

1989

NATIONAL HEALTH INTERVIEW SURVEY (NHIS)

PUBLIC USE CORE FILE LAYOUTS

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GUIDELINES

With the goal of mutual benefit, NCHS requests that recipients of data tapes cooperate in certain actions related to their use.

Any published material derived from the data should acknowledge the National Center for Health Statistics (NCHS) as the original source. The suggested citation, "Source: National Center for Health Statistics, National Health Interview Survey, 1989," should appear at the bottom of all tables. When cited in a bibliography, the suggested citation should read:

National Center for Health Statistics (1990). Public Use Data Tape Documentation, Part I, National Health Interview Survey, 1989 (Machine readable data file and documentation). National Center for Health Statistics, Hyattsville, MD. (Producer). National Technical Information Service, U.S. Department of Commerce, Springfield, VA. 22161 (Distributor)

It should also include a disclaimer that credits any analyses, interpretations, or conclusions reached to the author (recipient of the tape) and not to NCHS, which is responsible only for the initial data. Consumers who wish to publish a technical description of the data should make a reasonable effort to insure that the description is not inconsistent with that published by NCHS.

Tape formats, diagnostic recodes, and guidance on weighting and procedures for deriving estimates from National Health Interview Survey data tapes are included in this volume. Detailed technical information is also contained in the following publications and documents which accompany the NHIS Public Use Data Tape Package. Additional copies of the documentation may be purchased from the National Technical Information Service.

Field Representative's Manual, 1989. Part II, Public Use Data Tape Documentation.

Medical Coding Manual and Short Index, 1989. Part III, Public Use Data Tape Documentation.

Kovar MG, Poe GS. The National Health Interview Survey Design, 1973-84, and Procedures, 1975-83. National Center for Health Statistics. Vital Health Stat 1(18). 1985.

Massey JT, Moore TF, Parsons VL, Tadros W. Design and Estimation for the National Health Interview Survey, 1985-94. National Center for Health Statistics. Vital Health Stat 2(110). 1989.

Adams PF, Benson V. Current Estimates from the National Health Interview Survey, 1989. National Center for Health Statistics. Vital Health Stat 10(176). 1990.

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PREFACE

The basic NHIS tape files are created and maintained by Record Type. The contents of these tape files are presented in the Outline of Items and Codes for each record type. Note that Household items in tape locations 3-24, 178 and 182-186 are repeated in all records associated with a household; Person items in tape locations 25-92 are repeated in all records associated with a person.

Users of the tape files should take note of the following tape characteristics:

1. Type of Record (Tape Locations 1-2)

- 10 = Household Record - The Household file contains one household record for each interviewed household and each Type A non-interviewed household (see Household locations 28-29).
- 20 = Person Record - The Person file contains one person record for each person for whom information was obtained in an interviewed household.
- 30 = Condition Record - The Condition file contains one condition record for each reported condition.
- 40 = Doctor Visit Record - The Doctor Visit file contains one record for each reported two-week doctor visit (includes telephone calls).
- 50 = Hospital Record - The Hospital file contains one record for each reported hospitalization (twelve-month recall).

2. File Sequence

Each file is in sequence by the following identifying items:

Item	Tape Locations
Quarter	5
PSU - Random recode	6-8
Week - Census code	9-10
Segment	11-12
Household Number	13-14
Person Number (Blank on Household Record)	15-16
Record Serial Number (Blank on Household and Person Records)	17-18

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12. File Sequence - continued

The Quarter x PSU x Week x Segment x Household Number identifies a household.

The Person Number identifies a person within a household. Records belonging to a single family within a household can be identified by using the household identifiers (specified above) and location 62. Unrelated individuals will have an "&" or "-" in this location. Persons within a single family will have the same numeric value from 0-9 in this location on all family records.

The Record Serial Number identifies multiple records within a Record Type for a person; for example, condition records for a person are identified with a unique number beginning with 01 for each condition associated with the person. A person may have zero, one, or a multiple number of condition, hospital, and doctor visit records.

3. Other Tape Characteristics

- .1 Headers and trailers = Standard IBM labels
- .2 Density = 1600 BPI
- .3 Record length = Fixed length of 335 bytes
- .4 Blocksize = 3350 (10 records per block)
- .5 Tape format = All fields are in character format.
- .6 Data Set Names:
 - HOUSEHOLD = HISY1989.HOUSEHLD
 - PERSON = HISY1989.PERSONSX
 - CONDITION = HISY1989.CONDITON
 - HOSPITAL = HISY1989.HOSPITAL
 - DOCTOR VISIT = HISY1989.DRVISITX

NOTE: Metropolitan Statistical Areas are those defined for the 1980 Decennial Census.

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THE NATIONAL HEALTH INTERVIEW SURVEY

INTRODUCTION

Since 1957, the National Center for Health Statistics has conducted the

National Health Interview Survey (NHIS) annually. It includes a "core" set of questions on health-related variables which generally change little from year-to-year and supplements which can vary annually. In 1982, however, fairly substantial changes were made to parts of the core. These changes reflect different concepts in the measurement of health-related variables. Therefore, data derived from these changed concepts, particularly limitation of activity, acute conditions, disability days and doctor visits, should not be compared to data gathered before 1982. A discussion of these changes and the effect on resulting statistics are contained in the Series 1, No. 18 report and in a special appendix to the Current Estimates, 1982 (Series 10, No. 150). More information on the survey in general and the 1989 version, in particular, is found in the Current Estimates Series report included with this public use tape documentation. The NHIS is a personal interview household survey using a nationwide sample of the civilian, noninstitutionalized population of the United States. The sample is chosen in such a way that each person included has a known non-zero probability of selection. These probabilities of selection along with adjustments for nonresponse and poststratification are reflected in the sample weights which are provided on the Public Use Tape.

Use of Sample Weights

Since the NHIS uses a multistage sample designed to represent the civilian noninstitutionalized population of the United States, it is necessary to utilize the person's basic weight for proper analysis of the data. In addition to the design and ratio adjustments included in the person basic weight, the person weight is further modified depending on the variable selected (e.g., 2-week bed days), the length of the recall period, and the period of time for which the estimate is to be made.

The chronic condition prevalence factor, however, does not incorporate the person weight. It adjusts the sample for distributional variations (age, sex, race) within the one-sixth subsample of persons who are asked one of six chronic condition lists. It must be multiplied by the person weight to create prevalence estimates of chronic conditions. Details are given in the documentation preceding the condition record tape layout.

Sample Design, Variance, Estimation, and Hypothesis Testing

The data collected in the NHIS are obtained through a complex sample design involving both clustering and stratification. Because of the complex design and the ratio adjustments applied to the sample weights (see previous section on use of sample weights), the direct application of standard statistical analysis methods for variance estimation and hypothesis testing may yield misleading results.

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There are computer programs available which provide the capability of variance estimation for complex sample designs. The balanced repeated replication approach(1) is utilized in &REPERR-&PSALMS-OSIRIS.IV(2) to calculate the variance-covariance matrix. SESUDAAN(3) SURREGR and SUDAAN(4,5) are programs that calculate the variance-covariance matrix using the linearization approach(6,7,8) (Taylor series expansion).

In order to provide the user with the capability of estimating the complex sample variances in the NHIS data using the above procedures, we have provided the Basic Weight Before Age-Sex-Race Adjustment (loc. 172-177 - Person Record only), Substratum Identifier (loc. 178), Full Sample Stratum Identifier (loc. 179-181), and Strata and Pseudo Primary Sampling Unit (PSU) (loc. 187-189)

codes on the data tapes. These variables and the sample weights are necessary for the calculation of variances.

Even though the overall number of persons in this survey is quite large for statistical inference purposes, subclass analyses can lead to estimators that are unreliable. Consequently, analyses of subclasses require that the user pay particular attention to the coefficient of variation for the estimates of means, proportions and totals. In addition, small sample sizes, or a small number of PSU's used in the variance calculations may produce unstable estimates of the variances using the above computer programs.

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REFERENCES

- (1) McCarthy PJ. Replication: An Approach to the Analysis of Data from Complex Surveys. National Center for Health Statistics. Vital Health Stat 2(14). 1966.
- (2) Survey Research Center Computer Support Group. OSIRIS IV User's Manual. Institute for Social Research. 1979.
- (3) Shah BV. "SESUDAAN: Standard Errors Program for Computing of Standardized Rates from Sample Survey Data." Research Triangle Institute, Research Triangle Park, N.C. RTI/5250-00-01S. April, 1981.
- (4) Holt, Mary Margaret (revised April 1982 by B.V. Shah). "SURREGR: Standard Errors of Regression Coefficients from Sample Survey Data." Research Triangle Institute, Research Triangle Park, N.C. May, 1977.
- (5) Shah BV, LaVange LM, Barnwell BG, Killinger JE, and Wheelless SC. "Software for Survey Data Analysis." Research Triangle Institute, Research Triangle Park, N.C. March, 1989.
- (6) Hidiroglou MA, Fuller WA, and Hickman RD. "SUPER CARP". Survey Section, Statistical Laboratory, Iowa State University. Sixth edition. October, 1980.
- (7) Fuller WA. "PC CARP". Statistical Laboratory and Department of Statistics, Iowa State University, Ames, Iowa. September, 1989.
- (8) Contingency Table Analysis for Complex Sample Designs (CPLX). U.S. Bureau of the Census.

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CHANGES IN THE 1989 PUBLIC USE TAPE COMPARED TO 1988

The 1989 Public Use Tape resembles the 1988 version, with only two additions:

PERSON VARIABLES:

Tape Location	Item
144	Years lived in state of present residence
145	Years lived in United States

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H O U S E H O L D R E C O R D

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NHIS PUBLIC USE TAPE RECORDS
Outline of Items and Codes
Number of Records = 48,054
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		48,054	10. Household Record
3-4	-		PROCESSING YEAR
		48,054	89. 1989
5	-		PROCESSING QUARTER
		11,095	1. Quarter 1
		12,420	2. Quarter 2
		12,217	3. Quarter 3
		12,322	4. Quarter 4
6-8	HH-5		RANDOM RECODE OF PSU NUMBER
9-10	HH-5		WEEK - CENSUS CODE*
			01, 21, 41, 61, 81 ... Week 01
			02, 22, 42, 62, 82 ... Week 02
			03, 23, 43, 63, 83 ... Week 03
			04, 24, 44, 64, 84 ... Week 04
			05, 25, 45, 65, 85 ... Week 05
			06, 26, 46, 66, 86 ... Week 06
			07, 27, 47, 67, 87 ... Week 07
			08, 28, 48, 68, 88 ... Week 08
			09, 29, 49, 69, 89 ... Week 09

10, 30, 50, 70, 90 ... Week 10
 11, 31, 51, 71, 91 ... Week 11
 12, 32, 52, 72, 92 ... Week 12
 13, 33, 53, 73, 93 ... Week 13

*This code represents the initial week of assignment. The interview may be re-assigned for administrative purposes. See Locations 19-20 for the code which reflects the actual week assigned for conducting the interview.

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NHIS PUBLIC USE TAPE RECORDS
 HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
11-12	HH-5		SEGMENT NUMBER Week plus Segment Number identifies the segment
13-14	HH-5		HOUSEHOLD NUMBER Numbered within PSU-Week-Segment
15-16	-		BLANK (Person Number on other record types)
17-18	-		BLANK (Record Serial Number on other record types)
19-20	HH-5		PROCESSING WEEK CODE (Numbered within Quarter)
		2,831	Week 01.
		3,813	Week 02.
		3,832	Week 03.
		3,735	Week 04.
		3,715	Week 05.
		3,772	Week 06.
		3,838	Week 07.
		3,732	Week 08.
		3,829	Week 09.
		3,739	Week 10.
		3,744	Week 11.

3,690 Week 12.
3,784 Week 13.

21

BLANK

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NHIS PUBLIC USE TAPE RECORDS
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
22-23	HH-10d		TYPE OF LIVING QUARTERS: Housing Unit = (00-07)
		845	00. Housing unit; kind unknown
		44,220	01. House, apartment, flat
		37	02. HU in nontransient hotel, motel, etc.
		29	03. HU-permanent in transient hotel, motel, etc.
		41	04. HU in rooming house
		2,028	05. Mobile home or trailer with no permanent room added
		302	06. Mobile home or trailer with one or more permanent rooms added
		15	07. HU not specified above
			Other Unit = (08-13)
		31	08. Quarters not HU in rooming or boarding house
		1	09. Unit not permanent in transient hotel, motel, etc.
		36	10. Unoccupied site for mobile home, trailer, or tent
		386	11. Student quarters in college dormitory
		80	12. Other unit not specified above
		3	13. Other unit; kind unknown
24	HH-11		HAS TELEPHONE
		40,764	1. Yes, phone number given
		1,705	2. Yes, no phone number given
		2,831	3. No
		411	4. Unknown
		2,343	Blank. Non-interview

25-26	HH-6		SPECIAL PLACE (Unedited)
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SEE APPENDIX A
Blank. Not applicable

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NHIS PUBLIC USE TAPE RECORDS
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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27	HH-15		COMPLETED INTERVIEW
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		45,314	1. Completed interview - non-military household
--	--	--------	---

			2. Non-interview
--	--	--	------------------

		2,343	
--	--	-------	--

			3. Completed interview - military household*
--	--	--	--

		397	
--	--	-----	--

28-29	HH-14		NON-INTERVIEW REASON
-------	-------	--	----------------------

Type A

		1,382	01. Refused
--	--	-------	-------------

			02. No one at home
--	--	--	--------------------

		398	
--	--	-----	--

			03. Temporarily absent
--	--	--	------------------------

		303	
--	--	-----	--

			04. Other
--	--	--	-----------

		260	
--	--	-----	--

			Blank. Not applicable (completed interview)
--	--	--	---

		45,711	
--	--	--------	--

30-33	HH-15		DATE OF COMPLETION (OR LAST ATTEMPT) OF INITIAL INTERVIEW (Unedited)
-------	-------	--	--

MONTH

30-31			
-------	--	--	--

MONTH

		01. January	07. July
--	--	-------------	----------

		02. February	08. August
--	--	--------------	------------

		03. March	09. September
--	--	-----------	---------------

		04. April	10. October
--	--	-----------	-------------

		05. May	11. November
--	--	---------	--------------

		06. June	12. December
--	--	----------	--------------

			Blank.
--	--	--	--------

32-33			
-------	--	--	--

DAY

01-31. Day of Month

Blank.

