,004

02 826 1,418 769 871 747 703 750 820 992 1,227

04 662 1,258 1,106 984 1,238 1,145 1,423 1,423 1,446 1,337

05 863 1,185 900 870 957 800 886 803 898 794

06 4,722 10,987 6,842 6,418 6,758 6,546 7,770 7,632 7,569 7,324

08 751 1,217 944 872 978 925 1,038 1,092 1,711 1,784

09 613 884 635 652 660 690 721 779 1,389 1,346

10 587 757 602 631 700 674 649 698 853 908

11 393 864 601 612 585 611 526 612 727 655

12 2,955 5,170 3,275 3,199 3,190 3,125 3,655 3,728 3,598 3,727

13 675 1,223 2,217 1,019 1,133 1,098 1,007 931 880 967

15 582 939 710 689 644 591 669 639 904 869

16 974 1,347 914 935 950 996 1,157 927 1,048 1,088

17 2,061 4,643 3,006 2,765 2,660 2,817 2,793 2,978 2,849 2,754

18 752 1,123 822 789 845 854 819 877 1,217 1,331

19 895 1,147 875 824 857 792 784 832 1,277 1,299

20 896 1,099 830 836 807 817 832 908 1,132 1,391

21 759 1,117 754 869 774 909 781 829 966 1,047

22 623 1,017 780 895 796 891 853 854 700 828

23 730 918 657 605 646 642 720 610 1,243 1,096

24 618 920 763 741 746 721 697 635 1,138 1,095

25 2,300 3,930 2,916 1,451 1,479 1,460 1,515 1,391 1,475 1,493

26 2,655 4,065 3,106 2,208 2,203 2,197 2,142 2,249 1,892 2,010

27 784 975 856 936 874 948 858 870 1,337 1,396

28 1,021 1,097 781 864 840 760 790 755 703 739

29 757 1,017 726 749 798 739 740 741 1,164 998

30 891 1,238 891 875 914 906 955 791 778 816

31 955 1,197 864 832 865 882 904 866 1,204 1,227

32 674 1,199 822 707 825 787 1,152 1,083 1,706 1,628

33 548 706 640 587 631 625 705 588 1,175 1,048

34 2,483 4,519 3,006 1,956 2,010 2,030 2,094 2,046 2,051 2,031

35 850 1,551 1,175 1,107 1,336 1,116 1,616 1,418 1,488 1,363

36 3,575 7,914 5,274 4,443 4,404 4,284 4,389 4,571 4,133 3,988

37 2,634 3,546 2,729 1,519 1,617 1,583 1,510 1,666 1,443 1,539

38 899 1,233 785 760 772 810 751 706 1,023 1,011

39 2,941 4,115 3,001 2,388 2,247 2,504 2,143 2,372 2,145 2,271

40 825 1,398 894 987 913 974 896 905 990 1,033

41 669 1,089 803 803 757 828 736 803 1,120 1,238

42 2,971 3,895 3,254 2,623 2,687 2,573 2,675 2,497 2,606 2,542

44 551 882 576 698 577 656 657 664 1,271 1,394

45 880 1,167 681 669 708 704 646 592 823 746

46 995 1,466 936 836 938 774 812 791 1,138 1,199

47 823 1,115 752 880 776 881 802 814 798 936

48 3,155 6,173 4,091 3,639 3,935 3,883 4,614 4,775 4,617 4,787

49 830 1,153 880 1,043 911 989 972 942 1,084 1,264

50 458 745 654 629 640 600 588 575 1,152 1,014

51 961 1,307 2,120 953 915 978 904 964 1,266 1,134

53 680 1,058 830 838 782 939 803 786 1,233 1,353

54 794 1,069 867 887 788 839 744 804 1,060 918

55 1,006 1,204 872 960 861 919 878 941 1,426 1,574

56 629 829 855 815 884 846 848 840 1,047 961

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

FIPSSTATE\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

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00 . . . . . . . . .

01 1,792 1,797 1,755 1,372 1,365 1,278 1,310 1,421 1,283

02 2,136 2,042 2,001 1,884 1,860 1,739 1,677 1,736 1,597

04 1,958 1,912 1,951 1,891 1,821 1,553 1,649 1,657 1,617

05 1,466 1,533 1,681 1,402 1,437 1,342 1,291 1,196 1,233

06 10,097 9,472 11,643 12,131 11,721 11,697 11,976 12,067 11,819

08 2,846 2,826 2,670 2,695 2,717 2,490 2,795 2,609 2,763

09 2,172 2,504 2,482 2,684 2,694 2,624 2,705 2,713 2,762

10 1,679 1,721 1,757 1,981 1,927 1,826 1,879 1,936 2,005

11 1,275 1,313 1,579 1,532 1,579 1,620 1,663 1,636 1,757

12 5,705 5,516 5,430 5,411 5,173 4,887 4,932 5,005 4,697

13 1,839 1,831 2,836 2,806 2,841 3,017 2,744 2,813 2,896

15 1,913 2,121 2,200 2,304 2,223 2,437 2,309 2,233 2,224

16 1,781 1,624 1,743 1,572 1,664 1,446 1,531 1,486 1,443

17 4,486 4,663 4,439 3,842 3,851 3,995 4,012 3,808 3,742

18 2,556 2,257 2,437 1,962 1,860 1,871 2,014 1,735 1,880

19 2,115 2,188 2,370 2,301 2,382 2,173 2,387 2,221 2,177

20 2,306 2,346 2,293 1,803 1,788 1,731 1,949 1,835 1,860

21 1,703 1,785 2,163 1,724 1,823 1,686 1,716 1,736 1,738

22 1,475 1,565 1,369 1,146 1,107 1,128 1,292 1,239 1,149

23 1,896 1,988 2,229 2,184 2,163 2,099 2,157 2,099 1,933

24 2,053 2,014 2,874 2,885 3,008 2,908 3,054 2,896 3,020

25 2,346 2,371 2,105 1,799 1,861 1,775 1,942 1,819 1,894

26 3,721 3,506 3,542 3,156 3,139 2,792 2,929 2,892 2,769

27 2,393 2,505 2,993 2,804 2,932 2,673 2,881 2,877 2,833

28 1,405 1,384 1,498 1,246 1,220 1,190 1,107 1,268 1,213

29 1,998 1,831 2,444 2,123 1,974 2,004 2,055 2,108 1,994

30 1,310 1,246 1,340 1,231 1,221 1,168 1,053 1,080 1,039

31 2,123 2,100 2,237 1,782 1,850 1,716 1,889 1,890 1,950

32 2,823 2,499 2,172 2,127 2,118 1,993 1,982 2,111 2,121

33 2,404 2,072 2,360 2,546 2,454 2,525 2,395 2,433 2,220

34 3,403 3,375 2,744 2,661 2,675 2,846 2,769 2,654 2,471

35 1,575 1,604 1,528 1,332 1,423 1,215 1,298 1,268 1,091

36 6,603 5,855 5,746 5,283 5,276 5,404 5,366 5,377 5,359

37 2,729 2,632 3,017 2,495 2,463 2,577 2,566 2,528 2,324

38 1,691 1,617 1,616 1,581 1,481 1,440 1,399 1,501 1,467

39 3,770 3,781 3,903 3,310 3,458 3,193 3,266 3,455 3,131

40 1,676 1,446 1,722 1,605 1,639 1,599 1,580 1,656 1,580

41 2,053 1,849 1,903 1,745 1,705 1,682 1,821 1,724 1,657

42 4,518 4,468 3,962 3,537 3,473 3,810 3,597 3,436 3,421

44 2,152 2,322 2,180 2,078 1,973 1,938 2,013 1,941 1,952

45 1,741 1,634 1,731 1,792 1,602 1,694 1,696 1,650 1,531

46 2,071 1,849 2,178 1,868 1,873 1,806 1,837 1,980 1,910

47 1,622 1,520 1,875 1,758 1,629 1,675 1,691 1,655 1,547

48 6,417 6,340 7,732 6,794 7,014 7,214 7,473 7,333 7,648

49 2,047 2,069 2,144 1,889 1,793 1,675 1,737 1,649 1,643

50 1,753 1,902 1,673 1,754 1,597 1,512 1,709 1,552 1,589

51 2,328 2,252 2,867 2,726 2,665 2,622 2,695 2,674 2,688

53 2,359 2,296 2,455 2,157 2,157 2,141 2,214 2,168 2,221

54 1,827 1,631 1,456 1,262 1,463 1,249 1,299 1,232 1,235

55 2,350 2,552 2,620 2,368 2,220 2,303 2,279 2,288 2,255

56 1,764 1,736 1,653 1,522 1,626 1,592 1,524 1,653 1,666

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**26. FIPS County Code COUNTY** [Return to Index](#INDEX2_1)

**EDITS:** None

**27. CPS PSU, "DO" for Census PSU**

**EDITS:** None

**28. PSU Type PSUTYPE**

**EDITS:** None

**29. CPS Segment, "ED" for Census SEG**

**EDITS:** None

**30. Urban-Rural Status URB** [Extract File](#URB) [Return to Index](#INDEX2_1)

**EDITS:** Simple

**For file**: 8024

3 ==> missing value code

**31. SMSA Status** **SMSAST** [Extract File](#SMSAST)

**EDITS:** Simple

**For files:** 7303, 7802, 8014–8103, 8203

0 ==> missing value code

**32. SMSA Rank** **SMSAR** [Extract File](#SMSAR)

**EDITS:** Invalid Entry

**For files:** 7303, 8024, 8008, 8103, 8203

0\_ ==> 00

**33. Urban/Rural Farm/Rural Nonfarm** **LAND** [Extract File](#LAND) [Return to Index](#INDEX2_1)

**EDITS:** Recode

**For files:** 7303, 7802, 8014, 8008, 8012

1 ==> 1

2, 3 ==> 2

4, 5 ==> 3

**For files:** 7903, 8103, 8203, 8303, 8403

1 ==> 1

2, 6 ==> 2

3, 4, 5, 7, 8, 9 ==> 3

**For files:** 8603, 8703

1 ==> 1

2 ==> 2

4 ==> 3

**NOT AVAILABLE**: 8024, 8503, 9303-1103

**CODES for files:** 7303-8014, 8008-8403, 8509-9203

blank — Missing

1 — Non-rural

2 — Rural, farm

3 — Rural, nonfarm

**FREQUENCIES:**

LAND\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 1,032 2,624 . 6,446 5,776 4,253 . . . .

1 92,403 63,952 29,789 117,674 115,662 113,175 40,500 54,093 53,532 53,601

2 6,250 3,569 1,371 7,790 7,723 7,210 2,068 2,651 2,465 2,607

3 31,528 24,517 11,938 52,961 53,212 53,127 19,236 24,736 25,284 24,524

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

LAND\counts: 8509 8603 8703 8803 8903 9003 9103 9203

blank . . . . . . . .

1 102,153 32,560 31,763 31,803 28,549 30,553 34,429 30,159

2 3,945 1,356 1,277 1,221 1,123 1,282 1,157 1,103

3 38,600 12,106 12,231 12,455 12,253 12,450 13,451 12,288

Total 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

**AGE, BIRTH INFORMATION, AND GENDER VARIABLES**

**34. Age in Years at Time of Survey** **AGE** [Extract File](#AGE) [Return to Index](#INDEX2_2)

**EDITS:** Simple, Recode

**For files:** 7303–0203

99 ==> missing value code

**AVAILABLE FILES**: All files

**CODES for files:** 73031,2 78021,2 7903 80082 80122 80142 80243

Age range 0-98 14-98 0-98 0-98 0-98 0-98 0-98

**CODES for files:**  8103-8509 8603-8703 8803-9003 9103 9203

Age range 0-98 14-98 15-98 14-98 15-98

**CODES for files:** 9303-0103 0203 0303 0403-09034 1003 11034

Age range 0-98 0-80 0-98 0-80, 85 0-98 0-80, 85

**1** Since mortality follow-up begins in 1979, add 6 to given age for 7303 file and add 1 to given age for 7802 file to obtain age at start of follow-up.

**2** In these files, when the difference in age between the control file age and CPS age is greater than 10 years and neither entry is missing, then age is defined to be missing.

**3** The start of follow-up for the 8024 file has been redefined to be January 1, 1981. For this reason, to obtain an approximately correct age for the 8024 file, add 1 to the given age on the file.

**4** In these files, the value of age is as stated for ages less than or equal to 80. For ages greater than 80 the value of 85 is assigned.

**FREQUENCIES:**

AGE\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

missing 649 369 43 309 993 376 862 50 1 .

0 1,894 . 737 2,850 110 2,824 2,713 998 1,311 1,277

1 2,040 . 742 2,891 195 2,837 2,862 1,022 1,325 1,244

2 2,343 . 711 2,853 183 2,717 2,788 946 1,295 1,383

3 2,205 . 689 2,780 198 2,873 2,723 1,016 1,316 1,292

4 2,185 . 669 2,642 215 2,696 2,594 905 1,195 1,261

5 2,101 . 652 2,688 223 2,620 2,644 958 1,213 1,240

6 2,160 . 693 2,712 244 2,643 2,574 904 1,221 1,183

7 2,378 . 733 2,769 256 2,789 2,621 913 1,173 1,207

8 2,454 . 801 2,907 287 2,871 2,734 946 1,206 1,180

9 2,599 . 777 3,242 321 3,051 3,015 947 1,197 1,169

10 2,658 . 755 3,048 352 3,146 3,115 1,056 1,363 1,266

11 2,586 . 757 3,082 420 3,010 2,932 1,013 1,406 1,321

12 2,702 . 741 2,957 462 2,955 2,865 1,007 1,386 1,387

13 2,598 . 809 3,124 608 2,906 2,753 958 1,402 1,274

14 2,741 2,348 845 3,195 875 3,085 2,986 1,015 1,366 1,338

15 2,773 2,411 818 3,327 1,957 3,341 3,096 1,045 1,397 1,312

16 2,680 2,432 848 3,541 2,275 3,326 3,233 1,123 1,426 1,375

17 2,607 2,408 893 3,502 2,345 3,455 3,311 1,135 1,494 1,426

18 2,429 2,263 782 3,425 2,497 3,286 3,220 1,155 1,432 1,388

19 2,265 2,140 802 3,340 2,651 3,254 3,148 1,075 1,420 1,380

20 2,225 2,239 745 3,326 2,478 3,321 3,115 1,108 1,385 1,402

21 2,081 2,035 757 3,154 2,524 3,100 3,065 1,133 1,435 1,396

22 2,127 2,095 803 3,420 2,535 3,114 3,059 1,097 1,374 1,403

23 1,900 2,142 782 3,402 2,535 3,249 3,154 1,163 1,343 1,430

24 2,100 2,082 751 3,186 2,487 3,197 3,156 1,093 1,411 1,471

25 2,117 2,034 769 3,202 2,676 3,263 3,062 1,123 1,473 1,483

26 2,076 2,117 721 3,237 2,680 3,249 3,104 1,119 1,426 1,528

27 1,669 1,955 725 3,050 2,634 3,044 3,050 1,071 1,397 1,424

28 1,682 1,967 745 3,027 2,590 3,054 3,044 1,063 1,385 1,423

29 1,843 1,900 694 3,102 2,445 3,000 2,913 1,049 1,358 1,390

30 1,824 2,076 714 3,124 2,601 3,028 2,982 1,009 1,330 1,366

31 1,623 1,916 701 2,916 2,564 2,937 2,821 1,037 1,300 1,373

32 1,593 1,518 654 2,949 2,702 2,857 2,885 951 1,260 1,307

33 1,419 1,586 541 3,006 2,693 2,979 2,997 973 1,293 1,327

34 1,447 1,657 574 2,407 2,033 2,429 2,578 988 1,363 1,256

35 1,352 1,683 533 2,259 2,094 2,269 2,223 773 1,295 1,290

36 1,393 1,459 609 2,405 2,119 2,301 2,238 804 1,019 1,247

37 1,359 1,393 463 2,481 2,134 2,456 2,345 780 1,045 925

38 1,399 1,376 517 2,190 1,897 2,110 2,305 748 1,078 1,053

39 1,353 1,360 435 2,095 1,786 2,007 1,996 709 1,017 1,061

40 1,455 1,352 467 1,973 1,796 1,978 2,031 666 954 1,093

41 1,392 1,229 453 1,897 1,604 1,889 1,811 646 951 972

42 1,581 1,278 428 1,846 1,715 1,885 1,799 646 873 876

43 1,503 1,225 398 1,759 1,522 1,923 1,802 612 847 811

44 1,490 1,129 437 1,948 1,615 1,820 1,732 606 860 810

45 1,548 1,255 402 1,905 1,624 1,864 1,746 633 854 831

46 1,528 1,169 408 1,617 1,588 1,738 1,736 594 825 794

47 1,477 1,265 402 1,850 1,568 1,796 1,678 573 749 790

48 1,595 1,311 463 1,826 1,572 1,692 1,677 611 793 818

49 1,442 1,297 412 1,837 1,675 1,801 1,672 615 714 764

50 1,593 1,361 451 1,919 1,658 1,968 1,895 674 830 785

51 1,476 1,286 458 1,872 1,606 1,804 1,729 614 788 805

52 1,514 1,320 412 1,913 1,694 1,878 1,831 637 813 814

53 1,377 1,321 378 1,833 1,686 1,923 1,846 647 761 756

54 1,417 1,351 440 1,903 1,654 1,854 1,772 614 846 815

55 1,370 1,359 454 2,027 1,718 1,862 1,804 683 829 819

56 1,320 1,366 429 1,906 1,605 1,897 1,799 590 787 779

57 1,257 1,279 423 1,835 1,691 1,901 1,827 602 797 836

58 1,247 1,156 417 1,900 1,716 1,839 1,763 661 804 758

59 1,216 1,157 417 1,830 1,609 1,815 1,731 599 819 734

60 1,191 1,161 391 1,762 1,574 1,803 1,773 589 826 762

61 1,138 1,097 364 1,698 1,480 1,634 1,542 573 729 714

62 1,135 1,114 338 1,660 1,560 1,643 1,580 546 725 723

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63 1,107 1,067 337 1,579 1,384 1,585 1,551 495 655 697

64 1,031 1,090 340 1,555 1,445 1,513 1,409 480 663 675

65 978 1,035 325 1,614 1,331 1,626 1,527 503 714 649

66 943 984 324 1,465 1,259 1,560 1,451 471 622 590

67 920 964 276 1,406 1,236 1,441 1,337 490 592 613

68 833 877 304 1,284 1,214 1,347 1,356 449 611 597

69 758 819 279 1,340 1,159 1,233 1,174 408 587 532

70 809 765 288 1,228 1,102 1,189 1,270 423 518 576

71 679 770 245 1,156 996 1,078 1,129 356 529 522

72 831 704 195 1,143 988 1,118 1,096 379 519 500

73 1,239 618 217 1,011 940 1,009 976 370 441 419

74 581 598 186 966 879 911 954 311 383 418

75 567 609 217 941 828 903 844 311 416 392

76 548 492 179 821 694 853 815 238 347 343

77 500 534 154 713 677 798 734 254 328 332

78 455 407 165 613 590 695 651 221 322 305

79 404 382 120 691 610 662 568 180 297 277

80 351 326 120 562 534 620 612 217 251 286

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82 298 290 86 430 390 429 438 162 226 229

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96 8 9 . 11 15 21 17 4 4 11

97 5 5 3 9 14 4 9 4 4 5

98 4 14 1 15 19 19 15 6 7 6

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4 1,328 1,245 2,260 . . . . . . .

5 1,261 1,234 2,301 . . . . . . .

6 1,196 1,178 2,216 . . . . . . .

7 1,142 1,199 2,050 . . . . . . .

8 1,190 1,202 2,145 . . . . . . .

9 1,247 1,132 2,002 . . . . . . .

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11 1,222 1,167 2,028 . . . . . . .

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14 1,380 1,384 2,281 449 406 . . . 331 .

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16 1,227 1,328 2,316 732 735 794 675 678 731 653

17 1,336 1,265 2,122 833 829 792 719 658 788 637

18 1,328 1,255 2,170 805 772 772 743 743 738 642

19 1,280 1,248 2,093 784 767 736 668 722 813 636

20 1,338 1,270 2,220 757 772 734 666 709 844 623

21 1,351 1,295 2,358 853 771 740 595 671 850 716

22 1,420 1,346 2,383 928 812 724 695 757 888 748

23 1,406 1,363 2,377 953 870 826 736 799 828 745

24 1,380 1,403 2,430 1,024 925 868 798 774 870 732

25 1,464 1,426 2,544 1,014 996 960 828 838 957 750

26 1,455 1,392 2,542 1,036 980 959 822 893 1,013 822

27 1,435 1,437 2,455 1,003 1,021 1,001 925 942 1,022 893

28 1,375 1,326 2,529 1,038 991 1,000 943 936 1,100 968

29 1,390 1,412 2,522 1,079 1,011 1,057 932 992 1,131 1,051

30 1,362 1,418 2,483 1,074 1,079 1,109 968 945 1,107 1,019

31 1,375 1,305 2,531 1,091 995 1,102 951 1,001 1,157 953

32 1,348 1,403 2,474 1,092 1,009 1,019 1,005 1,012 1,119 1,016

33 1,264 1,307 2,376 1,012 1,043 995 951 1,026 1,138 954

34 1,303 1,268 2,329 1,013 1,002 996 947 963 1,174 954

35 1,339 1,327 2,281 942 909 1,014 947 1,071 1,076 1,001

36 1,292 1,210 2,181 918 934 968 946 955 1,117 972

37 1,216 1,249 2,248 928 900 936 863 972 1,035 998

38 942 1,271 2,344 979 952 906 832 933 993 903

39 970 966 1,831 943 965 881 847 963 1,011 958

40 1,046 960 1,782 754 949 964 811 870 1,032 880

41 1,021 990 1,792 703 724 897 832 888 978 846

42 863 1,053 1,793 756 749 732 819 904 930 821

43 856 862 1,704 725 739 715 708 834 1,031 795

44 814 860 1,602 667 717 656 645 672 930 842

45 830 783 1,492 643 648 718 652 681 786 809

46 737 791 1,402 577 580 645 670 717 757 687

47 795 775 1,331 602 620 591 601 678 760 620

48 758 736 1,377 561 576 575 501 596 760 645

49 795 755 1,400 540 569 536 548 573 657 679

50 774 786 1,345 567 579 603 513 577 640 592

51 722 747 1,283 552 563 543 507 587 581 564

52 754 785 1,287 509 548 557 473 517 634 514

53 793 715 1,368 564 516 492 482 517 577 563

54 824 750 1,305 503 522 516 516 515 617 513

55 798 777 1,392 558 533 510 446 511 531 467

56 802 810 1,411 578 572 571 519 486 559 499

57 756 742 1,406 547 532 541 476 518 507 503

58 768 742 1,399 604 586 573 459 494 577 434

59 749 681 1,451 614 582 557 518 527 521 488

60 770 795 1,423 546 539 562 531 530 515 517

61 752 701 1,384 565 521 507 498 504 594 454

62 762 776 1,333 562 597 523 528 527 547 467

63 734 697 1,265 543 561 568 487 501 562 481

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65 683 755 1,392 554 589 557 502 533 546 475

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67 625 588 1,199 470 463 518 454 473 512 460

68 548 612 1,115 434 443 520 481 501 502 452

69 586 575 1,015 466 453 510 434 453 500 454

70 562 575 1,059 417 412 442 421 441 467 457

71 514 486 967 457 412 450 384 414 434 420

72 453 523 953 437 398 420 364 378 425 390

73 456 452 861 384 359 399 309 362 391 404

74 416 441 866 377 329 353 320 344 364 333

75 427 435 807 329 314 345 300 285 330 294

76 340 381 735 292 297 317 268 325 329 310

77 324 328 737 278 267 294 249 272 273 278

78 294 300 595 222 212 263 279 230 252 257

79 297 288 531 249 229 224 245 236 241 247

80 270 293 501 178 174 199 193 238 237 235

81 251 225 417 165 164 176 167 161 158 218

82 184 189 413 143 163 153 179 180 172 186

83 190 188 357 154 133 128 96 146 157 158

84 137 163 290 124 115 131 120 132 103 134

85 139 135 268 106 97 93 100 103 115 107

86 112 100 209 93 101 78 83 86 76 95

87 88 113 195 58 61 68 54 71 76 86

88 66 64 147 61 50 50 60 52 62 60

89 53 86 120 39 34 47 38 38 48 38

90 57 48 100 34 34 32 26 23 46 27

91 33 40 81 25 34 17 19 21 30 33

92 30 40 61 19 23 23 20 16 31 25

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95 10 12 23 5 5 8 5 5 13 7

96 12 10 13 4 10 4 7 5 11 3

97 3 5 12 5 3 2 3 1 7 8

98 5 9 10 4 5 2 6 5 11 12

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1 660 1,837 1,120 994 1,023 974 1,011 1,014 1,165 1,172

2 722 1,784 1,239 1,040 1,016 937 1,012 1,060 1,172 1,185

3 705 1,907 1,221 1,044 956 1,038 1,077 1,012 1,113 1,177

4 757 1,822 1,246 1,015 1,038 1,001 1,099 1,039 1,205 1,157

5 641 1,783 1,262 1,123 1,061 1,098 1,115 1,074 1,205 1,209

6 741 1,720 1,190 1,142 1,090 1,082 1,158 1,091 1,204 1,220

7 782 1,705 1,208 997 1,103 1,157 1,155 1,138 1,285 1,253

8 675 1,668 1,174 1,071 1,027 1,075 1,179 1,157 1,339 1,250

9 748 1,671 1,187 1,002 997 1,070 1,157 1,183 1,285 1,314

10 736 1,662 1,137 1,007 980 1,072 1,087 1,186 1,323 1,248

11 755 1,631 1,172 1,014 1,004 1,016 1,116 1,081 1,256 1,303

12 781 1,566 1,176 989 1,045 1,050 1,105 1,054 1,230 1,305

13 802 1,664 1,201 1,054 944 1,061 1,075 1,099 1,199 1,245

14 428 1,578 1,135 995 1,048 984 1,054 1,033 1,206 1,237

15 1,213 1,511 1,152 1,004 1,009 1,030 1,035 1,066 1,208 1,218

16 886 1,432 1,102 977 1,024 1,000 1,015 1,027 1,194 1,222

17 839 1,410 1,079 951 1,011 980 1,037 1,099 1,213 1,161

18 826 1,278 1,007 881 912 889 1,015 959 1,072 1,113

19 745 1,316 913 864 900 828 932 952 1,026 1,046

20 821 1,368 913 863 774 821 810 872 1,002 1,030

21 861 1,410 913 795 842 810 868 909 1,039 1,003

22 858 1,538 958 788 779 736 843 855 930 984

23 817 1,734 1,018 837 808 800 861 875 1,020 1,026

24 836 1,626 1,104 894 865 833 876 857 1,014 1,002

25 878 1,695 1,025 983 900 826 788 883 994 1,001

26 893 1,626 1,022 896 950 898 873 891 971 999

27 950 1,647 1,033 890 901 991 974 935 1,004 982

28 1,026 1,773 1,096 923 921 912 1,047 949 1,017 961

29 1,070 1,676 1,121 939 979 959 994 1,024 1,075 1,056

30 1,116 1,812 1,158 981 1,008 1,020 1,063 995 1,202 1,174

31 1,072 1,739 1,224 1,045 969 936 1,027 1,032 1,155 1,246

32 1,184 1,770 1,175 1,029 1,036 951 977 1,007 1,114 1,189

33 1,176 1,810 1,272 1,024 1,008 1,040 1,113 1,012 1,013 1,128

34 1,116 1,778 1,376 1,070 1,079 1,126 1,111 997 1,137 1,186

35 1,161 1,762 1,296 1,159 1,072 1,107 1,119 1,104 1,226 1,122

36 1,154 1,722 1,200 1,130 1,127 1,113 1,071 1,120 1,290 1,160

37 1,166 1,682 1,254 1,104 1,071 1,102 1,112 1,105 1,305 1,253

38 1,122 1,628 1,220 1,105 1,102 1,107 1,173 1,049 1,269 1,293

39 1,065 1,520 1,241 1,062 1,110 1,133 1,053 1,119 1,334 1,291

40 1,163 1,552 1,226 1,137 1,127 1,066 1,135 1,160 1,276 1,292

41 1,096 1,537 1,148 1,019 1,122 993 1,125 1,107 1,263 1,249

42 1,085 1,432 1,132 995 992 1,088 1,056 1,143 1,308 1,247

43 1,049 1,368 1,110 970 1,045 1,022 1,102 1,141 1,319 1,334

44 997 1,326 1,092 955 967 1,017 1,073 1,101 1,263 1,236

45 992 1,370 1,105 917 931 984 1,052 1,114 1,214 1,217

46 975 1,411 1,047 890 907 960 1,024 983 1,200 1,198

47 812 1,275 1,084 846 895 865 948 1,001 1,116 1,186

48 749 1,036 1,058 925 887 896 932 973 1,091 1,177

49 820 1,064 779 874 905 828 963 876 1,091 1,139

50 842 1,082 853 655 948 978 917 929 1,040 1,095

51 663 1,049 814 611 712 836 973 922 984 1,016

52 682 938 874 730 721 667 885 923 989 964

53 626 871 737 695 683 644 648 835 1,005 978

54 613 788 736 595 710 739 693 690 986 955

55 587 828 708 606 661 711 704 677 760 976

56 585 809 666 520 608 607 690 666 779 815

57 578 753 664 550 543 552 561 646 807 741

58 587 801 591 518 572 509 557 600 716 729

59 556 734 603 526 526 540 531 565 632 766

60 547 721 588 507 512 530 547 591 609 718

61 575 724 510 510 535 524 527 533 620 622

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70 528 655 544 457 471 458 436 408 492 451

71 506 645 550 417 432 404 425 450 479 447

72 490 640 481 413 445 398 420 386 508 417

73 465 618 477 397 431 407 429 408 494 434

74 397 514 492 420 403 372 387 408 446 436

75 448 500 399 407 401 331 378 403 414 428

76 374 482 371 368 352 361 329 349 366 383

77 315 423 361 283 301 337 370 324 423 440

78 317 420 316 295 336 300 336 336 358 392

79 289 374 288 276 254 265 283 286 330 320

80 268 374 313 257 278 237 275 233 326 2,110

81 248 304 265 224 201 255 225 201 264 .

82 239 257 250 230 220 216 208 214 219 .

83 197 277 190 178 182 183 174 225 215 .

84 157 240 188 155 168 176 181 168 217 .

85 126 183 167 140 132 110 139 144 159 .

86 139 154 130 111 108 122 134 120 159 .

87 98 123 108 96 115 87 115 86 125 .

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2 2,379 2,207 2,257 2,181 2,099 2,117 2,141 2,117 2,027

3 2,313 2,314 2,386 2,140 2,255 2,071 2,121 2,215 2,259

4 2,356 2,204 2,409 2,129 2,174 2,116 2,194 2,146 2,103

5 2,323 2,249 2,351 2,230 2,171 2,131 2,148 2,062 2,052

6 2,279 2,228 2,435 2,203 2,215 1,949 2,153 2,120 2,048

7 2,377 2,233 2,358 2,177 2,157 2,168 2,168 2,183 2,126

8 2,272 2,207 2,369 2,197 2,198 2,179 2,262 2,092 2,046

9 2,410 2,292 2,453 2,244 2,190 2,108 2,196 2,084 1,992

10 2,428 2,297 2,420 2,237 2,182 2,117 2,194 2,172 2,144

11 2,478 2,422 2,427 2,200 2,292 2,076 2,098 2,140 2,143

12 2,531 2,498 2,650 2,313 2,250 2,106 2,200 2,105 2,025

13 2,449 2,375 2,656 2,419 2,193 2,199 2,195 2,164 2,065

14 2,399 2,502 2,527 2,332 2,242 2,089 2,146 2,015 2,104

15 2,378 2,379 2,633 2,347 2,251 2,258 2,114 2,104 2,067

16 2,370 2,398 2,458 2,418 2,357 2,298 2,413 2,104 2,097

17 2,376 2,306 2,449 2,246 2,319 2,288 2,281 2,217 2,127

18 2,105 2,153 2,208 2,081 2,068 2,053 2,135 2,080 2,065

19 1,715 1,623 1,790 1,678 1,677 1,557 1,691 1,657 1,589

20 1,709 1,682 1,758 1,647 1,551 1,568 1,604 1,680 1,587

21 1,627 1,636 1,656 1,626 1,610 1,567 1,544 1,646 1,637

22 1,672 1,653 1,704 1,652 1,544 1,656 1,608 1,588 1,538

23 1,635 1,630 1,734 1,743 1,474 1,617 1,515 1,545 1,588

24 1,684 1,633 1,786 1,744 1,660 1,566 1,626 1,680 1,546

25 1,654 1,628 1,820 1,795 1,693 1,640 1,690 1,774 1,630

26 1,682 1,609 1,670 1,737 1,733 1,625 1,674 1,584 1,762

27 1,706 1,594 1,714 1,622 1,697 1,709 1,646 1,661 1,612

28 1,751 1,622 1,763 1,696 1,623 1,669 1,744 1,784 1,701

29 1,740 1,640 1,808 1,676 1,651 1,664 1,755 1,887 1,744

30 1,847 1,850 1,859 1,736 1,823 1,763 1,785 1,822 1,841

31 1,931 1,789 1,796 1,681 1,755 1,620 1,715 1,846 1,790

32 2,035 1,884 1,922 1,626 1,730 1,619 1,755 1,722 1,798

33 2,078 2,026 2,082 1,795 1,653 1,786 1,708 1,774 1,689

34 1,920 1,967 2,182 1,825 1,723 1,625 1,721 1,752 1,710

35 1,996 2,038 2,224 2,147 1,933 1,787 1,705 1,823 1,694

36 2,026 1,828 2,055 1,928 2,085 1,894 1,765 1,776 1,682

37 2,074 1,968 2,056 1,891 1,978 1,938 1,832 1,780 1,709

38 2,194 1,979 2,168 1,907 1,921 1,902 1,972 1,907 1,766

39 2,252 2,109 2,202 1,916 1,877 1,843 1,978 1,932 1,750

40 2,430 2,287 2,438 2,138 2,044 1,894 2,096 2,064 2,066

41 2,218 2,181 2,209 1,995 1,979 1,791 1,852 1,842 1,926

42 2,343 2,111 2,315 2,114 2,039 1,874 1,819 1,740 1,847

43 2,261 2,202 2,204 2,135 2,030 2,055 1,973 1,808 1,698

44 2,237 2,122 2,234 2,028 2,055 2,011 1,982 1,781 1,676

45 2,256 2,159 2,264 2,108 2,032 2,000 1,990 1,989 1,740

46 2,117 2,047 2,056 1,989 2,044 1,945 1,918 1,916 1,840

47 1,968 1,940 2,108 1,950 1,914 1,931 1,897 1,874 1,862

48 1,917 1,873 2,007 1,955 1,835 1,852 1,912 1,909 1,781

49 1,795 1,841 1,904 1,762 1,796 1,816 1,828 1,796 1,796

50 1,793 1,779 1,936 1,783 1,805 1,834 1,803 1,800 1,816

51 1,490 1,628 1,729 1,710 1,709 1,672 1,725 1,709 1,652

52 1,534 1,488 1,678 1,589 1,568 1,549 1,671 1,627 1,598

53 1,482 1,435 1,478 1,455 1,481 1,582 1,638 1,519 1,562

54 1,403 1,331 1,562 1,413 1,464 1,397 1,555 1,589 1,552

55 1,370 1,328 1,421 1,313 1,390 1,374 1,438 1,497 1,502

56 1,322 1,284 1,327 1,272 1,405 1,257 1,370 1,332 1,418

57 993 1,173 1,389 1,223 1,287 1,281 1,354 1,284 1,356

58 1,008 1,012 1,264 1,265 1,203 1,263 1,244 1,198 1,300

59 927 896 987 1,147 1,194 1,158 1,137 1,197 1,199

60 1,005 923 1,037 879 1,129 1,218 1,217 1,117 1,235

61 798 961 969 866 882 1,092 1,100 1,098 1,192

62 875 778 967 860 861 883 1,051 1,059 1,095

63 787 778 872 885 810 803 808 1,032 1,105

64 743 701 825 795 867 866 818 794 1,018

65 721 795 859 794 809 879 907 867 796

66 663 714 743 722 731 747 842 756 806

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72 572 509 599 542 532 536 565 557 542

73 524 559 563 479 495 482 513 520 519

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75 561 496 553 532 506 464 479 463 521

76 485 467 547 491 460 419 489 454 450

77 472 504 575 470 491 447 481 422 387

78 448 436 488 464 469 460 448 391 425

79 410 351 412 401 336 343 340 405 377

80 403 1,549 1,730 1,589 1,615 1,620 1,639 406 1,645

81 337 . . . . . . 342 .

82 311 . . . . . . 333 .

83 271 . . . . . . 327 .

84 233 . . . . . . 281 .

85 220 1,038 1,340 1,125 1,220 1,277 1,247 257 1,479

86 175 . . . . . . 225 .

87 158 . . . . . . 168 .

88 110 . . . . . . 159 .

89 98 . . . . . . 130 .

90 106 . . . . . . 106 .

