National Longitudinal Mortality Study

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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, the National Cancer Institute, the National Institute on Aging, the National Center for Health Statistics, and the U.S. Census Bureau 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 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 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	15	NA	1	10			
2	Code for Specific Master File	FILE	17	NA	130	2			
3	Exposure Factor in Years (X 100)	FACTOR	18	NA	30	4			
4	Serial # in CPS/ Control # in Census	SERN	20	NA	180	2			
5	Household ID No.	HHID	21	NA	24	5			
6	SSN Present or Absent on NDI File	SSNYN	22	NA	114	1			
7	Validated SSN	VALIDSSN	23	NA	239	1			
8	Match Key/SSN Collection Month	MATCHKEY	25	NA	156	1			
9	Start Date	START	26	NA	157	10			
	Fail-Edit and Mortality Indicators								
10	Match Status in 1983 Match	IND1	28	NA	69	1			
11	Death Indicator in 1983 Match	IND2	29	NA	70	1			
12	Match Status in 1985 Match	IND185	30	NA	129	1			
13	Death Indicator in 1985 Match	IND285	31	NA	134	1			
14	Death Indicator in 1987 Match	IND287	32	NA	139	1			
15	Death Indicator in 1989 Match	IND289	33	NA	140	1			
16	Death Indicator in 1991 Match	IND291	34	NA	141	1			
17	Death Indicator in 2001 Match	IND201	35	NA	142	1			
18	Death Indicator in 2006 Match	IND206	36	NA	261	1			
19	Death Indicator in 2013 Match	IND213	37	NA	300	1			
20	Alive or Dead in the 2006 Match	LIFE	NA	223	NA	NA			
21	Valid for Analysis as of 2006 Match	VALID	NA	224	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	40	225	34	1	X		
23	State within Division	STATE	42	225	35	1	X		
24	Division-State Concatenated	STATER	NA	226	NA	NA	X		
25	FIPS State Code	FIPSSTATE	NA	231	NA	NA			
26	FIPS County Code	COUNTY	44	NA	15	3			
27	CPS PSU for Surveys/ "DO" for Census	PSU	45	NA	171	5			
28	PSU Type	PSUTYPE	46	NA	240	1			
29	CPS Segment for Surveys/"ED" for Census	SEG	48	NA	176	4			
30	Urban-Rural Status	URB	49	237	11	1	X		
31	SMSA Status	SMSAST	51	237	12	1	X		
32	SMSA Rank	SMSAR	53	237	36	2		X	
33	Urban/Rural Farm/Rural Nonfarm	LAND	55	238	13	1			X
	Age, Birth Information, and Gender								
34	Age in Years at Time of Survey	AGE	57	239	50	2	X		X
35	Century of Birth	CENT	59	NA	52	1			
36	Month of Birth	MOB	60	249	112	2	X	X	
37	Year of Birth	YOB	63	250	53	2		X	
38	Final Sex from Multiple Sources	SEXF	65	251	185	1	X		
39	Date of Birth – from SSA Numident	DOBN	67	NA	272	10			
40	Citizenship Group	CITIZEN	68	251	323	1	X		
41	Place of Birth	POB	69	251	55	2	X		
42	Place of Birth – Final	POBF	71	NA	288	3			
43	Three-Way Classification of POBF	POBFCAT3	73	NA	291	1			
44	Four-Way Classification of POBF	POBFCAT4	74	NA	292	1			
45	Five-Way Classification of POBF	POBFCAT5	75	NA	293	1			
46	Region of Birth	REGIONOB	76	NA	294	1			
47	Region of Birth Isolating the US	REGIONOBG	77	NA	295	1			
48	Region of Birth Isolating Mexico	REGIONOBM	78	NA	296	2			
49	Reg. Birth Iso. Mexico, Splits Europe	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	80	NA	60	1			
51	Race Recode – White/Black/Other	RACER	83	254	61	1	X	X	X
52	Race Expanded w/ American Indian & Asian	RACEX	86	256	132	1	X	X	X
53	Detailed Race 2000 CPS Redesign	RACEPRDT	89	258	321	2	X		