34-35	Generated	NUMBER OF FAMILIES IN THE HOUSEHOLD - (Unrelated individuals are considered to be one-member families).
		Blank. Non-interview

*Spouse or parent is in the Armed Forces.
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NHIS PUBLIC USE TAPE RECORDS
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
36-55	Generated		SIZE OF FAMILY 00. Not applicable or only unrelated individuals 01+ Number of persons in family Blank. Non-interview
36-37			SIZE OF FAMILY - Primary Family
38-39			SIZE OF FAMILY - Secondary Family No. 1
40-41			SIZE OF FAMILY - Secondary Family No. 2
42-43			SIZE OF FAMILY - Secondary Family No. 3
44-45			SIZE OF FAMILY - Secondary Family No. 4
46-47			SIZE OF FAMILY - Secondary Family No. 5
48-49			SIZE OF FAMILY - Secondary Family No. 6
50-51			SIZE OF FAMILY - Secondary Family No. 7
52-53			SIZE OF FAMILY - Secondary Family No. 8
54-55			SIZE OF FAMILY - Secondary Family No. 9

56-57	Generated	NUMBER OF UNRELATED INDIVIDUALS 00. Not applicable 01+ Number of unrelated individuals Blank. Non-interview
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NHIS PUBLIC USE TAPE RECORDS
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
individuals	58	Generated	REFERENCE PERSON PRESENT - Primary Family 1. Yes or all adult family members in Armed Forces Blank. Household with unrelated only or non-interviewed household
	59		REFERENCE PERSON PRESENT - Secondary Family No. 1
	60		REFERENCE PERSON PRESENT - Secondary Family No. 2
	61		REFERENCE PERSON PRESENT - Secondary Family No. 3
	62		REFERENCE PERSON PRESENT - Secondary Family No. 4
	63		REFERENCE PERSON PRESENT - Secondary Family No. 5
	64		REFERENCE PERSON PRESENT - Secondary Family No. 6
	65		REFERENCE PERSON PRESENT - Secondary Family No. 7
	66		REFERENCE PERSON PRESENT - Secondary Family No. 8
	67		REFERENCE PERSON PRESENT - Secondary Family No. 9

NHIS PUBLIC USE TAPE RECORDS
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
68-69	Generated		NUMBER OF PERSON RECORDS FOR THE HOUSEHOLD
70-71	Generated		NUMBER OF CONDITION RECORDS FOR THE HOUSEHOLD
72-73	Generated		NUMBER OF TWO-WEEK DOCTOR VISIT RECORDS FOR THE HOUSEHOLD
74-75 HOUSEHOLD	Generated		NUMBER OF HOSPITAL RECORDS FOR THE
76	A-A2		CONDITION LIST ASSIGNED
		7,574	1. Condition List 1, Skin and Musculoskeletal
		7,586	2. Condition List 2, Impairments
		7,448	3. Condition List 3, Digestive
		7,509	4. Condition List 4, Miscellaneous
		7,430	5. Condition List 5, Circulatory
		7,479	6. Condition List 6, Respiratory
		685	7. Unknown
		2,343	Blank. Non-interview
77-177	-		BLANK
178	Master Record		TYPE OF SUBSTRATUM
		5,469	0. Permit
		4,640	1. Area, oversampled for blacks
		37,945	2. Area, not oversampled for blacks
179-181			BLANK
182	Master Record		REGION
		10,058	1. Northeast
		12,038	2. Midwest
		16,021	3. South
		9,937	4. West

NHIS PUBLIC USE TAPE RECORDS
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		20,765	1. 1,000,000 or more
		12,530	2. 250,000 - 999,999
		3,038	3. 100,000 - 249,999
		828	4. Under 100,000
		10,893	Blank. Non-MSA
184			BLANK
185	Master Record		TYPE OF PSU
		26,345	1. MSA - Self-representing
		10,816	3. MSA - Nonself-representing
		1	4. Non-MSA - Self-representing
		10,892	6. Non-MSA - Nonself-representing
186	Recode		MSA - NON-MSA RESIDENCE
		15,410	1. MSA - Central City
		19,674	2. MSA - Not Central City
		10,020	3. Non-MSA - Nonfarm
		607	4. Non-MSA - Farm
		2,343	Blank. Non-interview
187-200			BLANK
201-206			QUARTER BASIC WEIGHT
			Adjusted by Segment and Special HH Sampling Factors (XXXXX.X)
207-335			BLANK

P E R S O N R E C O R D

1 NOTES:

NHIS PUBLIC USE TAPE RECORDS
Outline of Items and Codes
Number of Records = 116,929
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		116,929	20. Person Record
3-4	-		PROCESSING YEAR
		116,929	89. 1989
5	-		PROCESSING QUARTER
		26,571	1. Quarter 1
		30,780	2. Quarter 2
		29,977	3. Quarter 3
		29,601	4. Quarter 4
6-8	HH-5		RANDOM RECODE OF PSU NUMBER
9-10	HH-5		WEEK - CENSUS CODE*
			01, 21, 41, 61, 81 ... Week 01
			02, 22, 42, 62, 82 ... Week 02
			03, 23, 43, 63, 83 ... Week 03
			04, 24, 44, 64, 84 ... Week 04
			05, 25, 45, 65, 85 ... Week 05
			06, 26, 46, 66, 86 ... Week 06
			07, 27, 47, 67, 87 ... Week 07
			08, 28, 48, 68, 88 ... Week 08
			09, 29, 49, 69, 89 ... Week 09
			10, 30, 50, 70, 90 ... Week 10
			11, 31, 51, 71, 91 ... Week 11
			12, 32, 52, 72, 92 ... Week 12
			13, 33, 53, 73, 93 ... Week 13

*This code represents the initial week of assignment. The interview may be re-assigned for administrative purposes. See Locations 19-20 for the code

which reflects the actual week assigned for conducting the interview.

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
11-12	HH-5		SEGMENT NUMBER Week plus Segment Number identifies the segment
13-14	HH-5		HOUSEHOLD NUMBER Numbered within PSU-Week-Segment
15-16	-		PERSON NUMBER
17-18 record	-		BLANK (Record Serial Number on other types).
19-20	HH-5		PROCESSING WEEK CODE (Numbered within Quarter)
		6,955	Week 01.
		9,284	Week 02.
		9,246	Week 03.
		9,266	Week 04.
		8,998	Week 05.
		9,168	Week 06.
		9,188	Week 07.
		9,099	Week 08.
		9,258	Week 09.
		9,161	Week 10.
		9,229	Week 11.
		8,987	Week 12.
		9,090	Week 13.
21			BLANK

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		1,079	00. Housing unit; kind unknown
		109,416	01. House, apartment, flat
		61	02. HU in nontransient hotel, motel, etc.
		47	03. HU-permanent in transient hotel, motel, etc.
		39	04. HU in rooming house
		4,769	05. Mobile home or trailer with no permanent room added
		776	06. Mobile home or trailer with one or more permanent rooms added
		18	07. HU not specified above
			Other Unit = (08-13)
		32	08. Quarters not HU in rooming or boarding house
		0	09. Unit not permanent in transient hotel, motel, etc.
		82	10. Unoccupied site for mobile home, trailer, or tent
		503	11. Student quarters in college dormitory
		106	12. Other unit not specified above
		1	13. Other unit; kind unknown
24	HH-11		HAS TELEPHONE
		104,613	1. Yes, phone number given
		3,946	2. Yes, no phone number given
		7,447	3. No
		923	4. Unknown
25	A-1		SEX
		55,570	1. Male
		61,359	2. Female
26	-		BLANK

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
27-28	Person Column		AGE
		1,940	00. Under 1 year
		114,977	01-98. Number of years
		12	99. 99+ years of age
29	Recode		AGE RECODE #1
		9,375	1. Under 5 years
		22,982	2. 5-17 years
		11,362	3. 18-24 years
		36,688	4. 25-44 years
		22,277	5. 45-64 years
		4,788	6. 65-69 years
		3,830	7. 70-74 years
		5,627	8. 75 years and over
30	Recode		AGE RECODE #2
		11,157	1. Under 6 years
		19,450	2. 6-16 years
		13,112	3. 17-24 years
		19,244	4. 25-34 years
		17,444	5. 35-44 years
		12,046	6. 45-54 years
		10,231	7. 55-64 years
		8,618	8. 65-74 years
		5,627	9. 75 years and over
31-32	Recode		AGE RECODE #3
		5,713	00-35. Months
		111,216	36. Over 3 years
33	-		BLANK

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
34-39	A-3		MONTH AND YEAR OF BIRTH
34-35			MONTH
			01. January 07. July
			02. February 08. August
			03. March 09. September
			04. April 10. October
			05. May 11. November
			06. June 12. December
			99. DK or refused
36-39			YEAR OF BIRTH
			1800-1899. 1800-1899
			1900-1990. 1900-1990
			9999. DK or refused
40-41			BLANK
42	L-3		MAIN RACIAL BACKGROUND - Reported
		930	1. Aleut, Eskimo, or American Indian
		2,731	2. Asian/Pacific Islander
		17,216	3. Black
		92,987	4. White
		1,860	5. Other
		137	6. Multiple race
		1,068	7. Unknown

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
43-45	Recode		RACE RECODES
43			RECODE 1

		95,863	1. White
		17,324	2. Black
		3,742	3. Other
44			RECODE 2
		95,863	1. White
		21,066	2. Non-white
45			RECODE 3
		17,324	1. Black
		99,605	2. Non-black
<hr/>			
46-47	L-4		HISPANIC ORIGIN
		138	00. Multiple Hispanic
		1,038	01. Puerto Rican
		498	02. Cuban
		1,976	03. Mexican-Mexicano
		3,599	04. Mexican-American
		61	05. Chicano
		1,085	06. Other Latin American
		1,222	07. Other Spanish
		201	08. Spanish, DK type
		1,107	09. Unknown if Spanish origin
		106,004	10. Not Spanish origin
<hr/>			
48	L-7		MARITAL STATUS
		25,553	0. Under 14 years
		53,242	1. Married - spouse in household
		702	2. Married - spouse not in household
		6,414	3. Widowed
		6,133	4. Divorced
		1,947	5. Separated
		22,289	6. Never married
		649	7. Unknown
<hr/>			

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
49	L-1		VETERAN STATUS
		70,162	1. Non-veteran
		46	2. WW I
		3,885	3. WW II

2,089	4. Korean War
3,767	5. Vietnam veteran
970	6. Post-Vietnam
2,201	7. Other service
287	8. Served in Armed Forces, unknown if war veteran
1,165	9. Unknown if served in Armed Forces
32,357	Blank. Under 18 years of age

50 L-1

ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES

70,162	0. Non-veteran
973	1. All service in Guard/Reserve
1,840	2. Some service in Guard/Reserve
37	3. Unknown if all service in Guard/Reserve
9,711	4. No active service in Guard/Reserve
1,849	5. Unknown if ever active member in Guard/Reserve or served in Armed Forces
32,357	Blank. Under 18 years of age

51-52 L-2

EDUCATION OF INDIVIDUAL - COMPLETED YEARS

4,528	00. Never attended; kindergarten only
69,649	01-12. Grades 1-12
	College:
6,123	13. 1 year
7,483	14. 2 years
2,912	15. 3 years
8,911	16. 4 years
1,853	17. 5 years
4,740	18. 6 years or more
1,355	19. Unknown
9,375	Blank. Under 5 years of age

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
----------------	----------	-----------	-----------------

53 Recode

EDUCATION OF INDIVIDUAL RECODE

4,528	0. None; kindergarten only
22,353	1. 1-8 years (elementary)
14,845	2. 9-11 years (high school)
32,451	3. 12 years (high school graduate)

16,518	4.	1-3 years (college)
8,911	5.	4 years (college graduate)
6,593	6.	5+ years (post-college)
1,355	7.	Unknown
9,375	Blank.	Under 5 years of age

54-55	-	HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER - (Detail)	
	291	00.	Never attended; kindergarten only
	59,395	01-12.	Grades 1-12
		College:	
	8,916	13.	1 year
	12,463	14.	2 years
	4,799	15.	3 years
	15,912	16.	4 years
	3,740	17.	5 years
	10,673	18.	6 years or more
	740	19.	Unknown

56	-	HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER - Recode	
	291	0.	None; kindergarten only
	6,418	1.	1-8 years (elementary)
	10,519	2.	9-11 years (high school)
	42,458	3.	12 years (high school graduate)
	26,178	4.	1-3 years (college)
	15,912	5.	4 years (college graduate)
	14,413	6.	5+ years (post-college)
	740	7.	Unknown

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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57	L-8		FAMILY INCOME \$20,000 OR MORE
		40,104	1. Less than \$20,000
		73,069	2. \$20,000 or more
		3,756	3. Unknown

58-59 L-8

FAMILY INCOME

547	00.	Less than \$1,000
704	01.	\$ 1,000 - \$ 1,999
905	02.	2,000 - 2,999
1,036	03.	3,000 - 3,999
1,495	04.	4,000 - 4,999
1,546	05.	5,000 - 5,999
1,780	06.	6,000 - 6,999
1,653	07.	7,000 - 7,999
1,792	08.	8,000 - 8,999
1,739	09.	9,000 - 9,999
2,317	10.	10,000 - 10,999
1,334	11.	11,000 - 11,999
2,469	12.	12,000 - 12,999
1,519	13.	13,000 - 13,999
1,685	14.	14,000 - 14,999
2,384	15.	15,000 - 15,999
1,584	16.	16,000 - 16,999
1,640	17.	17,000 - 17,999
2,401	18.	18,000 - 18,999
2,613	19.	19,000 - 19,999
9,241	20.	20,000 - 24,999
8,967	21.	25,000 - 29,999
8,713	22.	30,000 - 34,999
6,953	23.	35,000 - 39,999
6,352	24.	40,000 - 44,999
5,353	25.	45,000 - 49,999
19,014	26.	\$50,000 and over
19,193	27.	Unknown

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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60

Recode

FAMILY INCOME RECODE

4,687	0.	Under \$5,000
3,326	1.	\$ 5,000 - \$ 6,999
5,184	2.	7,000 - 9,999
9,324	3.	10,000 - 14,999
10,622	4.	15,000 - 19,999
9,241	5.	20,000 - 24,999
17,680	6.	25,000 - 34,999
18,658	7.	35,000 - 49,999
19,014	8.	\$50,000 or more
19,193	9.	Unknown

61		Generated	NHIS POVERTY INDEX*	
		92,869	1.	At or above poverty threshold
		13,246	2.	Below poverty threshold
		10,814	3.	Unknown
62-63			FAMILY RELATIONSHIP	
62	A-2		TYPE OF FAMILY	
		12,303	&.	Primary individual
		1,413	-.	Secondary individual
		103,036	0.	Primary family
		177	1-9.	Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON	
		11,711	&.	Reference person, living alone
		34,708	0.	Reference person, 2+ persons in household
		26,036	1.	Spouse, other spouse NOT in Armed Forces and living at home
Forces		327	2.	Spouse, other spouse IN Armed and living at home
		38,617	3.	Child of reference person or spouse
		2,154	4.	Grandchild of reference person or spouse
		951	5.	Parent of reference person or
spouse		2,410	6.	Other relative
		15	7.	Child of ineligible reference
person		0	9.	DK or refused

*Based on family size, number of children under 18 years of age & family income using the 1988 poverty levels derived from the August, 1989 Current Population Survey.