91 64 . . . . . . 76 .

92 51 . . . . . . 63 .

93 54 . . . . . . 49 .

94 37 . . . . . . 29 .

95 20 . . . . . . 30 .

96 11 . . . . . . 15 .

97 6 . . . . . . 21 .

98 24 . . . . . . 25 .

99 20,974 21,469 22,198 5,559 5,574 4,533 4,441 4,479 4,846

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**35. Century of Birth CENT** [Return to Index](#INDEX2_2)

**EDITS:** None

**36. Month of Birth** **MOB** [Extract File](#MOB) [Return to Index](#INDEX2_2)

**EDITS:** Simple, Invalid Entry

**For file:** 7303

0\_ ==> missing value code

all two digit character strings not in 01 to 12 interval ==> missing value code

NA ==> missing value code

**For file:** 7802

00 ==> missing value code

**For files:** 7903, 8103–8503

0-, -0, -- ==> missing value codes

**For files:** 9413–9803

-1, -2, -3 ==> missing value code

**37. Year of Birth** **YOB** [Extract File](#YOB) [Return to Index](#INDEX2_2)

**EDITS:** Invalid Entry

**For files:** 7903, 8103–8503

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**For file:** 7303

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**For file:** 7802

0\_, X\_ , XX ==> missing value code

**For files:** 9413–9703

-1 , -2 , -3 ==> missing value code

**For file:** 9803

\_, -1, -2, -3 ==> missing value code

**38. Final Sex from Multiple Sources** **SEXF** [Extract File](#SEXF) [Return to Index](#INDEX2_2)

**EDITS:** Simple

**For files:** 7802, 8024, 8012

9 ==> missing value code

**39. Date of Birth—from SSA Numident DOBN**

**EDITS:** None

**40. Citizenship Group** **CITIZEN** [Extract File](#CITIZEN)

**EDITS**: Simple

**For files:** 9413-1103

0 ==> missing value code

**41. Place of Birth** **POB** [Extract File](#POB)

**EDITS:** Simple

For files: 8014, 8024, 8008, 8012

99 ==> missing value code

**42. Place of Birth—Final POBF**

**EDITS:** None

**43. Three-Way Classification of POBF** **POBFCAT3**

**EDITS:** None

**44. Four-Way Classification of POBF** **POBFCAT4**

**EDITS:** None

**45. Five-Way Classification of POBF** **POBFCAT5** [Return to Index](#INDEX2_2)

**EDITS:** None

**46. Region of Birth REGIONOB**

**EDITS:** None

**47. Region of Birth Isolating the US REGIONOBG**

**EDITS:** None

**48. Region of Birth Isolating Mexico REGIONOBM**

**EDITS:** None

**49. Region of Birth Isolates Mexico, Splits Europe REGIONOBE**

**EDITS:** None

**RACE AND ETHNICITY VARIABLES**

**50. Race RACE**  [Return to Index](#INDEX3_1)

**EDITS:** None

**51. Race Recode—White/Black/Other** **RACER** [Extract File](#RACER) [Return to Index](#INDEX3_1)

**EDITS:** Simple, Invalid Entry, Recode

**For files:** 7303, 7802, 8024, 8012

9 ==> missing value code

**For file:** 8509

if RACER = '-' then RACER = ' ';

else if RACER = '5' & RACEX = '5' then RACER = '3';

else if RACER = '1' & RACEX = '4' then RACER = '3';

else if RACER = '4' & RACEX = '4' then RACER = '3';

else if RACER = '1' & RACEX = '3' then RACER = '3';

else if RACER = '4' & RACEX = '3' then RACER = '3';

else if RACER = '5' & RACEX = '1' then RACER = '1';

**AVAILABLE FILES**: All files

**CODES for files:** All files

blank — Unknown

1 — White

2 — Black

3 — Other

**FREQUENCIES:**

RACER\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

blank 230 107 . . 1,051 . 236 . 1 .

1 115,684 83,454 38,009 159,580 100,254 157,098 152,903 53,533 70,485 70,642

2 13,872 9,684 3,840 19,745 16,463 19,601 18,796 6,219 8,303 7,834

3 1,427 1,417 1,249 5,546 6,577 5,674 5,830 2,052 2,691 2,805

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

RACER\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

blank . . 2 . . . . . . .

1 70,071 68,956 124,455 40,881 40,200 40,364 37,237 39,191 43,422 38,517

2 8,131 8,242 15,507 3,831 3,771 3,600 3,361 3,476 3,873 3,367

3 2,530 2,873 4,734 1,310 1,300 1,515 1,327 1,618 1,742 1,666

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

RACER\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

blank . . . . . . . . . .

1 54,215 85,881 62,720 55,579 56,546 56,227 59,665 59,443 67,779 68,481

2 5,942 10,975 7,632 6,999 6,686 6,869 6,348 6,705 7,092 7,105

3 2,742 6,430 5,133 2,977 3,162 3,077 3,162 3,174 4,066 3,936

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

RACER\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 20,616 21,105 21,827 5,082 5,009 4,456 4,342 4,387 4,734

1 106,151 103,339 110,970 102,216 100,957 98,298 99,828 97,810 96,911

2 16,273 15,242 16,064 15,175 15,795 15,486 15,604 16,589 15,580

3 11,365 11,623 12,396 11,990 11,981 11,815 12,855 12,682 12,836

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**52. Race Expanded w/ American Indian & Asian** **RACEX** [Extract File](#RACEX) [Return to Index](#INDEX3_1)

**EDITS:** Simple, Invalid Entry, Recode

**NOTE:** If RACEX is missing on the 8509 file, then RACER information is used to provide race information.

**For files:** 7903–8503

9 ==> missing value code

**For file:** 8509

if RACEX = '-' & RACER = '1' then RACEX = '1';

else if RACEX = '-' & RACER = '2' then RACEX = '2';

else if RACEX = '-' & RACER = '3' then RACEX = ' ';

else if RACEX = '-' then RACEX = '';

**NOT AVAILABLE:** 7303, 7802, 8603, 8703

**CODES for files**: 7903–8509, 8803-0203

blank — Unknown

1 — White

2 — Black

3 — American Indian or Eskimo

4 — Asian or Pacific Islander

5 — Other Nonwhite

**FREQUENCIES:**

RACEX\counts: 7903 8014 8024 8008 8012 8103 8203 8303 8403 8503

blank 2 126 1,051 140 267 3 11 5 3 9

1 38,009 159,580 100,254 157,098 152,903 53,533 70,486 70,642 70,071 68,956

2 3,840 19,745 16,463 19,601 18,796 6,219 8,303 7,834 8,131 8,242

3 302 1,654 1,080 1,895 1,846 632 941 798 889 818

4 605 3,616 1,959 3,520 3,854 1,367 1,678 1,922 1,574 2,004

5 340 150 3,538 119 99 50 61 80 64 42

Total 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281 80,732 80,071

RACEX\counts: 8509 8803 8903 9003 9103 9203 9303 9413 9503 9603

blank 3 . . . . . . . . .

1 124,386 40,364 37,237 39,191 43,422 38,517 54,215 85,881 62,720 55,579

2 15,484 3,600 3,361 3,476 3,873 3,367 5,942 10,975 7,632 6,999

3 1,337 399 343 464 443 451 680 1,250 909 867

4 3,318 1,058 916 1,067 1,199 1,078 1,777 3,404 2,474 2,110

5 170 58 68 87 100 137 285 1,776 1,750 .

Total 144,698 45,479 41,925 44,285 49,037 43,550 62,899 103,286 75,485 65,555

RACEX\counts: 9703 9803 9903 0003 0103 0203

blank . . . . . .

1 56,546 56,227 59,665 59,443 67,779 68,481

2 6,686 6,869 6,348 6,705 7,092 7,105

3 951 830 924 1,027 1,232 1,410

4 2,211 2,247 2,238 2,147 2,834 2,526

5 . . . . . .

Total 66,394 66,173 69,175 69,322 78,937 79,522

**CODES for files**: 0303-1103

blank — Unknown

1 — White

2 — Black

3 — American Indian or Eskimo

4 — Asian or Pacific Islander

5 — More than one race, other non-white

**FREQUENCIES:**

RACEX\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 20,640 21,150 21,857 5,107 5,032 4,489 4,373 4,411 4,771

1 106,151 103,339 110,970 102,216 100,957 98,298 99,828 97,810 96,911

2 16,273 15,242 16,064 15,175 15,795 15,486 15,604 16,589 15,580

3 2,017 1,916 2,129 1,817 1,890 1,723 1,991 1,806 1,628

4 6,076 6,364 6,348 6,476 6,904 6,953 7,443 7,519 7,904

5 3,248 3,298 3,889 3,672 3,164 3,106 3,390 3,333 3,267

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**53. Detailed Race 2000 CPS Redesign** **RACEPRDT** [Extract File](#RACEPRDT) [Return to Index](#INDEX3_1)

**EDITS:** Simple

**For files:** 0303-1103

-1 ==> missing value code

**CODES for files:** 0303-1103

blank — Blank, unknown, fail edit record

01 — White Only

02 — Black Only

03 — American Indian, Alaskan Native Only

04 — Asian Only

05 — Hawaiian/Pacific Islander Only

06 — White and Black

07 — White and American Indian

08 — White and Asian

09 — White and Hawaiian

10 — Black and American Indian

11 — Black and Asian

12 — Black and Hawaiian, Other Pacific Islander

13 — Asian and American Indian

14 — American Indian and Hawaiian, Other Pacific Islander

15 — Asian and Hawaiian, Other Pacific Islander

16 — White, Black, and American Indian

17 — White, Black, and Asian

18 — White, Black, and Hawaiian, Other Pacific Islander

19 — White, Asian, and American Indian

20 — White, American Indian, and Hawaiian, Other Pacific Islander

21 — White, Asian, and Hawaiian, Other Pacific Islander

22 — Black, Asian and American Indian

23 — Black, American Indian, and Hawaiian, Other Pacific Islander

24 — Black, Asian, and Hawaiian, Other Pacific Islander

25 — Asian, American Indian, and Hawaiian, Other Pacific Islander

26 — White, Black, Asian, and American Indian

27 — White, Asian, American Indian, and Hawaiian, Other Pacific Islander

28 — White, Black, Asian, and Hawaiian, Other Pacific Islander

29 — White, Black, American Indian, and Hawaiian, Other Pacific Islander

30 — Black, Asian, American Indian, and Hawaiian, Other Pacific Islander

31 — White, Black, Asian, American Indian, and Hawaiian, Other Pacific Islander

**FREQUENCIES:**

RACEPRDT\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 20,616 21,105 21,827 5,082 5,009 4,456 4,342 4,387 4,734

01 106,151 103,339 110,970 102,216 100,957 98,298 99,828 97,810 96,911

02 16,273 15,242 16,064 15,175 15,795 15,486 15,604 16,589 15,580

03 2,017 1,916 2,129 1,817 1,890 1,723 1,991 1,806 1,628

04 5,393 5,773 5,735 5,763 6,182 6,219 6,603 6,776 7,156

05 598 456 486 562 586 586 724 597 625

06 632 628 709 701 666 662 819 905 884

07 1,561 1,578 1,810 1,619 1,327 1,210 1,339 1,199 1,151

08 414 463 536 569 572 563 563 545 585

09 170 176 214 204 152 161 143 139 144

10 159 110 197 163 127 148 113 122 124

11 54 33 39 22 29 41 53 49 47

12 15 6 21 19 12 7 13 6 21

13 13 15 9 6 12 10 3 15 8

14 2 6 21 16 2 1 5 10 10

15 85 135 127 151 136 148 116 146 123

16 84 59 94 113 84 118 107 102 76

17 25 7 14 6 5 3 8 4 5

18 5 6 3 7 4 2 13 5 4

19 2 25 18 19 26 11 32 21 16

20 14 10 6 12 9 9 11 24 8

21 98 176 198 196 137 160 168 187 184

22 3 9 2 2 6 3 . 2 4

23 1 . . 1 1 1 . . .

24 2 1 . . 2 1 1 3 2

25 2 2 1 1 2 1 . . .

26 1 1 5 3 4 4 9 3 5

27 10 20 13 12 4 8 14 14 11

28 . 7 8 1 . 5 4 2 1

29 2 . . 4 . 2 2 . 8

30 . 1 . . . . . . .

31 3 4 1 1 4 8 1 . 6

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**54. Asian or Pacific Islanders, 10 Categories CATIAPI** [Return to Index](#INDEX3_1)

**EDITS:** None

**55. Hispanic Origin** **HISP** [Extract File](#HISP) [Return to Index](#INDEX3_1)

**EDITS:** Simple, Recode

**For files:** 7303–1103

0, 9 ==> missing value code

**For files:** 0303–1103

0, 9 ==> missing value code

1 ==> 3

2 ==> 4

3 ==> 5

4 ==> 6

5 ==> 7

**CODES for files:** All files

blank — Missing

01 — Mexican American

02 — Chicano

03 — Mexican (Mexicano)

04 — Puerto Rican

05 — Cuban

06 — Central or South American

07 — Other Spanish

08 — All Other

**FREQUENCIES:**

HISP\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

blank 15,432 4,966 1,419 9,385 5,013 8,500 6,756 1,828 2,386 2,250

1 . 1,588 2,431 3,625 . 3,564 3,737 1,219 2,955 3,001

2 . 71 150 259 . 220 242 86 139 72

3 4,004 902 1,783 1,842 4,196 1,920 2,118 734 1,752 1,750

4 870 626 989 1,157 930 1,244 974 374 1,151 1,086

5 482 309 427 470 463 543 260 174 442 479

6 367 312 476 660 . 795 747 280 765 708

7 882 518 939 1,303 1,924 1,397 1,411 463 791 821

8 109,176 85,370 34,484 166,170 111,819 164,190 161,520 56,646 71,099 71,114

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

HISP\counts: 8403 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank 2,062 2,520 719 696 1,230 1,229 1,209 1,377 1,248 1,700

1 2,898 2,944 1,176 1,266 1,179 1,115 1,250 1,735 1,325 1,990

2 156 112 56 40 46 36 55 42 51 79

3 1,921 1,492 503 466 599 634 820 1,077 918 1,294

4 1,179 1,163 419 362 380 334 409 551 396 609

5 449 423 263 252 238 242 248 334 300 351

6 814 941 278 287 253 288 414 588 505 720

7 835 925 443 419 361 382 435 523 458 591

8 70,418 134,178 42,165 41,483 41,193 37,665 39,445 42,810 38,349 55,565

Total 80,732 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

HISP\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank 2,448 1,367 1,429 1,659 1,716 1,456 1,808 2,321 2,721 20,616

1 5,162 3,047 2,647 2,885 2,755 4,263 4,514 4,724 4,721 .

2 185 122 105 186 162 255 290 255 216 .

3 4,574 2,963 2,904 3,294 3,115 4,977 5,629 6,004 6,432 12,469

4 2,142 1,316 1,200 1,032 1,194 1,483 1,578 1,667 1,702 2,144

5 693 465 395 423 427 693 662 639 707 703

6 2,548 1,565 1,437 1,550 1,551 2,230 2,473 2,569 2,554 3,152

7 1,510 975 807 1,030 752 1,311 1,329 1,523 1,478 1,165

8 84,024 63,665 54,631 54,335 54,501 52,507 51,039 59,235 58,991 114,156

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

HISP\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank 21,105 21,827 5,082 5,009 4,456 4,342 4,387 4,734

1 . . . . . . . .

2 . . . . . . . .

3 12,147 14,437 13,465 13,381 13,421 13,780 13,867 14,011

4 2,060 1,935 1,946 1,907 2,022 2,089 2,046 2,119

5 663 749 695 653 647 625 751 634

6 3,296 3,809 3,870 3,875 3,633 3,766 3,910 3,900

7 1,345 1,464 1,355 1,288 1,194 1,133 1,201 1,217

8 110,693 117,036 108,050 107,629 104,682 106,894 105,306 103,446

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**56. Ethnic Origin** **ORIGIN** [Extract File](#ORIGIN) [Return to Index](#INDEX3_1)

**EDITS:** Recode

**For file:** 7303

00, 39 ==> blank

**For files:** 7802,7903,8103-8703

00, 39, 40 ==> blank

08, 09 ==> 07

10, 11, 12 ==> 13

21 ==> 20

**For files:** 8803-0203

08 ==> 07

10, 11, 12 ==> 13

26, 27, 28 ==> 30

38, 39 ==> blank

**NOT AVAILABLE**: 8014–8012

**CODES for files:** 7303–7903, 8103–0203

blank — Missing

01 — German

02 — Italian

03 — Irish

04 — French

05 — Polish

06 — Russian

07 — English, Scottish, Welsh

13 — Mexicano, Mexican, Chicano, Mexican-American

14 — Puerto Rican

15 — Cuban

16 — Central or South American

17 — Other Hispanic

20 — Afro-American (Black, Negro)

30 — Other Group

**FREQUENCIES:**

ORIGIN\counts: 7303 7802 7903 8103 8203 8303 8403 8503 8509 8603

blank 15,432 2,590 10,951 1,206 1,573 1,465 1,306 1,486 2,243 719

01 13,166 7,673 2,364 4,929 6,019 5,659 5,785 6,102 11,188 4,206

02 4,452 3,460 1,049 1,658 2,022 2,109 1,933 2,405 4,430 1,467

03 7,765 4,359 1,371 2,609 3,075 2,995 3,073 2,988 5,864 2,226

04 2,521 1,543 502 1,067 1,217 1,328 1,139 1,187 2,290 855

05 2,334 1,889 418 820 1,054 1,033 1,070 1,122 2,218 843

06 1,094 741 235 355 419 422 413 429 829 313

07 16,674 5,762 1,812 4,024 4,766 4,531 4,433 4,689 8,837 3,121

13 4,004 2,666 2,912 2,068 4,920 4,928 5,052 4,660 4,554 1,735

14 870 652 629 351 1,109 1,069 1,161 1,095 1,170 419

15 482 318 346 170 422 467 438 485 424 263

16 367 323 344 275 778 687 789 804 940 278

17 882 560 726 465 845 823 833 889 929 443

20 12,897 9,382 2,570 5,831 7,677 7,226 7,549 7,500 14,258 3,515

30 48,273 52,744 16,869 35,976 45,584 46,539 45,758 44,230 84,524 25,619

Total 131,213 94,662 43,098 61,804 81,480 81,281 80,732 80,071 144,698 46,022

ORIGIN\counts: 8703 8803 8903 9003 9103 9203 9303 9413 9503 9603

blank 696 476 434 468 575 472 780 1,157 260 357

01 4,144 3,879 3,752 3,711 4,053 3,697 4,994 7,450 6,384 6,311

02 1,464 1,387 1,243 1,295 1,556 1,319 1,830 2,901 2,207 2,130

03 2,242 2,225 1,912 2,019 2,177 2,124 2,633 4,391 3,950 3,575

04 897 821 858 722 782 757 862 1,562 1,271 1,219

05 735 749 696 700 757 771 937 1,278 1,205 1,027

06 261 319 234 271 347 241 309 717 508 415

07 3,119 2,966 2,784 2,670 2,952 2,713 3,432 4,972 4,499 4,406

13 1,772 1,824 1,785 2,125 2,854 2,294 3,363 9,921 6,132 5,656

14 362 380 334 409 551 396 609 2,142 1,316 1,200

15 252 238 242 248 334 300 351 693 465 395

16 287 253 288 414 588 505 720 2,548 1,565 1,437

17 419 361 382 435 523 458 591 1,510 975 807

20 3,449 3,268 3,101 3,209 3,542 3,090 5,498 9,479 6,801 6,056

30 25,172 26,333 23,880 25,589 27,446 24,413 35,990 52,565 37,947 30,564

Total 45,271 45,479 41,925 44,285 49,037 43,550 62,899 103,286 75,485 65,555

ORIGIN\counts: 9703 9803 9903 0003 0103 0203

blank 518 570 328 467 790 842

01 6,706 6,774 6,824 7,332 9,120 9,695

02 2,022 2,144 2,078 2,167 2,480 2,686

03 3,707 4,001 4,125 4,352 5,243 5,651

04 1,182 1,337 1,364 1,401 1,815 1,951

05 977 1,049 1,041 1,276 1,288 1,528

06 487 409 427 481 583 629

07 4,815 4,659 5,241 5,332 6,706 6,833

13 6,365 6,032 9,495 10,433 10,983 11,369

14 1,032 1,194 1,483 1,578 1,667 1,702

15 423 427 693 662 639 707

16 1,550 1,551 2,230 2,473 2,569 2,554

17 1,030 752 1,311 1,329 1,523 1,478

20 5,651 6,013 5,344 5,657 5,817 5,837

30 29,929 29,261 27,191 24,382 27,714 26,060

Total 66,394 66,173 69,175 69,322 78,937 79,522

**MARITAL STATUS/HOUSEHOLD RELATIONSHIP VARIABLES**

**57. Marital Status** **MS** [Extract File](#MS) [Return to Index](#INDEX3_2)

**EDITS:** Recode

**AVAILABLE FILES:** All files

**CODES for files:** All files

blank — Missing value code

1 — Married

2 — Widowed (not used for the 7802 file)

3 — Divorced (not used for the 7802 file)

4 — Separated

5 — Never Married

6 — Widowed & Divorced (used for the 7802 file only)

**FREQUENCIES:**

MS\counts: 7303 7802 7903 8014 8024 8008 8012 8103 8203 8303

blank 33,906 2,624 13 43,303 907 42,438 40,359 11 1 .

1 60,602 54,254 19,279 82,416 72,154 81,573 80,120 27,974 36,665 36,596

2 7,349 . 2,298 10,282 9,630 9,906 9,567 3,408 4,399 4,409

3 3,234 . 1,616 7,978 7,425 8,061 8,000 2,917 3,916 4,022

4 1,931 2,397 770 2,891 2,569 3,018 2,951 1,018 1,384 1,346

5 24,191 24,314 19,122 38,001 31,660 37,377 36,768 26,476 35,115 34,908

6 . 11,073 . . . . . . . .

Total 131,213 94,662 43,098 184,871 124,345 182,373 177,765 61,804 81,480 81,281

MS\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103 9203

blank . . 30,498 . . . . . . .

1 36,257 35,650 65,629 27,467 27,174 27,159 25,108 26,289 29,104 25,677

2 4,377 4,599 8,150 3,252 3,140 3,294 3,042 3,055 3,262 3,046

3 4,160 4,279 7,418 3,357 3,300 3,338 3,178 3,488 3,854 3,582

4 1,293 1,352 2,448 947 1,028 937 837 939 1,051 933

5 34,645 34,191 30,555 10,999 10,629 10,751 9,760 10,514 11,766 10,312

6 . . . . . . . . . .

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550

MS\counts: 9303 9413 9503 9603 9703 9803 9903 0003 0103 0203

blank . . . . . . . . . .

1 30,684 42,136 32,688 27,833 28,386 28,282 29,723 29,704 33,685 34,008

2 3,660 5,049 3,901 3,456 3,444 3,192 3,276 3,266 3,709 3,629

3 4,245 6,753 4,929 4,504 4,597 4,646 4,791 4,880 5,706 5,764

4 1,100 1,902 1,321 1,201 1,151 1,065 1,135 1,077 1,223 1,229

5 23,210 47,446 32,646 28,561 28,816 28,988 30,250 30,395 34,614 34,892

6 . . . . . . . . . .

Total 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522

MS\counts: 0303 0403 0503 0603 0703 0803 0903 1003 1103

blank 22,184 22,047 23,959 6,620 6,764 5,485 5,525 5,539 6,047

1 53,513 52,258 55,807 51,334 51,310 49,679 50,963 49,133 48,915

2 4,789 4,694 5,084 4,618 4,498 4,606 4,536 4,659 4,494

3 9,016 8,750 9,415 8,820 8,779 8,886 8,695 9,106 8,853

4 2,074 1,923 2,112 2,053 2,034 2,028 2,125 2,196 2,061

5 62,829 61,637 64,880 61,018 60,357 59,371 60,785 60,835 59,691

6 . . . . . . . . .

Total 154,405 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**58. Relationship to Reference Person** **RELTRF** [Extract File](#RELTRF) [Return to Index](#INDEX3_2)

**EDITS:** Simple

**For files:** 7903, 8103–8503

0 ==> missing value code

**For files:** 8014, 8008, 8012

- ==> missing value code

**AVAILABLE FILES:** All files

**CODES for files:** All files

blank — Unknown

1 — Reference person with other relative in household

2 — Reference person with no other relatives in household

3 — Husband

4 — Wife

5 — Own child

6 — Parent

7 — Brother/Sister

8 — Other relative of reference person (HHLDR-81), (Head-79)

9 — Non-relative of reference person with own relatives in household

A — Non-relative of reference person, no own relatives in household

**FREQUENCIES:**

RELTRF\counts: 7903 8014 8008 8012 8103 8203 8303 8403 8503 8509

blank 178 6,574 5,976 4,373 67 170 620 164 170 .

1 11,357 83,050 82,480 80,919 16,593 21,841 21,699 21,789 21,667 39,420

2 3,631 17,101 16,799 16,675 6,069 7,718 7,596 7,764 7,938 15,134

3 250 3,320 3,418 3,608 533 711 814 893 1,016 1,861

4 9,099 39,462 38,872 37,899 13,025 17,027 16,871 16,689 16,255 30,102

5 15,844 26,748 26,346 25,673 21,556 28,509 28,155 27,893 27,528 48,906

6 236 862 907 936 301 422 374 354 483 724

7 378 1,318 1,284 1,266 455 598 580 591 627 1,034

8 1,122 2,416 2,397 2,424 1,604 2,382 2,283 2,350 2,109 3,665

9 232 717 767 751 296 470 598 564 536 691

A 771 3,303 3,127 3,241 1,305 1,632 1,691 1,681 1,742 3,161

Total 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732 80,071 144,698

RELTRF\counts: 8803 8903 9003 9103 9203 9303 9413 9503 9603 9703

blank . . . . 7 . . . . .

1 16,521 15,192 16,090 17,924 16,013 19,018 26,163 20,131 17,513 17,712

2 6,557 6,150 6,499 7,109 6,533 7,528 11,469 8,507 7,453 7,594

3 651 670 788 922 848 1,195 2,776 2,601 2,504 2,897

4 12,624 11,644 12,003 13,017 11,500 13,636 17,498 13,091 10,869 10,739

5 6,564 5,871 6,224 6,913 5,839 17,396 34,597 24,344 21,227 21,303

6 235 196 207 266 234 356 706 602 592 613

7 317 270 325 398 327 373 975 646 570 571

8 661 593 636 740 648 1,410 4,177 2,512 2,167 2,230

9 123 131 137 187 146 309 1,067 666 557 534

A 1,226 1,208 1,376 1,561 1,455 1,678 3,858 2,385 2,103 2,201

Total 45,479 41,925 44,285 49,037 43,550 62,899 103,286 75,485 65,555 66,394

RELTRF\counts: 9803 9903 0003 0103 0203 0303 0403 0503 0603 0703

blank . . . . . 22,184 22,047 23,959 6,620 6,764

1 17,650 18,700 18,482 21,110 21,322 34,507 33,693 35,892 33,280 33,196

2 7,639 7,604 7,587 9,171 9,294 12,523 12,218 13,186 12,441 12,483

3 3,189 3,601 4,107 4,970 5,295 8,699 8,897 9,772 9,175 9,282

4 10,384 10,569 10,006 11,054 10,906 16,788 15,958 16,751 15,146 14,965

5 21,225 22,410 22,176 24,913 25,044 46,385 45,305 47,613 44,118 43,653

6 577 649 749 914 902 1,470 1,508 1,531 1,538 1,620

7 591 674 758 841 873 1,346 1,350 1,352 1,430 1,389

8 2,138 2,239 2,531 2,682 2,641 4,570 4,578 5,087 4,657 4,607

9 533 500 529 537 475 1,079 947 1,055 964 1,052

A 2,247 2,229 2,397 2,745 2,770 4,854 4,808 5,059 5,094 4,731

Total 66,173 69,175 69,322 78,937 79,522 154,405 151,309 161,257 134,463 133,742

RELTRF\counts: 0803 0903 1003 1103

blank 5,485 5,525 5,539 6,047

1 32,242 33,034 32,265 31,852

2 12,924 12,591 12,888 12,840

3 9,024 9,660 8,963 9,053

4 14,417 14,416 14,032 13,796

5 42,492 43,266 42,531 41,737

6 1,605 1,709 1,878 1,864

7 1,256 1,440 1,495 1,509

8 4,652 4,968 5,141 4,995

9 1,095 846 940 1,065

A 4,863 5,174 5,796 5,303

Total 130,055 132,629 131,468 130,061

**59. Relationship to Household Head** **RELTHD** [Extract File](#RELTHD) [Return to Index](#INDEX3_2)

**EDITS:** Simple

**NOTE**: Variable not standardized across files

**For files:** 7903, 8103–8503, 8603, 8703

0 ==> missing value code

**EDUCATION VARIABLES**

**60. Education** **EDUC** [Extract File](#EDUC) [Return to Index](#INDEX3_3)

**EDITS:** Recode

Education recode variable that merges the concepts of years of school *completed* (7303–9103) with educational achievement (9203 and later cohorts) and reduces them to one set of codes for all cohorts. The final assignment to categories represents grade completed.

**NOT AVAILABLE:** 8024

**For files:** 7303–8014, 8008–8503, 8603, 8703

01 ==> 01

02, 03, 04, 05 ==> 02

06, 07 ==> 03

08, 09 ==> 04

10 ==> 05

11 ==> 06

12 ==> 07

13 ==> 08

14 ==> 09

15 ==> 10

16 ==> 11

17 ==> 12

18 ==> 13

19 ==> 14

**For files:** 8509, 8803–9103

00 ==> 01

01, 02, 03, 04 ==> 02

05, 06 ==> 03

07, 08 ==> 04

09 ==> 05

10 ==> 06

11 ==> 07

12 ==> 08

13 ==> 09

14 ==> 10

15 ==> 11

16 ==> 12

17 ==> 13

18 ==> 14

**For files:** 9203–1103

00 ==> 00

31 ==> 01

32 ==> 02

33 ==> 03

34 ==> 04

35 ==> 05

36 ==> 06

37, 38 ==> 07

39 ==> 08

40, 41, 42 ==> 11

43 ==> 12

44, 45, 46 ==> 14

**CODES for files:** 7303–8014, 8008–1103

00 — Missing, children

01 — None, LT E1

02 — Completed El, E2, E3, E4

03 — Completed E5, E6

04 — Completed E7, E8

05 — Completed H1

06 — completed H2

07 — Completed H3

08 — Completed H4

09 — completed C1

10 — Completed C2

11 — completed C3

12 — Completed C4

13 — Completed C5

14 — Completed C6+

**FREQUENCIES:**

EDUC\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

00 33,905 438 10,431 41,534 41,188 40,403 13,843 19,376 19,022 19,080

01 763 706 369 946 956 875 314 435 431 405

02 2,505 1,898 840 2,571 2,391 2,418 799 1,274 1,213 1,069

03 3,508 2,848 1,217 3,822 3,646 3,421 1,246 1,713 1,703 1,580

04 15,262 12,007 4,176 17,691 15,251 15,241 5,351 5,942 5,519 5,444

05 6,968 6,208 2,099 8,721 8,485 8,255 2,887 3,646 3,523 3,370

06 7,736 7,075 2,362 10,048 10,144 9,747 3,115 4,219 4,052 3,891

07 5,963 5,598 1,940 8,291 8,411 7,883 2,670 3,526 3,428 3,341

08 32,743 32,467 10,944 50,237 50,587 48,704 17,559 22,615 22,719 22,808

09 4,696 5,175 1,848 8,438 8,308 8,433 2,879 3,662 3,840 3,863

10 5,042 5,849 2,035 9,363 9,653 9,352 3,185 4,335 4,578 4,548

11 2,095 2,391 839 3,862 3,953 3,859 1,265 1,732 1,759 1,741

12 6,302 7,248 2,410 11,518 11,656 11,377 4,052 5,291 5,730 5,638

13 1,319 1,671 508 2,607 2,535 2,524 792 1,192 1,185 1,189

14 2,406 3,083 1,080 5,222 5,209 5,273 1,847 2,522 2,579 2,765

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

EDUC\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

00 18,369 . 744 531 . . . . 363 10,911

01 408 31,052 182 186 650 663 617 546 190 254

02 1,065 1,514 598 550 559 605 550 642 531 581

03 1,529 2,426 955 907 888 807 849 929 754 1,025

04 5,224 10,239 3,478 3,396 3,275 2,944 2,924 2,893 2,436 2,868

05 3,388 6,058 2,202 2,100 2,137 1,982 1,996 2,066 1,607 1,979

06 3,886 7,039 2,694 2,572 2,613 2,248 2,399 2,544 2,103 2,566

07 3,262 5,822 2,236 2,221 2,236 2,055 2,177 2,286 2,698 3,089

08 22,616 42,270 17,312 16,829 17,189 15,510 16,522 18,650 14,455 17,355

09 4,035 7,202 3,134 2,947 2,905 2,818 3,093 3,472 . .

10 4,683 8,906 3,440 3,757 3,593 3,382 3,709 4,322 . .

11 1,792 3,535 1,434 1,390 1,369 1,359 1,407 1,609 10,273 12,481

12 5,962 11,304 4,513 4,680 4,678 4,515 4,792 5,429 5,461 6,574

13 1,159 2,184 925 931 899 850 843 990 . .

14 2,693 5,147 2,175 2,274 2,488 2,187 2,407 2,659 2,679 3,216

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

EDUC\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

00 26,254 17,703 15,470 15,300 15,549 16,339 16,205 18,262 18,333 57,190

01 471 309 271 266 210 296 252 288 285 370

02 1,010 685 599 590 536 684 741 792 800 872

03 1,892 1,253 1,118 1,120 1,099 1,368 1,448 1,472 1,522 1,745

04 4,019 3,052 2,629 2,489 2,319 2,433 2,437 2,715 2,584 3,613

05 3,164 2,505 2,121 2,177 2,033 2,171 2,295 2,578 2,594 4,083

06 3,884 2,830 2,476 2,493 2,364 2,582 2,531 2,800 2,788 4,622

07 4,868 3,339 3,086 3,207 3,112 3,390 3,323 3,795 3,899 6,175

08 24,536 18,490 15,940 16,089 15,972 16,272 16,338 18,529 18,705 28,790

09 . . . . . . . . . .

10 . . . . . . . . . .

11 18,880 13,891 12,024 12,335 12,510 12,767 13,203 15,000 15,026 24,845

12 9,771 7,679 6,711 7,020 7,206 7,364 7,083 8,643 8,696 14,929

13 . . . . . . . . . .

14 4,537 3,749 3,110 3,308 3,263 3,509 3,466 4,063 4,290 7,171

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

EDUC\counts: 0403 0503 0603 0703 0803 0903 1003 1103

00 56,061 59,697 39,483 39,159 36,680 37,489 36,873 36,500

01 391 439 413 385 360 381 351 381

02 832 982 884 832 766 779 724 730

03 1,662 1,774 1,669 1,539 1,514 1,472 1,439 1,549

04 3,504 3,889 3,372 3,200 2,912 2,949 2,866 2,753

05 4,005 4,501 3,955 3,877 3,636 3,674 3,518 3,365

06 4,564 4,746 4,391 4,327 4,190 4,193 3,898 3,772

07 6,000 6,397 6,024 6,199 5,814 5,883 6,044 5,715

08 27,820 29,973 27,570 27,310 26,703 27,131 27,019 26,315

09 . . . . . . . .

10 . . . . . . . .

11 24,396 25,860 24,300 24,061 24,339 24,897 24,794 24,841

12 14,801 15,485 14,995 15,208 15,334 15,549 15,878 15,792

13 . . . . . . . .

14 7,273 7,514 7,407 7,645 7,807 8,232 8,064 8,348

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**WORK FORCE VARIABLES**

**61. Employment Status** **ESR** [Extract File](#ESR) [Return to Index](#INDEX3_4)

**EDITS:** Simple, Recode

The variable ESR has been recoded for the analysis files because the change of definition occurring in 1994 resulted in two definitions that were not directly compatible.

**NOT AVAILABLE:** 8024

**For files:** 7303–8014, 8008–9303

1 ==> 1

2 ==> 2

3 ==> 3

4 ==> 5

5 ==> 5

6 ==> 4

7 ==> 4

**For files:** 9413–1103

1 ==> 1

2 ==> 2

3 ==> 2

4 ==> 3

5 ==> 5

6 ==> 4

7 ==> 5

**CODES for files:** 7303–8014, 8008–1103

0 — Children <= 13, Armed Forces, missing

1 — In the labor force, employed

2 — In the labor force, absent from work

3 — In the labor force, unemployed, looking for work

4 — Not in the labor force, disabled, unable to work

5 — Not in the labor force, retired, other (housekeeping, student, etc.)