54	Asian or Pacific Islander, 10 categ.	CATIAPI	91	NA	169	2			
55	Hispanic Origin	HISP	93	261	57	1	X		X
56	Ethnic Origin or Descent	ORIGIN	95	263	58	2			X
	Marital Status/ Household Relationship								
57	Marital Status	MS	99	265	64	1			X
58	Relationship to Reference Person	RELTRF	103	267	20	1	X		
59	Relationship to Household Head	RELTHD	105	269	21	1	X		
	Education								
60	Education	EDUC	108	270	66	2			X
	Work Force Variables								
61	Employment Status	ESR	112	273	49	1	X		X
62	Industry Using 1990 Codes	IND1990	114	275	39	3	X	X	
63	Major industry Using 1990 Codes	MAJIND90	116	276	42	2	X		X
64	Industry Using 2007 Codes	IND2007	119	279	324	4	X		
65	Major Industry Using 2007 Codes	MAJIND2007	121	280	328	2	X		
66	Occupation Using 1990 Codes	OCC1990	124	282	44	3	X	X	
67	Major Occupation Using 1990 Codes	MAJOCC90	126	283	47	2	X		X
68	Occupation Using 2000 Codes	OCC2000	129	286	330	4	X		X
69	Major Occupation Using 2000 Codes	MAJOCC2000	131	287	334	2	X	X	
70	Class of Worker	CLASSWKR	133	289	182	2	X		X
71	Class of Worker, Recode	RCOW1	137	292	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	139	294	14	1	X	X	
73	Migration	MIGRAT	141	296	167	2	X		X
	Family Income and Poverty								
74	Adjusted income	FMINC80	146	299	29	1	X		X
75	Family Income in Dollars	FMINCOME	148	NA	104	8			
76	Family Income Category	FMINC90	149	301	143	2	X		
77	Family Income Category	FINC8090	151	302	145	1		X	X
78	Adjusted Income in 1990 Dollars	DOLINC90	153	NA	146	8			
79	Percent of Poverty Level	POVPCT90	154	304	154	2	X		
	Household Characteristics								
80	Number in Household	HHNUM	158	305	22	2	X		
81	Type of Living Quarters	LIVTYP	162	306	18	2		X	X
82	House Owned or Rented	RENTER	165	308	241	1	X		
	Health Insurance and Health Status								
83	Health Insurance Status	HISTATUS	166	NA	186	1			
84	Health Insurance Type	HITYPE	168	NA	187	1			
85	General Health	HEALTH	170	NA	188	2			
	Tobacco-Use Variables								
86	Smoked More Than 100 Cigarettes	SMOK100	171	NA	242	1			
87	Age Started Smoking	AGESMK	172	NA	243	2			
88	Smoking Frequency	SMOKER	176	NA	245	2			
89	Average Cigarettes Daily	AVNMCIGS	177	NA	247	2			
90	Smoking Follow-up Start (File)	SMKFLSTR	180	NA	249	2			
91	Smoking Follow-up Start Date	SMKSTART	183	NA	251	10			
92	Cigarette Smoking Status	SMOKSTAT	185	311	336	2	X	X	
93	Rules for Smoking Cigarettes in the Home	SMOKHOME	186	311	338	2	X	X	
94	Ever Use Smokeless Tobacco	EVERUSE	187	NA	331	5			
95	Current Use Smokeless Tobacco	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	193	NA	84	6			
97	State of Death	SOD	194	NA	81	3			
98	Date of Death	DOD	195	NA	71	6			
99	ICD-9,ICD-10 Underlying Cause of Death	UCAUSE	203	312	77	4	X		
100	First 3 Characters of Underlying Cause	CAUSE3	NA	312	NA	NA			
101	113 Selected Causes of Death	CAUSE113	NA	313	266	4			
102	Hospital Type	HOSP	206	NA	115	1			
103	Did Death Occur in a Hospital	HOSPD	208	NA	116	1			
104	Time from Onset to Cause of Death	INTERV	210	NA	117	1			
	Case Weights								
105	Weight – Race Variable Used	WGT1	213	NA	191	12.5			
106	Weight – Race Used, EOTF Included	WGT2	214	NA	203	12.5			
107	Weight – Race Not Used	WGT3	215	NA	215	12.5			
108	Weight – Race Not Used, EOTF Included	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