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
64	Recode		FAMILY RELATIONSHIP RECODE
		11,711	1. Living alone
		2,005	2. Living only with non-relative
		53,220	3. Living with spouse
		49,993	4. Living with relative - other

65-66	Generated		SIZE OF FAMILY*
			Unrelated individuals are coded 01
67	Generated		SIZE OF FAMILY RECODE
			1-8. Number of members
			9. 9+ members
68	A-2		PARENT/OTHER ADULT RELATIVE (under 25 years old and never married)
		24,911	1. Both parents, no other relative
		6,196	2. Mother only
		542	3. Father only
		2,970	4. Both parents and other 21+ year old adult relative
		2,123	5. Mother and other 21+ year old adult relative
		201	6. Father and other 21+ year old adult relative
		489	7. No parent, but one 21+ year old adult relative
		680	8. No parent, but two or more 21+ year old adult relatives
		353	9. Unknown
		1,878	0. Other
		76,586	Blank. Not applicable (25+ years old or ever married)

*Count includes spouse in military but living at home.

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
69	B-1 B-8		MAJOR ACTIVITY (18+ years old)
		51,964	1. Working
		16,104	2. Keeping house
		4,646	3. Going to school
		11,282	4. Something else
		576	5. Unknown
		32,357	Blank. Not applicable (Under 18 years)

70	G-4		HEALTH STATUS
		45,636	1. Excellent
		32,511	2. Very Good
		26,495	3. Good
		8,390	4. Fair
		3,182	5. Poor
		715	6. Unknown

71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
		4,979	1. Unable to perform major activity
		6,442	2. Limited in kind/amount major activity
		5,270	3. Limited in other activities
		100,238	4. Not limited (includes unknowns)

72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		4,894	1. Unable to work
		3,683	2. Limited in kind/amount of work
		2,687	3. Limited in other activities
		63,851	4. Not limited (includes unknowns)
		41,814	Blank. Not applicable (under 18 years, 70+ years)

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
73 years)	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17
		122	1. Unable to attend school
		626	2. Attends special school/classes
		74	3. Needs special school/classes
		241	4. Limited in school attendance
		448	5. Limited in other activities
		21,471	6. Not limited (includes unknowns)
18+		93,947	Blank. Not applicable (under 5 years or years)

74	B-14		NEEDS HELP WITH PERSONAL CARE (5-59 years
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			old and limited, or age 60-69 years)*
		607	1. Unable to perform personal care needs
routine		1,358	2. Limited in performing other needs
		16,655	3. Not limited in performing personal or routine needs
		509	4. Unknown
59		97,800	Blank. Not applicable (under 5 years; 5- years not limited; 70+ years old)

75	D-1		EMPLOYMENT STATUS IN PAST 2 WEEKS (18+ years)
			In the Labor Force: (1-7)
			Currently employed: (1-3)
		53,249	1. Worked in past 2 weeks
work		1,124	2. Did not work, has job; not on lay-off and not looking for
		26	3. Did not work, has job; looking for work
			Unemployed: (4-7)
		131	4. Did not work, has job; on lay-off
		7	5. Did not work, has job; on lay-off and looking for work
		424	6. Did not work, has job; unknown if looking or on lay-off
		1,680	7. Did not work, no job; looking for work or on lay-off
			Not in Labor Force (18+ years): (8)
		27,931	8. Not in Labor Force (18+ years)
		32,357	Blank. Not applicable (Under 18 years old)

*For persons 70+ years, codes 1 and 2 in loc. 71 correspond to codes 1 and 2 in loc. 74.

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
76	L-6		CLASS OF WORKER

27,931	0.	Not in labor force
40,621	1.	Private company
1,710	2.	Federal Government employee
2,222	3.	State Government employee
4,375	4.	Local Government employee
1,305	5.	Incorporated business
4,987	6.	Self-employed
97	7.	Without pay
57	8.	Never worked
1,267	9.	Unknown
32,357	Blank.	Under 18

77-79	L-6	INDUSTRY DETAIL CODE
		010-996. Code number
56,641		Blank. Not applicable
60,288		

80-81	Recode	INDUSTRY RECODE 1
		SEE APPENDIX B

82-83	Recode	INDUSTRY RECODE 2
		SEE APPENDIX B

84-86	L-6	OCCUPATION DETAIL CODE
		003-999. Code number
56,641		Blank. Not applicable
60,288		

87-88	Recode	OCCUPATION RECODE 1
		SEE APPENDIX C

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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89-90	Recode	OCCUPATION RECODE 2
		SEE APPENDIX C

91	L-R	RESPONDENT	
		30,607	0. Under 17
		53,346	1. Self-entirely
		5,612	2. Self-partly
		26,138	3. Proxy
		1,226	4. Unknown

92	Recode	CONDITION LIST ASSIGNED AND ASKED	
		19,367	1. Condition List 1, Skin and musculoskeletal
		19,404	2. Condition List 2, Impairments
		19,056	3. Condition List 3, Digestive
		19,072	4. Condition List 4, Miscellaneous
		19,220	5. Condition List 5, Circulatory
		18,852	6. Condition List 6, Respiratory
		1,958	7. Unknown

93-94	G-5	HEIGHT WITHOUT SHOES (18+ years)	
			36-98. Number of inches
			99. Unknown
			Blank. Under 18 years of age

95-97	G-5	WEIGHT WITHOUT SHOES (18+ years)	
			050-500. Number of pounds
			501. Unknown
			Blank. Under 18 years of age

98-99	Recode	TOTAL RESTRICTED ACTIVITY DAYS IN PAST TWO WEEKS	
		104,350	00. None
		12,579	01-14. Days

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
100-101	D-4		BED DAYS IN PAST TWO WEEKS
		109,384	00. None

7,545 01-14. Days

102-103 D-2 WORK-LOSS DAYS IN PAST TWO WEEKS (control
on Currently Employed, 75:1-3)

113,558 00. None
3,371 01-14. Days

104-105 D-3 SCHOOL-LOSS DAYS IN PAST TWO WEEKS

114,851 00. None
2,078 01-14. Days

106-107 D-6 OTHER DAYS OF RESTRICTED ACTIVITY IN PAST
TWO WEEKS

111,195 00. None
5,734 01-14. Days

108-110 G-2 BED DAYS IN PAST 12 MONTHS

63,753 000. None
52,124 001-365. 1-365 days
1,052 366. Unknown

111 Recode BED DAYS IN PAST 12 MONTHS - Recode

63,753 0. None
39,827 1. 1-7 days
9,221 2. 8-30 days
2,474 3. 31-180 days
602 4. 181-365 days
1,052 5. Unknown

112-114 G-3 DOCTOR VISITS IN PAST 12 MONTHS

28,212 000. None
88,323 001-996. Visits
1 997. 997+ visits
393 998. Unknown

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape
Locations Item No. Frequency Items and Codes

115	G-3		INTERVAL SINCE LAST DOCTOR VISIT
		228	0. Never
		89,297	1. Less than 1 year
		11,762	2. 1 to less than 2 years
		9,867	3. 2 to less than 5 years
		4,010	4. 5 years or more
		1,765	5. Unknown
116-117	Generated		NUMBER OF CONDITIONS
118-119	Generated		NUMBER OF ACUTE INCIDENCE CONDITIONS
120-121	Generated		NUMBER OF TWO-WEEK DOCTOR VISITS
122-123	Generated		NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS
124-126	Generated		SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS
127-128	Generated		NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS EXCLUDING DELIVERY*
129-131	Generated		SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS EXCLUDING DELIVERY*
132-133	Generated		NUMBER OF SHORT-STAY HOSPITAL DISCHARGES IN PAST 6 MONTHS
134-136	Generated		NUMBER OF DAYS IN SHORT-STAY HOSPITAL IN PAST 12 MONTHS FOR DISCHARGES IN PAST 6 MONTHS
137-138	Generated		NUMBER OF SHORT-STAY HOSPITAL DISCHARGES IN PAST 6 MONTHS EXCLUDING DELIVERY*
139-141	Generated		NUMBER OF DAYS IN SHORT-STAY HOSPITAL IN PAST 12 MONTHS FOR DISCHARGES IN PAST 6 MONTHS EXCLUDING DELIVERY*

*Based on operation codes and reason entered hospital.

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PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
142-143		-	BLANK
144	L-9b		YEARS LIVED IN STATE OF PRESENT RESIDENCE
		1,126	1. Less than 1 year
		3,528	2. 1 yr., less than 5 years.
		3,317	3. 5 yrs., less than 10 yrs
		3,236	4. 10 yrs., less than 15 yrs.
		61,722	5. 15 years or more
		3,501	9. Unknown
less		40,499	Blank. Not applicable (Foreign born or than 18 years of age)
145	L-9c		YEARS LIVED IN UNITED STATES
		299	1. Less than 1 year
		1,060	2. 1 yr., less than 5 years.
		1,317	3. 5 yrs., less than 10 yrs
		1,112	4. 10 yrs., less than 15 yrs.
		4,068	5. 15 years or more
		286	9. Unknown
		108,787	Blank. Not applicable (U.S. born or less than 18 years of age)
146-171		-	BLANK
172-177			QUARTER BASIC WEIGHT BEFORE AGE-SEX-RACE ADJUSTMENT (Has one implied decimal)
178	Master Record		TYPE OF SUBSTRATUM
		13,288	0. Permit
		11,910	1. Area, oversampled for blacks
		91,731	2. Area, not oversampled for blacks
179-181	-		FULL SAMPLE STRATUM IDENTIFIER
182	Master Record		REGION
		23,298	1. Northeast
		29,248	2. Midwest
		39,392	3. South
		24,991	4. West

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		49,674	1. 1,000,000 or more
		30,556	2. 250,000 - 999,999
		7,572	3. 100,000 - 249,999
		1,952	4. Under 100,000
		27,175	Blank. Non-MSA
184			BLANK
185	Master Record		TYPE OF PSU
		63,258	1. MSA - Self-representing
		26,496	3. MSA - Nonself-representing
		1	4. Non-MSA - Self-representing
		27,174	6. Non-MSA - Nonself-representing
186	Recode		MSA - NON-MSA RESIDENCE
		37,449	1. MSA - Central City
		52,305	2. MSA - Not Central City
		25,473	3. Non-MSA - Nonfarm
		1,702	4. Non-MSA - Farm
187-189			PSEUDO PSU CODES
190-200			CHRONIC CONDITION PREVALENCE AND INCIDENCE FACTOR (XX.XXXXXXXXXX) - character format with implied decimal
			FINAL BASIC WEIGHT
201-209			QUARTER
210-218			SEMI-ANNUAL (WT/2)
219-227			ANNUAL (WT/4)

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
			6.5 WEIGHT
228-236			QUARTER, SEMI-ANNUAL, AND ANNUAL
			ESTIMATED RESTRICTED ACTIVITY DAYS IN PAST 2 WEEKS
237-245			QUARTER, SEMI-ANNUAL AND ANNUAL
			ESTIMATED BED DAYS IN PAST 2 WEEKS
246-254			QUARTER, SEMI-ANNUAL AND ANNUAL
			ESTIMATED WORK-LOSS DAYS IN PAST 2 WEEKS
255-263			QUARTER, SEMI-ANNUAL AND ANNUAL
			ESTIMATED SCHOOL-LOSS DAYS IN PAST 2 WEEKS
264-272			QUARTER, SEMI-ANNUAL AND ANNUAL
			ESTIMATED DOCTOR VISITS IN PAST 12 MONTHS
273-281			QUARTER
282-290			SEMI-ANNUAL
291-299			ANNUAL
			ESTIMATED SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS
300-308			QUARTER
309-317			SEMI-ANNUAL
318-326			ANNUAL
327-335			ANNUAL ESTIMATED NUMBER OF SHORT-STAY

HOSPITAL EPISODES IN PAST 12 MONTHS

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C O N D I T I O N R E C O R D

1NOTES:

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CONDITION FILE INCLUSIONS

The Condition file contains the following types of records:

1. Condition records, either acute or chronic, which are associated with disability days, doctor visits and/or hospitalizations in the two weeks preceding the interview (location 107=1 or 2 and 111-112=01-14 or 109=1).
2. Chronic condition records when the condition is reported to be the main or secondary cause of activity limitation (location 107=1 and 126=1 or 2) or limitation in ability to work.
3. Chronic condition records reported in response to a check list of conditions for each body system, e.g., digestive. The total sample was divided into six subsamples. Each subsample was asked the set of conditions corresponding to one of the six chronic disease check lists.

Use of Condition Records

NHIS condition records can be used to calculate aggregate estimates and rates of the incidence of acute conditions (Recode A), prevalence of selected chronic conditions (Recode C), disability days and utilization associated with acute or chronic conditions, and chronic conditions causing limitation of activity. Explanations of the procedures used to calculate these figures and rates are given below as well as restrictions due to content and reliability factors.

Included below is a list of special codes in ICD format and tape location created by NHIS as well as a list of ICD codes not used by NHIS.

NHIS Created Codes

The codes listed below are ICD-like codes with meanings specific to NHIS. These codes and the Impairment X-codes (see Medical Coding Manual for complete list of X-codes) are found in the ICD column locations of the Person, Condition, and Doctor Visit Records. The X of the Impairment Codes is in the first of the four columns.