**NOTE:** Age of person may be used to separate students from retired-other persons in category 5.

**FREQUENCIES:**

ESR\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

0 33,734 760 10,439 41,534 41,188 40,403 13,897 18,406 18,061 18,081

1 51,211 49,604 17,759 77,725 72,960 75,814 26,419 33,431 33,376 34,140

2 2,100 2,458 700 4,145 9,050 2,584 1,089 1,470 1,439 1,471

3 3,017 3,892 1,379 6,020 6,774 5,843 2,255 3,747 4,252 3,183

4 1,782 1,489 590 2,368 1,951 1,892 681 841 823 931

5 39,369 36,459 12,231 53,079 50,450 51,229 17,463 23,585 23,330 22,926

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

ESR\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

0 17,324 31,073 238 11 441 483 408 583 386 11,041

1 34,532 63,854 26,028 26,127 26,522 24,677 26,123 29,020 25,198 29,901

2 1,440 2,947 1,107 1,142 1,114 1,100 1,145 1,191 1,111 1,321

3 3,044 4,671 2,132 1,968 1,691 1,441 1,622 2,199 2,202 2,403

4 819 1,404 649 586 669 688 743 797 710 1,036

5 22,912 40,749 15,868 15,437 15,042 13,536 14,244 15,247 13,943 17,197

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

ESR\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

0 26,710 18,011 15,706 15,553 15,775 16,636 16,558 18,621 18,705 56,404

1 44,458 33,931 29,455 30,319 30,578 31,919 32,363 36,982 36,659 59,916

2 2,196 1,780 1,412 1,437 1,441 1,479 1,507 1,802 1,738 2,744

3 3,154 1,814 1,649 1,550 1,415 1,386 1,372 1,604 2,056 3,635

4 2,753 2,202 1,870 1,974 1,930 2,089 2,024 2,401 2,495 3,940

5 24,015 17,747 15,463 15,561 15,034 15,666 15,498 17,527 17,869 27,766

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

ESR\counts: 0403 0503 0603 0703 0803 0903 1003 1103

0 55,871 58,642 38,832 38,327 36,405 37,160 36,496 36,007

1 58,398 62,512 58,729 58,984 57,338 55,681 54,695 53,870

2 2,665 2,828 2,790 2,755 2,572 2,773 2,701 2,332

3 3,381 3,400 2,878 2,629 3,019 5,095 5,625 5,224

4 3,938 4,424 4,142 4,154 4,294 4,453 4,460 4,570

5 27,056 29,451 27,092 26,893 26,427 27,467 27,491 28,058

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**62. Industry Using 1990 Codes** **IND1990** [Extract File](#IND1990) [Return to Index](#INDEX3_4)

**EDITS:** Simple, Invalid Entry

**For files:** 9203–9803

000 ==> missing value code

**For files:** 7303–8014, 8008–8509

Blanks to left of valid digits 0 filled.

**63. Major Industry Using 1990 Codes** **MAJIND90** [Extract File](#MAJIND90) [Return to Index](#INDEX3_4)

**EDITS:** Simple, Recode

**For files:** 9203-1103

00 ==> missing value code

**For files:** 9903-0203

old\_majind90 = majind90;

select (old\_majind90);

when ('04') majind90 = '05';

when ('05') majind90 = '04';

when ('07','08') majind90 = '06';

/\*when ('09') majind90 = '07'; see below, depends on ind1990 \*/

when ('10') majind90 = '09';

when ('11') majind90 = '10';

when ('12') majind90 = '12';

when ('13') majind90 = '11';

when ('14') majind90 = '12';

when ('15') majind90 = '13';

when ('16','17','18','19','20') majind90 = '14';

when ('21') majind90 = '01';

when ('22') majind90 = '15';

when ('23') majind90 = '17';

otherwise majind90 = old\_majind90;

end;

if '500' <= ind1990 <= '532' then MAJIND90 = '07';

else if '540' <= ind1990 <= '571' then MAJIND90 = '08';

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

(specific 1990 industry groupings are shown in parentheses)

blank — Industry missing, not reported, unknown

01 — Agriculture, Forestry, & Fisheries (010-032)

02 — Mining (040-050)

03 — Construction (060)

04 — Manufacturing (Nondurable Goods) (100-222)

05 — Manufacturing (Durable Goods) (230-392)

06 — Transportation, Communications &

Other Public Utilities (400-472)

07 — Wholesale Trade (Durable Goods) (500-532)

08 — Wholesale Trade (Nondurable Goods) (540-571)

09 — Retail Trade (580-691)

10 — Finance, Insurance & Real Estate (700-712)

11 — Business & Repair Services (721-760)

12 — Personal Services (761-791)

13 — Entertainment, Recreational Services (800-810)

14 — Professional and Related Services (812-893)

15 — Public Administration (900-932)

17 — Active Duty Military (991)

**FREQUENCIES:**

MAJIND90\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 71,613 36,632 21,419 92,648 89,958 89,529 32,178 41,091 40,744 40,477

00 . . . . . . . . . .

01 2,490 1,899 886 4,108 4,700 3,668 1,141 1,643 1,655 1,610

02 441 509 185 1,049 1,151 1,125 356 571 557 460

03 3,691 3,566 1,373 5,898 6,242 5,773 1,932 2,484 2,601 2,633

04 5,992 5,555 1,932 7,812 7,681 7,280 2,468 3,397 3,284 3,244

05 8,371 7,580 2,841 11,356 11,040 10,366 3,690 4,735 4,586 4,370

06 4,185 4,083 1,440 6,430 6,409 6,111 2,018 2,754 2,638 2,718

07 1,122 1,077 364 1,714 1,706 1,456 539 780 894 836

08 1,286 1,216 456 1,781 1,862 1,798 657 869 771 696

09 10,057 9,948 3,732 15,515 15,527 15,140 4,856 6,723 6,849 6,864

10 3,006 3,284 1,092 5,070 5,122 4,926 1,695 2,306 2,271 2,348

11 1,802 1,801 753 3,093 3,046 3,009 1,070 1,591 1,643 1,840

12 3,017 2,505 989 3,919 4,345 3,824 1,287 1,731 1,871 1,715

13 606 676 237 1,072 1,252 1,002 337 447 498 513

14 11,026 11,704 4,390 18,897 17,629 18,578 6,166 8,484 8,426 8,466

15 2,508 2,627 1,009 4,509 4,703 4,180 1,414 1,874 1,959 1,908

17 . . . . . . . . 34 34

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

MAJIND90\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank 39,705 70,568 14,664 13,992 15,044 13,612 14,390 15,462 . .

00 . . . . . . . . 14,042 28,150

01 1,381 2,662 1,181 1,227 958 973 1,010 1,068 890 1,101

02 415 702 335 254 244 201 242 257 229 255

03 2,608 5,046 2,054 2,021 1,899 1,823 1,859 2,084 1,859 2,055

04 3,246 5,670 2,460 2,238 2,334 2,167 2,181 2,505 2,210 2,417

05 4,563 8,071 3,390 3,228 3,235 2,935 3,164 3,379 2,881 3,247

06 2,762 5,023 2,002 2,060 2,070 1,924 1,954 2,268 1,905 2,406

07 809 1,519 587 618 590 564 587 713 617 669

08 725 1,304 592 558 569 500 497 596 554 599

09 6,905 12,856 5,332 5,422 5,082 4,710 5,053 5,585 4,992 6,101

10 2,528 4,560 1,769 1,926 2,047 1,826 1,886 2,149 1,821 2,093

11 1,878 3,644 1,460 1,561 1,555 1,507 1,607 1,804 1,487 1,892

12 1,744 3,181 1,281 1,204 1,118 1,120 1,177 1,177 1,107 1,298

13 493 1,038 448 433 366 312 351 446 438 569

14 8,492 15,435 6,860 6,998 6,879 6,398 6,867 7,951 7,120 8,369

15 1,798 3,383 1,572 1,479 1,479 1,342 1,450 1,579 1,380 1,659

17 19 36 35 52 10 11 10 14 18 19

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

MAJIND90\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank . . . . . . . . . .

00 52,891 37,622 32,700 32,776 32,451 35,714 35,368 40,143 40,805 88,494

01 1,559 1,229 1,078 988 959 1,101 1,087 1,185 1,133 1,678

02 300 225 192 213 186 215 174 233 192 377

03 3,061 2,386 2,094 2,200 2,193 2,351 2,465 2,881 2,990 5,256

04 3,534 2,639 2,149 2,130 2,054 3,091 3,085 3,390 3,250 3,220

05 4,574 3,358 3,032 3,000 3,022 2,056 2,243 2,425 2,227 4,637

06 3,338 2,510 2,195 2,218 2,262 2,392 2,506 2,739 2,832 4,228

07 880 754 618 611 673 697 800 827 760 976

08 893 666 582 580 530 655 627 748 753 1,022

09 9,034 6,445 5,713 5,911 5,902 6,039 6,040 6,851 7,150 11,881

10 3,181 2,350 2,041 2,075 2,190 2,217 2,177 2,527 2,485 4,537

11 3,055 2,197 2,126 2,169 2,268 2,270 2,437 2,841 2,721 4,584

12 2,085 1,514 1,310 1,308 1,319 1,365 1,407 1,665 1,508 2,226

13 859 644 604 686 618 663 651 791 811 1,120

14 11,849 9,137 7,725 8,070 8,103 6,765 6,676 7,887 8,140 17,346

15 2,168 1,796 1,384 1,449 1,436 1,578 1,578 1,800 1,757 2,815

17 25 13 12 10 7 6 1 4 8 8

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

MAJIND90\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank . . . . . . . 69,234

00 86,935 93,167 70,382 69,812 67,302 69,381 68,886 .

01 1,743 2,025 1,709 1,699 1,750 1,683 1,801 1,633

02 299 414 376 442 389 468 375 410

03 5,137 5,693 5,476 5,510 5,097 5,057 4,888 4,426

04 3,103 3,169 2,872 2,762 2,673 2,588 2,585 2,552

05 4,613 4,954 4,544 4,319 4,234 4,079 3,815 3,867

06 4,096 4,224 4,068 3,962 4,114 3,962 3,735 3,850

07 1,026 1,014 1,009 1,074 924 841 842 711

08 971 1,000 929 784 756 718 747 839

09 11,623 12,418 11,603 11,131 11,284 11,506 11,135 10,775

10 4,214 4,337 4,292 4,246 3,947 3,989 3,954 3,851

11 4,260 4,378 4,189 4,286 4,276 4,300 4,388 4,171

12 2,171 2,191 2,094 2,135 2,039 2,041 2,065 2,021

13 970 1,038 991 913 945 999 1,119 959

14 17,191 17,976 17,010 17,664 17,309 18,006 17,943 17,629

15 2,943 3,245 2,906 2,995 3,002 2,995 3,173 3,116

17 14 14 13 8 14 16 17 17

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**64. Industry Using 2007 Codes** **IND2007** [Extract File](#IND2007) [Return to Index](#INDEX3_4)

**EDITS:** Simple

**For files:** 0303-1103

0000 ==> missing value code

**65. Major Industry Using 2007 Codes** **MAJIND2007** [Extract File](#MAJIND2007) [Return to Index](#INDEX3_4)

**EDITS:** Simple

**For files:** 0303-1103

00 ==> missing value code

**CODES for files:** 7303-8024, 8008-1103

blank — Industry missing, not reported, unknown

01 — Agriculture, forestry, fishing, and hunting (0170-0290)

02 — Mining (0370-0490)

03 — Construction (0770)

04 — Manufacturing (1070-3990)

05 — Wholesale and retail trade (4070-5790)

06 — Transportation, warehousing and utilities (0570-0690, 6070-6390)

07 — Information (6470-6780)

08 — Financial, insurance, real estate, rental and leasing (6870-7190)

09 — Professional, scientific, management, administrative,

waste management services (7270-7790)

10 — Educational, health care, and social services (7860-8470)

11 — Arts, entertainment, recreation, leisure accommodation, and food (8560-8690)

12 — Other services except public administration (8770-9290)

13 — Public administration (9370-9590)

14 — Armed Forces (9670-9870)

**FREQUENCIES:**

MAJIND2007\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303

blank 71,613 36,632 21,419 92,648 89,958 89,529 32,178 41,091 40,744

01 2,496 1,886 880 4,009 4,566 3,648 1,124 1,638 1,619

02 441 509 185 1,049 1,151 1,125 356 571 557

03 3,691 3,566 1,373 5,898 6,242 5,773 1,932 2,484 2,601

04 13,962 12,757 4,648 18,503 18,102 17,023 5,938 7,830 7,575

05 9,983 9,558 3,403 14,339 14,371 13,930 4,633 6,177 6,354

06 3,163 3,081 1,055 4,774 4,823 4,575 1,496 2,002 1,923

07 1,423 1,474 541 2,395 2,247 2,136 781 1,030 1,038

08 3,036 3,307 1,106 5,118 5,177 4,972 1,713 2,329 2,301

09 2,480 2,779 1,053 4,681 4,708 4,586 1,606 2,367 2,295

10 9,167 9,526 3,598 15,343 14,161 15,089 4,943 6,764 6,818

11 3,320 3,586 1,574 6,466 6,917 6,214 1,984 2,940 3,091

12 3,930 3,374 1,254 5,139 5,247 4,985 1,706 2,383 2,372

13 2,508 2,627 1,009 4,509 4,703 4,180 1,414 1,874 1,959

14 . . . . . . . . 34

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281

MAJIND2007\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103

blank 40,477 39,705 70,568 14,664 13,992 15,044 13,612 14,390 15,462

01 1,550 1,300 2,456 1,089 1,123 892 904 934 987

02 460 415 702 335 254 244 201 242 257

03 2,633 2,608 5,046 2,054 2,021 1,899 1,823 1,859 2,084

04 7,357 7,608 13,334 5,712 5,308 5,428 4,979 5,191 5,725

05 6,128 6,199 11,594 4,873 4,937 4,744 4,337 4,685 5,231

06 1,980 1,980 3,685 1,435 1,501 1,490 1,411 1,455 1,639

07 1,048 1,018 1,851 786 728 750 616 650 748

08 2,370 2,562 4,619 1,787 1,956 2,070 1,852 1,897 2,184

09 2,439 2,581 5,025 2,063 2,215 2,190 2,123 2,302 2,597

MAJIND2007\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103

(cont.)

10 6,839 6,813 12,385 5,542 5,621 5,473 5,153 5,513 6,386

11 3,151 3,107 5,800 2,334 2,403 2,155 2,078 2,169 2,506

12 2,358 2,358 4,214 1,741 1,681 1,611 1,483 1,538 1,638

13 1,908 1,798 3,383 1,572 1,479 1,479 1,342 1,450 1,579

14 34 19 36 35 52 10 11 10 14

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037

MAJIND2007\counts: 9203 9303 9413 9503 9603 9703 9803 9903 0003

blank 14,042 28,150 52,891 37,622 32,700 32,776 32,451 34,050 33,653

01 772 953 1,270 1,007 880 802 747 823 832

02 229 255 300 225 192 213 186 215 174

03 1,859 2,055 3,061 2,386 2,094 2,200 2,193 2,351 2,465

04 4,960 5,492 7,908 5,856 5,049 4,993 4,954 5,012 5,192

05 4,609 5,444 7,759 5,834 5,109 5,173 5,155 5,377 5,446

06 1,371 1,796 2,445 1,851 1,639 1,634 1,630 1,757 1,823

07 638 768 1,153 819 678 789 789 795 846

08 1,886 2,173 3,299 2,432 2,122 2,162 2,293 2,282 2,261

09 2,251 2,782 4,255 3,343 2,898 3,105 3,192 3,303 3,443

10 5,721 6,776 9,627 7,345 6,311 6,494 6,515 6,802 6,762

11 2,320 2,787 4,453 3,097 2,740 2,919 2,863 3,033 3,058

12 1,494 1,790 2,672 1,859 1,747 1,675 1,762 1,791 1,788

13 1,380 1,659 2,168 1,796 1,384 1,449 1,436 1,578 1,578

14 18 19 25 13 12 10 7 6 1

Total 43,550 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322

MAJIND2007\counts: 0103 0203 0303 0403 0503 0603 0703 0803 0903

blank 38,127 38,684 88,494 86,935 93,167 70,382 69,812 67,302 69,381

01 887 872 1,177 1,235 1,409 1,135 1,140 1,122 1,083

02 233 192 377 299 414 376 442 389 468

03 2,881 2,990 5,060 4,967 5,512 5,273 5,345 4,917 4,853

04 5,682 5,351 7,507 7,365 7,797 7,084 6,733 6,660 6,392

05 6,088 6,149 9,788 9,481 10,115 9,486 9,036 8,899 8,890

06 1,941 1,992 3,148 3,106 3,283 3,127 3,120 3,259 3,207

07 962 1,002 1,626 1,561 1,466 1,466 1,492 1,415 1,455

08 2,616 2,560 4,659 4,390 4,509 4,443 4,340 4,075 4,100

09 4,128 3,994 6,800 6,185 6,494 6,284 6,544 6,653 6,757

10 7,955 8,244 13,451 13,515 14,113 13,334 13,777 13,339 13,929

11 3,658 3,732 6,338 6,121 6,405 6,061 5,918 6,078 6,099

12 1,975 1,995 3,157 3,192 3,314 3,093 3,040 2,931 3,004

13 1,800 1,757 2,815 2,943 3,245 2,906 2,995 3,002 2,995

14 4 8 8 14 14 13 8 14 16

Total 78,937 79,522 154,405 151,309 161,257 134,463 133,742 130,055 132,629

MAJIND2007\counts: 1003 1103

blank 68,886 69,234

01 1,169 1,107

02 375 410

03 4,676 4,180

04 6,162 6,161

05 8,736 8,383

06 3,087 2,931

07 1,364 1,327

08 4,065 3,908

09 6,776 6,627

10 14,073 13,834

11 6,006 5,933

12 2,903 2,893

13 3,173 3,116

14 17 17

Total 131,468 130,061

**66. Occupation Using 1990 Codes** **OCC1990** [Extract File](#OCC1990) [Return to Index](#INDEX3_4)

**EDITS:** Simple, Invalid Entry

**For files:** 9203–9803, 0303-1103

000 ==> missing value code

**For files:** 0203

0-1 ==> missing value code

**67. Major Occupation Using 1990 Codes** **MAJOCC90** [Extract File](#MAJOCC90) [Return to Index](#INDEX3_4)

**EDITS:** Simple, Recode

**For files**: 9903-1103

00 ==> missing value code

**For files**: 9203–9803

19 ==> missing value code

**For files**: 9903-0203

old\_majocc90 = majocc90;

select (old\_majocc90);

when ('10') majocc90 = '15';

when ('11') majocc90 = '16';

when ('12') majocc90 = '17';

when ('14') majocc90 = '18';

when ('15','-1') majocc90 = '00';

otherwise majocc90 = old\_majocc90;

end;

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

(specific 1990 occupation groupings are shown in parentheses)

blank — Occupation missing, unknown

**Managerial & Professional Specialties**

01 — Executive, administrative, managerial (003-037)

02 — Professional specialties (043-199)

**Technical, Sales & Administrative Support**

03 — Technicians and related support (203-235)

04 — Sales (243-285)

05 — Administrative support including clerical (303-389)

**Service Occupations**

06 — Private household (403-407)

07 — Protective services (413-427)

08 — Service excluding private and protective (433-469)

**Farming, Forestry & Fishing**

09 — Farm operators & mangers (473-476)

10 — Other agricultural and related (477-499)

**Precision Production, Crafts & Repair**

11 — Mechanics & repairers (503-549)

12 — Construction trades (553-599)

13 — Extractive (613-617)

14 — Precision production (628-699)

**Operators, Fabricators & Laborers**

15 — Machine operators, assemblers & inspectors (703-799)

16 — Transportation & materials moving (803-859)

17 — Handlers, equipment cleaners, helpers & laborers (864-889)

**Military Occupations**

18 — Military occupations (905)

**NOTE**: Military codes for 9903-0203 are under review.

**FREQUENCIES:**

MAJOCC90\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 71,520 36,577 21,393 92,480 89,880 89,480 32,109 41,025 40,774 40,497

01 5,197 5,628 1,910 8,878 9,285 8,905 3,161 4,219 4,052 4,120

02 6,288 6,541 2,371 10,619 9,837 10,356 3,479 4,691 4,716 4,876

03 1,312 1,390 471 2,424 2,253 2,305 789 1,038 1,050 1,143

04 6,222 6,148 2,173 9,563 9,408 9,477 3,052 4,148 4,580 4,551

05 9,188 9,168 3,372 14,815 14,579 13,965 4,702 6,411 6,332 6,210

06 1,333 1,030 350 1,290 1,366 1,275 429 606 571 521

07 801 799 286 1,251 1,177 1,171 421 550 607 567

08 6,422 6,579 2,748 10,891 10,914 10,219 3,364 4,881 4,957 5,012

09 1,111 781 309 1,725 1,887 1,629 508 692 647 669

10 1,658 1,253 633 2,588 3,329 2,185 697 1,033 1,064 973

11 2,322 2,247 791 3,651 3,419 3,286 1,197 1,511 1,594 1,582

12 2,308 2,270 822 3,632 3,888 3,494 1,236 1,582 1,734 1,729

13 107 118 51 269 296 315 105 154 146 97

14 2,434 2,284 860 3,529 3,496 3,332 1,183 1,493 1,421 1,434

15 6,794 5,926 2,366 8,525 8,490 7,980 2,684 3,652 3,333 3,163

16 2,724 2,613 929 3,987 4,085 3,837 1,265 1,705 1,761 1,771

17 3,472 3,310 1,263 4,753 4,784 4,554 1,422 2,089 1,908 1,783

18 . . . 1 . . 1 . 34 34

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

MAJOCC90\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank 39,745 70,624 14,687 14,020 15,074 13,627 14,416 15,485 14,042 28,150

01 4,348 7,924 3,237 3,511 3,694 3,418 3,630 4,119 3,548 4,408

02 4,797 9,033 3,956 4,065 4,026 3,796 3,923 4,520 3,962 4,818

03 1,112 2,209 966 860 899 871 973 1,042 1,056 1,116

04 4,729 8,655 3,706 3,689 3,526 3,310 3,481 3,866 3,395 4,167

05 6,413 11,713 4,977 5,004 4,916 4,309 4,705 5,296 4,819 5,220

06 537 855 360 313 245 242 219 219 209 275

07 599 1,149 529 512 458 473 524 539 512 591

08 4,916 8,778 3,646 3,653 3,405 3,218 3,431 3,918 3,458 4,192

09 537 1,076 472 461 417 403 418 430 374 436

10 870 1,853 801 795 526 547 565 633 511 676

11 1,598 2,878 1,257 1,177 1,206 1,085 1,076 1,244 1,069 1,141

12 1,714 3,341 1,361 1,290 1,275 1,143 1,250 1,422 1,216 1,370

13 117 143 77 52 57 44 41 54 55 56

14 1,405 2,625 1,149 1,078 1,038 941 1,003 1,046 922 1,075

15 3,114 5,359 2,206 2,071 2,219 2,089 2,070 2,377 1,964 2,305

16 1,699 3,104 1,267 1,320 1,253 1,206 1,227 1,427 1,180 1,478

17 1,802 3,343 1,333 1,348 1,235 1,192 1,323 1,386 1,240 1,406

18 19 36 35 52 10 11 10 14 18 19

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

MAJOCC90\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank 52,891 37,622 32,700 32,776 32,451 34,050 33,653 38,127 38,684 88,494

01 5,998 4,911 4,355 4,587 4,485 4,857 4,860 5,622 5,880 9,702

02 6,742 5,393 4,592 4,840 4,893 5,115 5,046 5,892 6,002 10,033

03 1,550 1,096 950 1,061 1,041 1,018 1,132 1,328 1,293 2,027

04 6,007 4,631 3,931 4,033 4,086 4,204 4,152 4,634 4,663 7,678

05 7,534 5,528 4,774 4,795 4,801 4,854 4,927 5,605 5,482 9,524

06 433 312 272 271 293 265 269 289 248 .

07 836 627 508 570 564 571 590 642 708 1,123

08 6,561 4,623 3,990 4,058 4,138 4,349 4,397 5,139 5,270 9,063

09 592 504 396 359 360 329 321 368 400 615

10 962 693 652 636 597 741 782 827 709 1,065

11 1,735 1,248 1,183 1,144 1,187 1,244 1,230 1,389 1,379 2,170

12 2,128 1,570 1,335 1,441 1,480 1,539 1,633 1,954 1,942 3,088

13 65 51 44 56 47 51 38 62 45 48

14 1,600 1,150 928 982 1,003 998 1,058 1,136 1,083 1,714

15 3,356 2,449 2,157 2,070 2,061 2,037 2,119 2,330 2,139 3,087

16 1,994 1,499 1,388 1,338 1,350 1,424 1,528 1,767 1,743 2,672

17 2,277 1,565 1,388 1,367 1,329 1,523 1,586 1,822 1,844 2,294

18 25 13 12 10 7 6 1 4 8 8

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

MAJOCC90\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank 86,935 93,167 70,382 69,812 67,302 69,381 68,886 69,234

01 9,291 9,393 9,319 9,291 9,203 9,629 9,229 8,743

02 10,351 10,755 10,106 10,637 10,498 10,895 10,859 11,120

03 1,967 2,142 1,939 1,962 1,967 1,973 2,057 2,128

04 7,545 7,794 7,460 7,229 7,096 7,047 6,865 6,590

05 8,849 9,288 8,690 8,464 8,295 8,205 8,012 7,819

06 . . . . . . . .

07 1,233 1,277 1,191 1,234 1,255 1,240 1,345 1,377

08 8,860 9,461 8,974 8,941 8,765 8,973 9,165 8,776

09 654 763 605 603 614 611 612 554

10 1,104 1,313 1,155 1,134 1,161 1,083 1,156 1,101

11 2,076 2,312 2,126 2,059 1,999 2,027 2,013 1,855

12 3,039 3,330 3,158 3,102 2,850 2,652 2,623 2,394

13 71 93 98 110 82 115 107 127

14 1,506 1,611 1,424 1,422 1,343 1,227 1,285 1,405

15 2,975 3,326 2,852 2,791 2,710 2,493 2,503 2,255

16 2,566 2,687 2,512 2,542 2,568 2,710 2,456 2,407

17 2,273 2,531 2,459 2,401 2,333 2,352 2,278 2,159

18 14 14 13 8 14 16 17 17

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**68. Occupation Using 2000 Codes** **OCC2000** [Extract File](#OCC2000) [Return to Index](#INDEX3_4)

**EDITS:** Simple, Recode

**For files**: 8014, 8103, 8303-0203

9830 ==> 9840

**For files**: 0303-1103

0000 ==> missing value code

**69. Major Occupation Using the Census 2000 Codes** **MAJOCC2000** [Extract File](#MAJOCC2000)

[Return to Index](#INDEX3_4)

**EDITS:** Simple, Invalid Entry

**For files**: 7303-8014, 8008-1103

00 ==> missing value code

**FREQUENCIES:**

MAJOCC2000\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303

blank 71,520 36,577 21,393 92,480 89,880 89,480 32,109 41,025 40,774

01 6,310 6,440 2,215 10,638 11,158 10,584 3,677 4,946 4,685

02 9,744 10,096 3,667 16,534 15,378 15,908 5,373 7,281 7,273

03 7,248 7,054 2,924 11,415 11,963 10,710 3,489 5,118 5,166

04 6,222 6,148 2,173 9,563 9,408 9,477 3,052 4,148 4,580

05 9,205 9,180 3,392 14,792 14,573 13,988 4,738 6,342 6,378

06 1,313 967 475 1,974 2,308 1,675 561 767 785

07 3,422 3,207 1,250 5,410 5,765 5,291 1,780 2,345 2,430

08 2,396 2,305 807 3,753 3,525 3,384 1,231 1,557 1,647

09 9,063 8,089 3,174 11,813 11,805 11,079 3,782 5,058 4,681

10 4,770 4,599 1,628 6,498 6,610 6,189 2,011 2,893 2,848

11 . . . 1 . . 1 . 34

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281

MAJOCC2000\counts: 8403 8503 8509 8603 8703 8803 8903 9003 9103

blank 40,497 39,745 70,624 14,687 14,020 15,074 13,627 14,416 15,485

01 4,749 4,856 8,972 3,691 3,936 4,085 3,821 4,037 4,548

02 7,477 7,460 13,998 6,148 6,157 6,111 5,793 6,146 6,928

03 5,107 5,007 9,163 3,795 3,732 3,282 3,147 3,323 3,746

04 4,551 4,729 8,655 3,706 3,689 3,526 3,310 3,481 3,866

05 6,258 6,422 11,756 4,994 5,015 4,920 4,295 4,696 5,262

06 770 648 1,184 537 543 390 395 419 470

07 2,358 2,344 4,494 1,837 1,746 1,668 1,543 1,618 1,845

08 1,626 1,648 2,968 1,293 1,201 1,247 1,123 1,100 1,282

09 4,538 4,475 7,899 3,322 3,097 3,226 3,000 3,042 3,389

10 2,767 2,718 4,949 1,977 2,083 1,940 1,860 1,997 2,202

11 34 19 36 35 52 10 11 10 14

Total 80,732 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037

MAJOCC2000\counts: 9203 9303 9413 9503 9603 9703 9803 9903 0003

blank 14,042 28,150 52,891 37,622 32,700 32,776 32,451 34,050 33,653

01 3,908 4,842 6,573 5,382 4,763 4,959 4,841 5,156 5,176

02 6,254 7,371 10,472 8,139 6,950 7,320 7,381 7,686 7,717

03 3,335 4,071 6,403 4,508 3,918 4,005 4,080 4,265 4,349

04 3,395 4,167 6,007 4,631 3,931 4,033 4,086 4,204 4,152

05 4,792 5,248 7,561 5,493 4,690 4,783 4,799 4,809 4,839

06 370 476 637 471 423 403 383 488 512

07 1,604 1,792 2,801 2,058 1,761 1,888 1,897 2,034 2,134

08 1,099 1,186 1,777 1,290 1,220 1,168 1,226 1,291 1,279

09 2,830 3,334 4,891 3,557 3,034 3,007 3,019 2,995 3,152

10 1,903 2,243 3,248 2,321 2,153 2,042 2,003 2,191 2,358

11 18 19 25 13 12 10 7 6 1

Total 43,550 62,899 103,286 75,485 65,555 66,394 66,173 69,175 69,322

MAJOCC2000\counts: 0103 0203 0303 0403 0503 0603 0703 0803 0903

blank 38,127 38,684 88,494 86,935 93,167 70,382 69,812 67,302 69,381

01 6,006 6,290 9,282 8,917 9,204 8,934 8,951 8,910 9,268

02 9,023 9,212 12,391 12,621 13,198 12,345 12,938 12,754 13,224

03 5,026 4,961 11,394 11,331 12,077 11,440 11,378 11,248 11,444

04 4,634 4,663 7,555 7,390 7,634 7,275 7,076 6,900 6,888

05 5,495 5,396 9,447 8,854 9,216 8,645 8,415 8,306 8,126

06 483 467 550 572 670 578 581 551 510

07 2,538 2,554 4,292 4,064 4,576 4,457 4,436 4,085 3,904

08 1,428 1,429 2,355 2,234 2,486 2,268 2,208 2,120 2,186

09 3,422 3,172 4,655 4,421 4,871 4,219 4,141 3,983 3,664

10 2,751 2,686 3,982 3,956 4,144 3,907 3,798 3,882 4,018

11 4 8 8 14 14 13 8 14 16

Total 78,937 79,522 154,405 151,309 161,257 134,463 133,742 130,055 132,629

MAJOCC2000\counts: 1003 1103

blank 68,886 69,234

01 8,927 8,857

02 13,195 12,857

03 11,815 11,503

04 6,715 6,444

05 7,933 7,811

06 550 524

07 3,745 3,489

08 2,166 1,984

09 3,731 3,670

10 3,788 3,671

11 17 17

Total 131,468 130,061

**70. Class of Worker** **CLASSWKR** [Extract File](#CLASSWKR) [Return to Index](#INDEX3_4)

**EDITS:** Simple, Recode

**For file:** 7303

-- ==> missing value code

**For files:** 8903–9103

-1 ==> missing value code

**For file**: 8012

^^ ==> missing value code

**For files:** 0303–1103

01 ==> 05

02 ==> 05

03 ==> 05

04 ==> 04

05 ==> 04

06 ==> 12

07 ==> 12

08 ==> 14

**NOT AVAILABLE:** 8024

**CODES for files**: 7303-8014, 8008-1103

blank — Not in the universe, unknown

00 — Not in the labor force

01 — Agriculture, wage & salary

02 — Agriculture, self-employed

03 — Agriculture, unpaid family

04 — Non-agriculture, wage and salary, private household

05 — Non-agriculture, wage and salary, government

**Non-agriculture, Wage and Salary, Other Private Goods Producing Industries**

06 — White collar occupations

07 — Blue collar occupations

08 — Service occupations

**Service Producing Industries**

09 — White collar occupations

10 — Blue collar occupations

11 — Service occupations

12 — Non-agriculture, wage and salary, self-employed

13 — Non-agriculture, wage and salary, unpaid family

14 — No previous full time work experience, no pay

**FREQUENCIES:**

CLASSWKR\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 33,734 760 . 41,534 41,188 40,403 . . . .

00 41,151 37,948 21,258 55,447 52,401 53,121 31,925 40,854 40,320 40,070

01 760 698 15,669 1,457 1,708 1,266 21,283 28,983 29,103 29,126

02 1,129 812 724 1,788 2,006 1,667 985 1,346 1,306 1,401

03 273 113 788 348 459 252 1,183 1,516 1,607 1,605

04 1,348 1,033 2,049 1,276 1,529 1,254 2,528 3,436 3,421 3,372

05 8,885 9,060 387 14,419 13,613 13,711 651 879 1,023 946

06 4,328 4,407 1,687 6,860 6,701 6,466 2,630 3,526 3,610 3,544

07 11,896 10,787 241 15,742 16,007 14,646 322 431 379 262

08 301 282 295 390 399 347 297 509 512 406

09 13,357 14,472 . 22,938 23,139 22,766 . . . .

10 5,325 5,258 . 7,936 8,087 7,704 . . . .

11 4,277 4,606 . 7,833 7,979 7,283 . . . .

12 3,598 3,599 . 5,874 5,902 5,922 . . . .

13 371 264 . 325 330 296 . . . .

14 480 563 . 704 925 661 . . . .

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

CLASSWKR\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank . . . . . 13,166 14,035 14,879 . .

00 39,315 69,870 14,664 13,992 15,044 475 400 583 14,042 28,150

01 29,692 54,375 22,977 22,841 432 471 454 504 436 523

02 1,242 2,292 1,030 1,015 5 6 7 6 5 3

03 1,572 2,733 1,222 1,280 438 401 434 443 376 458

04 3,236 6,036 2,785 2,733 40 38 40 48 22 48

05 1,010 1,868 733 769 307 293 279 260 255 334

06 3,405 6,409 2,456 2,513 22,191 20,460 21,599 24,502 21,700 25,179

07 209 487 155 128 944 855 973 973 863 1,059

08 390 628 . . 1,257 1,189 1,313 1,546 1,268 1,468

09 . . . . 2,601 2,466 2,558 2,844 2,525 3,125

10 . . . . 2,148 2,029 2,127 2,375 2,011 2,471

11 . . . . 72 76 66 74 47 81

12 . . . . . . . . . .

13 . . . . . . . . . .

14 . . . . . . . . . .

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

CLASSWKR\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank . . . . . . . . . .

00 52,659 37,429 32,550 32,613 32,307 33,932 33,550 38,009 38,524 87,602

01 37,403 27,642 24,411 24,972 25,288 26,428 26,882 31,105 30,920 1,856

02 1,445 1,140 898 874 859 881 912 1,030 1,045 2,774

03 2,054 1,708 1,357 1,416 1,399 1,427 1,484 1,726 1,681 5,222

04 3,724 2,965 2,438 2,484 2,469 2,701 2,642 2,978 3,026 45,956

05 1,572 1,238 904 1,074 1,051 1,016 1,148 1,127 1,335 4,077

06 4,116 3,115 2,792 2,765 2,618 2,638 2,569 2,795 2,793 2,206

07 81 55 55 33 38 34 32 49 38 4,648

08 232 193 150 163 144 118 103 118 160 64

09 . . . . . . . . . .

10 . . . . . . . . . .

11 . . . . . . . . . .

12 . . . . . . . . . .

13 . . . . . . . . . .

14 . . . . . . . . . .

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

CLASSWKR\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank . . . . . . . .

00 86,437 92,011 69,588 68,915 66,735 68,803 68,277 68,569

01 1,659 1,857 1,675 1,672 1,721 1,679 1,885 1,876

02 2,864 3,093 2,873 3,015 2,856 2,873 2,985 2,907

03 4,965 5,286 4,607 4,734 4,717 4,761 4,632 4,291

04 44,416 47,189 44,730 44,241 43,348 43,660 43,076 42,147

05 4,089 4,215 4,057 4,125 3,920 4,145 4,234 4,062

06 2,211 2,455 2,238 2,344 2,278 2,302 2,175 2,028

07 4,620 5,081 4,645 4,620 4,420 4,371 4,151 4,124

08 48 70 50 76 60 35 53 57

09 . . . . . . . .

10 . . . . . . . .

11 . . . . . . . .

12 . . . . . . . .

13 . . . . . . . .

14 . . . . . . . .