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_	March[1]	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_	March[1]	1981	CPS file	(61,804)
820_	March[1]	1982	CPS file	(81,480)
830_	March[1]	1983	CPS file	(81,281)
840_	March[1]	1984	CPS file	(80,732)
850_	March[1]	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)

[1]The 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

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
Return to Extract File Introduction

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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 Return to Index

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 Return to Index

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 Return to Index

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.

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 Return to Index

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.

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 Return to Index

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 Return to Index

EDITS: None

DESCRIPTION: FIPS State Code

(Appears in Analysis File only)

26. FIPS County Code COUNTY

Return to Index

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

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

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

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 Return to Index

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 Return to Index

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 Return to Index

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). 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)
   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)
   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)
```

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)
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)
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 Return to Index

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 Return to Index

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

99 – missing

CODES for files: 0303-1103

blank – missing

CODES for files:	7303[1,2]	7802[1,2]	7903	8008[2]	8012[2]	8014[2]	8024[3]
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	0403-0903[4]	1003	1103[4]
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

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 Return to Index

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 Return to Index

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 Return to Index

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

EDITS: None

DESCRIPTION:

AVAILABLE FILES: All files

40. Citizenship Group CITIZEN

Analysis File Return to Index

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 Return to Index Return to 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

EDITS: None

DESCRIPTION: Place of birth was collected at the time of survey for several of the early NLMS cohorts (see 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 (country name, alphabetical sort order) or 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, POBFCAT4, POBFCAT5, REGIONOB, REGIONOBG, REGIONOBM, and 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 or D-2
901 – 960 US state codes, the last two digits form the FIPS state code, see FIPSSTATE
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

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.

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, POBFCAT5, REGIONOB, REGIONOBG, REGIONOBM, and 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

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.

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, POBFCAT5, REGIONOB, REGIONOBG, REGIONOBM, and 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

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.

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, POBFCAT4, REGIONOB, REGIONOBG, REGIONOBM, and 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

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.

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, POBFCAT4, POBFCAT5, REGIONOBG, REGIONOBM, and 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

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.

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, POBFCAT4, POBFCAT5, REGIONOB, REGIONOBM, and 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

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.

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, POBFCAT4, POBFCAT5, REGIONOB, REGIONOBG, and 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

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.

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, POBFCAT4, POBFCAT5, REGIONOB, REGIONOBG, and 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

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 is the recommended variable. To yield the maximum race group detail (which evolves over time with the availability of underlying data), 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
B – Black
C – Japanese
D – Chinese
E – Filipino
F – Korean
G – Vietnamese
H – American Indian
I – Asian Indian
J – Hawaiian
K – Guamanian
L – Samoan
M – Eskimo
N – Aleutian
O – Other

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 Return to Index Return to 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, 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 Return to Index
Return to 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, 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 Return to Index
Return to RACER
Return to RACEX

EDITS: Simple

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

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 Return to Index

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 Return to Index

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 Return to Index