NHIS Code	Category Title
019	Tuberculosis, arrested or inactive
	Psychic factors associated with diseases classified elsewhere in specified system:
316.0	Musculoskeletal

316.1	Respiratory
316.2	Cardiovascular
316.3	Skin
1	- 42 -
316.4	Gastrointestinal
316.5	Genitourinary
316.6	Endocrine
316.7	Organs of special sense
316.8	Other
316.9	Unspecified
399	Rheumatic fever, inactive
477.7	Allergies with multiple causes
693.2	Skin allergies with multiple causes
799.5	Observation with no condition found

Codes Not Used by NHIS

These ICD codes are not specifically used by NHIS. They are usually included in the categories specified:

Unused ICD	Coded To:
009.1	558
009.3	558
137-139	Impairment, as appropriate
230-234	Not applicable (not reported in NHIS)
235-238	Benign, malignant or unspecified, by site
268.1	Not applicable (not reported in NHIS)
306.0,6,7,8,9	Code as if non-psychogenic
315.0-2	X14
317-319	X19
326	Code residual effect to appropriate impairment or ICD 320-325
331.3,4	X93
342	X41

1	343	X50 - 43 -
	344.0,2-6,8,9	Less than 3 months, see Medical Coding Manual, Appendix III If greater than 3 months, code as impairment, by site and extent
	353.5	X70-X79, by site
	369	X00-X03, by severity and site
	388.2	X05-X09, by severity and site
	389	X05-X09, by severity and site
	391	Usually 398.9 (see Short Index)
	410-412	414
	429.6	414
	436	437
	438	Appropriate impairment usually (see Medical Coding Manual, Appendix III)
	520.0-2,5	X92
	521.6	X92
	524	X92
	718.6	X85
	728.2	X70-X79, by site
	728.4	Orthopedic impairment, by site
	728.6	X74
	734	X77
	735	X76
	736	Impairment, by type, site and cause
	737	X70
	738	Impairment, by type, site and cause
	740	Not applicable (not reported in NHIS)
	741	X71.9
1	742.0,1,3	X93.9 - 44 -
	743	Code to equivalent acquired diseases of the eye 744.0-3388.9 and/or appropriate

	impairment
	(see Appendix III)
744.5	X79.9
744.8,9	of face, coded to X90.9 of neck, coded to X79.9
749	X91.9
750.0,1	X11.9
753.0	X31.9
754.2	X70.9
754.3	X75.9
754.4	X76.9
754.5-7	X78.9 except flatfoot coded to X77
754.8	Appropriate impairment, by type and site
755	Appropriate impairment, by type and site
756.0-3	Appropriate impairment, by type and site
758.0	X19.9
759.7.9	X99.9
761.6	Not applicable
779.6	Not applicable (for fetus)
781.5	X74
783.1	278.0
798	Not applicable
871.3	X00-X03
885-887	Appropriate impairment, by site
895-897	Appropriate impairment, by site
905.6-8	X80-89, by site
905.9	X20-29, X35, by site
	- 45 -
908.6	Code to effect
909.0,1,3,9	Code to effect
958	Code injury only

960-979

977.9

980.987

989.9

In addition, the NHIS does not use certain ICD codes, which are conditions known to be caused by other conditions. In the Ninth Revision of the ICD, some causal conditions are marked by a dagger and the resulting condition by an asterisk. NHIS codes the dagger and not the asterisk.

Acute Conditions

Annual incidence estimates can be calculated by the following:

1. Use acute condition records (107:2) and categories from Recode A (location 100-103).
2. Select those with onset in last two weeks (108:1)
3. Use 6.5 weight (228-236) for all four quarters of data.

Denominators for subdomain rates should be computed by summing the weights for the entire domain of interest.

When associated disability days such as annual bed days are needed, the weighted number of bed days in location 246-254 should be substituted for the 6.5 weight in 3 above).

For additional examples of calculating estimates associated with acute conditions, see the back of this document.

Chronic Conditions

Recode C is the list of selected chronic conditions for which NHIS calculates prevalence and associated disability and use data. We feel that the collection and coding procedures used do not justify any further breakdown of categories for purposes of estimating prevalence from our survey. These categories correspond to questions asked on the six chronic condition lists and therefore produce reliable estimates except where the numbers are small. In order to obtain NHIS prevalence estimates, use the Recode C categories following the Tape Layouts.

For chronic conditions not specified in the six lists, estimates do not reflect prevalence but may be useful in epidemiological investigations. For most of the non-list conditions only those resulting in limitation of activity, recent disability days, or doctor visits will be included.

Because chronic conditions-related estimates are made based on a one-sixth subsample, many estimates, especially for population subgroups, may not be statistically reliable.

1

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The weights for the six subsamples have been adjusted to the Census population controls using the same age-sex-race cells as were used for the entire sample. The most accurate chronic condition aggregate estimates for population variables other than age, sex and race are achieved by multiplying rates calculated for the one-sixth subsample by the population estimate based on the total sample.

For example, to estimate the prevalence of hypertension in the population with income \$25,000+, the rate calculated using the entire circulatory system subsample and those in the sample with hypertensive disease should be multiplied times the population estimate from the entire NHIS sample in the

\$25,000 income category.

In order to calculate annual prevalence estimates:

1. Use chronic condition records (107:1)
2. Select on the appropriate list number in tape Location 92
3. Select on specified codes in Location 104-106 (Recode C).
4. Multiply the chronic condition prevalence factor (Location 190-200).
divided by 1,000,000,000 (to adjust for the implied decimal) times the
basic weight factor in location 219-227.

Rates should be calculated using the population estimates from the subsample as the denominator. Population estimates from the total sample also may be used as denominators; however, if rates are to be calculated for groups other than those defined by age, sex, and race, it may be preferable to use denominators based on the subsample.

In order to calculate associated disability days, doctor visits, etc., the specifications above should be used, substituting the appropriate weight for the basic weight factor in 4. For example, to calculate annual bed day estimates based on a two-week recall period, use the chronic condition factor multiplied by the weighted bed days in location 246-254.

Limitation of Activity due to Chronic Condition

To calculate limitation of activity due to chronic conditions on a condition basis, use the entire NHIS sample, rather than the one-sixth subsamples. NHIS recommends that Recode B (Location 97-99) be used to categorize the causal conditions.

Use of Recodes

Recode A - Recode categories for acute conditions. It contains the smallest categories considered reliable by NHIS for estimating acute conditions.

Recode B - The recommended recode for limitation of activity. It corresponds directly to Ninth Revision ICD categories.

Recode C - Recode categories for chronic conditions. It is used by NHIS for estimating prevalence of chronic conditions.

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NHIS PUBLIC USE TAPE RECORDS

Outline of Items and Codes
Number of Records = 83,548
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		83,548	30. Condition Record

3-4	-		PROCESSING YEAR
		83,548	89. 1989

5	-		PROCESSING QUARTER
		20,010	1. Quarter 1
		21,771	2. Quarter 2
		20,793	3. Quarter 3
		20,974	4. Quarter 4

6-8	HH-5		RANDOM RECODE OF PSU NUMBER
-----	------	--	-----------------------------

9-10	HH-5		WEEK - CENSUS CODE*
			01, 21, 41, 61, 81 ... Week 01
			02, 22, 42, 62, 82 ... Week 02
			03, 23, 43, 63, 83 ... Week 03
			04, 24, 44, 64, 84 ... Week 04
			05, 25, 45, 65, 85 ... Week 05
			06, 26, 46, 66, 86 ... Week 06
			07, 27, 47, 67, 87 ... Week 07
			08, 28, 48, 68, 88 ... Week 08
			09, 29, 49, 69, 89 ... Week 09
			10, 30, 50, 70, 90 ... Week 10
			11, 31, 51, 71, 91 ... Week 11
			12, 32, 52, 72, 92 ... Week 12
			13, 33, 53, 73, 93 ... Week 13

*This code represents the initial week of assignment. The interview may be re-assigned for administrative purposes. See Locations 19-20 for the code which reflects the actual week assigned for conducting the interview.

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
11-12	HH-5		SEGMENT NUMBER
			Week plus Segment Number identifies the segment

13-14 HH-5

HOUSEHOLD NUMBER

Numbered within PSU-Week-Segment

15-16 -

PERSON NUMBER

17-18 -

CONDITION SERIAL NUMBER

01-99. Serial Number

19-20 HH-5

PROCESSING WEEK CODE (Numbered within Quarter)

5,074	Week 01.
6,891	Week 02.
6,484	Week 03.
6,635	Week 04.
6,417	Week 05.
6,779	Week 06.
6,473	Week 07.
6,233	Week 08.
6,905	Week 09.
6,556	Week 10.
6,543	Week 11.
6,169	Week 12.
6,389	Week 13.

21

BLANK

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
----------------	----------	-----------	-----------------

22-23 HH-10d

TYPE OF LIVING QUARTERS:

Housing Unit = (00-07)

768	00. Housing unit; kind unknown
77,520	01. House, apartment, flat
33	02. HU in nontransient hotel, motel, etc.
66	03. HU-permanent in transient hotel,

		motel, etc.
63	04.	HU in rooming house
3,849	05.	Mobile home or trailer with no permanent room added
697	06.	Mobile home or trailer with one or more permanent rooms added
17	07.	HU not specified above

Other Unit = (08-13)

44	08.	Quarters not HU in rooming or boarding house
0	09.	Unit not permanent in transient hotel, motel, etc.
53	10.	Unoccupied site for mobile home, trailer, or tent
331	11.	Student quarters in college dormitory
103	12.	Other unit not specified above
4	13.	Other unit; kind unknown

24	HH-11		HAS TELEPHONE
		75,604	1. Yes, phone number given
		2,452	2. Yes, no phone number given
		4,935	3. No
		557	4. Unknown

25	A-1		SEX
		34,956	1. Male
		48,592	2. Female

26	-		BLANK
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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
27-28	Person Column		AGE
		666	00. Under 1 year
		82,860	01-98. Number of years
		22	99. 99+ years of age

29	Recode		AGE RECODE #1
		3,010	1. Under 5 years
		8,071	2. 5-17 years
		4,810	3. 18-24 years
		22,073	4. 25-44 years
		22,369	5. 45-64 years
		7,147	6. 65-69 years
		5,864	7. 70-74 years
		10,204	8. 75 years and over

30	Recode		AGE RECODE #2
		3,566	1. Under 6 years
		6,835	2. 6-16 years
		5,490	3. 17-24 years
		10,274	4. 25-34 years
		11,799	5. 35-44 years
		10,267	6. 45-54 years
		12,102	7. 55-64 years
		13,011	8. 65-74 years
		10,204	9. 75 years and over

31-32	Recode		AGE RECODE #3
		1,894	00-35. Months
		81,654	36. Over 3 years

33	-		BLANK
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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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34-39	A-3		MONTH AND YEAR OF BIRTH
34-35			MONTH
		01.	January
		02.	February
		03.	March
		04.	April
		05.	May
		06.	June
		08.	August
		09.	September
		10.	October
		11.	November
		12.	December
		99.	DK or refused

07. July

36-39

YEAR OF BIRTH

1800-1899. 1800-1899
1900-1990. 1900-1990
9999. DK or refused

40-41

BLANK

42 L-3

MAIN RACIAL BACKGROUND - Reported

744	1. Aleut, Eskimo, or American Indian
884	2. Asian/Pacific Islander
11,645	3. Black
68,727	4. White
967	5. Other
122	6. Multiple race
459	7. Unknown

1

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
----------------	----------	-----------	-----------------

43-45 Recode RACE RECODES

43 RECODE 1

70,140	1. White
11,741	2. Black
1,667	3. Other

44 RECODE 2

70,140	1. White
13,408	2. Non-white

45 RECODE 3

11,741	1. Black
71,807	2. Non-black

46-47 L-4

HISPANIC ORIGIN

83	00. Multiple Hispanic
719	01. Puerto Rican

261	02. Cuban
769	03. Mexican-Mexicano
1,676	04. Mexican-American
40	05. Chicano
473	06. Other Latin American
717	07. Other Spanish
149	08. Spanish, DK type
493	09. Unknown if Spanish origin
78,168	10. Not Spanish origin

48 L-7

MARITAL STATUS

8,445	0. Under 14 years
42,580	1. Married - spouse in household
591	2. Married - spouse not in household
11,033	3. Widowed
6,769	4. Divorced
2,130	5. Separated
11,718	6. Never married
282	7. Unknown

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
----------------	----------	-----------	-----------------

49 L-1

VETERAN STATUS

58,846	1. Non-veteran
100	2. WW I
5,675	3. WW II
2,172	4. Korean War
2,808	5. Vietnam veteran
515	6. Post-Vietnam
1,534	7. Other service
194	8. Served in Armed Forces, unknown if war veteran
623	9. Unknown if served in Armed Forces
11,081	Blank. Under 18 years of age

50 L-1

ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES

58,846	0. Non-veteran
705	1. All service in Guard/Reserve
1,891	2. Some service in Guard/Reserve
13	3. Unknown if all service in Guard/Reserve
9,784	4. No active service in Guard/Reserve
1,228	5. Unknown if ever active member in

Guard/Reserve or if served in Armed
Forces

11,081 Blank. Under 18 years of age

51-52 L-2 EDUCATION OF INDIVIDUAL - COMPLETED YEARS

2,007 00. Never attended; kindergarten only
54,858 01-12. Grades 1-12

College:

4,624 13. 1 year
5,507 14. 2 years
2,173 15. 3 years
5,712 16. 4 years
1,310 17. 5 years
3,444 18. 6 years or more
903 19. Unknown
3,010 Blank. Under 5 years of age

1

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
-------------------	----------	-----------	-----------------

53 Recode EDUCATION OF INDIVIDUAL RECODE

2,007 0. None; kindergarten only
17,320 1. 1-8 years (elementary)
12,664 2. 9-11 years (high school)
24,874 3. 12 years (high school graduate)
12,304 4. 1-3 years (college)
5,712 5. 4 years (college graduate)
4,754 6. 5+ years (post-college)
903 7. Unknown
3,010 Blank. Under 5 years of age

54-55 - HIGHEST EDUCATION OF RESPONSIBLE ADULT
FAMILY MEMBER (Detail)

233 00. Never attended; kindergarten only
47,105 01-12. Grades 1-12

College:

6,247 13. 1 year
8,216 14. 2 years

3,185	15. 3 years
9,178	16. 4 years
2,423	17. 5 years
6,552	18. 6 years or more
409	19. Unknown

56
FAMILY

-

HIGHEST EDUCATION OF RESPONSIBLE ADULT

MEMBER - Recode

233	0. None; kindergarten only
7,796	1. 1-8 years (elementary)
9,858	2. 9-11 years (high school)
29,451	3. 12 years (high school graduate)
17,648	4. 1-3 years (college)
9,178	5. 4 years (college graduate)
8,975	6. 5+ years (post-college)
409	7. Unknown

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
----------------	----------	-----------	-----------------

57	L-8		FAMILY INCOME \$20,000 OR MORE
		38,261	1. Less than \$20,000
		43,110	2. \$20,000 or more
		2,177	3. Unknown

58-59	L-8		FAMILY INCOME
		443	00. Less than \$ 1,000
		641	01. \$ 1,000 - \$ 1,999
		787	02. 2,000 - 2,999
		1,138	03. 3,000 - 3,999
		2,186	04. 4,000 - 4,999
		1,885	05. 5,000 - 5,999
		2,336	06. 6,000 - 6,999
		2,032	07. 7,000 - 7,999
		1,920	08. 8,000 - 8,999
		1,691	09. 9,000 - 9,999
		2,231	10. 10,000 - 10,999
		1,366	11. 11,000 - 11,999
		2,361	12. 12,000 - 12,999
		1,356	13. 13,000 - 13,999
		1,423	14. 14,000 - 14,999

1,926	15.	15,000 - 15,999
1,208	16.	16,000 - 16,999
1,247	17.	17,000 - 17,999
1,857	18.	18,000 - 18,999
1,997	19.	19,000 - 19,999
6,649	20.	20,000 - 24,999
5,875	21.	25,000 - 29,999
5,055	22.	30,000 - 34,999
4,013	23.	35,000 - 39,999
3,356	24.	40,000 - 44,999
2,996	25.	45,000 - 49,999
10,557	26.	\$50,000 and over
13,016	27.	Unknown

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
60	Recode		FAMILY INCOME RECODE
		5,195	0. Under \$5,000
		4,221	1. \$ 5,000 - \$ 6,999
		5,643	2. 7,000 - 9,999
		8,737	3. 10,000 - 14,999
		8,235	4. 15,000 - 19,999
		6,649	5. 20,000 - 24,999
		10,930	6. 25,000 - 34,999
		10,365	7. 35,000 - 49,999
		10,557	8. \$50,000 or more
		13,016	9. Unknown
61	Generated		NHIS POVERTY INDEX*
		63,593	1. Above poverty threshold
		11,521	2. Below poverty threshold
		8,434	3. Unknown
62-63			FAMILY RELATIONSHIP
62	A-2		TYPE OF FAMILY
		15,862	&. Primary individual
		1,046	-. Secondary individual
		66,535	0. Primary family
		105	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		15,326	&. Reference person, living alone
		29,781	0. Reference person, 2+ persons in household

20,793	1. Spouse, other spouse NOT in Armed Forces and living at home
215	2. Spouse, other spouse IN Armed Forces and living at home
14,178	3. Child of reference person or spouse
610	4. Grandchild of reference person or spouse
1,335	5. Parent of reference person or spouse
1,303	6. Other relative
7	7. Child of ineligible reference person
0	9. DK or refused

*Based on family size, number of children under 18 years of age & family income using the 1988 poverty levels derived from the August, 1989 Current Population Survey.

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
64	Recode		FAMILY RELATIONSHIP RECODE
		15,326	1. Living alone
		1,582	2. Living only with non-relative
		45,564	3. Living with spouse
		24,076	4. Living with relative - other
65-66	Generated		SIZE OF FAMILY* Unrelated individuals are coded 01
67	Generated		SIZE OF FAMILY RECODE 1-8. Number of members 9. 9+ members
68	A-2		PARENT/OTHER ADULT RELATIVE (under 25 years and never married)
		8,401	1. Both parents, no other relative
		2,563	2. Mother only
		177	3. Father only
		886	4. Both parents and other 21+ year old adult relative
		658	5. Mother and other 21+ year old adult relative

	51	6. Father and other 21+ year old adult relative
adult	155	7. No parent, but one 21+ year old relative
	168	8. No parent, but two or more 21+ year old adult relatives
	132	9. Unknown
	1,050	0. Other
ever	69,307	Blank. Not applicable (25+ years old or married)

*Count includes spouse in military but living at home.

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
69	B-1 B-8		MAJOR ACTIVITY (18+ years old)
		30,232	1. Working
		19,636	2. Keeping house
		2,298	3. Going to school
		19,659	4. Something else
		642	5. Unknown
		11,081	Blank. Not applicable (Under 18 years)
70	G-4		HEALTH STATUS
		15,019	1. Excellent
		18,333	2. Very Good
		22,786	3. Good
		16,177	4. Fair
		10,858	5. Poor
		375	6. Unknown
71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
activity		14,584	1. Unable to perform major activity
		15,608	2. Limited in kind/amount major
		11,658	3. Limited in other activities
		41,698	4. Not limited (includes unknowns)

72 Recode

ACTIVITY LIMITATION STATUS MEASURED BY
"ABILITY TO WORK" (18-69 years)

14,294	1. Unable to work
8,174	2. Limited in kind/amount of work
5,584	3. Limited in other activities
28,347	4. Not limited (includes unknowns)
27,149	Blank. Not applicable (under 18 years, 70+ years)

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		222	1. Unable to attend school
		1,052	2. Attends special school/classes
		128	3. Needs special school/classes
		381	4. Limited in school attendance
		676	5. Limited in other activities
		5,612	6. Not limited (includes unknowns)
		75,477	Blank. Not applicable (under 5 years or 18+ years)
74	B-14		NEEDS HELP WITH PERSONAL CARE (5-59 years and limited, or age 60-69 years)*
old		1,928	1. Unable to perform personal care
needs		4,452	2. Limited in performing other routine needs
or		28,037	3. Not limited in performing personal routine needs
		28	4. Unknown
		49,103	Blank. Not applicable (under 5 years; 5-59 years not limited; 70+ years old)
75	D-1		EMPLOYMENT STATUS IN PAST 2 WEEKS (18+ years)
years)			In the Labor Force: (1-7)
			Currently Employed: (1-3)
		30,605	1. Worked in past 2 weeks
		1,315	2. Did not work, has job; not on lay-
off			and not looking for work

8	3.	Did not work, has job; looking for work
	Unemployed: (4-7)	
126	4.	Did not work, has job; on lay-off
2	5.	Did not work, has job; on lay-off and looking for work
303	6.	Did not work, has job; unknown if looking or on lay-off
1,192	7.	Did not work, no job; looking for work or on lay-off
	Not in Labor Force (18+ years): (8)	
38,916	8.	Not in Labor Force (18+ years)
11,081	Blank.	Not applicable (Under 18 years old)

*For persons 70+ years, codes 1 and 2 in loc. 71 correspond to codes 1 and 2 in loc. 74

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
76	L-6		CLASS OF WORKER
		38,916	0. Not in labor force
		23,047	1. Private company
		1,168	2. Federal Government employee
		1,513	3. State Government employee
		2,894	4. Local Government employee
		767	5. Incorporated business
		3,350	6. Self-employed
		103	7. Without pay
		32	8. Never worked
		677	9. Unknown
		11,081	Blank. Under 18
77-79	L-6		INDUSTRY DETAIL CODE
		33,551	010-996. Code number
		49,997	Blank. Not applicable
80-81	Recode		INDUSTRY RECODE 1
			SEE APPENDIX B

82-83 Recode INDUSTRY RECODE 2
SEE APPENDIX B

84-86 L-6 OCCUPATION DETAIL CODE
33,551 003-999. Code number
49,997 Blank. Not applicable

87-88 Recode OCCUPATION RECODE 1
SEE APPENDIX C

89-90 Recode OCCUPATION RECODE 2
SEE APPENDIX C

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
----------------	----------	-----------	-----------------

91	L-R		RESPONDENT
		10,401	0. Under 17
		53,633	1. Self-entirely
		4,395	2. Self-partly
		14,373	3. Proxy
		746	4. Unknown

92	Recode		CONDITION LIST ASSIGNED AND ASKED
		15,907	1. Condition List 1, Skin and musculoskeletal
		14,724	2. Condition List 2, Impairments
		11,073	3. Condition List 3, Digestive
		12,264	4. Condition List 4, Miscellaneous
		12,784	5. Condition List 5, Circulatory
		15,143	6. Condition List 6, Respiratory
		1,653	7. Unknown

93-96 K-3 ICD/NHIS CODE (DIAGNOSTIC CODE)

(See ICD-9 rubric and NHIS Medical Coding Manual, Part III of documentation)

97-99	Recode	CONDITION RECODE (B) (ICD Recode, modified for NHIS) (See Diagnostic Recodes Section)
<hr/>		
100-103	Recode	ACUTE RECODE (A) (See Diagnostic Recodes Section)
<hr/>		
104-106	Recode	CHRONIC RECODE (C) (See Diagnostic Recodes Section)

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
107	K-3		CHRONIC/ACUTE CODE
		70,657	1. Chronic
		12,891	2. Acute
<hr/>			
108	K-5		ONSET
		8,481	1. During the past 2 weeks
		5,860	2. Over 2 weeks to 3 months
		9,400	3. Over 3 months to 12 months
		19,888	4. Over 1 year to 5 years
		39,919	5. Over 5 years
<hr/>			
109	K-2		DOCTOR LAST SEEN FOR THIS CONDITION
		237	0. Interview week
		21,376	1. 2-week reference period
		25,239	2. Over 2 weeks, less than 6 months
		8,534	3. 6 months, less than 1 year
		5,490	4. 1 year, less than 2 years
		5,113	5. 2 years, less than 5 years
		5,536	6. 5 years or more

1,207	7. Doctor seen, DK when
914	8. DK if doctor seen
9,902	9. Doctor never seen

110	Recode		DOCTOR EVER SEEN FOR THIS CONDITION
		73,646	1. Yes
		9,902	2. No

111-112	K-6		TOTAL RESTRICTED ACTIVITY DAYS IN PAST 2 WEEKS FOR THIS CONDITION
		68,351	00. None
		15,197	01-14. 1-14 days

113-114	K-7		BED DAYS IN PAST 2 WEEKS FOR THIS CONDITION
		74,823	00. None
		8,725	01-14. 1-14 days

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
115-116	K-8		WORK-LOSS DAYS IN PAST 2 WEEKS FOR THIS CONDITION (control on Currently Employed, 75:1-3)
		80,096	00. None
		3,452	01-14. 1-14 days
117-118	K-9		SCHOOL-LOSS DAYS IN PAST 2 WEEKS FOR THIS CONDITION
		81,447	00. None
		2,101	01-14. 1-14 days
119-121	K-10		BED DAYS IN PAST 12 MONTHS FOR THIS CONDITION*
		33,184	000. None
		5,346	001-365. Days
		32,127	366. Unknown/not a "check-list"

12,891 Blank. Not a chronic condition

126	Recode		CONDITION CAUSES ACTIVITY LIMITATION (all ages) (Refer to loc. 71 in all records except household for activity limitation status.)
of		16,691	1. Limited, this condition main cause limitation
		9,877	2. Limited, this condition secondary cause of limitation
		15,282	3. Limited, but not caused by this condition
		41,698	4. Not limited

*Use only for check-list conditions.

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
127	Recode		CONDITION CAUSES LIMITATION IN ABILITY TO WORK (for all persons 18-69 years of age)
		8,577	1. Limited in work, this condition main cause of this limitation
		5,164	2. Limited in work, this condition secondary cause of this limitation
		8,727	3. Limited in work but not caused by this condition
		33,931	4. Not limited in work
		27,149	Blank. Not applicable
128	-		ALL INJURIES*
		9,387	1. First
		1,160	2. Not first
		73,001	Blank. Not an injury
129	Recode		IS INJURY ADVERSE REACTION OR COMPLICATION OF MEDICAL CARE
		81	1. Yes, adverse reaction**
		403	2. Yes, complication of medical care (therapeutic misadventure)**
		10,063	3. No, other injury
		73,001	Blank. Not an injury

130	K-14	PLACE OF ACCIDENT	
		1,020	1. At home (inside house)
		1,035	2. At home (adjacent premises)
roadway		2,550	3. Street and highway (including and public sidewalks)
		198	4. Farm
premises)		2,009	5. Industrial place (including
		512	6. School (including premises)
		606	7. Place of recreation and sports, except school
		1,145	8. Other
		1,472	9. Unknown
		73,001	Blank. Not an injury

*Includes all conditions reported as caused by an accident or injury, conditions with ICD codes 800-999 and impairments (X-codes) due to accidents or injuries.

**Locations 130-134 are coded 'Unknown' for these injuries.
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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
131	K-15		AT WORK AT TIME OF ACCIDENT
		2,754	1. Yes
		4,325	2. No
		1,488	3. Not applicable, under 18 at time of accident
		407	4. Not applicable, in Armed Forces
		1,573	5. Unknown
		73,001	Blank. Not an injury
132	K-16		MOTOR VEHICLE INVOLVED
		2,636	1. Yes
		6,865	2. No
		1,046	3. Unknown
		73,001	Blank. Not an injury
133	K-16		NUMBER OF VEHICLES INVOLVED

1,601	1. One
1,004	2. Two or more
31	3. Unknown
80,912	Blank. Not an injury/no or unknown if motor vehicle involved

134	K-16		MOVING MOTOR VEHICLE INVOLVED
		2,300	1. Yes
		277	2. No
		59	3. Unknown
		80,912	Blank. Not an injury/no or unknown if motor vehicle involved

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
135-137	Recode		CLASS OF ACCIDENT
		9,656	111-322.
		407	400. SEE APPENDIX D
		403	500.
		81	600.
		73,001	Blank. Not an injury
138	Recode		SELECTED FIRST INJURY*
		7,290	1. First
		686	2. Not first
		75,572	Blank. Not a selected injury
139	Recode		CONDITION CAUSES PERSONAL CARE ACTIVITY LIMITATION (5-59 years old and limited, or age 60-69 years)
		1,965	1. Limited, condition main cause of limitation
		1,052	2. Limited, condition secondary cause limitation
		3,363	3. Limited, but not caused by this condition
		28,065	4. Not limited
		49,103	Blank. Not applicable (under 5 years, 5-59 years not limited, 70+ years old)

of

140-177	-		BLANK
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178	Master Record		TYPE OF SUBSTRATUM
		7,532	0. Permit
		8,733	1. Area, oversampled for blacks
		67,283	2. Area, not oversampled for blacks

179-181			FULL SAMPLE STRATUM IDENTIFIER
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182	Master Record		REGION
		15,344	1. Northeast
		21,232	2. Midwest
		29,976	3. South
		16,996	4. West

*Limited to conditions with ICD codes 800-999 and impairments (X-codes due to accidents or injuries.