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**71. Class of worker, Recode** **RCOW1** [Extract File](#RCOW1) [Return to Index](#INDEX3_4)

**EDITS:** Invalid Entry, Recode

**For files:** 7303, 7802, 8014, 8008, 8012

- ==> missing value code

**For files:** 7303–0203

0 ==> missing value code

**For file:** 8012

^ ==> missing value code

**For file:** 7303

1, 5 ==> 1

2, 6 ==> 2

3, 7 ==> 3

4, 8 ==> 4

**For files:** 7802–8014, 8008–1103

3, 4 ==> 2

5, 6 ==> 3

7 ==> 4

8 ==> 5

**NOT AVAILABLE:** 8024

**CODES for files:** 7303–8014, 8008–1103

blank — Not in universe, unknown

1 — Private industry

2 — Government

3 — Self-employed

4 — Worked without pay

5 — Never worked

**FREQUENCIES:**

RCOW1\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 75,365 35,224 21,258 91,642 89,127 88,927 31,925 40,854 40,320 40,070

1 41,580 42,948 15,669 66,303 66,810 63,148 21,283 28,983 29,103 29,126

2 8,897 9,567 3,561 15,081 14,288 14,371 4,696 6,298 6,334 6,378

3 4,727 5,598 2,074 9,816 9,995 9,714 3,281 4,405 4,633 4,490

4 644 651 241 1,062 1,139 866 322 431 379 262

5 . 674 295 967 1,014 739 297 509 512 406

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

RCOW1\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank 39,315 69,870 14,664 13,992 14,884 13,500 14,405 15,462 13,896 28,342

1 29,692 54,375 22,977 22,841 22,114 20,424 21,494 24,401 21,628 24,873

2 6,050 11,061 5,037 5,028 4,807 4,516 4,835 5,369 4,661 5,627

3 4,415 8,277 3,189 3,282 3,385 3,230 3,301 3,683 3,146 3,927

4 209 487 155 128 112 114 106 122 69 129

5 390 628 . . 177 141 144 . 150 1

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

RCOW1\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank 52,659 37,429 32,550 32,613 32,307 33,932 33,550 38,009 38,524 87,602

1 37,403 27,642 24,411 24,972 25,288 26,428 26,882 31,105 30,920 50,033

2 7,223 5,813 4,693 4,774 4,727 5,009 5,038 5,734 5,752 9,852

3 5,688 4,353 3,696 3,839 3,669 3,654 3,717 3,922 4,128 6,854

4 81 55 55 33 38 34 32 49 38 64

5 232 193 150 163 144 118 103 118 160 .

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

RCOW1\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank 86,437 92,011 69,588 68,915 66,735 68,803 68,277 68,569

1 48,505 51,404 48,787 48,366 47,268 47,805 47,310 46,209

2 9,488 10,236 9,155 9,421 9,294 9,313 9,502 9,074

3 6,831 7,536 6,883 6,964 6,698 6,673 6,326 6,152

4 48 70 50 76 60 35 53 57

5 . . . . . . . .

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**OTHER DEMOGRAPHIC VARIABLES**

**72. Veteran Status** **VTSTAT** [Extract File](#VTSTAT) [Return to Index](#INDEX3_5)

**EDITS:** Simple, Invalid Entry

**For files:** 7303–0203

0 ==> missing value code

**For files:** 8012

^ ==> missing value code

**NOT AVAILABLE:** 8024

**CODES for files:** 7303–8014, 8008–1103

blank — Female or unknown, or age less than or equal to 13

1 — Vietnam era

2 — Korean War

3 — World War II

4 — World War I

5 — Other veteran

6 — Non-service

7 — Persian Gulf/Afghanistan Wars

**FREQUENCIES:**

VTSTAT\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 84,967 51,365 27,784 117,992 116,029 112,900 39,163 51,694 51,380 51,266

1 3,983 4,209 1,433 6,511 6,205 6,330 2,131 2,701 2,734 2,709

2 3,151 2,615 833 3,754 3,750 3,605 1,306 1,582 1,521 1,555

3 7,542 6,154 1,916 8,670 8,492 8,234 2,816 3,534 3,333 3,246

4 727 302 91 411 323 304 129 116 110 58

5 2,450 2,398 826 3,777 3,822 3,851 1,340 1,772 1,830 1,768

6 28,393 27,619 10,215 43,756 43,752 42,541 14,919 20,081 20,373 20,130

7 . . . . . . . . . .

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

VTSTAT\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank 50,382 31,073 24,842 24,417 441 483 408 583 386 11,041

1 2,711 4,999 2,102 2,038 1,948 1,790 1,926 2,090 1,859 2,157

2 1,503 2,754 1,140 1,131 1,155 1,044 1,102 1,207 995 1,164

3 3,051 5,954 2,378 2,292 2,202 1,991 1,994 2,023 1,762 1,966

4 63 115 35 29 18 13 11 8 9 5

5 1,832 3,675 1,473 1,473 1,557 1,483 1,554 1,698 1,609 1,762

6 20,529 96,128 14,052 13,891 38,158 35,121 37,290 41,428 36,930 44,804

7 . . . . . . . . . .

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

VTSTAT\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank 26,690 18,011 15,706 15,553 15,775 16,548 16,429 18,542 18,592 59,140

1 2,765 2,229 1,777 1,880 1,899 1,918 1,810 2,136 2,216 2,900

2 1,311 1,055 937 913 828 867 856 931 915 977

3 2,289 1,936 1,557 1,509 1,360 1,304 1,185 1,239 1,158 1,213

4 9 4 1 2 . . . . . .

5 2,893 2,178 1,869 1,952 1,895 1,866 1,936 2,237 2,196 3,610

6 67,329 50,072 43,708 44,585 44,416 46,672 47,106 53,852 54,445 86,565

7 . . . . . . . . . .

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

VTSTAT\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank 58,578 61,431 43,612 42,956 40,960 41,689 40,708 40,298

1 2,798 2,834 3,924 3,929 3,720 3,763 3,459 3,493

2 929 1,037 1,612 1,532 1,394 1,448 1,292 1,299

3 1,050 1,166 929 813 703 653 572 480

4 . . 15 6 14 9 9 6

5 3,430 3,797 . . . . . .

6 84,524 90,992 82,784 82,786 81,573 83,405 83,603 82,596

7 . . 1,587 1,720 1,691 1,662 1,825 1,889

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**73. Migration** **MIGRAT** [Extract File](#MIGRAT) [Return to Index](#INDEX3_5)

**EDITS:** Simple, Recode

**For files:** 7903, 8103–8503

00 ==> missing value

01 ==> 1

02 ==> 2

03 ==> 3

04 ==> 4

05 ==> 5

06 ==> 6

07 ==> 7

08 ==> 8

09 ==> 9

**For files:** 8603, 8703

00 ==> missing value

01 ==> 1

02, 03, 04, 05 ==> 2

06, 07, 08, 09 ==> 3

10, 11 ==> 4

12, 13 ==> 5

14 ==> 6

15, 16 ==> 7

17 ==> 8

18 ==> 9

**For files:** 8803–9903, 0103-1103

00 ==> missing value

01 ==> 1

02, 03, 04, 05, 06 ==> 2

07, 08, 09, 10 ==> 3

11, 12 ==> 4

13, 14 ==> 5

15 ==> 6

16, 17 ==> 7

18 ==> 8

19 ==> 9

**For file:** 0003

0 ==> missing value

1 ==> 1

2 ==> 2

3 ==> 4

4 ==> 5

5 ==> 6

6 ==> 7

7 ==> 8

8, 9 ==> 9

blank ==> 9

**NOT AVAILABLE:** 7303, 7802, 8014-8012, 8509

**CODES for files:** 7903, 8103-8503, 8603-1103

blank — Missing

1 — Nonmovers

2 — Moved within an SMSA

3 — Moved between SMSAs

4 — Moved from a SMSA to a non SMSA

5 — Moved from a non SMSA to an SMSA

6 — Moved from a non SMSA to a non SMSA

7 — Moved from abroad to an SMSA

8 — Moved from abroad to a non SMSA

9 — Not in survey, children LE (file specific age)

**FREQUENCIES:**

MIGRAT\counts: 7903 8103 8203 8303 8403 8503 8603 8703 8803 8903

blank . . 1 . . . . . . .

1 23,076 50,038 66,797 66,704 65,972 42,880 38,358 37,739 38,150 35,220

2 7,449 4,309 5,500 5,468 5,722 12,383 3,679 3,639 3,730 3,320

3 2,317 1,253 1,624 1,552 1,620 4,468 1,398 1,382 1,175 1,100

4 1,438 756 1,013 880 863 2,502 417 341 368 343

5 892 665 741 696 777 1,946 438 522 330 302

6 4,340 3,446 4,116 4,341 4,048 8,327 1,590 1,526 1,580 1,470

7 645 274 290 242 291 1,123 129 110 115 147

8 61 64 87 121 96 220 13 12 31 23

9 2,880 999 1,311 1,277 1,343 6,222 . . . .

Total 43,098 61,804 81,480 81,281 80,732 80,071 46,022 45,271 45,479 41,925

MIGRAT\counts: 9003 9103 9203 9303 9413 9503 9603 9703 9803 9903

blank . . . . . . . . . .

1 37,065 41,417 36,626 53,132 78,213 39,299 54,300 55,077 55,118 57,947

2 3,499 3,835 3,619 4,692 12,153 15,247 5,546 5,695 5,302 5,501

3 1,263 1,287 1,059 1,365 3,508 5,971 1,804 1,656 1,684 2,001

4 365 435 370 496 1,223 1,759 547 524 555 479

5 375 328 322 355 922 1,332 366 387 445 417

6 1,525 1,511 1,405 2,003 4,290 4,428 1,642 1,768 1,815 1,524

7 167 197 132 192 611 1,447 324 281 285 337

8 26 27 17 35 110 141 42 38 35 30

9 . . . 629 2,256 5,861 984 968 934 939

Total 44,285 49,037 43,550 62,899 103,286 75,485 65,555 66,394 66,173 69,175

MIGRAT\counts: 0003 0103 0203 0303 0403 0503 0603 0703 0803 0903

blank . . . 22,184 22,047 23,959 6,620 6,764 5,485 5,525

1 55,511 67,923 67,733 108,306 107,193 114,866 106,240 106,458 106,529 108,322

2 6,728 4,821 5,304 11,040 10,301 10,851 11,622 11,145 9,675 10,481

3 . 1,739 1,883 3,842 3,760 3,780 3,088 2,536 2,290 2,267

4 517 445 566 1,087 1,076 1,027 852 826 647 646

5 372 785 828 1,676 985 907 738 696 585 563

6 1,438 1,701 1,806 3,626 3,289 2,946 2,748 2,782 2,317 2,301

7 389 398 315 540 569 739 541 510 498 490

8 39 50 36 92 80 94 74 50 57 46

9 4,328 1,075 1,051 2,012 2,009 2,088 1,940 1,975 1,972 1,988

Total 69,322 78,937 79,522 154,405 151,309 161,257 134,463 133,742 130,055 132,629

MIGRAT\counts: 1003 1103

blank 5,539 6,047

1 106,701 106,413

2 11,050 9,754

3 2,150 2,186

4 581 599

5 643 528

6 2,463 2,320

7 422 466

8 27 28

9 1,892 1,720

Total 131,468 130,061

**FAMILY INCOME AND POVERTY VARIABLES**

**74. Adjusted Income** **FMINC80** [Extract File](#FMINC80) [Return to Index](#INDEX4_1)

**EDITS:** Simple, Recode

**For files:** 7303–0203

- ==> 0, negative income level

9 ==> missing value code

**NOT AVAILABLE:** 8024

**CODES for files:** 7303–8014, 8008–1103

blank — Unknown or missing income

0 — Negative income

1 — $ 0 – $ 4,999

2 — $ 5,000 – $ 9,999

3 — $10,000 – $14,999

4 — $15,000 – $19,999

5 — $20,000 – $24,999

6 — $25,000 – $49,999

7 — $50,000 plus

**FREQUENCIES:**

FMINC80\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 2 8,385 2 13,476 16,265 15,303 . 2 2 8

0 263 . . . . . . . . .

1 8,480 8,437 3,187 17,508 17,667 16,524 5,171 7,505 7,945 8,474

2 14,616 13,132 5,655 26,916 26,768 26,864 8,114 11,785 11,716 11,411

3 16,197 15,512 6,025 29,972 30,503 30,154 8,599 11,782 12,011 11,472

4 18,647 10,920 5,654 26,024 24,670 23,545 8,383 11,416 11,565 11,016

5 18,382 13,762 5,543 25,649 25,069 23,829 8,161 10,017 10,392 9,727

6 45,302 22,637 14,144 38,448 34,622 34,730 19,362 24,178 22,496 23,258

7 9,324 1,877 2,888 6,878 6,809 6,816 4,014 4,795 5,154 5,366

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

FMINC80\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank 5 7,312 1 9 6 7 4 5 5 31

0 . . 139 121 62 88 45 69 53 92

1 7,268 19,826 4,295 4,114 3,994 3,745 3,878 4,198 4,077 6,477

2 10,738 17,621 6,270 5,859 5,674 5,593 5,839 6,476 6,065 8,551

3 10,561 24,056 6,198 5,817 6,215 5,543 5,741 6,522 6,171 8,439

4 10,367 14,788 5,918 5,601 5,840 5,184 5,550 6,212 5,729 7,611

5 9,346 25,097 5,506 5,270 5,233 4,839 5,097 5,622 4,777 7,022

6 25,145 31,362 14,084 14,311 14,326 12,897 13,843 15,165 12,909 19,053

7 6,641 4,636 3,611 4,169 4,129 4,029 4,288 4,768 3,764 5,623

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

FMINC80\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank 10 1 7 8 6 2 15 20 4 22,192

0 174 136 10 4 80 86 57 70 83 149

1 13,554 8,556 7,466 7,380 7,123 6,789 6,355 6,841 7,064 12,313

2 16,268 10,854 9,604 9,577 9,095 9,672 9,609 10,870 10,718 16,869

3 14,719 10,152 8,821 9,152 8,729 9,421 9,508 10,605 10,954 17,214

4 12,772 8,922 8,217 8,012 8,034 8,313 8,217 9,489 9,698 14,750

5 10,141 7,853 7,122 6,904 6,937 7,146 7,330 8,446 8,146 13,950

6 27,026 21,602 18,222 18,705 19,209 20,077 20,258 23,567 23,717 40,372

7 8,622 7,409 6,086 6,652 6,960 7,669 7,973 9,029 9,138 16,596

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

FMINC80\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank 22,066 23,972 6,629 6,768 5,497 5,531 5,544 6,051

0 122 169 155 55 76 50 131 59

1 12,391 13,528 12,553 12,029 12,407 12,488 13,798 14,173

2 15,973 17,764 16,269 16,246 16,269 16,296 17,110 17,342

3 16,813 18,089 16,668 15,803 15,107 15,682 15,448 15,955

4 15,153 15,134 14,262 15,087 14,414 14,442 14,591 13,691

5 13,053 14,362 13,538 12,509 12,163 12,314 12,589 12,017

6 39,642 41,898 38,083 38,041 38,016 38,419 35,906 35,221

7 16,096 16,341 16,306 17,204 16,106 17,407 16,351 15,552

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**75. Family Income in Dollars FMINCOME** [Return to Index](#INDEX4_1)

**EDITS:** None

**76. Family Income Category** **FMINC90** [Extract File](#FMINC90)

**EDITS:** Simple

**For files:** 7303–0203

00 ==> missing value code

**77. Family Income Category** **FINC8090** [Extract File](#FINC8090) [Return to Index](#INDEX4_1)

**EDITS:** Invalid Entry, Recode

**For files:** 7303–0203

- ==> 0 negative income value code

9 ==> missing value code

**NOT AVAILABLE:** 8024

**CODES for files:** 7303-8014, 8008-1103

blank — Unknown or missing income

0 — Negative Income

1 — $ 0 – $ 7,999

2 — $ 8,000 – $15,999

3 — $16,000 – $23,999

4 — $24,000 – $31,999

5 — $32,000 – $39,999

6 — $40,000 – $79,999

7 — $80,000 plus

**FREQUENCIES:**

FINC8090\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank . 8,385 . 13,476 16,265 15,303 5 21 1 .

0 263 . . . . . . . . .

1 8,561 8,437 3,211 17,508 17,667 16,524 5,336 7,587 8,042 8,586

2 14,838 13,132 5,707 26,916 26,768 26,864 8,344 11,876 11,833 11,479

3 16,182 15,512 6,040 29,972 30,503 30,154 8,759 11,895 12,036 11,571

4 19,075 10,920 5,692 26,024 24,670 23,545 8,374 11,465 11,714 10,996

5 18,250 13,762 5,582 25,649 25,069 23,829 8,256 10,002 10,343 9,860

6 44,983 22,637 14,042 38,448 34,622 34,730 18,880 23,982 22,307 23,040

7 9,061 1,877 2,824 6,878 6,809 6,816 3,850 4,652 5,005 5,200

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

FINC8090\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank 7 7,312 2 . 3 3 1 . 1 4

0 . . 139 121 62 88 45 69 53 92

1 7,356 19,826 4,359 4,158 4,037 3,810 3,918 4,237 4,119 6,526

2 10,807 17,621 6,320 5,907 5,708 5,617 5,902 6,515 6,121 8,623

3 10,714 24,056 6,217 6,009 6,243 5,575 5,736 6,566 6,352 8,493

4 10,333 14,788 5,994 5,483 5,878 5,185 5,596 6,212 5,604 7,661

5 9,491 25,097 5,538 5,326 5,275 4,954 5,108 5,686 4,802 7,004

6 24,894 31,362 13,953 14,189 14,242 12,738 13,787 15,107 12,814 18,987

7 6,469 4,636 3,500 4,078 4,031 3,955 4,192 4,645 3,684 5,509

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

FINC8090\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank 5 3 6 17 7 4 15 20 . 22,185

0 174 136 10 4 80 86 57 70 83 149

1 13,716 8,763 7,528 7,470 7,163 6,868 6,423 6,937 7,208 12,402

2 16,300 11,035 9,686 9,626 9,187 9,683 9,814 10,951 10,954 17,007

3 14,823 10,118 9,006 9,272 8,786 9,516 9,419 10,675 10,926 17,332

4 12,817 8,958 8,081 7,934 8,092 8,293 8,478 9,653 9,614 15,329

5 10,291 7,956 7,172 6,961 6,986 7,243 7,111 8,464 8,329 13,662

6 26,722 21,304 18,152 18,611 19,053 19,984 20,237 23,322 23,484 40,049

7 8,438 7,212 5,914 6,499 6,819 7,498 7,768 8,845 8,924 16,290

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

FINC8090\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank 22,049 23,963 6,629 6,765 5,492 5,527 5,544 6,056

0 122 169 155 55 76 50 131 59

1 12,543 13,617 12,664 12,138 12,574 12,580 13,862 14,272

2 16,409 17,861 16,366 16,320 16,258 16,374 17,268 17,471

3 16,452 18,169 16,981 16,161 15,294 15,736 16,401 16,134

4 15,530 15,265 14,277 14,992 14,380 14,583 13,973 14,039

5 12,853 14,345 13,401 12,506 12,228 12,364 12,445 11,621

6 39,634 41,828 38,040 37,897 37,946 38,391 35,772 35,175

7 15,717 16,040 15,950 16,908 15,807 17,024 16,072 15,234

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**78. Adjusted Income in 1990 Dollars DOLINC90** [Return to Index](#INDEX4_1)

**EDITS:** None

**79. Percent of Poverty Level** **POVPCT90** [Extract File](#POVPCT90)

**EDITS:** Simple

**For files:** 7303–0203

00 ==> missing value code

**HOUSEHOLD CHARACTERISTIC VARIABLES**

**80. Number in Household** **HHNUM** [Extract File](#HHNUM) [Return to Index](#INDEX4_2)

**EDITS:** Simple

**For files:** 7303, 8014, 8008, 8012

Single digit household sizes 10's digit zero-filled.

**For files:** 8024, 8203

00 ==> missing value code

**81. Type of Living Quarters** **LIVTYP** [Extract File](#LIVTYP) [Return to Index](#INDEX4_2)

**EDITS:** Invalid Entry, Recode

**For file:** 8509

^- ==> missing value code

**For file:** 7303

05, 06 ==> 05

07 ==> 06

17 ==> 10

**For files:** 8803-0203

05, 06 ==> 05

07 ==> 06

08 ==> 07

09 ==> 08

10 ==> 09

11, 12 ==> 10

**NOT AVAILABLE:** 8024

**CODES for files:** 7303–8014, 8008–1103

blank — Unknown

**0**1 — House, apartment, flat

02 — HU in non-transient hotel, etc.

03 — HU, permanent in transient hotel, motel, etc.

04 — HU in rooming house

05 — Mobile home or trailer

06 — HU not specified above

07 — Quarters not HU in rooming or boarding house

08 — Unit not permanent in transient hotel, motel, etc.

09 — Tent or trailer site

10 — Other not HU

**FREQUENCIES:**

LIVTYP\counts: 7303 7802 7903 8014 8008 8012 8103 8203 8303 8403

blank 1,032 2,624 . 6,446 5,776 4,253 . 1 . .

01 125,642 88,134 41,364 169,292 167,810 163,962 58,673 77,145 76,654 76,571

02 96 66 39 124 109 95 58 42 64 36

03 85 39 29 66 73 70 23 28 34 47

04 123 50 29 49 74 87 29 55 31 48

05 3,948 3,572 1,603 8,599 8,324 9,009 2,929 4,106 4,362 3,937

06 168 29 10 60 68 50 10 32 20 28

07 . 23 2 46 35 19 6 3 14 12

08 . 6 . . . 9 . 1 4 8

09 . 1 . 2 2 6 . . 5 .

10 119 118 22 187 102 205 76 67 93 45

Total 131,213 94,662 43,098 184,871 182,373 177,765 61,804 81,480 81,281 80,732

LIVTYP\counts: 8503 8509 8603 8703 8803 8903 9003 9103 9203 9303

blank . 1 . . . . . . . .

01 75,399 136,238 43,602 42,553 42,907 39,248 41,637 46,183 40,945 59,105

02 28 98 10 23 34 21 18 31 11 11

03 15 36 11 11 18 21 20 4 10 14

04 24 51 26 9 26 21 35 22 34 15

05 4,452 8,054 2,282 2,570 2,394 2,546 2,476 2,726 2,462 3,662

06 36 24 6 26 25 13 23 4 12 18

07 24 30 36 34 8 4 . 7 11 4

08 1 12 3 . . . 1 2 4 .

09 . 7 . . 1 2 1 . . 7

10 92 147 46 45 66 49 74 58 61 63

Total 80,071 144,698 46,022 45,271 45,479 41,925 44,285 49,037 43,550 62,899

LIVTYP\counts: 9413 9503 9603 9703 9803 9903 0003 0103 0203 0303

blank . . . . . . . . . 22,184

01 97,390 71,047 61,425 62,224 62,201 65,232 65,319 74,718 74,981 125,369

02 31 52 55 59 56 47 43 51 35 110

03 28 9 52 10 5 6 8 6 11 22

04 59 33 21 30 25 22 32 27 25 13

05 5,632 4,303 3,928 4,015 3,847 3,792 3,883 4,078 4,391 6,631

06 23 21 41 48 18 48 9 21 22 28

07 22 1 . . 2 6 6 . 5 .

08 9 1 . . . . . 2 . .

09 3 . . . 2 3 . . 2 .

10 89 18 33 8 17 19 22 34 50 48

Total 103,286 75,485 65,555 66,394 66,173 69,175 69,322 78,937 79,522 154,405

LIVTYP\counts: 0403 0503 0603 0703 0803 0903 1003 1103

blank 22,047 23,959 6,620 6,764 5,485 5,525 5,539 6,047

01 122,661 130,063 121,275 120,304 118,447 120,835 119,764 118,321

02 80 93 94 47 60 72 57 74

03 9 16 23 25 25 24 44 7

04 43 29 18 31 30 26 14 17

05 6,277 6,967 6,336 6,425 5,939 6,071 5,968 5,533

06 95 60 39 47 18 29 29 19

07 2 6 . 5 2 3 . 1

08 10 . . . . 3 4 1

09 . . . 23 2 . 1 5

10 85 64 58 71 47 41 48 36

Total 151,309 161,257 134,463 133,742 130,055 132,629 131,468 130,061

**82. House Owned or Rented** **RENTER** [Extract File](#RENTER) [Return to Index](#INDEX4_2)

**EDITS:** Simple

**For files:** 7303-8014, 8008-8509

0 ==> missing value code

**HEALTH INSURANCE AND HEALTH STATUS VARIABLES**

**83. Health Insurance Status HISTATUS** [Return to Index](#INDEX4_3)

**EDITS:** None

**84. Health Insurance Type HITYPE**

**EDITS:** None

**85. General Health HEALTH**

**EDITS:** None

**TOBACCO USE VARIABLES**

**86. Smoked More than 100 Cigarettes SMOK100** [Return to Index](#INDEX4_4)

**EDITS:** None

**87. Age Started Smoking AGESMK**

**EDITS:** None

**88. Smoking Frequency SMOKER**

**EDITS:** None

**89. Average Cigarettes Daily AVNMCIGS**

**EDITS:** None

**90. Smoking Follow-up Start (File) SMKFLSTR**

**EDITS:** None

**91. Smoking Follow-up Start Date SMKSTART**

**EDITS:** None

**92. Cigarette Smoking Status** **SMOKSTAT** [Extract File](#SMOKSTAT) [Return to Index](#INDEX4_4)

**EDITS:** Simple, Invalid Entry

**For files:** 9203, 9303, 9503, 9603, 9803-1103

-9, -1, 9 ==> missing value code

**93. Rules for Smoking Cigarettes in the Home** **SMOKHOME** [Extract File](#SMOKHOME)

**EDITS:** Simple, Invalid Entry

**For files:** 9203, 9303, 9503, 9603, 9803-1103

blank, -9, -3, -2, -1, 0, 9 ==> missing value code

**94. Ever Used Tobacco EVERUSE**

**EDITS:** None

**95. Currently Use Tobacco CURRUSE**

**EDITS:** None

**DEATH CERTIFICATE INFORMATION VARIABLES**

**96. Death Certificate Number DCNUM** [Return to Index](#INDEX4_5)

**EDITS:** None

**97. State of Death SOD**

**EDITS:** None

**98. Date of Death DOD**

**EDITS:** None

**99. ICD-9 & ICD-10 Underlying Cause of Death** **UCAUSE** [Extract File](#UCAUSE)

**EDITS:** Simple

For persons alive the blank or missing code has been recoded to '0000' to accommodate the LPS system.

**AVAILABLE FILES**: 7303–1103

**CODES:**

Blank ==> '0000'

**100. First 3 Characters of Underlying Cause** **CAUSE3** [Extract File](#CAUSE3)

[Return to Analysis File Introduction](#_ANALYSIS_FILE)

**EDITS:** None

**DESCRIPTION:** A three-character variable that is an extract of the first three characters of the variable UCAUSE.

**NOTE**: In order to agree with developed software, persons alive have CAUSE3 = '000'.

**101. 113 Selected Causes of Death** **CAUSE113** [Extract File](#CAUSE113) [Return to Index](#INDEX4_5)

[Return to Analysis File Introduction](#_ANALYSIS_FILE)

**EDITS:** None

**DESCRIPTION:** In 1992 the CDC’s National Center for Health Statistics published a standardized list of 113 selected causes of death, for the general analysis of mortality statistics and for ranking leading causes of death. For NLMS purposes, both ICD-9 and ICD-10 underlying cause codes have been assigned to the CAUSE113 coding. See [Appendix I.](#APP_I)

**102. Hospital Type HOSP**

**EDITS:** None

**103. Did Death Occur in a Hospital HOSPD**

**EDITS:** None

**104. Time from Onset to Cause of Death INTERV**

**EDITS:** None

**CASE WEIGHT VARIABLESS**

**105. Weight—Race Variable Used WGT1** [Return to Index](#INDEX5_2)

**EDITS:** None

**106. Weight—Race Used, EOFT Included WGT2**

**EDITS:** None

**107. Weight—Race Not Used WGT3**

**EDITS:** None

**108. Weight—Race Not Used, EOTF Included WGT4**

**EDITS:** None

# 

# APPENDICES

[Return to Main TOC](#TOC)

1. [September 1985 Health and Tobacco Use File](#APP_A)
2. [State Concatenated Codes](#APP_B)
3. [SMSA Rank](#APP_C1)
4. [United Nations Codes for Countries and Areas](#APP_D)
5. [1990 Industrial Classification System](#APP_E)
6. [2007 Industrial Classification System](#APP_F)
7. [1990 Occupational Classification System](#APP_G)
8. [2000 Occupational Classification System](#APP_H)
9. [CDC 113 Causes of Death from ICD-10](#APP_I)

**Appendix A**

**September 1985 Health and Tobacco Use File**

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|  |  |
| --- | --- |
| **September 1985 Health and Tobacco Use Variables** | |
| **DESCRIPTION** | **VARIABLE NAME** |
| Diabetes | DIABET |
| Chronic Kidney Disease | KIDNEY |
| Asthma/Bronchitis | ASTHMA |
| Chronic Heart Disease | HRTCND |
| Influenza Vaccine | INFVAC |
| Pneumonia Vaccine | PNUVAC |
| Pneumonia Vaccine in Past 12 Months | PNU12 |
| Polio Vaccine by Mouth | POLVAC |
| Times Polio Vaccine taken by Mouth | NPLVAC |
| Times Polio Vaccine taken by Mouth in Past 12 Months | NPOL12 |
| DPT Shots | DPTSHT |
| Number of DPT Shots | NDPSHT |
| Red Measles in Past 12 Months | RME12 |
| Red Measles Shots | RMESHT |
| Red Measles Shots in Past 12 Months | RMES12 |
| Three Day Measles in Past 12 Months | ME312 |
| Three Day Measles Shots | ME3SHT |
| Three Day Measles Shots in Past 12 Months | ME3S12 |
| Chicken Pox in Past 12 Months | CPX12 |
| Mumps Shots | MUMSHT |
| Mumps Shots in Past 12 Months | MUMS12 |
| Age Check Item For Children | AGECK0 |
| Day Care | DAYCAR |
| Age Check Item For Adults | AGECK1 |
| Smoked at least 100 Cigarettes | SMK10085 |
| Age First Smoked | AGESMK85 |
| Never Smoked Regularly | SMKCAT |
| Smoke Cigarettes Now | SMKNOW |
| Use Other Forms of Tobacco | OTHTOB |
| Used Snuff | SNUFF |
| Used Chewing Tobacco | CHEWTB |
| Smoke Cigars | CIGARS |
| Smoke Pipe | PIPETB |
| Use Other Forms of Tobacco | OTHFRM |
| Who Gives Information | INTVCK |
| Age Check for Persons 0-19 | AGECK2 |
| Immunization Record | IMMREC |
| Who Answered Supplement | SUPRES |

**NOTE:** The variables listed below are for the September 1985 (8509) cohort ONLY.

**Diabetes DIABET**

**DESCRIPTION:**  For persons 14+, is the response to the question, "Does ... have diabetes?"

**Codes/Counts:** 8509

1 - Yes 3,296

2 - No 104,870

3 - Don't know 113

9 - Not answered 5,683

blank - Missing, children < 13 30,736

**Chronic Kidney Disease KIDNEY**

**DESCRIPTION:** For persons 14+, is the response to the question, "Does ... have chronic kidney disease?"

**Codes/Counts:** 8509

1 - Yes 899

2 - No 106,768

3 - Don't know 118

9 - Not answered 6,177

blank - Missing, children < 13 30,736

**Asthma/Bronchitis ASTHMA**

**DESCRIPTION:** For persons 14+, is the response to the question, "Does ... have asthma, emphysema, tuberculosis or chronic bronchitis?"

**Codes/Counts:** 8509

1 - Yes 5,604

2 - No 102,388

3 - Don't know 120

9, - Not answered 5,850

blank - Missing, children < 13 30,736

**Chronic Heart Condition HRTCND**

**DESCRIPTION:** For persons 14+, is the-response to the question, "Has...ever been told by a doctor that he/she had a chronic heart condition such as a heart attack, a rheumatic heart condition, high blood pressure or hardening of the arteries?"

**Codes/Counts:** 8509

1 - Yes 16,186

2 - No 91,823

3 - Don't know 164

9 - Not answered 5,789

blank - Missing, children < 13 30,736

**Had Influenza Vaccine INFVAC**

**DESCRIPTION:** For all persons in sample, is the response to the question, "Has ... had influenza vaccine in period from September 1, 1984 to August 31, 1985?"

**Codes/Counts:** 8509

1 - Yes 9,399

2 - No 126,210

3 - Don't know 1,794

9 - Not answered 7,295

**Pneumonia Vaccine PNUVAC**

**DESCRIPTION:** For all persons in the sample, is the response to the question, "Has ... received pneumonia vaccine?"

**Codes/Counts:** 8509

1 - Yes 5,370

2 - No 127,713

3 - Don't know 3,790

9 - Not answered 7,465

**Pneumonia Vaccine Latest 12 Months PNU12**

**DESCRIPTION:** For all persons who responded with "yes" to question 73, is the response to the question, "Did ... receive the pneumonia vaccine between September 1, 1984 and August 31, 1985?"

**Codes/Counts:** 8509

1 - Yes 1,476

2 - No 3,492

3 - Don't know 110

9 - Not answered 8,117

bl- Missing, adults ages 20+ 131,503

Did not answer "yes" to question 73

**Polio Vaccine by Mouth POLVAC**

**DESCRIPTION:** For all children and for adults ages 14-19, is the response to the question, "Has ... ever taken polio vaccine by mouth?"

**Codes/Counts:** 8509

1 - Yes 38,005

2 - No 2,724

3 - Don't know 1,063

9 - Not answered 2,392

**Times Polio Vaccine by Mouth NPLVAC**

**DESCRIPTION:** For all children and for adults ages 14-19 who answered "yes" to question 75, is the response to the question, "How many times has… taken Polio vaccine by mouth?"

**Codes/Counts:** 8509

1 - One time 2,227

2 - Two times 3,671

3 - Three times 8,593

4 - Four or more times 19,134

5 - Don't know 4,181

9 - Not answered 199

bl- Missing, adults ages 20+ 106,693

Did not answer "yes" to

question 75

**Times Polio Vaccine Past 12 Months NPOL12**

**DESCRIPTION:** For all children and for adults ages 14-19 who answered "yes" to question 75, is the response to the question, "How many times has ... taken Polio vaccine by mouth in the past 12 months?"

**Codes/Counts:** 8509

1 - None 28,985

2 - one time 5,559

3 - Two times 1,307

4 - Three times 630

5 - Four or more times 142

6 - Don't know 1,180

9 - Not answered 202

bl- missing, adults ages 20+ 106,693

Did not answer "yes" to question 75

**DTP Shots DTPSHT**

**DESCRIPTION:** For all children and for adults ages 14-19, is the response to the question, "Has ... ever had any shots against diphtheria, tetanus and whooping cough, that is DTP?"

**Codes/Counts:** 8509

1 - Yes 39,882

2 - No 1,331

3 - Don't know 525

9 - Not answered 2,446

bl- missing, adults ages 20+ 100,514

**Number of DTP Shots NDPSHT**

**DESCRIPTION:** For all children and for adults ages 14-19 who answered "yes" to question 78, is the response to the question, "How many DTP shots has ... ever had?"

**Codes/Counts:** 8509

1-one shot 1,603

2-Two shots 2,461

3-Three shots 6,673

4-Four shots 10,154

5-Five or more shots 13,527

6-Don't know 5,286

9-Not answered 178

bl- Missing, adults ages 20+ 104,816

Did not answer "yes" to question 78

**Red Measles RME12**

**DESCRIPTION:** For all children and adults ages 14-19, is the response to the question, "Has ... had the Red Measles, also known as the eight day measles, in the past 12 months?"

**Codes/Counts:** 8509

1 - Yes 1,014

2 - No 40,305

3 - Don't know 406

9 - Not answered 2,459

bl- missing, adults ages 20+ 100,514

**Red Measles Shots RMESHT**

**DESCRIPTION:** For all children and adults ages 14-19, is the response to the question, "Has ... ever had an injection or shot against the Red Measles?"

**Codes/Counts:** 8509

1 - Yes 28,047

2 - No 9,996

3 - Don't know 3,682

9 - Not answered 2,459

bl- missing, adults ages 20+ 100,514

**Red Measles Shots in Past 12 Months RMES12**

**DESCRIPTION:** For all children and for adults ages 14-19 who answered "yes" to question 81, is the response to the question, "Has ... had Red Measles shots in the past 12 months?"

**Codes/Counts:** 8509

1 - Yes 3,137

2 - No 24,307

3 - Don't know 407

9 - Not answered 196

bl- missing, adults ages 20+ 116,651

Did not answer "yes" to question 81

**Three-day Measles Past 12 Months ME312**

**DESCRIPTION:** For all children and for adults ages 14-19 is the response to the question, "Has ... had the Three-day Measles, also known as Rubella or German measles, in the past 12 months?"