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 Return to Index

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 Return to Index

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 Return to Index
Return to Analysis File Introduction

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
02 – E2
03 – E3
04 – E4
05 – E5
06 – E6
07 – E7
08 – E8
09 – H1
10 – H2
11 – H3
12 – H4
13 – C1
14 – C2
15 – C3
16 – C4
17 – C5
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 Return to Index

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 Return to Index
Return to IND2007

EDITS: Simple, Invalid Entry

DESCRIPTION: Job specific 1990 industrial classification codes.* Specific codes for industries are given in Appendix 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 Return to Index

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 Return to Index

EDITS: Simple

DESCRIPTION: Job specific codes using the Census 2007 industrial classification codes. Specific industrial codes are given in Appendix 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, 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. 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 Return to Index

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 Return to Index
Return to OCC2000

EDITS: Simple, Invalid Entry

DESCRIPTION: Job specific 1990 occupational classification codes. Specific 1990 occupation codes are given in Appendix 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 Return to Index

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: (cont.)	8503	8509	8603	8703	8803	8903	9003	9103	9203	9303
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 Return to Index

EDITS: Simple, Recode

DESCRIPTION: Job specific using Census Bureau 2000 occupational classification codes. Specific occupational codes are given in Appendix 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, 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. 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
Return to Index

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 Return to Index

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 Return to Index

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 Return to Index

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 Return to Index

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 Return to Index

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

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 Return to Index

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 Return to Index

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

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 Return to Index

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

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 Return to Index

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 Return to Index

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
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
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 Return to Index

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

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

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

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

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

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: (cont.)	8509	9203	9303	9503	9603	9803	9903	0003	0103	0203
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: (cont.)	0303	0403	0503	0603	0703	0803	0903	1003	1103
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

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

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: (cont.)	9203	9303	9503	9603	9803	9903	0003	0103	0203	0303
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: (cont.)	0403	0503	0603	0703	0803	0903	1003	1103
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

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	.	.	.	.	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.	.	.	.	.	.
32	.	.	.	.	.	.	.	.	.	.
33	.	.	.	.	.	.	.	.	.	.
34	.	.	.	.	.	.	.	.	.	.
35	.	.	.	.	.	.	.	.	.	.
36	.	.	.	.	.	.	.	.	.	.
37	.	.	.	.	.	.	.	.	.	.
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	.	.	.	.	.	.	.	.	.
03	.	.	.	.	.	.	.	.	.
04	.	.	.	.	.	.	.	.	.
05	.	.	.	.	.	.	.	.	.
06	.	.	.	.	.	.	.	.	.
07	.	.	.	.	.	.	.	.	.
08	.	.	.	.	.	.	.	.	.
09	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	.	.	.	.
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

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 Return to Index

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
Return to Index

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

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
11112
11121
11122
11211
11212
11221
11222
12111
12112
12121
12122
12211
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

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

11111
11112
11121
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

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

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

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: (cont.)	8303	8403	8503	8509	8603	8703	8803	8903	9003
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: (cont.)	0003	0103	0203	0303	0403	0503	0603	0703	0803
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: (cont.)	8303	8403	8503	8509	8603	8703	8803	8903	9003
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: (cont.)	0003	0103	0203	0303	0403	0503	0603	0703	0803
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 Return to Index

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 Return to Index

EDITS: None

DESCRIPTION: A three-character variable that is an extract of the first three characters of the variable UCAUSE.

(Appears in Analysis file only)

101. 113 Selected Causes of Death CAUSE113

Analysis File Return to Index

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

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