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		32,628	1. 1,000,000 or more
		22,453	2. 250,000 - 999,999
		5,239	3. 100,000 - 249,999
		1,370	4. Under 100,000
		21,858	Blank. Non-MSA

184	-		BLANK
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185	Master Record		TYPE OF PSU
		42,357	1. MSA - Self-representing
		19,333	3. MSA - Nonself-representing
		3	4. Non-MSA - Self-representing
		21,855	6. Non-MSA - Nonself-representing

186	Recode		MSA - NON-MSA RESIDENCE
		26,891	1. MSA - Central City
		34,799	2. MSA - Not Central City
		20,680	3. Non-MSA - Nonfarm
		1,178	4. Non-MSA - Farm

187-189			PSEUDO PSU CODES
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190-200			CHRONIC CONDITION PREVALENCE AND INCIDENCE
with			FACTOR (XX.XXXXXXXXXX) - character format
			implied decimal

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
			FINAL BASIC WEIGHT
201-209			QUARTER
210-218			SEMI-ANNUAL (WT/2)
219-227			ANNUAL (WT/4)
			6.5 WEIGHT
228-236			QUARTER, SEMI-ANNUAL AND ANNUAL
			ESTIMATED RESTRICTED ACTIVITY DAYS IN PAST 2 WEEKS
237-245			QUARTER, SEMI-ANNUAL AND ANNUAL
			ESTIMATED BED DAYS IN PAST 2 WEEKS
246-254			QUARTER, SEMI-ANNUAL AND ANNUAL

255-263 ESTIMATED WORK-LOSS IN PAST 2 WEEKS
 QUARTER, SEMI-ANNUAL AND ANNUAL

264-272 ESTIMATED SCHOOL-LOSS DAYS IN PAST 2 WEEKS
 QUARTER, SEMI-ANNUAL AND ANNUAL

273-281 ESTIMATED BED DAYS IN PAST 12 MONTHS
 QUARTER
 282-290 SEMI-ANNUAL
 291-299 ANNUAL

300-335 BLANK

1NOTES:

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 D O C T O R V I S I T R E C O R D

1NOTES:

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 NHIS PUBLIC USE TAPE RECORDS
 Outline of Items and Codes
 Number of Records = 24,340
 DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-	24,340	RECORD TYPE 40. Two-week Doctor Visit Record
3-4	-	24,340	PROCESSING YEAR 89. 1989

5	-		PROCESSING QUARTER
		5,950	1. Quarter 1
		6,365	2. Quarter 2
		5,946	3. Quarter 3
		6,079	4. Quarter 4

6-8	HH-5		RANDOM RECODE OF PSU NUMBER
-----	------	--	-----------------------------

9-10	HH-5		WEEK - CENSUS CODE*
			01, 21, 41, 61, 81 ... Week 01
			02, 22, 42, 62, 82 ... Week 02
			03, 23, 43, 63, 83 ... Week 03
			04, 24, 44, 64, 84 ... Week 04
			05, 25, 45, 65, 85 ... Week 05
			06, 26, 46, 66, 86 ... Week 06
			07, 27, 47, 67, 87 ... Week 07
			08, 28, 48, 68, 88 ... Week 08
			09, 29, 49, 69, 89 ... Week 09
			10, 30, 50, 70, 90 ... Week 10
			11, 31, 51, 71, 91 ... Week 11
			12, 32, 52, 72, 92 ... Week 12
			13, 33, 53, 73, 93 ... Week 13

*This code represents the initial week of assignment. The interview may be re-assigned for administrative purposes. See Locations 19-20 for the code which reflects the actual week assigned for conducting the interview.

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
11-12	HH-5		SEGMENT NUMBER
			Week plus Segment Number identifies the segment
13-14	HH-5		HOUSEHOLD NUMBER
			Numbered within PSU-Week-Segment

15-16	-	PERSON NUMBER
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17-18	-	DOCTOR VISIT SERIAL NUMBER
		01-99. Serial Number

19-20	HH-5	PROCESSING WEEK CODE (Numbered within Quarter)
		1,388 Week 01.
		1,975 Week 02.
		1,872 Week 03.
		1,967 Week 04.
		1,978 Week 05.
		2,042 Week 06.
		1,958 Week 07.
		1,916 Week 08.
		1,975 Week 09.
		1,964 Week 10.
		1,841 Week 11.
		1,788 Week 12.
		1,676 Week 13.

21	BLANK
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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		246	00. Housing unit; kind unknown
		22,725	01. House, apartment, flat
		8	02. HU in nontransient hotel, motel, etc.
		19	03. HU-permanent in transient hotel, motel, etc.
		4	04. HU in rooming house
		1,000	05. Mobile home or trailer with no permanent room added
		147	06. Mobile home or trailer with one or

more permanent rooms added

2	07. HU not specified above
---	----------------------------

Other Unit = (08-13)

10	08. Quarters not HU in rooming or boarding house
0	09. Unit not permanent in transient hotel, motel, etc.
19	10. Unoccupied site for mobile home, trailer, or tent
131	11. Student quarters in college dormitory
29	12. Other unit not specified above
0	13. Other unit; kind unknown

24	HH-11		HAS TELEPHONE
		22,095	1. Yes, phone number given
		769	2. Yes, no phone number given
		1,303	3. No
		173	4. Unknown

25	A-1		SEX
		9,928	1. Male
		14,412	2. Female

26	-		BLANK
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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
27-28	Person Column		AGE
		781	00. Under 1 year
		23,551	01-98. Number of years
		8	99. 99+ years of age

29	Recode		AGE RECODE #1
		2,376	1. Under 5 years
		2,991	2. 5-17 years
		1,694	3. 18-24 years

7,115	4. 25-44 years
5,255	5. 45-64 years
1,533	6. 65-69 years
1,228	7. 70-74 years
2,148	8. 75 years and over

30	Recode	AGE RECODE #2
	2,682	1. Under 6 years
	2,438	2. 6-16 years
	1,941	3. 17-24 years
	3,704	4. 25-34 years
	3,411	5. 35-44 years
	2,731	6. 45-54 years
	2,524	7. 55-64 years
	2,761	8. 65-74 years
	2,148	9. 75 years and over

31-32	Recode	AGE RECODE #3
	1,723	00-35. Months
	22,617	36. Over 3 years

33	BLANK
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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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34-39	A-3	MONTH AND YEAR OF BIRTH
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34-35	MONTH
	01. January
	02. February
	03. March
	04. April
	05. May
	06. June
	07. July
	08. August
	09. September
	10. October
	11. November

12. December
 99. DK or refused

36-39

YEAR OF BIRTH

1800-1899. 1800-1899
 1900-1990. 1900-1990
 9999. DK or refused

40-41

BLANK

42 L-3

MAIN RACIAL BACKGROUND - Reported

232	1. Aleut, Eskimo, or American Indian
339	2. Asian/Pacific Islander
3,140	3. Black
20,039	4. White
314	5. Other
69	6. Multiple race
207	7. Unknown

1

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NHIS PUBLIC USE TAPE RECORDS
 DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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43-45 Recode RACE RECODES

43 RECODE 1

20,588	1. White
3,170	2. Black
582	3. Other

44 RECODE 2

20,588	1. White
3,752	2. Non-white

45 RECODE 3

3,170	1. Black
21,170	2. Non-black

46-47 L-4

HISPANIC ORIGIN

26	00. Multiple Hispanic
238	01. Puerto Rican

57	02. Cuban
235	03. Mexican-Mexicano
557	04. Mexican-American
18	05. Chicano
183	06. Other Latin American
259	07. Other Spanish
31	08. Spanish, DK type
221	09. Unknown if Spanish origin
22,515	10. Not Spanish origin

48 L-7

MARITAL STATUS

4,508	0. Under 14 years
11,643	1. Married - spouse in household
155	2. Married - spouse not in household
2,170	3. Widowed
1,716	4. Divorced
552	5. Separated
3,485	6. Never married
111	7. Unknown

1

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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49 L-1

VETERAN STATUS

15,724	1. Non-veteran
12	2. WW I
1,303	3. WW II
484	4. Korean War
605	5. Vietnam veteran
174	6. Post-Vietnam
418	7. Other service
67	8. Served in Armed Forces, unknown if war veteran
186	9. Unknown if served in Armed Forces
5,367	Blank. Under 18 years of age

50 L-1

ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES

15,724	0. Non-veteran
198	1. All service in Guard/Reserve
416	2. Some service in Guard/Reserve
5	3. Unknown if all service in Guard/Reserve
2,317	4. No active service in Guard/Reserve
313	5. Unknown if ever active member in Guard/Reserve or if served in Armed

5,367 Forces
Blank. Under 18 years of age

51-52	L-2		EDUCATION OF INDIVIDUAL - COMPLETED YEARS
		762	00. Never attended; kindergarten only
		13,848	01-12. Grades 1-12
			College:
		1,357	13. 1 year
		1,756	14. 2 years
		647	15. 3 years
		1,776	16. 4 years
		423	17. 5 years
		1,150	18. 6 years or more
		245	19. Unknown
		2,376	Blank. Under 5 years of age

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
53	Recode		EDUCATION OF INDIVIDUAL RECODE
		762	0. None; kindergarten only
		4,007	1. 1-8 years (elementary)
		3,121	2. 9-11 years (high school)
		6,720	3. 12 years (high school graduate)
		3,760	4. 1-3 years (college)
		1,776	5. 4 years (college graduate)
		1,573	6. 5+ years (post-college)
		245	7. Unknown
		2,376	Blank. Under 5 years of age

54-55 FAMILY	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT MEMBER (Detail)
		46	00. Never attended; kindergarten only
		12,111	01-12. Grades 1-12
			College:
		1,929	13. 1 year
		2,707	14. 2 years
		1,045	15. 3 years

3,162	16.	4 years
818	17.	5 years
2,399	18.	6 years or more
123	19.	Unknown

56
FAMILY

-

HIGHEST EDUCATION OF RESPONSIBLE ADULT

MEMBER - Recode

46	0.	None; kindergarten only
1,453	1.	1-8 years (elementary)
2,378	2.	9-11 years (high school)
8,280	3.	12 years (high school graduate)
5,681	4.	1-3 years (college)
3,162	5.	4 years (college graduate)
3,217	6.	5+ years (post-college)
123	7.	Unknown

1

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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57	L-8		FAMILY INCOME \$20,000 OR MORE
		9,299	1. Less than \$20,000
		14,425	2. \$20,000 or more
		616	3. Unknown

58-59	L-8		FAMILY INCOME
		137	00. Less than \$1,000
		149	01. \$ 1,000 - \$ 1,999
		232	02. 2,000 - 2,999
		246	03. 3,000 - 3,999
		459	04. 4,000 - 4,999
		444	05. 5,000 - 5,999
		547	06. 6,000 - 6,999
		428	07. 7,000 - 7,999
		426	08. 8,000 - 8,999
		442	09. 9,000 - 9,999
		569	10. 10,000 - 10,999
		300	11. 11,000 - 11,999
		589	12. 12,000 - 12,999
		416	13. 13,000 - 13,999
		309	14. 14,000 - 14,999
		504	15. 15,000 - 15,999

374	16.	16,000 - 16,999
336	17.	17,000 - 17,999
471	18.	18,000 - 18,999
531	19.	19,000 - 19,999
1,806	20.	20,000 - 24,999
1,905	21.	25,000 - 29,999
1,746	22.	30,000 - 34,999
1,331	23.	35,000 - 39,999
1,144	24.	40,000 - 44,999
1,025	25.	45,000 - 49,999
4,066	26.	\$50,000 and over
3,408	27.	Unknown

1

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
60	Recode		FAMILY INCOME RECODE
		1,223	0. Under \$5,000
		991	1. \$ 5,000 - \$ 6,999
		1,296	2. 7,000 - 9,999
		2,183	3. 10,000 - 14,999
		2,216	4. 15,000 - 19,999
		1,806	5. 20,000 - 24,999
		3,651	6. 25,000 - 34,999
		3,500	7. 35,000 - 49,999
		4,066	8. \$50,000 or more
		3,408	9. Unknown
61	Generated		NHIS POVERTY INDEX*
		19,392	1. Above poverty threshold
		2,934	2. Below poverty threshold
		2,014	3. Unknown
62-63			FAMILY RELATIONSHIP
62	A-2		TYPE OF FAMILY
		3,650	&. Primary individual
		325	-. Secondary individual
		20,340	0. Primary family
		25	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		3,515	&. Reference person, living alone
		7,473	0. Reference person, 2+ persons in household
		6,174	1. Spouse, other spouse NOT in Armed Forces and living at home

101	2. Spouse, other spouse IN Armed Forces and living at home
6,135	3. Child of reference person or spouse
285	4. Grandchild of reference person or spouse
277	5. Parent of reference person or spouse
378	6. Other relative
2	7. Child of ineligible reference person
0	9. DK or refused

*Based on family size, number of children under 18 years of age and family income using the 1988 poverty levels derived from the August, 1989 Current Population Survey.

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
64	Recode		FAMILY RELATIONSHIP RECODE
		3,515	1. Living alone
		460	2. Living only with non-relative
		11,639	3. Living with spouse
		8,726	4. Living with relative - other
65-66	Generated		SIZE OF FAMILY* Unrelated individuals are coded 01
67	Generated		SIZE OF FAMILY RECODE 1-8. Number of members 9. 9+ members
68	A-2		PARENT/OTHER ADULT RELATIVE (under 25 years old and never married)
		4,204	1. Both parents, no other relative
		941	2. Mother only
		82	3. Father only
		347	4. Both parents and other 21+ year old adult relative
		277	5. Mother and other 21+ year old adult relative
		17	6. Father and other 21+ year old adult relative

adult	52	7. No parent, but one 21+ year old relative
	68	8. No parent, but two or more 21+ year old adult relatives
	48	9. Unknown
	349	0. Other
	17,955	Blank. Not applicable (25+ years old or ever married)

*Count includes spouse in military but living at home.