**Codes/Counts:** 8509

1 - Yes 1,517

2 - No 39,692

3 - Don't know 492

9 - Not answered 2,483

bl- missing, adults ages 20+ 100,514

**Three-day Measles Shots ME3SHT**

**DESCRIPTION:** For all children and for all adults ages 14-19, is the response to the question, "Has ... had Three-day Measles shots?"

**Codes/Counts:** 8509

1 Yes 23,271

2 No 9,630

3 Don't know 3,790

9 Not answered 2,493

bl- missing, adults ages 20+ 100,514

**Three-day Measles Shots Past 12 Months ME3S12**

**DESCRIPTION:** For all children and for adults ages 14-19 who answered "yes" to question 84, is the response to the question, "Has ... had Three-day Measles shots in the past 12 months?"

**Codes/Counts:** 8509

1 - Yes 3,097

2 - No 24,587

3 - Don't know 398

9 - Not answered 189

bl- missing, adults ages 20+ 116,427

Did not answer "yes" to question 84

**Chicken Pox Past 12 Months CPX12**

**DESCRIPTION:** For all children and for adults ages 14-19, is the response to the question, "Has ... had Chicken Pox in the past 12 months, the period from September 1, 1984 to August 31, 1985?"

**Codes/Counts:** 8509

1 - Yes 2,797

2 - No 38,652

3 - Don't know 201

9 - Not answered 2,534

bl- missing, adults ages 20+ 100,514

**Mumps Shots MUMSHT**

**DESCRIPTION:** For all children and for adults ages 14-19, is the response to the question, "Has ... had an injection or shots against the Mumps?"

**Codes/Counts:** 8509

1 - Yes 27,988

2 - No 10,230

3 - Don't know 3,450

9 - Not answered 2,516

bl- missing, adults ages 20+ 100,514

**Mumps Shot Past 12 Months MUMS12**

**DESCRIPTION:** For all children and for adults ages 14-19 who answered "yes" to question 87, is the response to the question, "Has ... had Mumps shots in the past 12 months?"

**Codes/Counts:**  8509

1 - Yes 3,071

2 - No 24,314

3 - Don't know 383

9 - Not answered 220

bl- missing, adults ages 20+ 116,710

**Age Check Item for Children AGECKO**

**DESCRIPTION:** For all children ages 0-13, is an indicator of one of two age groups.

**Codes/Counts:** 8509

1 - Ages 0 - 5 13,861

2 - Ages 6 - 13 16,875

bl- missing, ages 14+ 113,962

**Day Care DAYCAR**

**DESCRIPTION:** For all children ages 0-13, is the response to the question, "Was ... enrolled in a licensed day care program from September 1, 1984 to August 31, 1985?"

Codes/Counts: 8509

1 - Yes 2,859

2 - No 10,186

3 - Don't know 15

9 - Not answered 801

bl- missing, ages 14+ 130,837

**Age Check Item for Adults AGECK1**

**DESCRIPTION:** For all adults ages 14+, is an indicator of persons ages 16+.

**Codes/Counts:** 8509

1 - Ages 16+ 108,911

2 - All other persons 35,191

bl- Missing 596

**Smoked at Least 100 Cigarettes—8509 File SMK10085**

**DESCRIPTION:** For all adults ages 16+, is the response to the question, "Has ... smoked at least 100 cigarettes in his or her entire life?"

**Codes/Counts:** 8509

1 - Yes 49,644

2 - No 52,620

3 - Don't know 580

9 - Not answered 6,067

bl- Missing, ages 0-15 35,787

**Age First Smoked—8509 File AGESMK85**

**DESCRIPTION:** For all persons 16+ for whom the response to question 92 was either "yes" or "Not answered", is the response to the question, "What was the age at which... first started smoking cigarettes fairly regularly?"

**Codes/Counts:** 8509

1-83 - Ages 1-83 43,723

blank - Missing, don't know, 100,975

ages 0-15

**Never Smoked Regularly SMKCAT**

**DESCRIPTION:** For all persons 16+ for whom the response to question 92 was either "Yes" or "Not answered", is the negative categorical response to, "Has ... smoked more than 100 cigarettes?"

**Codes/Counts:**  8509

1 - Never regularly 1,620

2 - Don't know 4,115

9 - Not applicable 6,233

bl- Missing, not "Yes" or 132,730

"Not answered" for question 92

**Smoke Cigarettes Now SMKNOW**

**DESCRIPTION:** For all persons ages 16+ who responded with an answer of other than "Don't know" for question 94 is the response to the question, "Does...smoke cigarettes now?"

**Codes/Counts:** 8509

1 - Yes 23,300

2 - No 19,522

3 - Don't know 27

9 - Not answered 6,242

bl- Missing, ages 0-15, 90,607

response "Don't know"

to question 94

**Smoke Other Tobacco OTHTOB**

**DESCRIPTION:** For all persons ages 16+, is the response to the question, "Does ... use other forms of tobacco such as snuff or chewing tobacco?"

**Codes/Counts:** 8509

1 - Yes 5,055

2 - No 97,198

3 - Don't know 136

9 - Not answered 6,522

bl- Missing, ages 0-15 35,787

**Used Snuff SNUFF**

**DESCRIPTION:** For all persons ages 16+ for whom the response to question 96 was either "Yes" or "Nor- applicable", is the response to the question, "What other forms of tobacco did... use?" for inhaling snuff.

**Codes/Counts:** 8509

- - Unknown 3,758

1 - Snuff 1,256

9 - Not answered 6,563

bl- Missing, ages 0-15, did 133,121

not respond "Yes" or "Not

answered" to question 96

**Used Chewing Tobacco CHEWTB**

**DESCRIPTION:** For all persons ages 16+ for whom the response to question 96 was either "Yes" or "Not answered", is the response to the question, "What other forms of tobacco did... use?" for chewing tobacco.

**Codes/Counts:** 8509

- - Unknown 2,929

1 - Chewing Tobacco 2,085

9 - Not answered 6,563

bl- Missing, ages 0-15, did 133,121

not respond "Yes" or "Not

answered" to question 96

**Smoked Cigars CIGARS**

**DESCRIPTION:** For all persons ages 16+ for whom the response to question 96 was either "Yes" or "Not answered", is the response to the question, "What other forms of tobacco did... use?" for smoking cigars.

**Codes/Counts:** 8509

- - Unknown 4,038

1 - Cigars 976

9 - Not answered 6,563

bl- Missing, ages 0-15, did 133,121

not respond "Yes" or "Not

answered" to question 96

**Smoked Pipe Tobacco PIPETB**

**DESCRIPTION:** For all persons ages 16+ for whom the response to question 96 was either "Yes" or "Not answered", is the response to the question, "What other forms of tobacco did... use?" for pipe tobacco.

**Codes/Counts:** 8509

- - Unknown 3,903

1 - Smoked pipe tobacco 1,111

9 - Not answered 6,563

bl- Missing, ages 0-15, did 133,121

not respond "Yes" or "Not answered"

to question 96

**Other Form of Tobacco OTHFRM**

**DESCRIPTION:** For all persons ages 16+ for whom the response to question 96 was either "Yes" or "Not answered", is the response to the question, "What other forms of tobacco did... use?" for other not specified possibilities.

**Codes/Counts:** 8509

- - Unknown 4,993

1 - Other form of tobacco 21

9 - Not answered 6,563

bl- Missing, ages 0-15, did 133,121

not respond "Yes" or "Not

answered" to question 96

**Interviewer Check Item INTVCK**

**DESCRIPTION:** For all persons, is the response to the interviewer's assessment about who is giving the information.

**Codes/Counts:** 8509

1 - Him/herself 56,882

2 - All other persons 50,137

9 - Not answered, children 37,083

bl- Missing, unknown 596

**Age Check for Persons 0-19 AGECK2**

**DESCRIPTION:** At completion of interview interviewer is asked to assess whether any persons are ages 0-19. This variable summarizes that information.

**Codes/Counts:** 8509

1 - Person in household ages 0-19 88,738

2 - All other persons 35,364

bl- Missing 596

**Check Immunization Record IMMREC**

**DESCRIPTION:** For persons 0-19 in the household, is the response to the question, "Did... refer to an immunization record, for example a private physicians record, health department record... to answer any of the immunization questions for children 0-19 years of age?"

**Codes/Counts:** 8509

1 - Yes 20,942

2 - No 62,049

9 - Not answered 5,747

bl- Missing, persons ages 20+ 55,960

with no persons ages 0-19 in household

**Responding to Supplement Items SUPRES**

**DESCRIPTION:** For all persons in households with persons ages 0-19, interviewer is asked to identify who answered to questions on immunization and smoking.

**Codes/Count:** 8509

1 - Parent 75,318

2 - Self 1,864

3 - Other relative 4,797

4 - Nonrelative 451

9 - Not answered 6,308

bl- Missing, persons ages 20+ 55,960

with no person ages 0-19

in the household

**Appendix B**

**STATE CONCATENATED CODES**

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|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **New-England Division** |  | **Middle Atlantic Division** |  | **East North Central Division** |  |
|  |  |  |  |  |  |
| Maine | 11 | New York | 21 | Ohio | 31 |
| New Hampshire | 12 | New Jersey | 22 | Indiana | 32 |
| Vermont | 13 | Pennsylvania | 23 | Illinois | 33 |
| Massachusetts | 14 |  |  | Michigan | 34 |
| Rhode Island | 15 |  |  | Wisconsin | 35 |
| Connecticut | 16 |  |  |  |  |
|  |  |  |  |  |  |
| **West North Central Division** |  | **South Atlantic Division** |  | **East South Central Division** |  |
|  |  |  |  |  |  |
| Minnesota | 41 | Delaware | 51 | Kentucky | 61 |
| Iowa | 42 | Maryland | 52 | Tennessee | 62 |
| Missouri | 43 | District of Columbia | 53 | Alabama | 63 |
| North Dakota | 44 | Virginia | 54 | Mississippi | 64 |
| South Dakota | 45 | West Virginia | 55 |  |  |
| Nebraska | 46 | North Carolina | 56 |  |  |
| Kansas | 47 | South Carolina | 57 |  |  |
|  |  | Georgia | 58 |  |  |
|  |  | Florida | 59 |  |  |
|  |  |  |  |  |  |
| **West South Central Division** |  | **Mountain Division** |  | **Pacific Division** |  |
|  |  |  |  |  |  |
| Arkansas | 71 | Montana | 81 | Washington | 91 |
| Louisiana | 72 | Idaho | 82 | Oregon | 92 |
| Oklahoma | 73 | Wyoming | 83 | California | 93 |
| Texas | 74 | Colorado | 84 | Alaska | 94 |
|  |  | New Mexico | 85 | Hawaii | 95 |
|  |  | Arizona | 86 |  |  |
|  |  | Utah | 87 |  |  |
|  |  | Nevada | 88 |  |  |

**Appendix C**

**SMSA Ranking: 1970 SMSA Ranks**

**CODES for files 7303, 7802, 8014, 8008, 8012**

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|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Not an SMSA | 00 |  |  |  |  |
| New York, NY | 01 | Portland, OR-WA | 34 | Wilmington, DL-NJ-MD | 67 |
| Los Angeles-Long Beach, CA | 02 | Phoenix, AZ | 35 | Flint, MI | 68 |
| Chicago, IL | 03 | Columbus, OH | 36 | Tulsa, OK | 69 |
| Philadelphia, PA | 04 | Providence-Pawtucket-  Warwick, RI-MA | 37 | Orlando, FL | 70 |
| Detroit, MI | 05 | Rochester, NY | 38 | Fresno, CA | 71 |
| San Francisco-Oakland, CA | 06 | San Antonio, TX | 39 | Tacoma, WA | 72 |
| Washington, DC-MD-VA | 07 | Dayton, OH | 40 | Harrisburg, PA | 73 |
| Boston, MA | 08 | Louisville, KY-ID | 41 | Charlotte, NC | 74 |
| Nassau-Suffolk, NY | 09 | Sacramento, CA | 42 | Knoxville, TN | 75 |
| Pittsburgh, PA | 10 | Memphis, TN-AR-MS | 43 | Wichita, KS | 76 |
| St. Louis, MO-IL | 11 | Ft. Worth, TX | 44 | Bridgeport, CE | 77 |
| Baltimore, MD | 12 | Birmingham, AL | 45 | Lansing, MI | 78 |
| Cleveland, OH | 13 | Albany-Schenectady-Troy, NY | 46 | Mobile, AL | 79 |
| Houston, TX | 14 | Toledo, OH-MI | 47 | Oxnard-Ventura, CA | 80 |
| Newark, NJ | 15 | Norfolk-Portsmouth, VA | 48 | Canton, OH | 81 |
| Minneapolis-St. Paul, MN | 16 | Akron, OH | 49 | Davenport- Rock Island-Moline, IA-IL | 82 |
| Dallas, TX | 17 | Hartford, CT | 50 | El Paso, TX | 83 |
| Seattle-Everett, WA | 18 | Oklahoma City, OK | 51 | New Haven, CT | 84 |
| Anaheim-Santa Ana-  Garden Grove, CA | 19 | Syracuse, NY | 52 | Tucson, AZ | 85 |
| Milwaukee, WI | 20 | Gary-Hammond-East  Chicago, IN | 53 | West Palm Beach, FL | 86 |
| Atlanta, GA | 21 | Honolulu, HI | 54 | Worchester, MA | 87 |
| Cincinnati, OH | 22 | Ft. Lauderdale-  Hollywood, FL | 55 | Wilkes-Barre-Hazelton, PA | 88 |
| Paterson-Clifton-  Passaic, NJ | 23 | Jersey City, NJ | 56 | Peoria, IL | 89 |
| San Diego, CA | 24 | Greensboro-Winston-  Salem-High Point, NC | 57 | Utica-Rome, NY | 90 |
| Buffalo, NY | 25 | Salt Lake City, UT | 58 | York, PA | 91 |
| Miami, FL | 26 | Allentown-Bethlehem-  Easton, PA-NJ | 59 | Bakersfield, CA | 92 |
| Kansas City, MO-KS | 27 | Omaha, NE-IA | 60 | Little Rock- North Little Rock, AK | 93 |
| Denver, CO | 28 | Nashville, TN | 61 | Columbia, SC | 94 |
| San Bernardino-  Riverside-Ontario CA | 29 | Grand Rapids, MI | 62 | Lancaster, PA | 95 |
| Indianapolis, IN | 30 | Youngstown-Warren, OH | 63 | Beaumont-Port Arthur -  Orange, TX | 96 |
| San Jose, CA | 31 | Springfield-Chicopee-  Holyoke, MA | 64 | Albuquerque, NM | 97 |
| New Orleans, LA | 32 | Jacksonville, FL | 65 | Chattanooga, TN-GA | 98 |
| Tampa-St. Petersburg, FL | 33 | Richmond, VA | 66 | All Smaller SMSA's | 99 |

**1973 SMSA Ranks**

CODES for files: 7903, 8024, 8103, 8203, 8303, 8403, 8503 [Return to SMSAR](#SMSAR)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Not an SMSA | 00 |  |  |  |  |
| New York, NY | 01 | Portland, OR-WA | 33 | Wilmington, DL-NJ-MD | 66 |
| Los Angeles-Long Beach, CA | 02 | Phoenix, AZ | 34 | Flint, MI | 67 |
| Chicago, IL | 03 | Columbus, OH | 35 | Tulsa, OK | 68 |
| Philadelphia, PA | 04 | Providence-Pawtucket-  Warwick, RI-MA | 36 | Orlando, FL | 69 |
| Detroit, MI | 05 | Rochester, NY | 37 | Fresno, CA | 70 |
| San Francisco-Oakland, CA | 06 | San Antonio, TX | 38 | Tacoma, WA | 71 |
| Washington, DC-MD-VA | 07 | Dayton, OH | 39 | Harrisburg, PA | 72 |
| Boston, MA | 08 | Louisville, KY-IN | 40 | Charlotte, NC | 73 |
|  |  | Sacramento, CA | 41 | Knoxville, TN | 74 |
| Pittsburgh, PA | 09 | Memphis, TN-AR-MS | 42 | Wichita, KA | 75 |
| St. Louis, MO-IL | 10 | Ft. Worth, TX | 43 | Bridgeport, CT | 76 |
| Baltimore, MD | 11 | Birmingham, AL | 44 | Lansing, MI | 77 |
| Cleveland, OH | 12 | Albany-Schenectady-  Troy, NY | 45 | Mobile, AL | 78 |
| Houston, TX | 13 | Toledo, OH-MI | 46 | Oxnard-Ventura, CA | 79 |
| Newark, NJ | 14 | Norfolk-Portsmouth, VA | 47 | Canton, OH | 80 |
| Minneapolis-St. Paul, MN | 15 | Akron, OH | 48 | Davenport-Rock Island  Moline, IA-IL | 81 |
| Dallas, TX | 16 | Hartford, CT | 49 | El Paso, TX | 82 |
| Seattle-Everett, WA | 17 | Oklahoma City, OK | 50 | New Haven, CT | 83 |
| Anaheim-Santa Ana-  Garden Grove, CA | 18 | Syracuse, NY | 51 | Tucson, AZ | 84 |
| Milwaukee, WI | 19 | Gary-Hammond-  East Chicago, IN | 52 | West Palm Beach, FL | 85 |
| Atlanta, GA | 20 | Honolulu, HI | 53 | Worchester, MA | 86 |
| Cincinnati, OH | 21 | Ft. Lauderdale-  Hollywood, FL | 54 | Wilkes-Barre-Hazelton, PA | 87 |
| Paterson-Clifton-  Passaic, NJ | 22 | Jersey City, NJ | 55 | Peoria, IL | 88 |
| San Diego, CA | 23 | Greensboro-Winston-  Salem-High Point, NC | 56 | Utica-Rome, NY | 89 |
| Buffalo, NY | 24 | Salt Lake City, UT | 57 | York, PA | 90 |
| Miami, FL | 25 | Allentown-Bethlehem-  Easton, PA-NJ | 58 | Bakersfield, CA | 91 |
| Kansas City, MO-KS | 26 | Omaha, NE-IA | 59 | Little Rock-  North Little Rock, AK | 92 |
| Denver, CO | 27 | Nashville, TN | 60 | Columbia, SC | 93 |
| San Bernardino-  Riverside-Ontario, CA | 28 | Grand Rapids, MI | 61 | Lancaster, PA | 94 |
| Indianapolis, IN | 29 | Youngstown-Warren, OH | 62 | Beaumont-Port Arthur -  Orange, TX | 95 |
| San Jose, CA | 30 | Springfield-Chicopee-  Holyoke, MA | 63 | Albuquerque, NM | 96 |
| New Orleans, LA | 31 | Jacksonville, FL | 64 | Chattanooga, TN-GA | 97 |
| Tampa-St. Petersburg, FL | 32 | Richmond, VA | 65 | Trenton, NJ | 98 |
|  |  |  |  | All smaller SMSA's | 99 |

**1980 SMSA Rank**

CODES for files: 8603, 8703 [Return to SMSAR](#SMSAR)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Not an SMSA | 00 |  |  |  |  |
| New York, NY | 01 | Columbus, OH | 34 | Austin, TX | 67 |
| Los Angeles-  Long Beach, CA | 02 | Norfolk-Portsmouth, VA | 35 | Gary-Hammond-East Chicago, IN | 68 |
| Chicago, IL | 03 | Sacramento, CA | 36 | Providence-Pawtucket-  Warwick, RI-MA | 69 |
| Philadelphia, PA | 04 | Indianapolis, IN | 37 | Grand Rapids, MI | 70 |
| Detroit, MI | 05 | San Antonio, TX | 38 | Toledo, OH-MI | 71 |
| Washington, DC-MD-VA | 06 | Ft. Worth, TX | 39 | Raleigh-Durham, NC | 72 |
| Houston, TX | 07 | Portland, OR-WA | 40 | Omaha, NE-IA | 73 |
| Boston, MA | 08 | Ft. Lauderdale-  Hollywood, FL | 41 | Tucson, AZ | 74 |
| Nassau-Suffolk, NY | 09 | Charlotte, NC | 42 | Greenville-Spartanburg, SC | 75 |
| St. Louis, MO-IL | 10 | Salt Lake City, UT | 43 | Knoxville, TN | 76 |
| Atlanta, GA | 11 | Rochester, NY | 44 | Oxnard-Ventura, CA | 77 |
| Baltimore, MD | 12 | Buffalo, NY | 45 | Harrisburg, PA | 78 |
| Minneapolis-St. Paul, MI-WI | 13 | Louisville, KY-IN | 46 | Fresno, CA | 79 |
| Dallas, TX | 14 | Oklahoma City, OK | 47 | Jersey City, NJ | 80 |
| Pittsburgh, PA | 15 | Memphis, TN-AR | 48 | Wilmington, DE-NJ-MD | 81 |
| Anaheim-Santa Ana-  Garden Grove, CA | 16 | Dayton-Springfield, OH | 49 | Baton Rouge, LA | 82 |
| San Diego, CA | 17 | Middlesex-Somerset-  Hunterdon, NJ | 50 | Las Vegas, NV | 83 |
| Newark, NJ | 18 | Monmouth-Ocean, NJ | 51 | El Paso, TX | 84 |
| Oakland, Calif. | 19 | Birmingham, AL | 52 | Youngstown-Warren, OH | 85 |
| Cleveland, OH | 20 | Nashville, TN | 53 | Springfield-Chicopee-  Holyoke, MA | 86 |
| Tampa-St. Petersburg, FL | 21 | Greensboro-Winston-Salem-  High Point, NC | 54 | Tacoma, WA | 87 |
| San Bernardino-  Riverside-Ontario CA | 22 | Albany-Schenectady-Troy, NY | 55 | New Haven-Meriden, CT | 88 |
| Phoenix, AZ | 23 | Orlando, FL | 56 | Little Rock-  North Little Rock, AK | 89 |
| Miami, Hialeah, FL | 24 | Honolulu, HI | 57 | Charleston, SC | 90 |
| Seattle-Everett, WA | 25 | Richmond, VA | 58 | Mobile, AL | 91 |
| Denver, CO | 26 | Jacksonville, FL | 59 | Bakersfield, CA | 92 |
| Kansas City, MO-KS | 27 | Hartford, CT | 60 | Chicago (Lake County), IL | 93 |
| Denver, CO | 28 | Scranton-Wilkes-Barre, PA | 61 | Albuquerque, NM | 94 |
| Cincinnati, OH | 29 | Tulsa, OK | 62 | Johnson City-Kingsport-  Bristol, TN | 95 |
| Milwaukee, WI | 30 | West Palm Beach, FL | 63 | New Haven, CT | 96 |
| San Jose, CA | 31 | Syracuse, NY | 64 | Flint, MI | 97 |
| New Orleans, LA | 32 | Akron, OH | 65 | Columbia, SC | 98 |
| Bergen-Passaic, NJ | 33 | Allentown-Bethlehem-  Easton, PA-NJ | 66 | All smaller SMSA's | 99 |

**1983 MSA/CMSA Ranks**

**CODES for files: 8509, 8803, 8903, 9003, 9103, 9203, 9303, 9413** [Return to SMSAR](#SMSAR)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Not an MSA/CMSA | 00 |  |  |  |  |
| New York, NY, New Jersey-  Long Island, NY-NJ-CT | 01 | Providence-Pawtucket-Fall River, RI-MA | 34 | Youngstown-Warren, OH | 67 |
| Los Angeles-Anaheim-  Riverside, CA | 02 | Charlotte-Gastonia-Rock Hill, NC-SC | 35 | Las Vegas, NV | 68 |
| Chicago-Gary-Lake County, IL IN-WI | 03 | Hartford-New Britain-Middletown, CT | 36 | Springfield, MA | 69 |
| Philadelphia-Wilmington-  Trenton, PA-NJ-DE-MD | 04 | Salt Lake City-Ogden, UT | 37 | El Paso, TX | 70 |
| San Francisco-Oakland- San Jose, CA | 05 | Rochester, NY | 38 | New Haven-Meriden, CT | 71 |
| Detroit-Ann Arbor, MI | 06 | Oklahoma City, OK | 39 | Little Rock-North Little Rock, AK | 72 |
| Boston-Lawrence-Salem, MA-NH | 07 | Louisville, KY-IN | 40 | Charleston, SC | 73 |
| Houston-Galveston-Brazoria, TX | 08 | Dayton-Springfield, OH | 41 | Mobile, AL | 74 |
| Washington, DC-MD-VA | 09 | Memphis, TN-AR-MS | 42 | Bakersfield, CA | 75 |
| Dallas-Fort Worth, TX | 10 | Birmingham, AL | 43 | Johnson City-Kingsport-Bristol, TN-VA | 76 |
| Cleveland-Akron-Lorain, OH | 11 | Nashville, TN | 44 | Flint, MI | 77 |
| Miami-Fort Lauderdale, FL | 12 | Greensboro-Winston-Salem-High Point, NC | 45 | Albuquerque, NM | 78 |
| Pittsburgh-Beaver Valley, PA | 13 | Albany-Schenectady-Troy, NY | 46 | Wichita, KA | 79 |
| St. Louis, MO-IL | 14 | Honolulu, HI | 47 | Columbia, SC | 80 |
| Atlanta, GA | 15 | Orlando, FL | 48 | Chattanooga, TN-GA | 81 |
| Baltimore, MD | 16 | Richmond-Petersburg, VA | 49 | Saginaw-Bay City-Midland, MI | 82 |
| Minneapolis-St. Paul, MI-WI | 17 | Jacksonville, FL | 50 | Lansing-East Lansing, MI | 83 |
| Seattle-Tacoma, WA | 18 | Scranton-Wilkes Barre, PA | 51 | Worcester, MA | 84 |
| San Diego, CA | 19 | Tulsa, OK | 52 | Canton, OH | 85 |
| Tampa-St. Petersburg-Clearwater, FL | 20 | West Palm Beach-Boca Raton-Delray Beach, FL | 53 | Beaumont-Port Arthur, TX | 86 |
| Denver-Boulder, CO | 21 | Syracuse, NY | 54 | York, PA | 87 |
| Cincinnati-Hamilton, OH-KY-IN | 22 | Allentown-Bethlehem, PA-NJ | 55 | Davenport-Rock Island- Moline, IA-IL | 88 |
| Phoenix, AZ | 23 | Austin, TX | 56 | Stockton, CA | 89 |
| Milwaukee-Racine, WI | 24 | Grand Rapids, MI | 57 | Des Moines, IA | 90 |
| Kansas City, MO-KS | 25 | Toledo, OH | 58 | Lancaster, PA | 91 |
| Portland-Vancouver, OR-WA | 26 | Omaha, NE-IA | 59 | Jackson, MS | 92 |
| New Orleans, LA | 27 | Raleigh-Durham, NC | 60 | Peoria, IL | 93 |
| Columbus, OH | 28 | Greenville-Spartanburg, SC | 61 | Augusta-GA-SC | 94 |
| Norfolk-Virginia Beach-  Newport News, VA | 29 | Knoxville, TN | 62 | Corpus Christi, TX | 95 |
| Buffalo-Niagara Falls, NY | 30 | Tucson, AZ | 63 | Shreveport, LA | 96 |
| Sacramento, CA | 31 | Harrisburg-Lebanon-Carlisle, PA | 64 | Fort Wayne, IN | 97 |
| Indianapolis, IN | 32 | Fresno, CA | 65 | Spokane, WA | 98 |
| San Antonio, TX | 33 | Baton Rouge, LA | 66 | All smaller MSA/CMSA | 99 |

**1993 MSA/CMSA Ranks**

**CODES for files: 9503, 9603, 9703, 9803, 9903, 0003, 0103, 0203** [Return to SMSAR](#SMSAR)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Not an MSA/CMSA | 00 |  |  |  |  |
| New York, NY, New Jersey-  Long Island, NY-NJ-CT | 01 | Charlotte-Gastonia-Rock Hill, NC-SC | 34 | Harrisburg-Lebanon-Carlisle, PA | 67 |
| Los Angeles-Anaheim-  Riverside, CA | 02 | Hartford-New Britain-Middletown, CT | 35 | Springfield, MA | 68 |
| Chicago-Gary, IL-IN | 03 | Providence-Fall River, Warwick, RI-MA | 36 | Knoxville, TN | 69 |
| Washington Baltimore  Hagerstown DC-MD-VA-WV | 04 | Salt Lake City-Ogden, UT | 37 | Bakersfield, CA | 70 |
| San Francisco-Oakland-San Jose, CA | 05 | Rochester, NY | 38 | Little Rock-North Little Rock, AR | 71 |
| Philadelphia-Wilmington-  Trenton, PA-NJ-DE-MD | 06 | Greensboro-Winston-Salem-  High Point, NC | 39 | Charleston-North Charleston, SC | 72 |
| Boston-Manchester, MA-NH-ME | 07 | Memphis, TN-AR-MS | 40 | Sarasota-Bradenton, FL | 73 |
| Detroit-Ann Arbor-Flint, MI | 08 | Nashville, TN | 41 | Wichita, KS | 74 |
| Dallas-Fort Worth, TX | 09 | Oklahoma City, OK | 42 | Stockton-Lodi, CA | 75 |
| Houston-Galveston-Brazoria, TX | 10 | Dayton-Springfield, OH | 43 | Mobile, AL | 76 |
| Miami-Fort Lauderdale, FL | 11 | Louisville, KY-IN | 44 | Baton Rouge, LA | 77 |
| Seattle-Tacoma, Bremerton, WA | 12 | Grand Rapids, MI | 45 | Fort Wayne, IN | 78 |
| Atlanta, GA | 13 | Jacksonville, FL | 46 | Columbia, SC | 79 |
| Cleveland-Akron, OH | 14 | Richmond-Petersburg, VA | 47 | Johnson City-Kingsport-Bristol, IN-VA | 80 |
| Minneapolis-St. Paul, MI-WI | 15 | West Palm Beach-Boca Raton, FL | 48 | Lansing-East Lansing, MI | 81 |
| San Diego, CA | 16 | Albany-Schenectady-Troy, NY | 49 | Kalamazoo-Battle Creek, MI | 82 |
| St. Louis, MO-IL | 17 | Raleigh-Durham, NC | 50 | Lancaster, PA | 83 |
| Pittsburgh, PA | 18 | Las Vegas, NV | 51 | Lexington, KY | 84 |
| Phoenix, AZ | 19 | Austin-San Marcos, TX | 52 | Lakeland-Winter Haven, FL | 85 |
| Tampa-St. Petersburg-Clearwater, FL | 20 | Birmingham, AL | 53 | Chattanooga, TN-GA | 86 |
| Denver-Boulder-Greeley, CO | 21 | Honolulu, HI | 54 | Daytona Beach, FL | 87 |
| Cincinnati-Hamilton, OH-KY-IN | 22 | Greenville-Spartanburg-Anderson, SC | 55 | Saginaw-Bay City-Midland, MI | 88 |
| Portland-Vancouver, OR-WA | 23 | Fresno, CA | 56 | Melbourne-Titusville-Palm Bay, FL | 89 |
| Milwaukee-Racine, WI | 24 | Syracuse, NY | 57 | Colorado Springs, CO | 90 |
| Kansas City, MO-KS | 25 | Tulsa, OK | 58 | Jackson, MS | 91 |
| Sacramento-Yolo, CA | 26 | Tucson, AZ | 59 | Augusta-Aiken, GA-SC | 92 |
| Norfolk-Virginia Beach-  Newport News, VA-NC | 27 | Omaha, NE-IA | 60 | Canton-Massillon, OH | 93 |
| Indianapolis, IN | 28 | Scranton-Wilkes Barre-Hazleton, PA | 61 | Des Moines, IA | 94 |
| Columbus, OH | 29 | Toledo, OH | 62 | McAllen-Edinburg-Mission, TX | 95 |
| San Antonio, TX | 30 | Youngstown-Warren, OH | 63 | Shreveport-Bossier City, LA | 96 |
| New Orleans, LA | 31 | Allentown-Bethlehem-Easton, PA | 64 | Modesto, CA | 97 |
| Orlando, FL | 32 | El Paso, TX | 65 | Santa Barbara-Santa Maria-Lompoc, CA | 98 |
| Buffalo-Niagara Falls, NY | 33 | Albuquerque, NM | 66 | All smaller SMSA's | 99 |

**United Nations Department of Economic and Social Affairs**

**Codes for Countries or Area:** **Alphabetic Sort**

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|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 004 | Afghanistan | 184 | Cook Islands | 360 | Indonesia |
| 248 | Åland Islands | 188 | Costa Rica | 364 | Iran (Islamic Republic of) |
| 008 | Albania | 384 | Côte d’Ivoire | 368 | Iraq |
| 012 | Algeria | 191 | Croatia | 372 | Ireland |
| 016 | American Samoa | 192 | Cuba | 833 | Isle of Man |
| 020 | Andorra | 531 | Curaçao | 376 | Israel |
| 024 | Angola | 196 | Cyprus | 380 | Italy |
| 660 | Anguilla | 203 | Czech Republic | 388 | Jamaica |
| 028 | Antigua and Barbuda | 408 | Democratic People’s Rep of Korea | 392 | Japan |
| 032 | Argentina | 180 | Democratic Republic of the Congo | 832 | Jersey |
| 051 | Armenia | 208 | Denmark | 400 | Jordan |
| 533 | Aruba | 262 | Djibouti | 398 | Kazakhstan |
| 036 | Australia | 212 | Dominica | 404 | Kenya |
| 040 | Austria | 214 | Dominican Republic | 296 | Kiribati |
| 031 | Azerbaijan | 218 | Ecuador | 414 | Kuwait |
| 044 | Bahamas | 818 | Egypt | 417 | Kyrgyzstan |
| 048 | Bahrain | 222 | El Salvador | 418 | Lao Peoples Democratic Republic |
| 050 | Bangladesh | 226 | Equatorial Guinea | 428 | Latvia |
| 052 | Barbados | 232 | Eritrea | 422 | Lebanon |
| 112 | Belarus | 233 | Estonia | 426 | Lesotho |
| 056 | Belgium | 231 | Ethiopia | 430 | Liberia |
| 084 | Belize | 234 | Faeroe Islands | 434 | Libya |
| 204 | Benin | 238 | Falkland Islands (Malvinas) | 438 | Liechtenstein |
| 060 | Bermuda | 242 | Fiji | 440 | Lithuania |
| 064 | Bhutan | 246 | Finland | 442 | Luxembourg |
| 068 | Bolivia (Plurinational State of) | 250 | France | 450 | Madagascar |
| 535 | Bonaire, Saint Eustatius and Saba | 254 | French Guiana | 454 | Malawi |
| 070 | Bosnia and Herzegovina | 258 | French Polynesia | 458 | Malaysia |
| 072 | Botswana | 266 | Gabon | 462 | Maldives |
| 076 | Brazil | 270 | Gambia | 466 | Mali |
| 092 | British Virgin Islands | 268 | Georgia | 470 | Malta |
| 096 | Brunei Darussalam | 276 | Germany | 584 | Marshall Islands |
| 100 | Bulgaria | 288 | Ghana | 474 | Martinique |
| 854 | Burkina Faso | 292 | Gibraltar | 478 | Mauritania |
| 108 | Burundi | 300 | Greece | 480 | Mauritius |
| 116 | Cambodia | 304 | Greenland | 175 | Mayotte |
| 120 | Cameroon | 308 | Grenada | 484 | Mexico |
| 124 | Canada | 312 | Guadeloupe | 583 | Micronesia (Federated States of) |
| 132 | Cape Verde | 316 | Guam | 492 | Monaco |
| 136 | Cayman Islands | 320 | Guatemala | 496 | Mongolia |
| 140 | Central African Republic | 831 | Guernsey | 499 | Montenegro |
| 148 | Chad | 324 | Guinea | 500 | Montserrat |
| 830 | Channel Islands | 624 | Guinea-Bissau | 504 | Morocco |
| 052 | Chile | 328 | Guyana | 508 | Mozambique |
| 156 | China | 332 | Haiti | 104 | Myanmar |
| 344 | China, Hong Kong Special Admin. Reg. | 336 | Holy See | 516 | Namibia |
| 446 | China, Macao Special Admin. Region | 340 | Honduras | 520 | Nauru |
| 170 | Colombia | 348 | Hungary | 524 | Nepal |
| 174 | Comoros | 352 | Iceland | 528 | Netherlands |
| 178 | Congo | 356 | India | 540 | New Caledonia |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 554 | New Zealand | 710 | South Africa |  |
| 558 | Nicaragua | 728 | South Sudan |  |
| 562 | Niger | 724 | Spain |  |
| 566 | Nigeria | 144 | Sri Lanka |  |
| 570 | Niue | 729 | Sudan |  |
| 574 | Norfolk Island | 740 | Suriname |  |
| 580 | Northern Mariana Islands | 744 | Svalbard and Jan Mayen Islands |  |
| 578 | Norway | 748 | Swaziland |  |
| 275 | Occupied Palestinian Territory | 752 | Sweden |  |
| 512 | Oman | 756 | Switzerland |  |
| 586 | Pakistan | 760 | Syrian Arab Republic |  |
| 585 | Palau | 762 | Tajikistan |  |
| 591 | Panama | 764 | Thailand |  |
| 598 | Papua New Guinea | 807 | The former Yugoslav Rep of Macedonia |  |
| 600 | Paraguay | 626 | Timor-Leste |  |
| 604 | Peru | 768 | Togo |  |
| 608 | Philippines | 772 | Tokelau |  |
| 612 | Pitcairn | 776 | Tonga |  |
| 616 | Poland | 780 | Trinidad and Tobago |  |
| 620 | Portugal | 788 | Tunisia |  |
| 630 | Puerto Rico | 792 | Turkey |  |
| 634 | Qatar | 795 | Turkmenistan |  |
| 410 | Republic of Korea | 796 | Turks and Caicos Islands |  |
| 498 | Republic of Moldova | 798 | Tuvalu |  |
| 638 | Réunion | 800 | Uganda |  |
| 642 | Romania | 804 | Ukraine |  |
| 643 | Russian Federation | 784 | United Arab Emirates |  |
| 646 | Rwanda | 826 | UK--Great Britain & Northern Ireland |  |
| 652 | Saint-Barthélemy | 834 | United Republic of Tanzania |  |
| 654 | Saint Helena | 840 | United States of America |  |
| 659 | Saint Kitts and Nevis | 850 | United States Virgin Islands |  |
| 662 | Saint Lucia | 858 | Uruguay |  |
| 663 | Saint-Martin (French part) | 860 | Uzbekistan |  |
| 666 | Saint Pierre and Miquelon | 548 | Vanuatu |  |
| 670 | Saint Vincent and the Grenadines | 862 | Venezuela (Bolivarian Republic of) |  |
| 882 | Samoa | 704 | Viet Nam |  |
| 674 | San Marino | 876 | Wallis and Futuna Islands |  |
| 678 | Sao Tome and Principe | 732 | Western Sahara |  |
| 680 | Sark | 887 | Yemen |  |
| 682 | Saudi Arabia | 894 | Zambia |  |
| 686 | Senegal | 716 | Zimbabwe |  |
| 688 | Serbia |  |  |  |
| 690 | Seychelles |  |  |  |
| 694 | Sierra Leone |  |  |  |
| 702 | Singapore |  |  |  |
| 534 | Saint Maarten (Dutch part) |  |  |  |
| 703 | Sloovakia |  |  |  |
| 705 | Slovenia |  |  |  |
| 90 | Solomon Islands |  |  |  |
| 706 | Somalia |  |  |  |

Source: United Nations Department of Economic and Social Affairs, Economic and Social Development website <http://unstats.un.org/unsd/methods/m49/m49alpha.htm>, accessed on 12/5/12.