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

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

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

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

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

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

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, FIPSSTATE, CAUSE3, CAUSE113, VALID** and **LIFE**.

Two variables were dropped from this manual: **EDUCC** (grade completed), and **EDUCCOMP** (education incorporating EDUCC), because the recodes incorporate this information. See **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

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

EDITS: None

FAIL-EDIT AND MORTALITY INDICATOR VARIABLES

10. Match Status Indicator IND1

Return to Index

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

EDITS: None

19. Observed Death Indicator (2013 match to NDI) IND213

EDITS: None

20. Alive or Dead in the 2013 Match LIFE

Extract File Return to Index
Return to Analysis File Introduction

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 Return to Index
Return to Analysis File Introduction

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 Return to Index

EDITS: Simple

For files: 7303, 7802, 8014–8012, 8203

0 ==> missing value code

23. State within Division STATE

Extract File

EDITS: Simple

For files: 7303, 7802, 8014–8012, 8203

0 ==> missing value code

24. Division-State Concatenated STATER

Extract File Return to Index
Return to Analysis File Introduction

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.

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
blank	1,032	1,927	.	1,892	63	1,129	218	.	1	.
11	924	585	368	2,360	1,981	2,375	2,374	890	941	1,032
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
blank	.	.	.	.	.	.	.	.	.	.
11	936	828	1,523	454	523	449	557	447	532	441
12	695	606	1,158	359	387	427	370	436	325	379
13	753	601	1,343	453	439	441	442	440	415	420
14	1,869	3,083	5,567	1,763	1,820	1,750	1,461	1,509	1,778	1,619
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

STATER\counts:	9303	9413	9503	9603	9703	9803	9903	0003	0103	0203
blank	.	.	.	.	.	.	.	.	.	.
11	730	918	657	605	646	642	720	610	1,243	1,096
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
blank	22,184	22,047	23,959	6,620	6,764	5,485	5,525	5,539	6,047
11	1,896	1,988	2,229	2,184	2,163	2,099	2,157	2,099	1,933
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 Return to Index
Return to Analysis File Introduction Return to 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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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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00	.	.	.	.	.	.	.	.	.	.
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
blank	22,184	22,047	23,959	6,620	6,764	5,485	5,525	5,539	6,047
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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

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 Return to Index

EDITS: Simple

For file: 8024

3 ==> missing value code

31. SMSA Status SMSAST

Extract File

EDITS: Simple

For files: 7303, 7802, 8014–8103, 8203

0 ==> missing value code

32. SMSA Rank SMSAR

Extract File

EDITS: Invalid Entry

For files: 7303, 8024, 8008, 8103, 8203

0_ ==> 00

33. Urban/Rural Farm/Rural Nonfarm LAND

Extract File Return to Index

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 Return to Index

EDITS: Simple, Recode

For files: 7303–0203

99 ==> missing value code

AVAILABLE FILES: All files

CODES for files:	7303[1,2]	7802[1,2]	7903	8008[2]	8012[2]	8014[2]	8024[3]
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	0403-0903[4]	1003	1103[4]
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

AGE\counts: (cont.)	7303	7802	7903	8014	8024	8008	8012	8103	8203	8303
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
81	292	279	105	524	444	465	474	153	224	209
82	298	290	86	430	390	429	438	162	226	229
83	244	234	101	391	351	374	344	126	174	159
84	225	206	73	352	357	346	318	121	140	149
85	157	176	63	293	297	290	270	104	124	158
86	134	147	54	257	228	238	207	78	100	98
87	114	128	41	221	213	175	198	72	74	88
88	89	104	39	166	163	164	137	50	81	74
89	71	65	21	133	161	144	128	46	64	64
90	46	54	23	123	119	105	86	40	36	62
91	43	37	12	83	104	76	73	21	39	37
92	15	29	14	53	65	58	52	21	34	31
93	18	21	8	34	57	44	32	15	22	34
94	14	18	5	30	47	27	32	7	16	17
95	11	6	6	20	31	21	24	9	10	10
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
99	.	.	.	.	.	.	.	.	.	.
Total	131,213	94,662	43,098	184,871	124,345	182,373	177,765	61,804	81,480	81,281

AGE\counts:	8403	8503	8509	8603	8703	8803	8903	9003	9103	9203
missing	.	.	240	.	.	.	.	.	.	.
0	1,343	1,211	2,157	.	.	.	.	.	.	.
1	1,296	1,202	2,208	.	.	.	.	.	.	.
2	1,315	1,297	2,266	.	.	.	.	.	.	.
3	1,421	1,267	2,308	.	.	.	.	.	.	.
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	.	.	.	.	.	.	.
10	1,135	1,201	2,072	.	.	.	.	.	.	.
11	1,222	1,167	2,028	.	.	.	.	.	.	.
12	1,251	1,168	2,055	.	.	.	.	.	.	.
13	1,353	1,282	2,232	.	.	.	.	.	.	.
14	1,380	1,384	2,281	449	406	.	.	.	331	.
15	1,311	1,336	2,436	776	687	1,061	1,035	1,034	597	926
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
64	652	675	1,316	512	552	500	495	516	528	440
65	683	755	1,392	554	589	557	502	533	546	475

AGE\counts: (cont.)	8403	8503	8509	8603	8703	8803	8903	9003	9103	9203
66	620	633	1,144	502	550	529	438	513	551	478
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
93	20	21	45	21	16	14	13	6	18	8
94	15	19	21	8	15	11	16	9	10	11
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
99	.	.	.	.	.	.	.	.	.	.
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
missing	.	.	.	.	.	.	.	.	.	.
0	601	2,256	1,035	984	968	934	939	984	1,075	1,058
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
62	579	685	598	532	515	509	515	548	580	641
63	551	710	548	475	497	499	484	450	583	597
64	561	741	571	475	469	430	460	446	559	548
65	560	727	581	515	482	490	437	525	580	572