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
69	B-1 B-8		MAJOR ACTIVITY (18+ years old)
		9,114	1. Working
		4,475	2. Keeping house
		784	3. Going to school
		4,463	4. Something else
		137	5. Unknown
		5,367	Blank. Not applicable (Under 18 years)
70	G-4		HEALTH STATUS
		5,825	1. Excellent
		5,651	2. Very Good
		6,330	3. Good
		3,606	4. Fair
		2,800	5. Poor
		128	6. Unknown
71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
activity		3,722	1. Unable to perform major activity
		2,879	2. Limited in kind/amount major
		1,864	3. Limited in other activities
		15,875	4. Not limited (includes unknowns)
72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)

3,450	1. Unable to work
1,453	2. Limited in kind/amount of work
892	3. Limited in other activities
9,802	4. Not limited (includes unknowns)
8,743	Blank. Not applicable (under 18 years, 70+ years)

1

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		78	1. Unable to attend school
		171	2. Attends special school/classes
		26	3. Needs special school/classes
		117	4. Limited in school attendance
		167	5. Limited in other activities
		2,432	6. Not limited (includes unknowns)
		21,349	Blank. Not applicable (under 5 years or 18+ years)
74	B-14		NEEDS HELP WITH PERSONAL CARE (5-59 years and limited, or age 60-69 years)*
old		619	1. Unable to perform personal care
needs		1,125	2. Limited in performing other routine needs
or		5,708	3. Not limited in performing personal routine needs
		41	4. Unknown
		16,847	Blank. Not applicable (under 5 years; 5-59 years not limited; 70+ years old)
75	D-1		EMPLOYMENT STATUS IN PAST 2 WEEKS (18+ years)
			In the Labor Force: (1-7)
			Currently employed: (1-3)
		8,715	1. Worked in past 2 weeks
		879	2. Did not work, has job; not on lay-off and not looking for work
		2	3. Did not work, has job; looking for work

		Unemployed: (4-7)
and	45	4. Did not work, has job; on lay-off
	1	5. Did not work, has job; on lay-off
		looking for work
	108	6. Did not work, has job; unknown if looking or on lay-off
	323	7. Did not work, no job; looking for work or on lay-off
		Not in Labor Force (18+ years): (8)
	8,900	8. Not in Labor Force (18+ years)
	5,367	Blank. Not applicable (Under 18 years old)

*For persons 70+ years, codes 1 and 2 in loc. 71 correspond to codes 1 and 2 in loc. 74.

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
76	L-6		CLASS OF WORKER
		8,900	0. Not in labor force
		7,060	1. Private company
		409	2. Federal Government employee
		476	3. State Government employee
		891	4. Local Government employee
		190	5. Incorporated business
		788	6. Self-employed
		23	7. Without pay
		14	8. Never worked
		222	9. Unknown
		5,367	Blank. Under 18
77-79	L-6		INDUSTRY DETAIL CODE
		10,073	010-996. Code number
		14,267	Blank. Not applicable
80-81	Recode		INDUSTRY RECODE 1
			SEE APPENDIX B
82-83	Recode		INDUSTRY RECODE 2
			SEE APPENDIX B
84-86	L-6		OCCUPATION DETAIL CODE

10,073 003-999. Code number
 14,267 Blank. Not applicable

87-88	Recode	OCCUPATION RECODE 1
		SEE APPENDIX C

89-90	Recode	OCCUPATION RECODE 2
		SEE APPENDIX C

NHIS PUBLIC USE TAPE RECORDS
 DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
91	L-R		RESPONDENT
		5,120	0. Under 17
		13,796	1. Self-entirely
		1,189	2. Self-partly
		3,988	3. Proxy
		247	4. Unknown
92	Recode		CONDITION LIST ASSIGNED AND ASKED
		4,032	1. Condition List 1, Skin and musculoskeletal
		3,969	2. Condition List 2, Impairments
		4,046	3. Condition List 3, Digestive
		3,875	4. Condition List 4, Miscellaneous
		3,942	5. Condition List 5, Circulatory
		3,971	6. Condition List 6, Respiratory
		505	7. Unknown
93-96	F-1		DATE OF VISIT
		0	6666. During 2 weeks, DK when
		1,871	7777. Last week, DK day
		1,983	8888. Week before, DK day
93-94			MONTH
		1,559	01. January
		1,751	02. February
		1,846	03. March
		1,781	04. April
		1,841	05. May
		1,616	06. June
		1,508	07. July

1,868	08. August
1,578	09. September
1,776	10. October
1,682	11. November
1,486	12. December
194	99. DK month

95-96

DAY

20,292	01-31. Day of month
194	99. DK day codes for Unknown in month and day

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
97-98	Recode		DOCTOR VISIT VALUES (Number of days between Date of Visit and Interview)
period		234	00. Visit on last Sunday of reference
		512	01. Visit on second Saturday of reference period
		2,221	02. Visit on second Friday of reference period
		1,968	03. Visit on second Thursday of reference period
		1,900	04. Visit on second Wednesday of reference period
		1,919	05. Visit on second Tuesday of reference period
		2,146	06. Visit on second Monday of reference period
		244	07. Visit on first Sunday of reference period
		499	08. Visit on first Saturday of reference period
		1,846	09. Visit on first Friday of reference period
		1,567	10. Visit on first Thursday of reference period
		1,643	11. Visit on first Wednesday of reference period
		1,680	12. Visit on first Tuesday of reference period
		1,913	13. Visit on first Monday of reference period
	4,048	14. No value (records not coded 01-31 in Day of Month of Visit)	

99	Recode		DAY OF WEEK OF VISIT
		4,059	1. Monday
		3,599	2. Tuesday
		3,543	3. Wednesday
		3,535	4. Thursday
		4,067	5. Friday
		1,011	6. Saturday
		478	7. Sunday
		4,048	8. Unknown

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
100	Recode		WEEK OF VISIT
		12,771	1. Last week
		11,375	2. Week before
		194	3. During 2 weeks, DK when
101-102			PLACE OF VISIT
		2,854	01. Telephone
			Not in Hospital
		535	02. Home
		14,287	03. Doctor's office
		324	04. Company or Industrial clinic
		1,670	05. Other clinic
		71	06. Laboratory
		642	07. Other
			In Hospital
		1,761	08. Outpatient clinic
		838	09. Emergency Room
		700	10. Doctor's office
		154	11. Laboratory
		336	12. Other
		168	13. Unknown
103	Recode		PLACE OF VISIT
		2,854	1. Telephone
		14,287	2. Doctor's office (not in hospital)
		1,761	3. Hospital Outpatient clinic
		838	4. Hospital Emergency Room

700	5. Doctor's office in hospital
324	6. Company or Industry clinic
535	7. Home
2,873	8. Other place (Loc. 101-102 = 5,6,7,11,12)
168	9. Unknown

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
104	F-3		MEDICAL DOCTOR ACTUALLY TALKED TO
		18,763	1. Yes
		5,205	2. No
		372	3. Unknown
105-106	F-3		KIND OF MEDICAL DOCTOR FOR THIS DOCTOR VISIT/CONTACT
		1,418	00. M.D., DK if G.P. or specialist
		9,227	01. General practitioner
		23	02. Anesthesiologist
		427	03. Dermatologist
		2,896	04. Internist
		362	05. Neurologist
		1,558	06. Obstetrician/Gynecologist
		754	07. Ophthalmologist
		1,227	08. Orthopedist
		120	09. Osteopath
		475	10. Otolaryngologist
		3	11. Pathologist
		2,172	12. Pediatrician
		21	13. Proctologist
		370	14. Psychiatrist
		468	15. Radiologist
		544	16. Surgeon (not listed above)
		450	18. Urologist
		222	19. Other M.D. specialist
		245	20. Specialist, DK kind
		77	21. Family Practice (specialist)
		1,166	22. DK if medical doctor
		115	Blank. Not applicable; no medical doctor reported for this visit/contact

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
107-108	F-3		TYPE OF MEDICAL ASSISTANT SEEN/TALKED TO
		106	31. Nurse practitioner
		81	32. Physician's assistant
		2,433	33. Nurse
		164	34. Laboratory technician
		4	35. Paramedic
		632	36. Physical therapist
		8	37. Social worker
		32	38. Pharmacist
		105	39. X-ray technician
		194	40. Other technician
		49	41. Dentist/oral surgeon
		61	42. Optometrist/Optician
		571	43. Chiropractor
		207	44. Foot specialist
		3	45. Dietician
		112	46. Psychologist
		11	47. Nutritionist
		0	48. Naprapath
		0	49. Orthoptic technician/Orthopist
		281	50. Other non-medical person
		523	51. Unknown type of medical assistant
		18,763	Blank. Not applicable; medical assistant not talked to (Location 104 = 1)

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
109-110	F-3		TYPE OF PERSON TALKED TO/SEEN
		720	00. M.D., DK if G.P. or specialist
		7,746	01. General practitioner
		22	02. Anesthesiologist
		391	03. Dermatologist
		2,222	04. Internist
		296	05. Neurologist
		1,309	06. Obstetrician/Gynecologist
		724	07. Ophthalmologist
		872	08. Orthopedist

115	09. Osteopath
413	10. Otolaryngologist
1	11. Pathologist
1,906	12. Pediatrician
20	13. Proctologist
318	14. Psychiatrist
359	15. Radiologist
475	16. Surgeon (not listed above)
351	18. Urologist
175	19. Other M.D. specialist
194	20. Specialist, DK kind
61	21. Family Practice (specialist)
106	31. Nurse practitioner
81	32. Physician's assistant
2,433	33. Nurse
164	34. Laboratory technician
4	35. Paramedic
632	36. Physical therapist
8	37. Social worker
32	38. Pharmacist
105	39. X-ray technician
194	40. Other technician
49	41. Dentist/Oral surgeon
61	42. Optometrist/Optician
571	43. Chiropractor
207	44. Foot specialist
3	45. Dietician
112	46. Psychologist
11	47. Nutritionist
0	48. Naprapath
0	49. Orthoptic technician/Orthoptist
281	50. Other non-medical person
523	51. Not MD; unknown type of medical assistant
70	52. Unknown if MD

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
111-161			CONDITIONS FOR WHICH DOCTOR VISITED
111-127			CONDITION NO. 1
111-112	F-4		SERIAL NUMBER
			01-99. Condition Serial Number Blank.
113-116	Condition Record		ICD/NHIS CODE
		207	0000. No matched condition record
		19,825	ICD/NHIS Code (note Unknown = 7999)

		4,308	Blank. No condition for this visit
117	Condition Record		CHRONIC/ACUTE CODE
		207	0. No matched condition record
		12,130	1. Chronic
		7,695	2. Acute
		4,308	Blank. No condition for this visit
118-121	Condition Record		ACUTE RECODE (A)
		207	0000. No matched condition record
		6,996	1001-5931. Acute Recode
		699	5932. All other acute conditions including unknowns
condition		16,438	Blank. Chronic condition or no for this visit
122-124	Condition Record		CHRONIC RECODE (C)
		207	000. No matched condition record
		9,102	101-615. Chronic Recode
		3,028	999. All other chronic conditions including unknowns
for		12,003	Blank. Acute condition or no condition this visit
125-127	Condition Record		CONDITION RECODE (B)
		207	000. No matched condition record
		19,679	010-570. Condition recode
		146	990. All other conditions including unknown
1		4,308	Blank. No condition for this visit
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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
111-161 cont...			CONDITIONS FOR WHICH DOCTOR VISITED -
128-144			CONDITION NO. 2
128-129	F-4		SERIAL NUMBER
			01-99. Condition Serial Number
			Blank.
130-133	Condition Record		ICD/NHIS CODE
		39	0000. No matched condition record
		3,263	ICD/NHIS Code (note Unknown = 7999)

		21,038	Blank. No condition for this visit
134	Condition Record		CHRONIC/ACUTE CODE
		39	0. No matched condition record
		2,343	1. Chronic
		920	2. Acute
		21,038	Blank. No condition for this visit
135-138	Condition Record		ACUTE RECODE (A)
		39	0000. No matched condition record
		760	1001-5931. Acute Recode
		160	5932. All other acute conditions including unknowns
condition		23,381	Blank. Chronic condition or no for this visit
139-141	Condition Record		CHRONIC RECODE (C)
		39	000. No matched condition record
		1,812	101-615. Chronic Recode
		531	999. All other chronic conditions including unknowns
for		21,958	Blank. Acute condition or no condition this visit
142-144	Condition Record		CONDITION RECODE (B)
		39	000. No matched condition record
		3,242	010-570. Condition recode
		21	990. All other conditions including unknown
1		21,038	Blank. No condition for this visit - 95 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
111-161 cont...			CONDITIONS FOR WHICH DOCTOR VISITED -
145-161			CONDITION NO. 3
145-146	F-4		SERIAL NUMBER
			01-99. Condition Serial Number Blank.
147-150	Condition Record		ICD/NHIS CODE
		19	0000. No matched condition record
		711	ICD/NHIS Code (note Unknown = 7999)

		23,610	Blank. No condition for this visit
151	Condition Record		CHRONIC/ACUTE CODE
		19	0. No matched condition record
		558	1. Chronic
		153	2. Acute
		23,610	Blank. No condition for this visit
152-155	Condition Record		ACUTE RECODE (A)
		19	0000. No matched condition record
		109	1001-5931. Acute Recode
		44	5932. All other acute conditions including unknowns
condition		24,168	Blank. Chronic condition or no for this visit
156-158	Condition Record		CHRONIC RECODE (C)
		19	000. No matched condition record
		428	101-615. Chronic Recode
		130	999. All other chronic conditions including unknowns
		23,763	Blank. Acute condition or no condition for this visit
159-161	Condition Record		CONDITION RECODE (B)
		19	000. No matched condition record
		702	010-570. Condition recode
		9	990. All other conditions including unknown
		23,610	Blank. No condition for this visit

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
162	F-5		OPERATIONS PERFORMED DURING THIS VISIT
		1,014	1. Yes
		19,814	2. No
		658	3. Unknown
		2,854	Blank. Not applicable (telephone call)
163-168	F-5		OPERATION CODE
163-164			OPERATION NO. 1
			See Appendix E