**United Nations Department of Economic and Social Affairs**

**Codes for Countries or Areas:** **Numeric Sort**

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|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 004 | Afghanistan | 196 | Cyprus | 384 | Côte d’Ivoire |
| 008 | Albania | 203 | Czech Republic | 388 | Jamaica |
| 012 | Algeria | 204 | Benin | 392 | Japan |
| 016 | American Samoa | 208 | Denmark | 398 | Kazakhstan |
| 020 | Andorra | 212 | Dominica | 400 | Jordan |
| 024 | Angola | 214 | Dominican Republic | 404 | Kenya |
| 028 | Antigua and Barbuda | 218 | Ecuador | 408 | Democratic People’s Republic of Korea |
| 031 | Azerbaijan | 222 | El Salvador | 410 | Republic of Korea |
| 032 | Argentina | 226 | Equatorial Guinea | 414 | Kuwait |
| 036 | Australia | 231 | Ethiopia | 417 | Kyrgyzstan |
| 040 | Austria | 232 | Eritrea | 418 | Lao Peoples Democratic Republic |
| 044 | Bahamas | 233 | Estonia | 422 | Lebanon |
| 048 | Bahrain | 234 | Faeroe Islands | 426 | Lesotho |
| 050 | Bangladesh | 238 | Falkland Islands (Malvinas) | 428 | Latvia |
| 051 | Armenia | 242 | Fiji | 430 | Liberia |
| 052 | Barbados | 246 | Finland | 434 | Libya |
| 052 | Chile | 248 | Åland Islands | 438 | Liechtenstein |
| 056 | Belgium | 250 | France | 440 | Lithuania |
| 060 | Bermuda | 254 | French Guiana | 442 | Luxembourg |
| 064 | Bhutan | 258 | French Polynesia | 446 | China, Macao Special Admin. Region |
| 068 | Bolivia (Plurinational State of) | 262 | Djibouti | 450 | Madagascar |
| 070 | Bosnia and Herzegovina | 266 | Gabon | 454 | Malawi |
| 072 | Botswana | 268 | Georgia | 458 | Malaysia |
| 076 | Brazil | 270 | Gambia | 462 | Maldives |
| 084 | Belize | 275 | Occupied Palestinian Territory | 466 | Mali |
| 090 | Solomon Islands | 276 | Germany | 470 | Malta |
| 092 | British Virgin Islands | 288 | Ghana | 474 | Martinique |
| 096 | Brunei Darussalam | 292 | Gibraltar | 478 | Mauritania |
| 100 | Bulgaria | 296 | Kiribati | 480 | Mauritius |
| 104 | Myanmar | 300 | Greece | 484 | Mexico |
| 108 | Burundi | 304 | Greenland | 492 | Monaco |
| 112 | Belarus | 308 | Grenada | 496 | Mongolia |
| 116 | Cambodia | 312 | Guadeloupe | 498 | Republic of Moldova |
| 120 | Cameroon | 316 | Guam | 499 | Montenegro |
| 124 | Canada | 320 | Guatemala | 500 | Montserrat |
| 132 | Cape Verde | 324 | Guinea | 504 | Morocco |
| 136 | Cayman Islands | 328 | Guyana | 508 | Mozambique |
| 140 | Central African Republic | 332 | Haiti | 512 | Oman |
| 144 | Sri Lanka | 336 | Holy See | 516 | Namibia |
| 148 | Chad | 340 | Honduras | 520 | Nauru |
| 156 | China | 344 | China, Hong Kong Special Admin. Region | 524 | Nepal |
| 170 | Colombia | 348 | Hungary | 528 | Netherlands |
| 174 | Comoros | 352 | Iceland | 531 | Curaçao |
| 175 | Mayotte | 356 | India | 533 | Aruba |
| 178 | Congo | 360 | Indonesia | 534 | Saint Maarten (Dutch part) |
| 180 | Democratic Republic of the Congo | 364 | Iran (Islamic Republic of) | 535 | Bonaire, Saint Eustatius and Saba |
| 184 | Cook Islands | 368 | Iraq | 540 | New Caledonia |
| 188 | Costa Rica | 372 | Ireland | 548 | Vanuatu |
| 191 | Croatia | 376 | Israel | 554 | New Zealand |
| 192 | Cuba | 380 | Italy | 558 | Nicaragua |

|  |  |  |  |
| --- | --- | --- | --- |
| 562 | Niger | 728 | South Sudan |
| 566 | Nigeria | 729 | Sudan |
| 570 | Niue | 732 | Western Sahara |
| 574 | Norfolk Island | 740 | Suriname |
| 578 | Norway | 744 | Svalbard and Jan Mayen Islands |
| 580 | Northern Mariana Islands | 748 | Swaziland |
| 583 | Micronesia (Federated States of) | 752 | Sweden |
| 584 | Marshall Islands | 756 | Switzerland |
| 585 | Palau | 760 | Syrian Arab Republic |
| 586 | Pakistan | 762 | Tajikistan |
| 591 | Panama | 764 | Thailand |
| 598 | Papua New Guinea | 768 | Togo |
| 600 | Paraguay | 772 | Tokelau |
| 604 | Peru | 776 | Tonga |
| 608 | Philippines | 780 | Trinidad and Tobago |
| 612 | Pitcairn | 784 | United Arab Emirates |
| 616 | Poland | 788 | Tunisia |
| 620 | Portugal | 792 | Turkey |
| 624 | Guinea-Bissau | 795 | Turkmenistan |
| 626 | Timor-Leste | 796 | Turks and Caicos Islands |
| 630 | Puerto Rico | 798 | Tuvalu |
| 634 | Qatar | 800 | Uganda |
| 638 | Réunion | 804 | Ukraine |
| 642 | Romania | 807 | The former Yugoslav Rep of Macedonia |
| 643 | Russian Federation | 818 | Egypt |
| 646 | Rwanda | 826 | UK--Great Britain & Northern Ireland |
| 652 | Saint-Barthélemy | 830 | Channel Islands |
| 654 | Saint Helena | 831 | Guernsey |
| 659 | Saint Kitts and Nevis | 832 | Jersey |
| 660 | Anguilla | 833 | Isle of Man |
| 662 | Saint Lucia | 834 | United Republic of Tanzania |
| 663 | Saint-Martin (French part) | 840 | United States of America |
| 666 | Saint Pierre and Miquelon | 850 | United States Virgin Islands |
| 670 | Saint Vincent and the Grenadines | 854 | Burkina Faso |
| 674 | San Marino | 858 | Uruguay |
| 678 | Sao Tome and Principe | 860 | Uzbekistan |
| 680 | Sark | 862 | Venezuela (Bolivarian Republic of) |
| 682 | Saudi Arabia | 876 | Wallis and Futuna Islands |
| 686 | Senegal | 882 | Samoa |
| 688 | Serbia | 887 | Yemen |
| 690 | Seychelles | 894 | Zambia |
| 694 | Sierra Leone |  |  |
| 702 | Singapore |  |  |
| 703 | Sloovakia |  |  |
| 704 | Viet Nam |  |  |
| 705 | Slovenia |  |  |
| 706 | Somalia |  |  |
| 710 | South Africa |  |  |
| 716 | Zimbabwe |  |  |
| 724 | Spain |  |  |

Source: United Nations Department of Economic and Social Affairs, Economic and Social Development website <http://unstats.un.org/unsd/methods/m49/m49alpha.htm>, accessed on 12/5/12.

**Appendix E**

**1990 INDUSTRIAL CLASSIFICATION SYSTEM**

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Numbers in parentheses following the industry categories are the 1987 SIC definitions. The abbreviation "pt" means "part" and "n.e.c." means "not elsewhere classified."

|  |  |
| --- | --- |
| **1990 Industry Code** | **Industry Category** |
|  | **AGRICULTURE** |
| 010 | Agricultural production, crops (01) |
| 011 | Agricultural production, livestock (02) |
| 012 | Veterinary services (074) |
| 020 | Landscape and horticultural services (078) |
| 030 | Agricultural services, n.e.c. (071, 072, 075, 076) |
|  | **FORESTRY AND FISHERIES** |
| 031 | Forestry |
| 032 | Fishing, hunting, and trapping (09) |
|  | **MINING** |
| 040 | Metal mining (10) |
| 041 | Coal mining (12) |
| 042 | Oil and gas extraction (13) |
| 050 | Nonmetallic mining and quarrying, except fuel (14) |
|  |  |
| **060** | **CONSTRUCTION (15, 16, 17)** |
|  |  |
|  | **MANUFACTURING** |
|  | **Nondurable Goods** |
| 100 | Meat products (201) |
| 101 | Dairy products (202) |
| 102 | Canned, frozen and preserved fruits and vegetables (203) |
| 110 | Grain mill products (204) |
| 111 | Bakery products (205) |
| 112 | Sugar and confectionery products (206) |
| 120 | Beverage industries (208) |
| 121 | Miscellaneous food preparations and kindred products (207, 209) |
| 122 | Not specified food industries |
| 130 | Tobacco manufactures (21) |
| 132 | Knitting mills (225) |
| 140 | Dyeing and finishing textiles, except wool and knit goods (226) |
| 141 | Carpets and rugs (227) |
| 142 | Yarn, thread, and fabric mills (221-224, 228) |
| **1990 Industry Code** | **Industry Category** |
|  | **MANUFACTURING, Nondurable Goods, cont.** |
| 150 | Miscellaneous textile mill products (229) |
| 151 | Apparel and accessories, except knit (231-238) |
| 152 | Miscellaneous fabricated textile products (239) |
| 160 | Pulp, paper, and paperboard mills (261-263) |
| 161 | Miscellaneous paper and pulp products (267) |
| 162 | Paperboard containers and boxes (265) |
| 171 | Newspaper publishing and printing (271) |
| 172 | Printing, publishing, and allied industries, except newspapers (272-279) |
| 180 | Plastics, synthetics, and resins (282) |
| 181 | Drugs (283) |
| 182 | Soaps and cosmetics (284) |
| 190 | Paints, varnishes, and related products (285) |
| 191 | Agricultural chemicals (287) |
| 192 | Industrial and miscellaneous chemicals (281,286, 289) |
| 200 | Petroleum refining (291) |
| 201 | Miscellaneous petroleum and coal products (295, 299) |
| 210 | Tires and inner tubes (301) |
| 211 | Other rubber products, and plastics footwear and belting (302-306) |
| 212 | Miscellaneous plastics products (308) |
| 220 | Leather tanning and finishing (311) |
| 221 | Footwear, except rubber and plastic (313, 314) |
| 222 | Leather products, except footwear (315-317, 319) |
|  | **Durable Goods** |
| 230 | Logging (241) |
| 231 | Sawmills, planing mills, and millwork (242, 243) |
| 232 | Wood buildings and mobile homes (245) |
| 241 | Miscellaneous wood products (244, 249) |
| 242 | Furniture and fixtures (25) |
| 250 | Glass and glass products (321-323) |
| 251 | Cement, concrete, gypsum, and plaster products (324, 327) |
| 252 | Structural clay products (325) |
| 261 | Pottery and related products (326) |
| 262 | Miscellaneous nonmetallic mineral and stone products (328, 329) |
| 270 | Blast furnaces, steelworks, rolling and finishing mills (331) |
| 271 | Iron and steel foundries (332) |
| 272 | Primary aluminum industries (3334, part 334, 3353-3355, 3363, 3365) |
| 280 | Other primary metal industries (3331, 3339, part 334, 3351, 3356, 3357, 3364, 3366, 3369, 339) |
| 281 | Cutlery, handtools, and general hardware (342) |
| 282 | Fabricated structural metal products (344) |
| **1990 Industry Code** | **Industry Category** |
|  | **MANUFACTURING, Durable Goods, cont.** |
| 290 | Screw machine products (345) |
| 291 | Metal forgings and stampings (346) |
| 292 | Ordnance (348) |
| 300 | Miscellaneous fabricated metal products (341, 343, 347, 349) |
| 301 | Not specified metal industries |
| 310 | Engines and turbines (351) |
| 311 | Farm machinery and equipment (352) |
| 312 | Construction and material handling machines (353) |
| 320 | Metalworking machinery (354) |
| 321 | Office and accounting machines (3578, 3579) |
| 322 | Computers and related equipment (3571-3577) |
| 331 | Machinery, except electrical, n.e.c. (355, 356, 358, 359) |
| 332 | Not specified machinery |
| 340 | Household appliances (363) |
| 341 | Radio, TV, and communication equipment (365, 366) |
| 342 | Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369) |
| 350 | Not specified electrical machinery, equipment, and supplies |
| 351 | Motor vehicles and motor vehicle equipment (371) |
| 352 | Aircraft and parts (372) |
| 360 | Ship and boat building and repairing (373) |
| 361 | Railroad locomotives and equipment (374) |
| 362 | Guided missiles, space vehicles, and parts (376) |
| 370 | Cycles and miscellaneous transportation equipment (375, 379) |
| 371 | Scientific and controlling instruments (381, 382 except 3827) |
| 372 | Medical, dental, and optical instruments and supplies (3827, 384, 385) |
| 380 | Photographic equipment and supplies (386) |
| 381 | Watches, clocks, and clockwork operated devices (387) |
| 382 | Not specified professional equipment (manufacturing) |
| 390 | Toys, amusement, and sporting goods (394) |
| 391 | Miscellaneous manufacturing industries (39 except 394) |
| 392 | Not specified manufacturing industries |
|  | **TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES** |
| 400 | Railroads (40) |
| 401 | Bus service and urban transit (41, except 412) |
| 402 | Taxicab service (412) |
| 410 | Trucking service (421, 423) |
| 411 | Warehousing and storage (422) |
| 412 | US Postal Service (43) |
| 420 | Water transportation (44) |
| **1990 Industry Code** | **Industry Category** |
|  | **TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES, cont.** |
| 421 | Air transportation (45) |
| 422 | Pipe lines, except natural gas (46) |
| 432 | Services incidental to transportation (47) |
| 440 | Radio and television broadcasting and cable (483, 484) |
| 441 | Telephone communications (481) |
| 442 | Telegraph and miscellaneous communications services (482, 489) |
| 450 | Electric light and power (491) |
| 451 | Gas and steam supply systems (492, 496) |
| 452 | Electric and gas, and other combinations (493) |
| 470 | Water supply and irrigation (494, 497) |
| 471 | Sanitary services (495) |
| 472 | Not specified utilities |
|  | **WHOLESALE TRADE** |
|  | **Durable Goods** |
| 500 | Motor vehicles and equipment (501) |
| 501 | Furniture and home furnishings (502) |
| 502 | Lumber and construction materials (503) |
| 510 | Professional and commercial equipment and supplies (504) |
| 511 | Metals and minerals, except petroleum (505) |
| 512 | Electrical goods (506) |
| 521 | Hardware, plumbing and heating supplies (507) |
| 522 | Not specified electrical and hardware (wholesale trade) |
| 530 | Machinery, equipment, and supplies (508) |
| 531 | Scrap and waste materials (5093) |
| 532 | Miscellaneous wholesale, durable goods (509 except 5093) |
|  | **Nondurable Goods** |
| 540 | Paper and paper products (511) |
| 541 | Drugs, chemicals and allied products (512, 516) |
| 542 | Apparel, fabrics, and notions (513) |
| 550 | Groceries and related products (514) |
| 551 | Farm-product raw materials (515) |
| 552 | Petroleum products (517) |
| 560 | Alcoholic beverages (518) |
| 561 | Farm supplies (5191) |
| 562 | Miscellaneous wholesale, nondurable goods (5192-5199) |
| 571 | Not specified wholesale trade |
|  | **RETAIL TRADE** |
| 580 | Lumber and building material retailing (521, 523) |
| 581 | Hardware stores (525) |
| **1990 Industry Code** | **Industry Category** |
|  | **RETAIL TRADE, cont.** |
| 582 | Retail nurseries and garden stores (526) |
| 590 | Mobile home dealers (527) |
| 591 | Department stores (531) |
| 592 | Variety stores (533) |
| 600 | Miscellaneous general merchandise stores (539) |
| 601 | Grocery stores (541) |
| 602 | Dairy products stores (545) |
| 610 | Retail bakeries (546) |
| 611 | Food stores, n.e.c. (542, 543, 544, 549) |
| 612 | Motor vehicle dealers (551, 552) |
| 620 | Auto and home supply stores (553) |
| 621 | Gasoline service stations (554) |
| 622 | Miscellaneous vehicle dealers (555, 556, 557, 559) |
| 623 | Apparel and accessory stores, except shoe (56, except 566) |
| 630 | Shoe stores (566) |
| 631 | Furniture and home furnishings stores (571) |
| 632 | Household appliance stores (572) |
| 633 | Radio, TV, and computer stores (5731, 5734) |
| 640 | Music stores (5735, 5736) |
| 641 | Eating and drinking places (58) |
| 642 | Drug stores (591) |
| 650 | Liquor stores (592) |
| 651 | Sporting goods, bicycles, and hobby stores (5941, 5945, 5946) |
| 652 | Book and stationery stores (5942, 5943) |
| 660 | Jewelry stores (5944) |
| 661 | Gift, novelty, and souvenir shops (5947) |
| 662 | Sewing, needlework and piece goods stores (5949) |
| 663 | Catalog and mail order houses (5961) |
| 670 | Vending machine operators (5962) |
| 671 | Direct selling establishments (5963) |
| 672 | Fuel dealers (598) |
| 681 | Retail florists (5992) |
| 682 | Miscellaneous retail stores (593, 5948, 5993-5995, 5999) |
| 691 | Not specified retail trade |
|  | **FINANCE, INSURANCE, AND REAL ESTATE** |
| 700 | Banking (60 except 603 and 606) |
| 701 | Savings institutions, including credit unions (603, 606) |
| 702 | Credit agencies, n.e.c. (61) |
| 710 | Security, commodity brokerage, and investment companies (62, 67) |
| **1990 Industry Code** | **Industry Category** |
|  | **FINANCE, INSURANCE, AND REAL ESTATE, cont.** |
| 711 | Insurance (63, 64) |
| 712 | Real estate, including real estate-insurance offices (65) |
|  | **BUSINESS AND REPAIR SERVICES** |
| 721 | Advertising (731) |
| 722 | Services to dwellings and other buildings (734) |
| 731 | Personnel supply services (736) |
| 732 | Computer and data processing services (737) |
| 740 | Detective and protective services (7381, 7382) |
| 741 | Business services, n.e.c. (732, 733, 735, 7383-7389) |
| 742 | Automotive rental and leasing, without drivers (751) |
| 750 | Automotive parking and carwashes (752, 7542) |
| 751 | Automotive repair and related services (753, 7549) |
| 752 | Electrical repair shops (762, 7694) |
| 760 | Miscellaneous repair services (763, 764, 7692, 7699) |
|  | **PERSONAL SERVICES** |
| 761 | Private Households (88) |
| 762 | Hotels and motels (701) |
| 770 | Lodging places, except hotels and motels (702, 703, 704) |
| 771 | Laundry, cleaning, and garment services (721 except part 7219) |
| 772 | Beauty shops (723) |
| 780 | Barber shops (724) |
| 781 | Funeral service and crematories (726) |
| 782 | Shoe repair shops (725) |
| 790 | Dressmaking shops (part 7219) |
| 791 | Miscellaneous personal services (722, 729) |
|  | **ENTERTAINMENT AND RECREATION SERVICES** |
| 800 | Theaters and motion pictures (781-783, 792) |
| 801 | Video tape rental (784) |
| 802 | Bowling centers (793) |
| 810 | Miscellaneous entertainment and recreation services (791, 794, 799) |
|  | **PROFESSIONAL AND RELATED SERVICES** |
| 812 | Offices and clinics of physicians (801, 803) |
| 820 | Offices and clinics of dentists (802) |
| 821 | Offices and clinics of chiropractors (8041) |
| 822 | Offices and clinics of optometrists (8042) |
| 830 | Offices and clinics of health practitioners, n.e.c. (8043, 8049) |
| 831 | HOSPITALS (806) |
| 832 | Nursing and personal care facilities (805) |
| 840 | Health services, n.e.c. (807, 808, 809) |
| **1990 Industry Code** | **Industry Category** |
|  | **PROFESSIONAL AND RELATED SERVICES, cont.** |
| 841 | Legal services (81) |
| 842 | Elementary and secondary schools (821) |
| 850 | Colleges and universities (822) |
| 851 | Vocational schools (824) |
| 852 | Libraries (823) |
| 860 | Educational services, n.e.c. (829) |
| 861 | Job training and vocational rehabilitation services (833) |
| 862 | Child day care services (part 835) |
| 863 | Family child care homes (part 835) |
| 870 | Residential care facilities, without nursing (836) |
| 871 | Social services, n.e.c. (832, 839) |
| 872 | Museums, art galleries, and zoos (84) |
| 873 | Labor unions (863) |
| 880 | Religious organizations (866) |
| 881 | Membership organizations, n.e.c. (861, 862, 864, 865, 869) |
| 882 | Engineering, architectural, and surveying services (871) |
| 890 | Accounting, auditing, and bookkeeping services (872) |
| 891 | Research, development, and testing services (873) |
| 892 | Management and public relations services (874) |
| 893 | Miscellaneous professional and related services (899) |
|  | **PUBLIC ADMINISTRATION** |
| 900 | Executive and legislative offices (911-913) |
| 901 | General government, n.e.c. (919) |
| 910 | Justice, public order, and safety (92) |
| 921 | Public finance, taxation, and monetary policy (93) |
| 922 | Administration of human resources programs (94) |
| 930 | Administration of environmental quality and housing programs (95) |
| 931 | Administration of economic programs (96) |
| 932 | National security and international affairs (97) |
|  | **ACTIVE DUTY MILITARY** |
| 991 | Assigned to persons whose labor force status is unemployed and whose last job was Armed Forces |

**Appendix F**

**2007 INDUSTRIAL CLASSIFICATION SYSTEM**

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **INDUSTRY CODE CROSSWALK** | | |
|  |  | **U.S. Census Bureau** | | |
|  |  | **1990 Census, NAICS 2007, Census 2007 codes** | |  |
|  |  | **Sorted by Census 2000 Codes** | |  |
|  |  |  |  |  |
| Key: | New = Census 2000 category without a 1990 equivalent | | |  |
|  | New7 = Census 2007 category without a 2002, 2000, or 1990 equivalent | | |  |
|  | Old = 1990 Census category without a 2000 equivalent (deleted or merged with another category) | | | |
|  | p = part of a 1990 category (1990 category split into 2 or more major parts) | | |  |
|  | - (minus) = component moved from 1990 industry to different 2000 category | | |  |
|  | + (plus) = component added to 1990 industry to make new 2000 category | | |  |
|  | \* = 1990 major group change to a different NAICS/2000 sector | | |  |
|  | \*\*\*\*\*= 2007 new code added or change to existing code for 2007 | | |  |
|  | \*\*\*\* = new title added for 2007 | | |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **1990 Census** | **1997 NAICS** | **Census 2000** | **Census 2000 Category Title** |
| 010 | 111 | 017 | Crop production |
| 011 | 112 | 018 | Animal production |
| 31 | 1131, 1132 | 019 | Forestry except logging |
| 230\* | 1133 | 027 | Logging |
| 032 | 114 | 028 | Fishing, hunting, and trapping |
| 030 | 115 | 029 | Support activities for agriculture and forestry |
| 042 | 211 | 037 | Oil and gas extraction |
| 041 | 2121 | 038 | Coal mining |
| 040 | 2122 | 039 | Metal ore mining |
| 050 | 2123 | 047 | Nonmetallic mineral mining and quarrying |
| New | Part of 21 | 048 | Not specified type of mining |
| New | 213 | 049 | Support activities for mining |
| 450 | 2211 | 057 | Electric power generation, transmission and distribution |
| 451- | 2212 | 058 | Natural gas distribution |
| 452 | Pts. 2211, 2212 | 059 | Electric and gas and other combinations |
| 470+ | 22131, 22133 | 067 | Water, steam, air-conditioning, and irrigation systems |
| 471p | 22132 | 068 | Sewage treatment facilities |
| 472 | Part of 22 | 069 | Not specified utilities |
| 060+ | 23 | 077 | Construction |
| 110 | 3111, 3112 | 107 | Animal food, grain, and oilseed milling |
| 112 | 3113 | 108 | Sugar and confectionery products |
| 102 | 3114 | 109 | Fruit and vegetable preserving and specialty food manufacturing |
| 101 | 3115 | 117 | Dairy product manufacturing |
| 100 | 3116 | 118 | Animal slaughtering and processing |
| 610\* | 311811 | 119 | Retail bakeries |
| 111 | 3118 exc. 311811 | 127 | Bakeries except retail |
| 121 | 3117, 3119 | 128 | Seafood and other miscellaneous foods n.e.c. |
| 122 | Part of 311 | 129 | Not specified food industries |
| 120 | 3121 | 137 | Beverage manufacturing |
| 130 | 3122 | 139 | Tobacco manufacturing |
| 142p | 3131 | 147 | Fiber, yarn, and thread mills |
| 142p | 3132 exc. 31324 | 148 | Fabric mills, except knitting |
| 140 | 3133 | 149 | Textile and fabric finishing and coating mills |
| 141 | 31411 | 157 | Carpets and rugs manufacturing |
| 150 | 314 exc. 31411 | 159 | Textile product mills except carpets and rugs |
| 132 | 31324, 3151 | 167 | Knitting mills |
| 151 | 3152 | 168 | Cut and sew apparel manufacturing |
| 152 | 3159 | 169 | Apparel accessories and other apparel manufacturing |
| 221+ | 3162 | 177 | Footwear manufacturing |
| 222 | 3161, 3169 | 179 | Leather tanning and products, except footwear manufacturing |
| 220 | 31611 | Old | (now part of 179) |
| 160 | 3221 | 187 | Pulp, paper, and paperboard mills |
| 162 | 32221 | 188 | Paperboard containers and boxes |
| 161 | 32222, 32223,32229 | 189 | Miscellaneous paper and pulp products |
| 172p | 3231 | 199 | Printing and related support activities |
| 200 | 32411 | 207 | Petroleum refining |
| 201 | 32412, 32419 | 209 | Miscellaneous petroleum and coal products |
| 180 | 3252 | 217 | Resin, synthetic rubber and fibers, and filaments manufacturing |
| 191 | 3253 | 218 | Agricultural chemical manufacturing |
| 181 | 3254 | 219 | Pharmaceutical and medicine manufacturing |
| 190 | 3255 | 227 | Paint, coating, and adhesives manufacturing |
| 182 | 3256 | 228 | Soap, cleaning compound, and cosmetic manufacturing |
| 192 | 3251, 3259 | 229 | Industrial and miscellaneous chemicals |
| 212 | 3261 | 237 | Plastics product manufacturing |
| 210 | 32621 | 238 | Tire manufacturing |
| 211- | 32622, 32629 | 239 | Rubber products, except tires, manufacturing |
| 261 | 32711 | 247 | Pottery, ceramics, and related products manufacturing |
| 252 | 32712 | 248 | Structural clay product manufacturing |
| 250 | 3272 | 249 | Glass and glass product manufacturing |
| 251 | 3273, 3274 | 257 | Cement, concrete, lime, and gypsum product manufacturing |
| 262 | 3279 | 259 | Miscellaneous nonmetallic mineral product manufacturing |
| 270 | 3311, 3312 | 267 | Iron and steel mills and steel product manufacturing |
| 272+/- | 3313 | 268 | Aluminum production and processing |
| 280- | 3314 | 269 | Nonferrous metal, except aluminum, production and processing |
| 271+ | 3315 | 277 | Foundries |
| 291 | 3321 | 278 | Metal forgings and stampings |
| 281 | 3322 | 279 | Cutlery and hand tool manufacturing |
| 282 | 3323, 3324 | 287 | Structural metals and tank and shipping container manufacturing |
| 290 | 3327 | 288 | Machine shops; turned product; screw nut and bolt activities |
| 300p | 3328 | 289 | Coating, engraving, heat treating and allied activities |
| 292 | 332992-332995 | 297 | Ordnance |
| 300p | 3325, 3326, 3329 exc. 332992, 332993, 332994, 332995 | 298 | Miscellaneous fabricated metal products manufacturing |
| 301 | Part of 331 and 332 | 299 | Not specified metal industries |
| 311 | 33311 | 307 | Agricultural implement manufacturing |
| 312 | 33312, 33313 | 308 | Construction, mining and oil field manufacturing |
| 321 | 3333 | 309 | Commercial and service industry machinery manufacturing |
| 380 | 333315 | Old | (now part of 309) |
| 320 | 3335 | 317 | Metalworking machinery manufacturing |
| 310 | 3336 | 318 | Engines, turbines, and power transmission equipment manufacturing |
| 331+ | 3332, 3334,3339 | 319 | Machinery manufacturing, n.e.c. |
| 332 | Part of 333 | 329 | Not specified machinery manufacturing |
| 322 | 3341 | 336 | Computer and peripheral equipment manufacturing |
| 341 | 3342, 3343 | 337 | Communications, audio, and video equipment manufacturing |
| 371 | 3345 | 338 | Navigational, measuring, electromedical, and control instruments manufacturing |
| 381 | 334518 | Old | (now part of 338) |
| 342p | 3344, 3346 | 339 | Electronic component and product manufacturing, n.e.c. |
| 340 | 3352 | 347 | Household appliance manufacturing |
| 342p+ | 3351, 3353, 3359 | 349 | Electrical machinery, equipment, and and supplies manufacturing, n.e.c. |
| 350 | Part of 335 | Old | (now part of 349) |
| 351+ | 3361, 3362, 3363 | 357 | Motor vehicles and motor vehicle equipment manufacturing |
| 352 | 336411-336413 | 358 | Aircrafts and parts manufacturing |
| 362 | 336414, 336415, 336419 | 359 | Aerospace products and parts manufacturing |
| 361 | 3365 | 367 | Railroad rolling stock manufacturing |
| 360 | 3366 | 368 | Ship and boat building |
| 370- | 3369 | 369 | Other transportation equipment manufacturing |
| 231p | 3211 | 377 | Sawmills and wood preservation |
| 231p | 3212 | 378 | Veneer, plywood, and engineered wood product manufacturing |
| 232 | 321991, 321992 | 379 | Prefabricated wood buildings and mobile homes manufacturing |
| 241 | 3219 exc. 321991,321992 | 387 | Miscellaneous wood product manufacturing |
| 242 | 337 | 389 | Furniture and fixtures |
| 372+ | 3391 | 396 | Medical equipment and supplies manufacturing |
| 390 | 33992, 33993 | 397 | Toys, amusement and sporting goods manufacturing |
| 391 | 3399 exc. 33992, 33993 | 398 | Miscellaneous manufacturing, n.e.c. |
| 392 | Part of 31-33 | 399 | Not specified manufacturing |
| 500 | 4211 | 407 | Motor vehicles, parts and supplies wholesalers |
| 501 | 4212 | 408 | Furniture and home furnishing wholesalers |
| 502 | 4213 | 409 | Lumber and other construction materials wholesalers |
| 510 | 4214 | 417 | Professional and commercial equipment and supplies wholesalers |
| 511 | 4215 | 418 | Metals and minerals, except petroleum wholesalers |
| 512 | 4216 | 419 | Electrical goods wholesalers |
| 521 | 4217 | 426 | Hardware, plumbing and heating equipment, and supplies wholesalers |
| 530 | 4218 | 427 | Machinery, equipment, and supplies wholesalers |
| 531 | 42193 | 428 | Recyclable material wholesalers |
| 532 | 4219 exc. 42193 | 429 | Misc durable goods wholesalers |
| 540 | 4221 | 437 | Paper and paper product wholesalers |
| 541 | 4222, 4226 | 438 | Drugs, sundries, and chemical and allied product wholesalers |
| 542 | 4223 | 439 | Apparel, fabrics, and notions wholesalers |
| 550 | 4224 | 447 | Groceries and related product wholesalers |
| 551 | 4225 | 448 | Farm product raw material wholesalers |
| 552 | 4227 | 449 | Petroleum and petroleum product wholesalers |
| 560 | 4228 | 456 | Alcoholic beverage wholesalers |
| 561 | 42291 | 457 | Farm supplies wholesalers |
| 562 | 4229 exc. 42291 | 458 | Misc. nondurable goods wholesalers |
| 571 | Part of 42 | 459 | Not specified wholesale trade |
| 612 | 4411 | 467 | Automobile dealers |
| 622 | 4412 | 468 | Other motor vehicle dealers |
| 620 | 4413 | 469 | Auto parts, accessories, and tire stores |
| 631 | 442 | 477 | Furniture and home furnishings stores |
| 632 | 443111 | 478 | Household appliance stores |
| 633+ | 443112, 44312 | 479 | Radio, TV, and computer stores |
| 580 | 4441 exc. 44413 | 487 | Building material and supplies dealers |
| 581 | 44413 | 488 | Hardware stores |
| 582 | 4442 | 489 | Lawn and garden equipment and supplies stores |
| 601 | 4451 | 497 | Grocery stores |
| 611 | 4452 | 498 | Specialty food stores |
| 602 | 445299 | Old | (now part of 498) |
| 650 | 4453 | 499 | Beer, wine, and liquor stores |
| 642 | 44611 | 507 | Pharmacies and drug stores |
| 682p- | 446 exc. 44611 | 508 | Health and personal care, except drug, stores |
| 621 | 447 | 509 | Gasoline stations |
| 623 | 448 exc. 44821 and 4483 | 517 | Clothing and accessories, except shoe, stores |
| 630 | 44821 | 518 | Shoe stores |
| 660+ | 4483 | 519 | Jewelry, luggage, and leather goods stores |
| 651 | 44313, 45111, 45112 | 527 | Sporting goods, camera, and hobby and toy stores |
| 662 | 45113 | 528 | Sewing, needlework and piece goods stores |
| 640 | 45114, 45122 | 529 | Music stores |
| 652p+ | 45121 | 537 | Book stores and news dealers |
| 591 | 45211 | 538 | Department stores |
| 600+ | 4529 | 539 | Miscellaneous general merchandise stores |
| 592 | 45299 | Old | (now part of 539) |
| 681 | 4531 | 547 | Retail florists |
| 652p | 45321 | 548 | Office supplies and stationary stores |
| 682p- | 4533 | 549 | Used merchandise stores |
| 661 | 45322 | 557 | Gift, novelty, and souvenir shops |
| 682p- | 4539 | 558 | Miscellaneous retail stores |
| 590 | 45393 | Old | (now part of 558) |
| 663+ | 45411 | 559 | Electronic shopping and mail-order houses |
| 670 | 45421 | 567 | Vending machine operators |
| 672 | 45431 | 568 | Fuel dealers |
| 671- | 45439 | 569 | Other direct selling establishments |
| 691 | Part of 44-45 | 579 | Not specified retail trade |
| 421 | 481 | 607 | Air transportation |
| 400 | 482 | 608 | Rail transportation |
| 420 | 483 | 609 | Water transportation |
| 410p | 484 | 617 | Truck transportation |
| 401p- | 4851, 4852, 4854, 4855, 4859 | 618 | Bus service and urban transit |
| 402+ | 4853 | 619 | Taxi and limousine service |
| 422+ | 486 | 627 | Pipeline transportation |
| 401p | 487 | 628 | Scenic and sightseeing transportation |
| 432p+ | 488 | 629 | Services incidental to transportation |
| 412 | 491 | 637 | Postal Service |
| 410p | 492 | 638 | Courier and messengers |
| 411 | 493 | 639 | Warehousing and storage |
| 171 | 51111 | 647 | Newspaper publishers |
| 172p | 5111 exc. 51111 | 648 | **Publishing except newspapers and software** |
| 732p | 5112 | 649 | **Software publishing** |
| 800- | 5121 | 657 | Motion pictures and video industries |
| 741p | 5122 | 659 | Sound recording industries |
| 440 | 5131, 5132 | 667 | **Radio and television broadcasting and cable** |
| 441 | 51331 | 668 | Wired telecommunications carriers |
| 442 | 5133 exc. 51331 | 669 | Other telecommunication services |
| 852 | 51412 | 677 | Libraries and archives |
| 741p | 5141 exc. 51412 | 678 | Other information services |
| 732p | 5142 | 679 | Data processing services |
| 700 | 521, 52211, 52219 | 687 | Banking and related activities |
| 701 | 52212, 52213 | 688 | Savings institutions, including credit unions |
| 702+ | 5222, 5223 | 689 | Non-depository credit and related activities |
| 710- | 523, 525 | 697 | Securities, commodities, funds, trusts, and other financial investments |
| 711 | 524 | 699 | Insurance carriers and related activities |
| 712 | 531 | 707 | Real estate |
| 742 | 5321 | 708 | Automotive equipment rental and leasing |
| 801\* | 53223 | 717 | Video tape and disk rental |
| 741p | 53221, 53222,53229,5323 | 718 | Other consumer goods rental |
| 741p | 5324, 533 | 719 | Commercial, industrial, and other intangible assets rental and leasing |
| 841+ | 5411 | 727 | Legal services |
| 890 | 5412 | 728 | Accounting, tax preparation, bookkeeping and payroll services |
| 882 | 5413 | 729 | Architectural, engineering, and related services |
| 741p | 5414 | 737 | Specialized design services |
| 732p | 5415 | 738 | Computer systems design and related services |
| 892 | 5416 | 739 | Management, scientific and technical consulting services |
| 891 | 5417 | 746 | Scientific research and development services |
| 721 | 5418 | 747 | Advertising and related services |
| 012\* | 54194 | 748 | Veterinary services |
| 893p | 5419 exc. 54194 | 749 | Other professional, scientific and technical services |
| New | 551 | 757 | Management of companies and enterprises |
| 731 | 5613 | 758 | Employment services |
| 741p | 5614 | 759 | Business support services |
| 432p | 5615 | 767 | Travel arrangement and reservation services |
| 740 | 5616 | 768 | Investigation and security services |
| 722 | 5617 exc. 56173 | 769 | Services to buildings and dwellings |
| 020\* | 56173 | 777 | Landscaping services |
| 741p | 5611, 5612, 5619 | 778 | Other administrative and other support services |
| 471p | 562 | 779 | Waste management and remediation services |
| 842 | 6111 | 786 | Elementary and secondary schools |
| 850 | 6112, 6113 | 787 | Colleges and universities, including junior colleges |
| 851 | 6114, 6115 | 788 | Business, technical, and trade schools and training |
| 860 | 6116, 6117 | 789 | Other schools, instruction, and educational services |
| 812p | 6211 | 797 | Offices of physicians |
| 820 | 6212 | 798 | Offices of dentists |
| 821 | 62131 | 799 | Office of chiropractors |
| 822 | 62132 | 807 | Offices of optometrists |
| 830 | 6213 exc. 62131, 62132 | 808 | Offices of other health practitioners |
| 812p | 6214 | 809 | Outpatient care centers |
| 840p | 6216 | 817 | Home health care services |
| 840p+ | 6215, 6219 | 818 | Other health care services |
| 831 | 622 | 819 | Hospitals |
| 832 | 6231 | 827 | Nursing care facilities |
| 870 | 6232, 6233, 6239 | 829 | Residential care facilities, without nursing |
| 871p | 6241 | 837 | Individual and family services |
| 871p | 6242 | 838 | Community food and housing, and emergency services |
| 861 | 6243 | 839 | Vocational rehabilitation services |
| 862 | 6244 | 847 | Child day care services |
| 863 | Part of 6244 | Old | (now part of 847) |
| 810p+ | 711 | 856 | Independent artists, performing arts, spectator sports, and related industries |
| 872\* | 712 | 857 | Museums, art galleries, historical sites, and similar institutions |
| 802 | 71395 | 858 | Bowling centers |
| 810p | 713 exc. 71395 | 859 | Other amusement, gambling, and recreation industries |
| 762 | 7211 | 866 | Traveler accommodation |
| 770 | 7212, 7213 | 867 | Recreational vehicle parks and camps, and rooming and boarding houses |
| 641p+ | 722 exc. 7224 | 868 | Restaurants and other food services |
| 641p | 7224 | 869 | Drinking places, alcoholic beverages |
| 751 | 8111 exc. 811192 | 877 | Automotive repair and maintenance |
| 750- | 811192 | 878 | Car washes |
| 752 | 8112 | 879 | Electronic and precision equipment repair and maintenance |
| 760p | 8113 | 887 | Commercial and industrial machinery and equipment repair and maintenance |
| 760p | 8114 exc. 81143 | 888 | Personal and household goods repair and maintenance |
| 790 | 81149 | Old | (now part of 888) |
| 782 | 81143 | 889 | Footwear and leather goods repair |
| 780 | 812111 | 897 | Barber shops |
| 772p | 812112 | 898 | Beauty salons |
| 772p | 812113, 81219 | 899 | Nail salons and other personal care services |
| 771 | 8123 | 907 | Drycleaning and laundry services |
| 781+ | 8122 | 908 | Funeral homes, cemeteries and crematories |
| 791+ | 8129 | 909 | Other personal services |
| 880 | 8131 | 916 | Religious organizations |
| 881p+ | 8132, 8133, 8134 | 917 | Civic, social, advocacy organizations, and grantmaking and giving services |
| 873+ | 81393 | 918 | Labor unions |
| 881p+ | 8139 exc. 81393 | 919 | Business, professional, political, and similar organizations |
| 761 | 814 | 929 | Private households |
| 900 | 92111, 92112, 92114, pt. 92115 | 937 | Executive offices and legislative bodies |
| 921 | 92113 | 938 | Public finance activities |
| 901 | 92119 | 939 | Other general government and support |
| 910+ | 922, pt. 92115 | 947 | Justice, public order, and safety activities |
| 922 | 923 | 948 | Administration of human resource programs |
| 930 | 924, 925 | 949 | Administration of environmental quality and housing programs |
| 931 | 926, 927 | 957 | Administration of economic programs and space research |
| 932 | 928 | 959 | National security and international affairs |
| 940 | Part of 928 | 967 | U.S. Army |
| 941 | Part of 928 | 968 | U. S. Air Force |
| 942 | Part of 928 | 969 | U. S. Navy |
| 950 | Part of 928 | 977 | U. S. Marines |
| 951 | Part of 928 | 978 | U. S. Coast Guard |
| 952 | Part of 928 | 979 | U. S. Armed Forces, branch not specified |
| 960 | Part of 928 | 987 | Military Reserves or National Guard |
| 992 |  | 992 | Unemployed, no work experience since 1994 |