AGE\counts: (cont.)	9303	9413	9503	9603	9703	9803	9903	0003	0103	0203
66	538	682	532	471	499	461	513	441	540	569
67	552	685	539	496	482	502	469	436	508	554
68	549	641	542	470	465	427	473	439	514	474
69	509	595	535	457	426	431	477	454	490	480
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	.
88	95	113	105	81	80	92	80	74	84	.
89	60	83	85	46	63	53	65	82	83	.
90	51	67	69	50	60	58	51	40	68	.
91	31	67	37	37	40	36	39	48	52	.
92	42	46	43	27	32	32	31	31	39	.
93	19	44	25	20	22	23	22	31	30	.
94	13	170	34	13	23	11	11	13	22	.
95	8	17	26	16	12	10	9	5	15	.
96	4	17	8	17	6	8	12	8	12	.
97	2	9	5	2	16	11	3	6	8	.
98	10	18	12	15	9	18	8	4	7	.
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
0	2,021	2,018	2,133	1,967	2,006	1,997	2,018	1,921	1,754
1	2,170	2,096	2,310	2,161	2,092	2,008	2,049	2,065	1,889
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

AGE\counts: (cont.)	0303	0403	0503	0603	0703	0803	0903	1003	1103
67	620	583	678	567	686	687	769	765	757
68	627	624	694	651	654	629	690	649	761
69	566	567	666	577	624	630	639	688	704
70	577	555	610	602	574	588	619	642	644
71	560	578	601	511	548	542	569	586	578
72	572	509	599	542	532	536	565	557	542
73	524	559	563	479	495	482	513	520	519
74	522	491	583	468	493	431	497	485	496
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

EDITS: None

36. Month of Birth MOB

Extract File Return to Index

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 Return to Index

EDITS: Invalid Entry

For files: 7903, 8103–8503

0- ==> missing value code

For file: 7303

(_ , 0_ , 9> ==> missing value code

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 Return to Index

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

EDITS: Simple

For files: 9413-1103

0 ==> missing value code

41. Place of Birth POB

Extract File

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

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

EDITS: None

51. Race Recode—White/Black/Other RACER

Extract File Return to Index

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 Return to Index

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 Return to Index

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

EDITS: None

55. Hispanic Origin HISP

Extract File Return to Index

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 Return to Index

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 Return to Index

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 Return to Index

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 Return to Index

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 Return to Index

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 E1, 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 Return to Index

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 Return to Index

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 Return to Index

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 Return to Index

EDITS: Simple

For files: 0303-1103

0000 ==> missing value code

65. Major Industry Using 2007 Codes MAJIND2007

Extract File Return to Index

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: (cont.)	8403	8503	8509	8603	8703	8803	8903	9003	9103
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 Return to Index

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 Return to Index

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 Return to Index

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
Return to Index

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 Return to Index

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 Return to Index

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 Return to Index

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 Return to Index

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 Return to Index

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

EDITS: None

76. Family Income Category FMINC90

Extract File

EDITS: Simple

For files: 7303–0203

00 ==> missing value code

77. Family Income Category FINC8090

Extract File Return to Index

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

EDITS: None

79. Percent of Poverty Level POVPCT90

Extract File

EDITS: Simple

For files: 7303–0203

00 ==> missing value code

HOUSEHOLD CHARACTERISTIC VARIABLES

80. Number in Household HHNUM

Extract File Return to Index

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 Return to Index

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
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
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 Return to Index

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

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

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 Return to Index

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

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

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

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
Return to Analysis File Introduction

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 Return to Index
Return to Analysis File Introduction

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.

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

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

A. September 1985 Health and Tobacco Use File

B. State Concatenated Codes

C. SMSA Rank

D. United Nations Codes for Countries and Areas

E. 1990 Industrial Classification System

F. 2007 Industrial Classification System

G. 1990 Occupational Classification System

H. 2000 Occupational Classification System

I. CDC 113 Causes of Death from ICD-10

Appendix A
September 1985 Health and Tobacco Use File

Return to Appendix TOC Return to Main TOC Return to Introduction

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+ Did not answer "yes" to question 75	106,693

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+ Did not answer "yes" to question 75	106,693

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, ages 0-15	100,975