**Appendix G**

**1990 OCCUPATIONAL CLASSIFICATION SYSTEM**

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Numbers in parentheses following the occupation categories are the 1980 Standard Occupational Classification code equivalents. The abbreviation "pt" means "part" and "n.e.c." means "not elsewhere classified."

|  |  |
| --- | --- |
| **1990 Occupation Code** | **Occupation Category** |
|  | **MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS** |
|  | **EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS** |
| 003 | Legislators (111) |
| 004 | Chief executives and general administrators, public administration (112) |
| 005 | Administrators and officials, public administration (1132-1139) |
| 006 | Administrators, protective services (1131) |
| 007 | Financial managers (122) |
| 008 | Personnel and labor relations managers (123) |
| 009 | Purchasing managers (124) |
| 013 | Managers, marketing, advertising, and public relations (125) |
| 014 | Administrators, education and related fields (128) |
| 015 | Managers, medicine and health (131) |
| 016 | Postmasters and mail superintendents (1344) |
| 017 | Managers, food serving and lodging establishments (1351) |
| 018 | Managers, properties and real estate (1353) |
| 019 | Funeral directors (part 1359) |
| 021 | Managers, service organizations, n.e.c. (127, 1352, 1354, part 1359) |
| 022 | Managers and administrators, n.e.c. (121, 126, 132-1343, 136-139) |
|  | **Management Related Occupations** |
| 023 | Accountants and auditors (1412) |
| 024 | Underwriters (1414) |
| 025 | Other financial officers (1415, 1419) |
| 026 | Management analysts (142) |
| 027 | Personnel, training, and labor relations specialists (143) |
| 029 | Purchasing agents and buyers, farm products (1443) |
| 029 | Buyers, wholesale and retail trade except farm products (1442) |
| 033 | Purchasing agents and buyers, n.e.c. (1449) |
| 034 | Business and promotion agents (145) |
| 035 | Construction inspectors (1472) |
| 036 | Inspectors and compliance officers, except construction (1473) |
| 037 | Management related occupations, n.e.c. (149) |
|  |  |
| **1990 Occupation Code** | **Occupation Category** |
|  | **PROFESSIONAL SPECIALTY OCCUPATIONS** |
|  | **Engineers, Architects, and Surveyors** |
| 043 | Architects (161) |
|  | **Engineers** |
| 044 | Aerospace (1622) |
| 045 | Metallurgical and materials (1623) |
| 046 | Mining (1624) |
| 047 | Petroleum (1625) |
| 048 | Chemical (1626) |
| 049 | Nuclear (1627) |
| 053 | Civil (1628) |
| 054 | Agricultural (1632) |
| 055 | Electrical and electronic (1633, 1636) |
| 056 | Industrial (1634) |
| 057 | Mechanical (1635) |
| 058 | Marine and naval architects (1637) |
| 059 | Engineers, n.e.c. (1639) |
| 063 | Surveyors and mapping scientists (164) |
|  | **Mathematical and Computer Scientists** |
| 064 | Computer systems analysts and scientists (171) |
| 065 | Operations and systems researchers and analysts (172) |
| 066 | Actuaries (1732) |
| 067 | Statisticians (1733) |
| 068 | Mathematical scientists, n.e.c. (1739) |
|  | **Natural Scientists** |
| 069 | Physicists and astronomers (1842, 1843) |
| 073 | Chemists, except biochemists (1845) |
| 074 | Atmospheric and space scientists (1846) |
| 075 | Geologists and geodesists (1847) |
| 076 | Physical scientists, n.e.c. (1849) |
| 077 | Agricultural and food scientists (1853) |
| 078 | Biological and life scientists (1854) |
| 079 | Forestry and conservation scientists (1852) |
| 083 | Medical scientists (1855) |
|  | **Health Diagnosing Occupations** |
| 084 | Physicians (261) |
| 085 | Dentists (262) |
| 086 | Veterinarians (27) |
| 087 | Optometrists (281) |
| 088 | Podiatrists (283) |
| **1990 Occupation Code** | **Occupation Category** |
|  | **PROFESSIONAL SPECIALTY OCCUPATIONS, Health Diagnosing Occupations, cont.** |
| 089 | Health diagnosing practitioners, n.e.c. (289) |
|  | **Health Assessment and Treating Occupations** |
| 095 | Registered nurses (29) |
| 096 | Pharmacists (301) |
| 097 | Dietitians (302) |
|  | **Therapists** |
| 098 | Respiratory therapists (3031) |
| 099 | Occupational therapists (3032) |
| 103 | Physical therapists (3033) |
| 104 | Speech therapists (3034) |
| 105 | Therapists, n.e.c. (3039) |
| 106 | Physicians' assistants (304) |
|  | **Teachers, Postsecondary** |
| 113 | Earth, environmental, and marine science teachers (2212) |
| 114 | Biological science teachers (2213) |
| 115 | Chemistry teachers (2214) |
| 116 | Physics teachers (2215) |
| 117 | Natural science teachers, n.e.c. (2216) |
| 118 | Psychology teachers (2217) |
| 119 | Economics teachers (2218) |
| 123 | History teachers (2222) |
| 124 | Political science teachers (2223) |
| 125 | Sociology teachers (2224) |
| 126 | Social science teachers, n.e.c. (2225) |
| 127 | Engineering teachers (2226) |
| 128 | Mathematical science teachers (2227) |
| 129 | Computer science teachers (2228) |
| 133 | Medical science teachers (2231) |
| 134 | Health specialties teachers (2232) |
| 135 | Business, commerce, and marketing teachers (2233) |
| 136 | Agriculture and forestry teachers (2234) |
| 137 | Art, drama, and music teachers (2235) |
| 138 | Physical education teachers (2236) |
| 139 | Education teachers (2237) |
| 143 | English teachers (2238) |
| 144 | Foreign language teachers (2242) |
| 145 | Law teachers (2243) |
| 146 | Social work teachers (2244) |
| 147 | Theology teachers (2245) |
| **1990 Occupation Code** | **Occupation Category** |
|  | **PROFESSIONAL SPECIALTY OCCUPATIONS, Teachers, Postsecondary, cont.** |
| 148 | Trade and industrial teachers (2246) |
| 149 | Home economics teachers (2247) |
| 153 | Teachers, postsecondary, n.e.c. (2249) |
| 154 | Postsecondary teachers, subject not specified |
|  | **Teachers, Except Postsecondary** |
| 155 | Teachers, prekindergarten and kindergarten (231) |
| 156 | Teachers, elementary school (232) |
| 157 | Teachers, secondary school (233) |
| 158 | Teachers, special education (235) |
| 159 | Teachers, n.e.c. (236, 239) |
| 163 | Counselors, Educational and Vocational (24) |
|  | **Librarians, Archivists, and Curators** |
| 164 | Librarians (251) |
| 165 | Archivists and curators (252) |
|  | **Social Scientists and Urban Planners** |
| 166 | Economists (1912) |
| 167 | Psychologists (1915) |
| 168 | Sociologists (1916) |
| 169 | Social scientists, n.e.c. (1913, 1914, 1919) |
| 173 | **Urban planners (192)** |
|  | **Social, Recreation, and Religious Workers** |
| 174 | Social workers (2032) |
| 175 | Recreation workers (2033) |
| 176 | Clergy (2042) |
| 177 | Religious workers, n.e.c. (2049) |
|  | **Lawyers and Judges (211-212)** |
| 178 | Lawyers (211) |
| 179 | Judges |
|  | **Writers, Artists, Entertainers, and Athletes** |
| 183 | Authors (321) |
| 184 | Technical writers (398) |
| 185 | Designers (322) |
| 186 | Musicians and composers (323) |
| 187 | Actors and directors (324) |
| 188 | Painters, sculptors, craft-artists, and artist printmakers (325) |
| 189 | Photographers (326) |
| 193 | Dancers (327) |
| 194 | Artists, performers, and related workers, n.e.c. (328, 329) |
| 195 | Editors and reporters (331) |
| **1990 Occupation Code** | **Occupation Category** |
|  | **PROFESSIONAL SPECIALTY OCCUPATIONS, Writers, Artists, Entertainers, and Athletes, cont.** |
| 197 | Public relations specialists (332) |
| 198 | Announcers (333) |
| 199 | Athletes (34) |
|  | **TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS** |
|  | **TECHNICIANS AND RELATED SUPPORT OCCUPATIONS** |
|  | **Health Technologists and Technicians** |
| 203 | Clinical laboratory technologists and technicians (362) |
| 204 | Dental hygienists (363) |
| 205 | Health record technologists and technicians (364) |
| 206 | Radiologic technicians (365) |
| 207 | Licensed practical nurses (366) |
| 208 | Health technologists and technicians, n.e.c. (369) |
|  | **Technologists and Technicians, Except Health** |
|  | **Engineering and Related Technologists and Technicians** |
| 213 | Electrical and electronic technicians (3711) |
| 214 | Industrial engineering technicians (3712) |
| 215 | Mechanical engineering technicians (3713) |
| 216 | Engineering technicians, n.e.c. (3719) |
| 217 | Drafting occupations (372) |
| 218 | Surveying and mapping technicians (373) |
|  | **Science Technicians** |
| 223 | Biological technicians (382) |
| 224 | Chemical technicians (3831) |
| 225 | Science technicians, n.e.c. (3832, 3833, 384, 389) |
|  | **Technicians, Except Health, Engineering, and Science** |
| 226 | Airplane pilots and navigators (825) |
| 227 | Air traffic controllers (392) |
| 228 | Broadcast equipment operators (393) |
| 229 | Computer programmers (3971, 3972) |
| 233 | Tool programmers, numerical control (3974) |
| 234 | Legal assistants (396) |
| 235 | Technicians, n.e.c. (399) |
|  | **SALES OCCUPATIONS** |
| 243 | **Supervisors and Proprietors, Sales Occupations (40)** |
|  | **Sales Representatives, Finance and Business Services** |
| 253 | Insurance sales occupations (4122) |
| 254 | Real estate sales occupations (4123) |
| 255 | Securities and financial services sales occupations (4124) |
| 256 | Advertising and related sales occupations (4153) |
| **1990 Occupation Code** | **Occupation Category** |
|  | **SALES OCCUPATIONS, Sales Representatives, Finance and Business Services, cont.** |
| 257 | Sales occupations, other business services (4152) |
|  | **Sales Representatives, Commodities, Except Retail** |
| 258 | Sales engineers (421) |
| 259 | Sales representatives, mining, manufacturing, and wholesale (423, 424) |
|  | **Sales Workers, Retail and Personal Services** |
| 263 | Sales workers, motor vehicles and boats (4342, 4344) |
| 264 | Sales workers, apparel (4346) |
| 265 | Sales workers, shoes (4351) |
| 266 | Sales workers, furniture and home furnishings (4348) |
| 267 | Sales workers, radio, TV, hi-fi, and appliances (4343, 4352) |
| 268 | Sales workers, hardware and building supplies (4353) |
| 269 | Sales workers, parts (4367) |
| 274 | Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369) |
| 275 | Sales counter clerks (4363) |
| 276 | Cashiers (4364) |
| 277 | Street and door-to-door sales workers (4366) |
| 278 | News vendors (4365) |
|  | **Sales Related Occupations** |
| 283 | Demonstrators, promoters and models, sales (445) |
| 284 | Auctioneers (447) |
| 285 | Sales support occupations, n.e.c. (444, 446, 449) |
|  | **ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL** |
|  | **Supervisors, Administrative Support Occupations** |
| 303 | Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529) |
| 304 | Supervisors, computer equipment operators (4512) |
| 305 | Supervisors, financial records processing (4521) |
| 306 | Chief communications operators (4523) |
| 307 | Supervisors, distribution, scheduling, and adjusting clerks (4522, 4524-4528) |
|  | **Computer Equipment Operators** |
| 308 | Computer operators (4612) |
| 309 | Peripheral equipment operators (4613) |
|  | **Secretaries, Stenographers, and Typists** |
| 313 | Secretaries (4622) |
| 314 | Stenographers (4623) |
| 315 | Typists (4624) |
|  | **Information Clerks** |
| 316 | Interviewers (4642) |
| **1990 Occupation Code** | **Occupation Category** |
|  | **ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL, Information Clerks, cont.** |
| 318 | Transportation ticket and reservation agents (4644) |
| 319 | Receptionists (4645) |
| 323 | Information clerks, n.e.c. (4649) |
|  | **Records Processing Occupations, Except Financial** |
| 325 | Classified-ad clerks (4662) |
| 326 | Correspondence clerks (4663) |
| 327 | Order clerks (4664) |
| 328 | Personnel clerks, except payroll and timekeeping (4692) |
| 329 | Library clerks (4694) |
| 335 | File clerks (4696) |
| 336 | Records clerks (4699) |
|  | **Financial Records Processing Occupations** |
| 337 | Bookkeepers, accounting, and auditing clerks (4712) |
| 338 | Payroll and timekeeping clerks (4713) |
| 339 | Billing clerks (4715) |
| 343 | Cost and rate clerks (4716) |
| 344 | Billing, posting, and calculating machine operators (4718) |
|  | **Duplicating, Mail and Other Office Machine Operators** |
| 345 | Duplicating machine operators (4722) |
| 346 | Mail preparing and paper handling machine operators (4723) |
| 347 | Office machine operators, n.e.c. (4729) |
|  | **Communications Equipment Operators** |
| 348 | Telephone operators (4732) |
| 353 | Communications equipment operators, n.e.c. (4733, 4739) |
|  | **Mail and Message Distributing Occupations** |
| 354 | Postal clerks, except mail carriers (4742) |
| 355 | Mail carriers, postal service (4743) |
| 356 | Mail clerks, except postal service (4744) |
| 357 | Messengers (4745) |
|  | **Material Recording, Scheduling, and Distributing Clerks** |
| 359 | Dispatchers (4751) |
| 363 | Production coordinators (4752) |
| 364 | Traffic, shipping, and receiving clerks (4753) |
| 365 | Stock and inventory clerks (4754) |
| 366 | Meter readers (4755) |
| 368 | Weighers, measurers, checkers, and samplers (4756, 4757) |
| 373 | Expediters (4758) |
| 374 | Material recording, scheduling, and distributing clerks, n.e.c. (4759) |
| **1990 Occupation Code** | **Occupation Category** |
|  | **ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL, cont.** |
|  | **Adjusters and Investigators** |
| 375 | Insurance adjusters, examiners, and investigators (4782) |
| 376 | Investigators and adjusters, except insurance (4783) |
| 377 | Eligibility clerks, social welfare (4784) |
| 378 | Bill and account collectors (4786) |
|  | **Miscellaneous Administrative Support Occupations** |
| 379 | General office clerks (463) |
| 383 | Bank tellers (4791) |
| 384 | Proofreaders (4792) |
| 385 | Data-entry keyers (4793) |
| 386 | Statistical clerks (4794) |
| 387 | Teachers' aides (4795) |
| 389 | Administrative support occupations, n.e.c. (4787, 4799) |
|  | **SERVICE OCCUPATIONS** |
|  | **PRIVATE HOUSEHOLD OCCUPATIONS** |
| 403 | Launderers and ironers (503) |
| 404 | Cooks, private household (504) |
| 405 | Housekeepers and butlers (505) |
| 406 | Child care workers, private household (506) |
| 407 | Private household cleaners and servants (502, 507, 509) |
|  | **PROTECTIVE SERVICE OCCUPATIONS** |
|  | **Supervisors, Protective Service Occupations** |
| 413 | Supervisors, firefighting and fire prevention occupations (5111) |
| 414 | Supervisors, police and detectives (5112) |
| 415 | Supervisors, guards (5113) |
|  | **Firefighting and Fire Prevention Occupations** |
| 416 | Fire inspection and fire prevention occupations (5122) |
| 417 | Firefighting occupations (5123) |
|  | **Police and Detectives** |
| 418 | Police and detectives, public service (5132) |
| 423 | Sheriffs, bailiffs, and other law enforcement officers (5134) |
| 424 | Correctional institution officers (5133) |
|  | **Guards** |
| 425 | Crossing guards (5142) |
| 426 | Guards and police, except public service (5144) |
| 427 | Protective service occupations, n.e.c. (5149) |
|  | **SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD** |
|  | **Food Preparation and Service Occupations** |
| 433 | Supervisors, food preparation and service occupations (5211) |
| **1990 Occupation Code** | **Occupation Category** |
|  | **SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD, Food Preparation and Service Occupations, cont.** |
| 434 | Bartenders (5212) |
| 435 | Waiters and waitresses (5213) |
| 436 | Cooks (5214, 5215) |
| 438 | Food counter, fountain and related occupations (5216) |
| 439 | Kitchen workers, food preparation (5217) |
| 443 | Waiters'/waitresses' assistants (5218) |
| 444 | Miscellaneous food preparation occupations (5219) |
|  | **Health Service Occupations** |
| 445 | Dental assistants (5232) |
| 446 | Health aides, except nursing (5233) |
| 447 | Nursing aides, orderlies, and attendants (5236) |
|  | **Cleaning and Building Service Occupations, Except Household** |
| 448 | Supervisors, cleaning and building service workers (5241) |
| 449 | Maids and housemen (5242, 5249) |
| 453 | Janitors and cleaners (5244) |
| 454 | Elevator operators (5245) |
| 455 | Pest control occupations (5246) |
|  | **Personal Service Occupations** |
| 456 | Supervisors, personal service occupations (5251) |
| 457 | Barbers (5252) |
| 458 | Hairdressers and cosmetologists (5253) |
| 459 | Attendants, amusement and recreation facilities (5254) |
| 461 | Guides (5255) |
| 462 | Ushers (5256) |
| 463 | Public transportation attendants (5257) |
| 464 | Baggage porters and bellhops (5262) |
| 465 | Welfare service aides (5263) |
| 466 | Family child care providers (part 5264) |
| 467 | Early childhood teacher's assistants (part 5264) |
| 468 | Child care workers, n.e.c. (part 5264) |
| 469 | Personal service occupations, n.e.c. (5258, 5269) |
|  | **FARMING, FORESTRY, AND FISHING OCCUPATIONS** |
|  | **Farm Operators and Managers** |
| 473 | Farmers, except horticultural (5512-5514) |
| 474 | Horticultural specialty farmers (5515) |
| 475 | Managers, farms, except horticultural (5522-5524) |
| 476 | Managers, horticultural specialty farms (5525) |
|  |  |
|  |  |
| **1990 Occupation Code** | **Occupation Category** |
|  | **FARMING, FORESTRY, AND FISHING OCCUPATIONS, cont.** |
|  | **Other Agricultural and Related Occupations** |
|  | **Farm Occupations, Except Managerial** |
| 477 | Supervisors, farm workers (5611) |
| 479 | Farm workers (5612-5617) |
| 483 | Marine life cultivation workers (5618) |
| 484 | Nursery workers (5619) |
|  | **Related Agricultural Occupations** |
| 485 | Supervisors, related agricultural occupations (5621) |
| 486 | Groundskeepers and gardeners, except farm (5622) |
| 487 | Animal caretakers, except farm (5624) |
| 488 | Graders and sorters, agricultural products (5625) |
| 489 | Inspectors, agricultural products (5627) |
|  | **Forestry and Logging Occupations** |
| 494 | Supervisors, forestry and logging workers (571) |
| 495 | Forestry workers, except logging (572) |
| 496 | Timber cutting and logging occupations (573, 579) |
|  | **Fishers, Hunters, and Trappers** |
| 497 | Captains and other officers, fishing vessels (part 8241) |
| 498 | Fishers (583) |
| 499 | Hunters and trappers (584) |
|  | **PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS** |
|  | **Mechanics and Repairers** |
| 503 | Supervisors, mechanics and repairers (60) |
|  | **Mechanics and Repairers, Except Supervisors** |
|  | **Vehicle and Mobile Equipment Mechanics and Repairers** |
| 505 | Automobile mechanics (part 6111) |
| 506 | Automobile mechanic apprentices (part 6111) |
| 507 | Bus, truck, and stationary engine mechanics (6112) |
| 508 | Aircraft engine mechanics (6113) |
| 509 | Small engine repairers (6114) |
| 514 | Automobile body and related repairers (6115) |
| 515 | Aircraft mechanics, except engine (6116) |
| 516 | Heavy equipment mechanics (6117) |
| 517 | Farm equipment mechanics (6118) |
| 518 | Industrial machinery repairers (613) |
| 519 | Machinery maintenance occupations (614) |
|  | **Electrical and Electronic Equipment Repairers** |
| 523 | Electronic repairers, communications and industrial equipment (6151, 6153, 6155) |
| 525 | Data processing equipment repairers (6154) |
| **1990 Occupation Code** | **Occupation Category** |
|  | **PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS, Electrical and Electronic Equipment Repairers, cont.** |
| 527 | Telephone line installers and repairers (6157) |
| 529 | Telephone installers and repairers (6158) |
| 533 | Miscellaneous electrical and electronic equipment repairers (6152, 6159) |
| 534 | Heating, air conditioning, and refrigeration mechanics (616) |
|  | **Miscellaneous Mechanics and Repairers** |
| 535 | Camera, watch, and musical instrument repairers (6171, 6172) |
| 536 | Locksmiths and safe repairers (6173) |
| 538 | Office machine repairers (6174) |
| 539 | Mechanical controls and valve repairers (6175) |
| 543 | Elevator installers and repairers (6176) |
| 544 | Millwrights (6178) |
| 547 | Specified mechanics and repairers, n.e.c. (6177, 6179) |
| 549 | Not specified mechanics and repairers |
|  | **Construction Trades** |
|  | **Supervisors, Construction Occupations** |
| 553 | Supervisors, brickmasons, stonemasons, and tile setters (6312) |
| 554 | Supervisors, carpenters and related workers (6313) |
| 555 | Supervisors, electricians and power transmission installers (6314) |
| 556 | Supervisors, painters, paperhangers, and plasterers (6315) |
| 557 | Supervisors, plumbers, pipefitters, and steamfitters (6316) |
| 558 | Supervisors, construction, n.e.c. (6311, 6318) |
|  | **Construction Trades, Except Supervisors** |
| 563 | Brickmasons and stonemasons (part 6412, part 6413) |
| 564 | Brickmason and stonemason apprentices (part 6412, part 6413) |
| 565 | Tile setters, hard and soft (part 6414, part 6462) |
| 566 | Carpet installers (part 6462) |
| 567 | Carpenters (part 6422) |
| 569 | Carpenter apprentices (part 6422) |
| 573 | Drywall installers (6424) |
| 575 | Electricians (part 6432) |
| 576 | Electrician apprentices (part 6432) |
| 577 | Electrical power installers and repairers (6433) |
| 579 | Painters, construction and maintenance (6442) |
| 583 | Paperhangers (6443) |
| 584 | Plasterers (6444) |
| 585 | Plumbers, pipefitters, and steamfitters (part 645) |
| 587 | Plumber, pipefitter, and steamfitter apprentices (part 645) |
| 588 | Concrete and terrazzo finishers (6463) |
| **1990 Occupation Code** | **Occupation Category** |
|  | **PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS, Construction Trades, Except Supervisors, cont.** |
| 589 | Glaziers (6464) |
| 593 | Insulation workers (6465) |
| 594 | Paving, surfacing, and tamping equipment operators (6466) |
| 595 | Roofers (6468) |
| 596 | Sheetmetal duct installers (6472) |
| 597 | Structural metal workers (6473) |
| 598 | Drillers, earth (6474) |
| 599 | Construction trades, n.e.c. (6467, 6475, 6476, 6479) |
|  | **Extractive Occupations** |
| 613 | Supervisors, extractive occupations (632) |
| 614 | Drillers, oil well (652) |
| 615 | Explosives workers (653) |
| 616 | Mining machine operators (654) |
| 617 | Mining occupations, n.e.c. (656) |
|  | **Precision Production Occupations** |
| 628 | Supervisors, production occupations (67, 71) |
|  | **Precision Metal Working Occupations** |
| 634 | Tool and die makers (part 6811) |
| 635 | Tool and die maker apprentices (part 6811) |
| 636 | Precision assemblers, metal (6812) |
| 637 | Machinists (part 6813) |
| 639 | Machinist apprentices (part 6813) |
| 643 | Boilermakers (6814) |
| 644 | Precision grinders, filers, and tool sharpeners (6816) |
| 645 | Patternmakers and model makers, metal (6817) |
| 646 | Lay-out workers (6821) |
| 647 | Precious stones and metals workers (Jewelers) (6822, 6866) |
| 649 | Engravers, metal (6823) |
| 653 | Sheet metal workers (part 6824) |
| 654 | Sheet metal worker apprentices (part 6824) |
| 655 | Miscellaneous precision metal workers (6829) |
|  | **Precision Woodworking Occupations** |
| 656 | Patternmakers and model makers, wood (6831) |
| 657 | Cabinet makers and bench carpenters (6832) |
| 658 | Furniture and wood finishers (6835) |
| 659 | Miscellaneous precision woodworkers (6839) |
|  | **Precision Textile, Apparel, and Furnishings Machine Workers** |
| 666 | Dressmakers (part 6852, part 7752) |
| 667 | Tailors (part 6852) |
| **1990 Occupation Code** | **Occupation Category** |
|  | **PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS, Precision Textile, Apparel, and Furnishings Machine Workers, cont.** |
| 668 | Upholsterers (6853) |
| 669 | Shoe repairers (6854) |
| 674 | Miscellaneous precision apparel and fabric workers (6856, 6859, part 7752) |
|  | **Precision Workers, Assorted Materials** |
| 675 | Hand molders and shapers, except jewelers (6861) |
| 676 | Patternmakers, lay-out workers, and cutters (6862) |
| 677 | Optical goods workers (6864, part 7477, part 7677) |
| 678 | Dental laboratory and medical appliance technicians (6865) |
| 679 | Bookbinders (6844) |
| 683 | Electrical and electronic equipment assemblers (6867) |
| 684 | Miscellaneous precision workers, n.e.c. (6869) |
|  | **Precision Food Production Occupations** |
| 686 | Butchers and meat cutters (6871) |
| 687 | Bakers (6872) |
| 688 | Food batchmakers (6873, 6879) |
|  | **Precision Inspectors, Testers, and Related Workers** |
| 689 | Inspectors, testers, and graders (6881, 828) |
| 693 | Adjusters and calibrators (6882) |
|  | **Plant and System Operators** |
| 694 | Water and sewage treatment plant operators (691) |
| 695 | Power plant operators (part 693) |
| 696 | Stationary engineers (part 693, 7668) |
| 699 | Miscellaneous plant and system operators (692, 694, 695, 696) |
|  | **OPERATORS, FABRICATORS, AND LABORERS** |
|  | **MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS** |
|  | **Machine Operators and Tenders, Except Precision** |
|  | **Metal Working and Plastic Working Machine Operators** |
| 703 | Lathe and turning machine set-up operators (7312) |
| 704 | Lathe and turning machine operators (7512) |
| 705 | Milling and planing machine operators (7313, 7513) |
| 706 | Punching and stamping press machine operators (7314, 7317, 7514, 7517) |
| 707 | Rolling machine operators (7316, 7516) |
| 708 | Drilling and boring machine operators (7318, 7518) |
| 709 | Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522) |
| 713 | Forging machine operators (7319, 7519) |
| 714 | Numerical control machine operators (7326) |
| 715 | Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529) |
| **1990 Occupation Code** | **Occupation Category** |
|  | **MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS, Metal Working and Plastic Working Machine Operators, cont.** |
| 717 | Fabricating machine operators, n.e.c. (7339, 7539) |
|  | **Metal and Plastic Processing Machine Operators** |
| 719 | Molding and casting machine operators (7315, 7342, 7515, 7542) |
| 723 | Metal plating machine operators (7343, 7543) |
| 724 | Heat treating equipment operators (7344, 7544) |
| 725 | Miscellaneous metal and plastic processing machine operators (7349, 7549) |
|  | **Woodworking Machine Operators** |
| 726 | Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632) |
| 727 | Sawing machine operators (7433, 7633) |
| 728 | Shaping and joining machine operators (7435, 7635) |
| 729 | Nailing and tacking machine operators (7636) |
| 733 | Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639) |
|  | **Printing Machine Operators** |
| 734 | Printing press operators (7443, 7643) |
| 735 | Photoengravers and lithographers (6842, 7444, 7644) |
| 736 | Typesetters and compositors (6841, 7642) |
| 737 | Miscellaneous printing machine operators (6849, 7449, 7649) |
|  | **Textile, Apparel, and Furnishings Machine Operators** |
| 738 | Winding and twisting machine operators (7451, 7651) |
| 739 | Knitting, looping, taping, and weaving machine operators (7452, 7652) |
| 743 | Textile cutting machine operators (7654) |
| 744 | Textile sewing machine operators (7655) |
| 745 | Shoe machine operators (7656) |
| 747 | Pressing machine operators (7657) |
| 748 | Laundering and dry cleaning machine operators (6855, 7658) |
| 749 | Miscellaneous textile machine operators (7459, 7659) |
|  | **Machine Operators, Assorted Materials** |
| 753 | Cementing and gluing machine operators (7661) |
| 754 | Packaging and filling machine operators (7462, 7662) |
| 755 | Extruding and forming machine operators (7463, 7663) |
| 756 | Mixing and blending machine operators (7664) |
| 757 | Separating, filtering, and clarifying machine operators (7476, 7666, 7676) |
| 758 | Compressing and compacting machine operators (7467, 7667) |
| 759 | Painting and paint spraying machine operators (7669) |
| 763 | Roasting and baking machine operators, food (7472, 7672) |
| 764 | Washing, cleaning, and pickling machine operators (7673) |
| 765 | Folding machine operators (7474, 7674) |
| **1990 Occupation Code** | **Occupation Category** |
|  | **MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS, Machine Operators, Assorted Materials, cont.** |
| 766 | Furnace, kiln, and oven operators, except food (7675) |
| 768 | Crushing and grinding machine operators (part 7477, part 7677) |
| 769 | Slicing and cutting machine operators (7478, 7678) |
| 773 | Motion picture projectionists (part 7479) |
| 774 | Photographic process machine operators (6863, 6868, 7671) |
| 777 | Miscellaneous machine operators, n.e.c. (part 7479, 7665, 7679) |
| 779 | Machine operators, not specified |
|  | **Fabricators, Assemblers, and Hand Working Occupations** |
| 783 | Welders and cutters (7332, 7532, 7714) |
| 784 | Solderers and brazers (7333, 7533, 7717) |
| 785 | Assemblers (772, 774) |
| 786 | Hand cutting and trimming occupations (7753) |
| 787 | Hand molding, casting, and forming occupations (7754, 7755) |
| 789 | Hand painting, coating, and decorating occupations (7756) |
| 793 | Hand engraving and printing occupations (7757) |
| 795 | Miscellaneous hand working occupations (7758, 7759) |
|  | **Production Inspectors, Testers, Samplers, and Weighers** |
| 796 | Production inspectors, checkers, and examiners (782, 787) |
| 797 | Production testers (783) |
| 798 | Production samplers and weighers (784) |
| 799 | Graders and sorters, except agricultural (785) |
|  | **TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS** |
|  | **Motor Vehicle Operators** |
| 803 | Supervisors, motor vehicle operators (8111) |
| 804 | Truck drivers (8212-8214) |
| 806 | Driver-sales workers (8218) |
| 808 | Bus drivers (8215) |
| 809 | Taxicab drivers and chauffeurs (8216) |
| 813 | Parking lot attendants (874) |
| 814 | Motor transportation occupations, n.e.c. (8219) |
|  | **Transportation Occupations, Except Motor Vehicles** |
|  | **Rail Transportation Occupations** |
| 823 | Railroad conductors and yardmasters (8113) |
| 824 | Locomotive operating occupations (8232) |
| 825 | Railroad brake, signal, and switch operators (8233) |
| 826 | Rail vehicle operators, n.e.c. (8239) |
|  | **Water Transportation Occupations** |
| 828 | Ship captains and mates, except fishing boats (part 8241, 8242) |
| 829 | Sailors and deckhands (8243) |
| **1990 Occupation Code** | **Occupation Category** |
|  | **TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS, Water Transportation Occupations, cont.** |
| 833 | Marine engineers (8244) |
| 834 | Bridge, lock, and lighthouse tenders (8245) |
|  | **Material Moving Equipment Operators** |
| 843 | Supervisors, material moving equipment operators (812) |
| 844 | Operating engineers (8312) |
| 845 | Longshore equipment operators (8313) |
| 848 | Hoist and winch operators (8314) |
| 849 | Crane and tower operators (8315) |
| 853 | Excavating and loading machine operators (8316) |
| 855 | Grader, dozer, and scraper operators (8317) |
| 856 | Industrial truck and tractor equipment operators (8318) |
| 859 | Miscellaneous material moving equipment operators (8319) |
|  | **HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS** |
| 864 | Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85) |
| 865 | Helpers, mechanics, and repairers (863) |
|  | **Helpers, Construction, and Extractive Occupations** |
| 866 | Helpers, construction trades (8641-8645, 8648) |
| 867 | Helpers, surveyor (8646) |
| 868 | Helpers, extractive occupations (865) |
| 869 | Construction laborers (871) |
| 874 | Production helpers (861, 862) |
|  | **Freight, Stock, and Material Handlers** |
| 875 | Garbage collectors (8722) |
| 876 | Stevedores (8723) |
| 877 | Stock handlers and baggers (8724) |
| 878 | Machine feeders and offbearers (8725) |
| 883 | Freight, stock, and material handlers, n.e.c. (8726) |
| 885 | Garage and service station related occupations (873) |
| 887 | Vehicle washers and equipment cleaners (875) |
| 888 | Hand packers and packagers (8761) |
| 889 | Laborers, except construction (8769) |
|  |  |
| 905 | Assigned to persons whose current labor force status is unemployed and whose last job was Armed Forces |

**Appendix H**

**2000 OCCUPATIONAL CLASSIFICATION SYSTEM**

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|  |  |
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| **2000 Occupation Code** | **Occupation Category** |
| 0010 | Chief Executives |
| 0020 | General and Operations Managers |
| 0030 | Legislators |
| 0040 | Advertising and Promotions Managers |
| 0050 | Marketing and Sales Managers |
| 0060 | Public Relations Managers |
| 0010 | Administrative Services Managers |
| 0110 | Computer and Information Systems Managers |
| 0210 | Financial Managers |
| 0310 | Human Resources Managers |
| 0410 | Industrial Production Managers |
| 0510 | Purchasing Managers |
| 0610 | Transportation, Storage, and Distribution Managers |
| 0200 | Farm, Ranch, and Other Agricultural Managers |
| 0210 | Farmers and Ranchers |
| 0220 | Construction Managers |
| 0230 | Education Administrators |
| 0300 | Engineering Managers |
| 0310 | Food Service Managers |
| 0320 | Funeral Directors |
| 0330 | Gaming Managers |
| 0340 | Lodging Managers |
| 0350 | Medical and Health Services Managers |
| 0360 | Natural Sciences Managers |
| 0400 | Postmasters and Mail Superintendents |
| 0410 | Property, Real Estate, and Community Association Managers |
| 0420 | Social and Community Service Managers |
| 0430 | Managers, All Other |
| 0500 | Agents and Business Managers of Artists, Performers, and Athletes |
| 0510 | Purchasing Agents and Buyers, Farm Products |
| 0520 | Wholesale and Retail Buyers, Except Farm Products |

|  |  |
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| **2000 Occupation Code** | **Occupation Category** |
| 0530 | Purchasing Agents, Except Wholesale, Retail, and Farm Products |
| 0540 | Claims Adjusters, Appraisers, Examiners, and Investigators |
| 0560 | Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation |
| 0600 | Cost Estimators |
| 0620 | Human Resources, Training, and Labor Relations Specialists |
| 0700 | Logisticians |
| 0710 | Management Analysts |
| 0720 | Meeting and Convention Planners |
| 0730 | Other Business Operations Specialists |
| 0800 | Accountants and Auditors |
| 0810 | Appraisers and Assessors of Real Estate |
| 0820 | Budget Analysts |
| 0830 | Credit Analysts |
| 0840 | Financial Analysts |
| 0850 | Personal Financial Advisors |
| 0860 | Insurance Underwriters |
| 0900 | Financial Examiners |
| 0910 | Loan Counselors and Officers |
| 0930 | Tax Examiners, Collectors, and Revenue Agents |
| 0940 | Tax Preparers |
| 0950 | Financial Specialists, All Other |
| 1000 | Computer Scientists and Systems Analysts |
| 1010 | Computer Programmers |
| 1020 | Computer Software Engineers |
| 1040 | Computer Support Specialists |
| 1060 | Database Administrators |
| 1100 | Network and Computer Systems Administrators |
| 1110 | Network Systems and Data Communications Analysts |
| 1200 | Actuaries |
| 1210 | Mathematicians |
| 1220 | Operations Research Analysts |
| 1230 | Statisticians |
| 1240 | Miscellaneous Mathematical Occupations |
| 1300 | Architects, Except Naval |
| 1310 | Surveyors, Cartographers, and Photogrammetrists |
| **2000 Occupation Code** | **Occupation Category** |
| 1320 | Aerospace Engineers |
| 1330 | Agricultural Engineers |
| 1340 | Biomedical Engineers |
| 1350 | Chemical Engineers |
| 1360 | Civil Engineers |
| 1400 | Computer Hardware Engineers |
| 1410 | Electrical and Electronics Engineers |
| 1420 | Environmental Engineers |
| 1430 | Industrial Engineers, Including Health and Safety |
| 1440 | Marine Engineers and Naval Architects |
| 1450 | Materials Engineers |
| 1460 | Mechanical Engineers |
| 1500 | Mining and Geological Engineers, Including Mining Safety Engineers |
| 1510 | Nuclear Engineers |
| 1520 | Petroleum Engineers |
| 1530 | Engineers, All Other |
| 1540 | Drafters |
| 1550 | Engineering Technicians, Except Drafters |
| 1560 | Surveying and Mapping Technicians |
| 1600 | Agricultural and Food Scientists |
| 1610 | Biological Scientists |
| 1640 | Conservation Scientists and Foresters |
| 1650 | Medical Scientists |
| 1700 | Astronomers and Physicists |
| 1710 | Atmospheric and Space Scientists |
| 1720 | Chemists and Materials Scientists |
| 1740 | Environmental Scientists and Geoscientists |
| 1760 | Physical Scientists, All Other |
| 1800 | Economists |
| 1810 | Market and Survey Researchers |
| 1820 | Psychologists |
| 1830 | Sociologists |
| 1840 | Urban and Regional Planners |
| 1860 | Miscellaneous Social Scientists and Related Workers |
| 1900 | Agricultural and Food Science Technicians |
| **2000 Occupation Code** | **Occupation Category** |
| 1910 | Biological Technicians |
| 1920 | Chemical Technicians |
| 1930 | Geological and Petroleum Technicians |
| 1940 | Nuclear Technicians |
| 1960 | Other Life, Physical, and Social Science Technicians |
| 2000 | Counselors |
| 2010 | Social Workers |
| 2020 | Miscellaneous Community and Social Service Specialists |
| 2040 | Clergy |
| 2050 | Directors, Religious Activities and Education |
| 2060 | Religious Workers, All Other |
| 2100 | Lawyers |
| 2110 | Judges, Magistrates, and Other Judicial Workers |
| 2140 | Paralegals and Legal Assistants |
| 2150 | Miscellaneous Legal Support Workers |
| 2200 | Postsecondary Teachers |
| 2300 | Preschool and Kindergarten Teachers |
| 2310 | Elementary and Middle School Teachers |
| 2320 | Secondary School Teachers |
| 2330 | Special Education Teachers |
| 2340 | Other Teachers and Instructors |
| 2400 | Archivists, Curators, and Museum Technicians |
| 2430 | Librarians |
| 2440 | Library Technicians |
| 2540 | Teacher Assistants |
| 2550 | Other Education, Training, and Library Workers |
| 2600 | Artists and Related Workers |
| 2630 | Designers |
| 2700 | Actors |
| 2710 | Producers and Directors |
| 2720 | Athletes, Coaches, Umpires, and Related Workers |
| 2740 | Dancers and Choreographers |
| 2750 | Musicians, Singers, and Related Workers |
| 2760 | Entertainers and Performers, Sports and Related Workers, All Other |
| 2800 | Announcers |
| **2000 Occupation Code** | **Occupation Category** |
| 2810 | News Analysts, Reporters and Correspondents |
| 2820 | Public Relations Specialists |
| 2830 | Editors |
| 2840 | Technical Writers |
| 2850 | Writers and Authors |
| 2860 | Miscellaneous Media and Communication Workers |
| 2900 | Broadcast and Sound Engineering Technicians and Radio Operators |
| 2910 | Photographers |
| 2920 | Television, Video, and Motion Picture Camera Operators and Editors |
| 2960 | Media and Communication Equipment Workers, All Other |
| 3000 | Chiropractors |
| 3010 | Dentists |
| 3030 | Dietitians and Nutritionists |
| 3040 | Optometrists |
| 3050 | Pharmacists |
| 3060 | Physicians and Surgeons |
| 3110 | Physician Assistants |
| 3120 | Podiatrists |
| 3130 | Registered Nurses |
| 3140 | Audiologists |
| 3150 | Occupational Therapists |
| 3160 | Physical Therapists |
| 3200 | Radiation Therapists |
| 3210 | Recreational Therapists |
| 3220 | Respiratory Therapists |
| 3230 | Speech-Language Pathologists |
| 3240 | Therapists, All Other |
| 3250 | Veterinarians |
| 3260 | Health Diagnosing and Treating Practitioners, All Other |
| 3300 | Clinical Laboratory Technologists and Technicians |
| 3310 | Dental Hygienists |
| 3320 | Diagnostic Related Technologists and Technicians |
| 3400 | Emergency Medical Technicians and Paramedics |
| 3410 | Health Diagnosing and Treating Practitioner Support Technicians |
| 3500 | Licensed Practical and Licensed Vocational Nurses |
| **2000 Occupation Code** | **Occupation Category** |
| 3510 | Medical Records and Health Information Technicians |
| 3520 | Opticians, Dispensing |
| 3530 | Miscellaneous Health Technologists and Technicians |
| 3540 | Other Healthcare Practitioners and Technical Occupations |
| 3600 | Nursing, Psychiatric, and Home Health Aides |
| 3610 | Occupational Therapist Assistants and Aides |
| 3620 | Physical Therapist Assistants and Aides |
| 3630 | Massage Therapists |
| 3640 | Dental Assistants |
| 3650 | Medical Assistants and Other Healthcare Support Occupations |
| 3700 | First-Line Supervisors/Managers of Correctional Officers |
| 3710 | First-Line Supervisors/Managers of Police and Detectives |
| 3720 | First-Line Supervisors/Managers of Fire Fighting and Prevention Workers |
| 3730 | Supervisors, Protective Service Workers, All Other |
| 3740 | Fire Fighters |
| 3750 | Fire Inspectors |
| 3800 | Bailiffs, Correctional Officers, and Jailers |
| 3820 | Detectives and Criminal Investigators |
| 3830 | Fish and Game Wardens |
| 3840 | Parking Enforcement Workers |
| 3850 | Police and Sheriff's Patrol Officers |
| 3860 | Transit and Railroad Police |
| 3900 | Animal Control Workers |
| 3910 | Private Detectives and Investigators |
| 3920 | Security Guards and Gaming Surveillance Officers |
| 3940 | Crossing Guards |
| 3950 | Lifeguards and Other Protective Service Workers |
| 4000 | Chefs and Head Cooks |
| 4010 | First-Line Supervisors/Managers of Food Preparation and Serving Workers |
| 4020 | Cooks |
| 4030 | Food Preparation Workers |
| 4040 | Bartenders |
| 4050 | Combined Food Preparation and Serving Workers, Including Fast Food |
| 4060 | Counter Attendants, Cafeteria, Food Concession, and Coffee Shop |
| 4110 | Waiters and Waitresses |
| **2000 Occupation Code** | **Occupation Category** |
| 4120 | Food Servers, Nonrestaurant |
| 4130 | Dining Room and Cafeteria Attendants and Bartender Helpers |
| 4140 | Dishwashers |
| 4150 | Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop |
| 4160 | Food Preparation and Serving Related Workers, All Other |
| 4200 | First-Line Supervisors/Managers of Housekeeping and Janitorial Workers |
| 4210 | First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers |
| 4220 | Janitors and Building Cleaners |
| 4230 | Maids and Housekeeping Cleaners |
| 4240 | Pest Control Workers |
| 4250 | Grounds Maintenance Workers |
| 4300 | First-Line Supervisors/Managers of Gaming Workers |
| 4320 | First-Line Supervisors/Managers of Personal Service Workers |
| 4340 | Animal Trainers |
| 4350 | Nonfarm Animal Caretakers |
| 4400 | Gaming Services Workers |
| 4410 | Motion Picture Projectionists |
| 4420 | Ushers, Lobby Attendants, and Ticket Takers |
| 4430 | Miscellaneous Entertainment Attendants and Related Workers |
| 4460 | Funeral Service Workers |
| 4500 | Barbers |
| 4510 | Hairdressers, Hairstylists, and Cosmetologists |
| 4520 | Miscellaneous Personal Appearance Workers |
| 4530 | Baggage Porters, Bellhops, and Concierges |
| 4540 | Tour and Travel Guides |
| 4550 | Transportation Attendants |
| 4600 | Child Care Workers |
| 4610 | Personal and Home Care Aides |
| 4620 | Recreation and Fitness Workers |
| 4640 | Residential Advisors |
| 4650 | Personal Care and Service Workers, All Other |
| 4700 | First-Line Supervisors/Managers of Retail Sales Workers |
| 4710 | First-Line Supervisors/Managers of Non-Retail Sales Workers |
| 4720 | Cashiers |
| 4740 | Counter and Rental Clerks |
| **2000 Occupation Code** | **Occupation Category** |
| 4750 | Parts Salespersons |
| 4760 | Retail Salespersons |
| 4800 | Advertising Sales Agents |
| 4810 | Insurance Sales Agents |
| 4820 | Securities, Commodities, and Financial Services Sales Agents |
| 4830 | Travel Agents |
| 4840 | Sales Representatives, Services, All Other |
| 4850 | Sales Representatives, Wholesale and Manufacturing |
| 4900 | Models, Demonstrators, and Product Promoters |
| 4920 | Real Estate Brokers and Sales Agents |
| 4930 | Sales Engineers |
| 4940 | Telemarketers |
| 4950 | Door-To-Door Sales Workers, News and Street Vendors, and Related Workers |
| 4960 | Sales and Related Workers, All Other |
| 5000 | First-Line Supervisors/Managers of Office and Administrative Support Workers |
| 5010 | Switchboard Operators, Including Answering Service |
| 5020 | Telephone Operators |
| 5030 | Communications Equipment Operators, All Other |
| 5100 | Bill and Account Collectors |
| 5110 | Billing and Posting Clerks and Machine Operators |
| 5120 | Bookkeeping, Accounting, and Auditing Clerks |
| 5130 | Gaming Cage Workers |
| 5140 | Payroll and Timekeeping Clerks |
| 5150 | Procurement Clerks |
| 5160 | Tellers |
| 5200 | Brokerage Clerks |
| 5210 | Correspondence Clerks |
| 5220 | Court, Municipal, and License Clerks |
| 5230 | Credit Authorizers, Checkers, and Clerks |
| 5240 | Customer Service Representatives |
| 5250 | Eligibility Interviewers, Government Programs |
| 5260 | File Clerks |
| 5300 | Hotel, Motel, and Resort Desk Clerks |
| 5310 | Interviewers, Except Eligibility and Loan |
| 5320 | Library Assistants, Clerical |
| **2000 Occupation Code** | **Occupation Category** |
| 5330 | Loan Interviewers and Clerks |
| 5340 | New Accounts Clerks |
| 5350 | Order Clerks |
| 5360 | Human Resources Assistants, Except Payroll and Timekeeping |
| 5400 | Receptionists and Information Clerks |
| 5410 | Reservation and Transportation Ticket Agents and Travel Clerks |
| 5420 | Information and Record Clerks, All Other |
| 5500 | Cargo and Freight Agents |
| 5510 | Couriers and Messengers |
| 5520 | Dispatchers |
| 5530 | Meter Readers, Utilities |
| 5540 | Postal Service Clerks |
| 5550 | Postal Service Mail Carriers |
| 5560 | Postal Service Mail Sorters, Processors, and Processing Machine Operators |
| 5600 | Production, Planning, and Expediting Clerks |
| 5610 | Shipping, Receiving, and Traffic Clerks |
| 5620 | Stock Clerks and Order Fillers |
| 5630 | Weighers, Measurers, Checkers, and Samplers, Recordkeeping |
| 5700 | Secretaries and Administrative Assistants |
| 5800 | Computer Operators |
| 5810 | Data Entry Keyers |
| 5820 | Word Processors and Typists |
| 5830 | Desktop Publishers |
| 5840 | Insurance Claims and Policy Processing Clerks |
| 5850 | Mail Clerks and Mail Machine Operators, Except Postal Service |
| 5860 | Office Clerks, General |
| 5900 | Office Machine Operators, Except Computer |
| 5910 | Proofreaders and Copy Markers |
| 5920 | Statistical Assistants |
| 5930 | Office and Administrative Support Workers, All Other |
| 6000 | First-Line Supervisors/Managers/Contractors of Farming, Fishing, and Forestry Workers |
| 6010 | Agricultural Inspectors |
| 6020 | Animal Breeders |
| 6040 | Graders and Sorters, Agricultural Products |
| 6050 | Other Agricultural Workers |
| **2000 Occupation Code** | **Occupation Category** |
| 6100 | Fishers and Related Fishing Workers |
| 6110 | Hunters and Trappers |
| 6120 | Forest and Conservation Workers |
| 6130 | Logging Workers |
| 6200 | First-Line Supervisors/Managers of Construction Trades and Extraction Workers |
| 6210 | Boilermakers |
| 6220 | Brickmasons, Blockmasons, and Stonemasons |
| 6230 | Carpenters |
| 6240 | Carpet, Floor, and Tile Installers and Finishers |
| 6250 | Cement Masons, Concrete Finishers, and Terrazzo Workers |
| 6260 | Construction Laborers |
| 6300 | Paving, Surfacing, and Tamping Equipment Operators |
| 6310 | Pile-Driver Operators |
| 6320 | Operating Engineers and Other Construction Equipment Operators |
| 6330 | Drywall Installers, Ceiling Tile Installers, and Tapers |
| 6350 | Electricians |
| 6360 | Glaziers |
| 6400 | Insulation Workers |
| 6420 | Painters, Construction and Maintenance |
| 6430 | Paperhangers |
| 6440 | Pipelayers, Plumbers, Pipefitters, and Steamfitters |
| 6460 | Plasterers and Stucco Masons |
| 6500 | Reinforcing Iron and Rebar Workers |
| 6510 | Roofers |
| 6520 | Sheet Metal Workers |
| 6530 | Structural Iron and Steel Workers |
| 6600 | Helpers, Construction Trades |
| 6660 | Construction and Building Inspectors |
| 6700 | Elevator Installers and Repairers |
| 6710 | Fence Erectors |
| 6720 | Hazardous Materials Removal Workers |
| 6730 | Highway Maintenance Workers |
| 6740 | Rail-Track Laying and Maintenance Equipment Operators |
| 6750 | Septic Tank Servicers and Sewer Pipe Cleaners |
| 6760 | Miscellaneous Construction and Related Workers |
| **2000 Occupation Code** | **Occupation Category** |
| 6800 | Derrick, Rotary Drill, and Service Unit Operators, Oil, Gas, and Mining |
| 6820 | Earth Drillers, Except Oil and Gas |
| 6830 | Explosives Workers, Ordnance Handling Experts, and Blasters |
| 6840 | Mining Machine Operators |
| 6910 | Roof Bolters, Mining |
| 6920 | Roustabouts, Oil and Gas |
| 6930 | Helpers--Extraction Workers |
| 6940 | Other Extraction Workers |
| 7000 | First-Line Supervisors/Managers of Mechanics, Installers, and Repairers |
| 7010 | Computer, Automated Teller, and Office Machine Repairers |
| 7020 | Radio and Telecommunications Equipment Installers and Repairers |
| 7030 | Avionics Technicians |
| 7040 | Electric Motor, Power Tool, and Related Repairers |
| 7050 | Electrical and Electronics Installers and Repairers, Transportation Equipment |
| 7100 | Electrical and Electronics Repairers, Industrial and Utility |
| 7110 | Electronic Equipment Installers and Repairers, Motor Vehicles |
| 7120 | Electronic Home Entertainment Equipment Installers and Repairers |
| 7130 | Security and Fire Alarm Systems Installers |
| 7140 | Aircraft Mechanics and Service Technicians |
| 7150 | Automotive Body and Related Repairers |
| 7160 | Automotive Glass Installers and Repairers |
| 7200 | Automotive Service Technicians and Mechanics |
| 7210 | Bus and Truck Mechanics and Diesel Engine Specialists |
| 7220 | Heavy Vehicle and Mobile Equipment Service Technicians and Mechanics |
| 7240 | Small Engine Mechanics |
| 7260 | Miscellaneous Vehicle and Mobile Equipment Mechanics, Installers, and Repairers |
| 7300 | Control and Valve Installers and Repairers |
| 7310 | Heating, Air Conditioning, and Refrigeration Mechanics and Installers |
| 7320 | Home Appliance Repairers |
| 7330 | Industrial and Refractory Machinery Mechanics |
| 7340 | Maintenance and Repair Workers, General |
| 7350 | Maintenance Workers, Machinery |
| 7360 | Millwrights |
| 7410 | Electrical Power-Line Installers and Repairers |
| 7420 | Telecommunications Line Installers and Repairers |
| **2000 Occupation Code** | **Occupation Category** |
| 7430 | Precision Instrument and Equipment Repairers |
| 7510 | Coin, Vending, and Amusement Machine Servicers and Repairers |
| 7520 | Commercial Divers |
| 7540 | Locksmiths and Safe Repairers |
| 7550 | Manufactured Building and Mobile Home Installers |
| 7560 | Riggers |
| 7600 | Signal and Track Switch Repairers |
| 7610 | Helpers--Installation, Maintenance, and Repair Workers |
| 7620 | Other Installation, Maintenance, and Repair Workers |
| 7700 | First-Line Supervisors/Managers of Production and Operating Workers |
| 7710 | Aircraft Structure, Surfaces, Rigging, and Systems Assemblers |
| 7720 | Electrical, Electronics, and Electromechanical Assemblers |
| 7730 | Engine and Other Machine Assemblers |
| 7740 | Structural Metal Fabricators and Fitters |
| 7750 | Miscellaneous Assemblers and Fabricators |
| 7800 | Bakers |
| 7810 | Butchers and Other Meat, Poultry, and Fish Processing Workers |
| 7830 | Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders |
| 7840 | Food Batchmakers |
| 7850 | Food Cooking Machine Operators and Tenders |
| 7900 | Computer Control Programmers and Operators |
| 7920 | Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic |
| 7930 | Forging Machine Setters, Operators, and Tenders, Metal and Plastic |
| 7940 | Rolling Machine Setters, Operators, and Tenders, Metal and Plastic |
| 7950 | Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic |
| 7960 | Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic |
| 8000 | Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic |
| 8010 | Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic |
| 8020 | Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic |
| 8030 | Machinists |
| 8040 | Metal Furnace and Kiln Operators and Tenders |
| 8060 | Model Makers and Patternmakers, Metal and Plastic |
| **2000 Occupation Code** | **Occupation Category** |
| 8100 | Molders and Molding Machine Setters, Operators, and Tenders, Metal and Plastic |
| 8120 | Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic |
| 8130 | Tool and Die Makers |
| 8140 | Welding, Soldering, and Brazing Workers |
| 8150 | Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic |
| 8160 | Lay-Out Workers, Metal and Plastic |
| 8200 | Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic |
| 8210 | Tool Grinders, Filers, and Sharpeners |
| 8220 | Metalworkers and Plastic Workers, All Other |
| 8230 | Bookbinders and Bindery Workers |
| 8240 | Job Printers |
| 8250 | Prepress Technicians and Workers |
| 8260 | Printing Machine Operators |
| 8300 | Laundry and Dry-Cleaning Workers |
| 8310 | Pressers, Textile, Garment, and Related Materials |
| 8320 | Sewing Machine Operators |
| 8330 | Shoe and Leather Workers and Repairers |
| 8340 | Shoe Machine Operators and Tenders |
| 8350 | Tailors, Dressmakers, and Sewers |
| 8360 | Textile Bleaching and Dyeing Machine Operators and Tenders |
| 8400 | Textile Cutting Machine Setters, Operators, and Tenders |
| 8410 | Textile Knitting and Weaving Machine Setters, Operators, and Tenders |
| 8420 | Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders |
| 8430 | Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers |
| 8440 | Fabric and Apparel Patternmakers |
| 8450 | Upholsterers |
| 8460 | Textile, Apparel, and Furnishings Workers, All Other |
| 8500 | Cabinetmakers and Bench Carpenters |
| 8510 | Furniture Finishers |
| 8520 | Model Makers and Patternmakers, Wood |
| 8530 | Sawing Machine Setters, Operators, and Tenders, Wood |
| 8540 | Woodworking Machine Setters, Operators, and Tenders, Except Sawing |
| 8550 | Woodworkers, All Other |
| **2000 Occupation Code** | **Occupation Category** |
| 8600 | Power Plant Operators, Distributors, and Dispatchers |
| 8610 | Stationary Engineers and Boiler Operators |
| 8620 | Water and Liquid Waste Treatment Plant and System Operators |
| 8630 | Miscellaneous Plant and System Operators |
| 8640 | Chemical Processing Machine Setters, Operators, and Tenders |
| 8650 | Crushing, Grinding, Polishing, Mixing, and Blending Workers |
| 8710 | Cutting Workers |
| 8720 | Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders |
| 8730 | Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders |
| 8740 | Inspectors, Testers, Sorters, Samplers, and Weighers |
| 8750 | Jewelers and Precious Stone and Metal Workers |
| 8760 | Medical, Dental, and Ophthalmic Laboratory Technicians |
| 8800 | Packaging and Filling Machine Operators and Tenders |
| 8810 | Painting Workers |
| 8830 | Photographic Process Workers and Processing Machine Operators |
| 8840 | Semiconductor Processors |
| 8850 | Cementing and Gluing Machine Operators and Tenders |
| 8860 | Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders |
| 8900 | Cooling and Freezing Equipment Operators and Tenders |
| 8910 | Etchers and Engravers |
| 8920 | Molders, Shapers, and Casters, Except Metal and Plastic |
| 8930 | Paper Goods Machine Setters, Operators, and Tenders |
| 8940 | Tire Builders |
| 8950 | Helpers--Production Workers |
| 8960 | Production Workers, All Other |
| 9000 | Supervisors, Transportation and Material Moving Workers |
| 9030 | Aircraft Pilots and Flight Engineers |
| 9040 | Air Traffic Controllers and Airfield Operations Specialists |
| 9110 | Ambulance Drivers and Attendants, Except Emergency Medical Technicians |
| 9120 | Bus Drivers |
| 9130 | Driver/Sales Workers and Truck Drivers |
| 9140 | Taxi Drivers and Chauffeurs |
| 9150 | Motor Vehicle Operators, All Other |
| 9200 | Locomotive Engineers and Operators |
| 9230 | Railroad Brake, Signal, and Switch Operators |
| **2000 Occupation Code** | **Occupation Category** |
| 9240 | Railroad Conductors and Yardmasters |
| 9260 | Subway, Streetcar, and Other Rail Transportation Workers |
| 9300 | Sailors and Marine Oilers |
| 9310 | Ship and Boat Captains and Operators |
| 9330 | Ship Engineers |
| 9340 | Bridge and Lock Tenders |
| 9350 | Parking Lot Attendants |
| 9360 | Service Station Attendants |
| 9410 | Transportation Inspectors |
| 9420 | Other Transportation Workers |
| 9500 | Conveyor Operators and Tenders |
| 9510 | Crane and Tower Operators |
| 9520 | Dredge, Excavating, and Loading Machine Operators |
| 9560 | Hoist and Winch Operators |
| 9600 | Industrial Truck and Tractor Operators |
| 9610 | Cleaners of Vehicles and Equipment |
| 9620 | Laborers and Freight, Stock, and Material Movers, Hand |
| 9630 | Machine Feeders and Offbearers |
| 9640 | Packers and Packagers, Hand |
| 9650 | Pumping Station Operators |
| 9720 | Refuse and Recyclable Material Collectors |
| 9730 | Shuttle Car Operators |
| 9740 | Tank Car, Truck, and Ship Loaders |
| 9750 | Material Moving Workers, All Other |
| 9800 | Military Officer Special and Tactical Operations Leaders/Managers |
| 9810 | First-Line Enlisted Military Supervisors/Managers |
| 9820 | Military Enlisted Tactical Operations and Air/Weapons Specialists and Crew Members |
| 9830 | Military, Rank Not Specified |

**Appendix I**

**NCHS 113 Causes of Death for ICD-9 & ICD-10**

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In 1992 the CDC’s National Center for Health Statistics published a standardized list of 113 selected causes of death, for the general analysis of ICD–10 mortality statistics and for ranking leading causes of death. Source: [www.cdc.gov/nchs/data/nvsr/nvsr49/nvsr49\_11.pdf](file:///C:\Documents%20and%20Settings\Foran%20Family\Desktop\NLMS%20v4\www.cdc.gov\nchs\data\nvsr\nvsr49\nvsr49_11.pdf)

|  |  |
| --- | --- |
| 1 | Salmonella infections |
| 2 | Shigellosis and amebiasis |
| 3 | Certain other intestinal infections |
| 4 | Respiratory tuberculosis |
| 5 | Other tuberculosis |
| 6 | Whooping cough |
| 7 | Scarlet fever and erysipelas |
| 8 | Meningococcal infection |
| 9 | Septicemia |
| 10 | Syphilis |
| 11 | Acute poliomyelitis |
| 12 | Arthropod-borne viral encephalitis |
| 13 | Measles |
| 14 | Viral hepatitis |
| 15 | Human immunodeficiency virus (HIV) disease |
| 16 | Malaria |
| 17 | Other and unspecified infectious and parasitic diseases and their sequelae |
| 18 | Malignant neoplasms of lip, oral cavity and pharynx |
| 19 | Malignant neoplasm of esophagus |
| 20 | Malignant neoplasm of stomach |
| 21 | Malignant neoplasms of colon, rectum and anus |
| 22 | Malignant neoplasms of liver and intrahepatic bile ducts |
| 23 | Malignant neoplasm of pancreas |
| 24 | Malignant neoplasm of larynx |
| 25 | Malignant neoplasms of trachea, bronchus and lung |
| 26 | Malignant melanoma of skin |
| 27 | Malignant neoplasm of breast |
| 28 | Malignant neoplasm of cervix uteri |
| 29 | Malignant neoplasms of corpus uteri and uterus, part unspecified |
| 30 | Malignant neoplasm of ovary |
| 31 | Malignant neoplasm of prostate |
| 32 | Malignant neoplasms of kidney and renal pelvis |
| 33 | Malignant neoplasm of bladder |
| 34 | Malignant neoplasms of meninges, brain and other parts of central nervous system |
| 35 | Hodgkin's disease |
| 36 | Non-Hodgkin's lymphoma |
| 37 | Leukemia |
| 38 | Multiple myeloma and immunoproliferative neoplasms |
| 39 | Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue |
| 40 | All other and unspecified malignant neoplasms |
| 41 | In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior |
| 42 | Anemias |
| 43 | Diabetes mellitus |
| 44 | Malnutrition |
| 45 | Other nutritional deficiencies |
| 46 | Meningitis |
| 47 | Parkinson's disease |
| 48 | Alzheimer's disease |
| 49 | Acute rheumatic fever and chronic rheumatic heart diseases |
| 50 | Hypertensive heart disease |
| 51 | Hypertensive heart and renal disease |
| 52 | Acute myocardial infarction |
| 53 | Other acute ischemic heart diseases |
| 54 | Atherosclerotic cardiovascular disease, so described |
| 55 | All other forms of chronic ischemic heart disease |
| 56 | Acute and subacute endocarditis |
| 57 | Diseases of pericardium and acute myocarditis |
| 58 | Heart failure |
| 59 | All other forms of heart disease |
| 60 | Essential (primary) hypertension and hypertensive renal disease |
| 61 | Cerebrovascular diseases |
| 62 | Atherosclerosis |
| 63 | Aortic aneurysm and dissection |
| 64 | Other diseases of arteries, arterioles and capillaries |
| 65 | Other disorders of circulatory system |
| 66 | Influenza |
| 67 | Pneumonia |
| 68 | Acute bronchitis and bronchiolitis |
| 69 | Unspecified acute lower respiratory infection |
| 70 | Bronchitis, chronic and unspecified |
| 71 | Emphysema |
| 72 | Asthma |
| 73 | Other chronic lower respiratory diseases |
| 74 | Pneumoconioses and chemical effects |
| 75 | Pneumonitis due to solids and liquids |
| 76 | Other diseases of respiratory system |
| 77 | Peptic ulcer |
| 78 | Diseases of appendix |
| 79 | Hernia |
| 80 | Alcoholic liver disease |
| 81 | Other chronic liver disease and cirrhosis |
| 82 | Cholelithiasis and other disorders of gallbladder |
| 83 | Acute and rapidly progressive nephritic and nephrotic syndrome |
| 84 | Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and  renal sclerosis unspecified |
| 85 | Renal failure |
| 86 | Other disorders of kidney |
| 87 | Infections of kidney |
| 88 | Hyperplasia of prostate |
| 89 | Inflammatory diseases of female pelvic organs |
| 90 | Pregnancy with abortive outcome |
| 91 | Other complications of pregnancy, childbirth and the puerperium |
| 92 | Certain conditions originating in the perinatal period |
| 93 | Congenital malformations, deformations and chromosomal abnormalities |
| 94 | Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified |
| 95 | All other diseases (Residual) |
| 96 | Motor vehicle crash |
| 97 | Unintentional injury: Other land transport |
| 98 | Unintentional injury: Water, air and space, and other transport |
| 99 | Falls |
| 100 | Accidental discharge of firearms |
| 101 | Accidental drowning and submersion |
| 102 | Accidental exposure to smoke, fire and flames |
| 103 | Accidental poisoning and exposure to noxious substances |
| 104 | Other and unspecified nontransport accidents and their sequelae |
| 105 | Intentional self-harm (suicide) by discharge of firearms |
| 106 | Intentional self-harm (suicide) by other and unspecified means and their sequelae |
| 107 | Assault (homicide) by discharge of firearms |
| 108 | Assault (homicide) by other and unspecified means and their sequelae |
| 109 | Legal intervention |
| 110 | Discharge of firearms, undetermined intent |
| 111 | Other and unspecified events of undetermined intent and their sequelae |
| 112 | Operations of war and their sequelae |
| 113 | Complications of medical and surgical care |