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 "Not answered" for question 92	132,730

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, response "Don't know" to question 94	90,607

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 not respond "Yes" or "Not answered" to question 96	133,121

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 not respond "Yes" or "Not answered" to question 96	133,121

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 not respond "Yes" or "Not answered" to question 96	133,121

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 not respond "Yes" or "Not answered" to question 96	133,121

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 not respond "Yes" or "Not answered" to question 96	133,121

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+ with no persons ages 0-19 in household	55,960

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+ with no person ages 0-19 in the household	55,960

Appendix B
STATE CONCATENATED CODES

Return to Appendix TOC Return to Main TOC Return to STATE Return to DIV Return to STATER

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

Return to Appendix TOC Return to Main TOC Return to SMSAR

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

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

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

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

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-	61	Des Moines, IA	94

		Hazleton, PA			
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

Return to Appendix TOC Return to Main TOC Return to POBF

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
558	Nicaragua
562	Niger
566	Nigeria
570	Niue
574	Norfolk Island
580	Northern Mariana Islands
578	Norway
275	Occupied Palestinian Territory
512	Oman
586	Pakistan
585	Palau
591	Panama
598	Papua New Guinea
600	Paraguay
604	Peru
608	Philippines
612	Pitcairn
616	Poland
620	Portugal
630	Puerto Rico
634	Qatar
410	Republic of Korea
498	Republic of Moldova
638	Réunion
642	Romania
643	Russian Federation
646	Rwanda
652	Saint-Barthélemy
654	Saint Helena
659	Saint Kitts and Nevis
662	Saint Lucia
663	Saint-Martin (French part)
666	Saint Pierre and Miquelon
670	Saint Vincent and the Grenadines
882	Samoa
674	San Marino
678	Sao Tome and Principe
680	Sark
682	Saudi Arabia
686	Senegal
688	Serbia
690	Seychelles
694	Sierra Leone
702	Singapore
534	Saint Maarten (Dutch part)
703	Sloovakia
705	Slovenia
90	Solomon Islands
706	Somalia
710	South Africa
728	South Sudan
724	Spain
144	Sri Lanka
729	Sudan
740	Suriname
744	Svalbard and Jan Mayen Islands
748	Swaziland
752	Sweden
756	Switzerland
760	Syrian Arab Republic
762	Tajikistan
764	Thailand
807	The former Yugoslav Rep of Macedonia
626	Timor-Leste
768	Togo
772	Tokelau
776	Tonga
780	Trinidad and Tobago
788	Tunisia
792	Turkey
795	Turkmenistan
796	Turks and Caicos Islands
798	Tuvalu
800	Uganda
804	Ukraine
784	United Arab Emirates
826	UK--Great Britain & Northern Ireland
834	United Republic of Tanzania
840	United States of America
850	United States Virgin Islands
858	Uruguay
860	Uzbekistan
548	Vanuatu
862	Venezuela (Bolivarian Republic of)
704	Viet Nam
876	Wallis and Futuna Islands
732	Western Sahara
887	Yemen
894	Zambia
716	Zimbabwe

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

Return to Appendix TOC Return to Main TOC Return to POBF

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
566	Nigeria
570	Niue
574	Norfolk Island
578	Norway
580	Northern Mariana Islands
583	Micronesia (Federated States of)
584	Marshall Islands
585	Palau
586	Pakistan
591	Panama
598	Papua New Guinea
600	Paraguay
604	Peru
608	Philippines
612	Pitcairn
616	Poland
620	Portugal
624	Guinea-Bissau
626	Timor-Leste
630	Puerto Rico
634	Qatar
638	Réunion
642	Romania
643	Russian Federation
646	Rwanda
652	Saint-Barthélemy
654	Saint Helena
659	Saint Kitts and Nevis
660	Anguilla
662	Saint Lucia
663	Saint-Martin (French part)
666	Saint Pierre and Miquelon
670	Saint Vincent and the Grenadines
674	San Marino
678	Sao Tome and Principe
680	Sark
682	Saudi Arabia
686	Senegal
688	Serbia
690	Seychelles
694	Sierra Leone
702	Singapore
703	Sloovakia
704	Viet Nam
705	Slovenia
706	Somalia
710	South Africa
716	Zimbabwe
724	Spain
728	South Sudan
729	Sudan
732	Western Sahara
740	Suriname
744	Svalbard and Jan Mayen Islands
748	Swaziland
752	Sweden
756	Switzerland
760	Syrian Arab Republic
762	Tajikistan
764	Thailand
768	Togo
772	Tokelau
776	Tonga
780	Trinidad and Tobago
784	United Arab Emirates
788	Tunisia
792	Turkey
795	Turkmenistan
796	Turks and Caicos Islands
798	Tuvalu
800	Uganda
804	Ukraine
807	The former Yugoslav Rep of Macedonia
818	Egypt
826	UK--Great Britain & Northern Ireland
830	Channel Islands
831	Guernsey
832	Jersey
833	Isle of Man
834	United Republic of Tanzania
840	United States of America
850	United States Virgin Islands
854	Burkina Faso
858	Uruguay
860	Uzbekistan
862	Venezuela (Bolivarian Republic of)
876	Wallis and Futuna Islands
882	Samoa
887	Yemen
894	Zambia

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

Return to Appendix TOC Return to Main TOC Return to IND1990

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

Return to Appendix TOC Return to Main TOC Return to IND

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

Return to Appendix TOC Return to Main TOC Return to OCC1990

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

Return to Appendix TOC Return to Main TOC Return to OCC2000

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

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 Category**

Occupation Code	
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	**Occupation Category**

Code	
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	**Occupation Category**

Code	
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

Return to Appendix TOC Return to Main TOC Return to CAUSE113

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

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