165-166 OPERATION NO. 2

See Appendix E

167-168 OPERATION NO. 3

See Appendix E

169-177 BLANK

178	Master Record		TYPE OF SUBSTRATUM
		2,771	0. Permit
		2,227	1. Area, oversampled for blacks
		19,342	2. Area, not oversampled for blacks

179-181 FULL SAMPLE STRATUM IDENTIFIER

182	Master Record		REGION
		4,823	1. Northeast
		6,033	2. Midwest
		8,245	3. South
		5,239	4. West

183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		10,371	1. 1,000,000 or more
		6,511	2. 250,000 - 999,999
		1,560	3. 100,000 - 249,999
		377	4. Under 100,000
		5,521	Blank. Non-MSA

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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184 BLANK

185	Master Record		TYPE OF PSU
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13,271	1. MSA - Self-representing
5,548	3. MSA - Nonself-representing
0	4. Non-MSA - Self-representing
5,521	6. Non-MSA - Nonself-representing

186	Recode	MSA - NON-MSA RESIDENCE
	7,937	1. MSA - Central City
	10,882	2. MSA - Not Central City
	5,217	3. Non-MSA - Nonfarm
	304	4. Non-MSA - Farm

187-189	PSEUDO PSU CODES
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190-200	CHRONIC CONDITION PREVALENCE AND INCIDENCE FACTOR (XX.XXXXXXXXXX) character format with implied decimal
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	FINAL BASIC WEIGHT
201-209	QUARTER
210-218	SEMI-ANNUAL (WT/2)
219-227	ANNUAL (WT/4)

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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		6.5 WEIGHT	
228-236		QUARTER, SEMI-ANNUAL AND ANNUAL	

237-335	BLANK
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H O S P I T A L R E C O R D

1NOTES:

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NHIS PUBLIC USE TAPE RECORDS
Outline of Items and Codes
Number of Records = 12,481
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		12,481	50. Hospital Record
3-4	-		PROCESSING YEAR
		12,481	89. 1989
5	-		PROCESSING QUARTER
		2,931	1. Quarter 1
		3,241	2. Quarter 2
		3,242	3. Quarter 3
		3,067	4. Quarter 4
6-8	HH-5		RANDOM RECODE OF PSU NUMBER
9-10	HH-5		WEEK - CENSUS CODE*
			01, 21, 41, 61, 81 ... Week 01
			02, 22, 42, 62, 82 ... Week 02
			03, 23, 43, 63, 83 ... Week 03
			04, 24, 44, 64, 84 ... Week 04
			05, 25, 45, 65, 85 ... Week 05
			06, 26, 46, 66, 86 ... Week 06
			07, 27, 47, 67, 87 ... Week 07
			08, 28, 48, 68, 88 ... Week 08
			09, 29, 49, 69, 89 ... Week 09
			10, 30, 50, 70, 90 ... Week 10
			11, 31, 51, 71, 91 ... Week 11
			12, 32, 52, 72, 92 ... Week 12
			13, 33, 53, 73, 93 ... Week 13

*This code represents the initial week of assignment. The interview may be re-assigned for administrative purposes. See Locations 19-20 for the code which reflects the actual week assigned for conducting the interview.

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
11-12	HH-5		SEGMENT NUMBER Week plus Segment Number identifies the segment
13-14	HH-5		HOUSEHOLD NUMBER Numbered within PSU-Week-Segment
15-16	-		PERSON NUMBER
17-18	-		HOSPITAL SERIAL NUMBER 01-99. Serial Number
19-20	HH-5		PROCESSING WEEK CODE (Numbered within Quarter)
		767	01. Week 01
		1,000	02. Week 02
		984	03. Week 03
		906	04. Week 04
		1,002	05. Week 05
		988	06. Week 06
		1,001	07. Week 07
		907	08. Week 08
		994	09. Week 09
		1,027	10. Week 10
		929	11. Week 11
		970	12. Week 12
		1,006	13. Week 13

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		103	00. Housing unit; kind unknown
		11,539	01. House, apartment, flat
		10	02. HU in nontransient hotel, motel, etc.
		4	03. HU-permanent in transient hotel, motel, etc.
		13	04. HU in rooming house
		634	05. Mobile home or trailer with no permanent room added
		102	06. Mobile home or trailer with one or more permanent rooms added
		5	07. HU not specified above
			Other Unit = (08-13)
		10	08. Quarters not HU in rooming or boarding house
		0	09. Unit not permanent in transient hotel, motel, etc.
		11	10. Unoccupied site for mobile home, trailer, or tent
		34	11. Student quarters in college dormitory
		16	12. Other unit not specified above
		0	13. Other unit; kind unknown
24	HH-11		HAS TELEPHONE
		11,003	1. Yes, phone number given
		374	2. Yes, no phone number given
		1,037	3. No
		67	4. Unknown
25	A-1		SEX
		4,935	1. Male
		7,546	2. Female
26	-		BLANK

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
27-28	Person Column		AGE
		247	00. Under 1 year
		12,234	01-98. Number of years
		0	99. 99+ years of age
29	Recode		AGE RECODE #1
		619	1. Under 5 years
		728	2. 5-17 years
		1,311	3. 18-24 years
		3,660	4. 25-44 years
		2,745	5. 45-64 years
		942	6. 65-69 years
		894	7. 70-74 years
		1,582	8. 75 years and over
30	Recode		AGE RECODE #2
		679	1. Under 6 years
		546	2. 6-16 years
		1,433	3. 17-24 years
		2,156	4. 25-34 years
		1,504	5. 35-44 years
		1,326	6. 45-54 years
		1,419	7. 55-64 years
		1,836	8. 65-74 years
		1,582	9. 75 years and over
31-32	Recode		AGE RECODE #3
		492	00-35. Months
		11,989	36. Over 3 years
33	-		BLANK

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
34-39	A-3		MONTH AND YEAR OF BIRTH
34-35			MONTH
			01. January 08. August
			02. February 09. September
			03. March 10. October
			04. April 11. November
			05. May 12. December
			06. June 99. DK or refused
			07. July
36-39			YEAR OF BIRTH
			1800-1899. 1800-1899
			1900-1990. 1900-1990
			9999. DK or refused
40-41			BLANK
42	L-3		MAIN RACIAL BACKGROUND - Reported
		130	1. Aleut, Eskimo, or American Indian
		169	2. Asian/Pacific Islander
		1,902	3. Black
		10,001	4. White
		181	5. Other
		19	6. Multiple race
		79	7. Unknown

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
-------------------	----------	-----------	-----------------

43-45	Recode	RACE RECODES	
43		RECODE 1	
	10,260	1.	White
	1,915	2.	Black
	306	3.	Other
44		RECODE 2	
	10,260	1.	White
	2,221	2.	Non-white
45		RECODE 3	
	1,915	1.	Black
	10,566	2.	Non-black

46-47	L-4	HISPANIC ORIGIN	
	7	00.	Multiple Hispanic
	121	01.	Puerto Rican
	52	02.	Cuban
	190	03.	Mexican-Mexicano
	309	04.	Mexican-American
	13	05.	Chicano
	97	06.	Other Latin American
	119	07.	Other Spanish
	22	08.	Spanish, DK type
	81	09.	Unknown if Spanish origin
	11,470	10.	Not Spanish origin

48	L-7	MARITAL STATUS	
	1,006	0.	Under 14 years
	7,028	1.	Married - spouse in household
	122	2.	Married - spouse not in household
	1,439	3.	Widowed
	855	4.	Divorced
	341	5.	Separated
	1,642	6.	Never married
	48	7.	Unknown

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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49	L-1	VETERAN STATUS	
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9,004	1. Non-veteran
16	2. WW I
950	3. WW II
305	4. Korean War
326	5. Vietnam veteran
94	6. Post-Vietnam
268	7. Other service
40	8. Served in Armed Forces, unknown if war veteran
131	9. Unknown if served in Armed Forces
1,347	Blank. Under 18 years of age

50 L-1

ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES

9,004	0. Non-veteran
102	1. All service in Guard/Reserve
289	2. Some service in Guard/Reserve
1	3. Unknown if all service in Guard/Reserve
1,489	4. No active service in Guard/Reserve
249	5. Unknown if ever active member in Guard/Reserve or if served in Armed Forces
1,347	Blank. Under 18 years of age

51-52 L-2

EDUCATION OF INDIVIDUAL - COMPLETED YEARS

211	00. Never attended; kindergarten only
8,330	01-12. Grades 1-12
	College:
693	13. 1 year
824	14. 2 years
290	15. 3 years
801	16. 4 years
146	17. 5 years
423	18. 6 years or more
144	19. Unknown
619	Blank. Under 5 years of age

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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53 Recode

EDUCATION OF INDIVIDUAL RECODE

211	0.	None; kindergarten only
2,221	1.	1-8 years (elementary)
2,094	2.	9-11 years (high school)
4,015	3.	12 years (high school graduate)
1,807	4.	1-3 years (college)
801	5.	4 years (college graduate)
569	6.	5+ years (post-college)
144	7.	Unknown
619	Blank.	Under 5 years of age

54-55	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER (Detail)
		34	00. Never attended; kindergarten only
		7,474	01-12. Grades 1-12
			College:
		901	13. 1 year
		1,193	14. 2 years
		432	15. 3 years
		1,290	16. 4 years
		277	17. 5 years
		799	18. 6 years or more
		81	19. Unknown

56	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER RECODE
		34	0. None; kindergarten only
		1,072	1. 1-8 years (elementary)
		1,616	2. 9-11 years (high school)
		4,786	3. 12 years (high school graduate)
		2,526	4. 1-3 years (college)
		1,290	5. 4 years (college graduate)
		1,076	6. 5+ years (post-college)
		81	7. Unknown

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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57	L-8		FAMILY INCOME \$20,000 OR MORE
		5,952	1. Less than \$20,000

6,193	2. \$20,000 or more
336	3. Unknown

58-59 L-8

FAMILY INCOME

73	00. Less than \$1,000
132	01. \$ 1,000 - \$ 1,999
122	02. 2,000 - 2,999
204	03. 3,000 - 3,999
304	04. 4,000 - 4,999
334	05. 5,000 - 5,999
354	06. 6,000 - 6,999
261	07. 7,000 - 7,999
319	08. 8,000 - 8,999
239	09. 9,000 - 9,999
349	10. 10,000 - 10,999
176	11. 11,000 - 11,999
366	12. 12,000 - 12,999
191	13. 13,000 - 13,999
202	14. 14,000 - 14,999
343	15. 15,000 - 15,999
190	16. 16,000 - 16,999
183	17. 17,000 - 17,999
270	18. 18,000 - 18,999
295	19. 19,000 - 19,999
885	20. 20,000 - 24,999
921	21. 25,000 - 29,999
806	22. 30,000 - 34,999
532	23. 35,000 - 39,999
519	24. 40,000 - 44,999
404	25. 45,000 - 49,999
1,417	26. \$50,000 and over
2,090	27. Unknown

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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60	Recode	FAMILY INCOME RECODE	
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835	0. Under \$5,000
688	1. \$ 5,000 - \$ 6,999
819	2. 7,000 - 9,999
1,284	3. 10,000 - 14,999
1,281	4. 15,000 - 19,999
885	5. 20,000 - 24,999
1,727	6. 25,000 - 34,999
1,455	7. 35,000 - 49,999
1,417	8. \$50,000 or more
2,090	9. Unknown

61	Generated		NHIS POVERTY INDEX*
		9,090	1. Above poverty threshold
		1,997	2. Below poverty threshold
		1,394	3. Unknown
62-63			FAMILY RELATIONSHIP
62	A-2		TYPE OF FAMILY
		1,798	&. Primary individual
		121	-. Secondary individual
		10,548	0. Primary family
		14	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		1,734	&. Reference person, living alone
		4,512	0. Reference person, 2+ persons in household
		3,642	1. Spouse, other spouse NOT in Armed Forces and living at home
		86	2. Spouse, other spouse IN Armed Forces and living at home
		1,875	3. Child of reference person or spouse
		139	4. Grandchild of reference person or spouse
		223	5. Parent of reference person or spouse
		269	6. Other relative
		1	7. Child of ineligible reference person
		0	9. DK or refused

*Based on family size, number of children under 18 years of age & family income using the 1988 poverty levels derived from the August, 1989 Current Population Survey.

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
64	Recode		FAMILY RELATIONSHIP RECODE
		1,734	1. Living alone
		185	2. Living only with non-relative
		7,028	3. Living with spouse
		3,534	4. Living with relative - other

65-66 Generated

SIZE OF FAMILY*

Unrelated individuals are coded 01

67 Generated

SIZE OF FAMILY RECODE

- 1-8. Number of members
- 9. 9+ members

68 A-2

PARENT/OTHER ADULT RELATIVE (under 25 years old and never married)

	966	1. Both parents, no other relative
	388	2. Mother only
	34	3. Father only
	138	4. Both parents and other 21+ year old adult relative
	129	5. Mother and other 21+ year old adult relative
	4	6. Father and other 21+ year old adult relative
adult	41	7. No parent, but one 21+ year old relative
	38	8. No parent, but two or more 21+ year old adult relatives
	53	9. Unknown
	147	0. Other
ever	10,543	Blank. Not applicable (25+ years old or married)

*Count includes spouse in military but living at home.

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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69	B-1 B-8		MAJOR ACTIVITY (18+ years old)
		4,092	1. Working
		3,177	2. Keeping house
		317	3. Going to school
		3,470	4. Something else
		78	5. Unknown
		1,347	Blank. Not applicable (Under 18 years)

70 G-4

HEALTH STATUS

2,141	1. Excellent
2,410	2. Very Good
3,391	3. Good
2,255	4. Fair
2,231	5. Poor
53	6. Unknown

71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
		2,699	1. Unable to perform major activity
activity		1,772	2. Limited in kind/amount major
		1,142	3. Limited in other activities
		6,868	4. Not limited (includes unknowns)

72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		2,355	1. Unable to work
		868	2. Limited in kind/amount of work
		480	3. Limited in other activities.
		4,955	4. Not limited (includes unknowns)
		3,823	Blank. Not applicable (under 18 years; 70+ years)

73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		49	1. Unable to attend school
		39	2. Attends special school/classes
		12	3. Needs special school/classes
		41	4. Limited in school attendance
		72	5. Limited in other activities
		515	6. Not limited (includes unknowns)
		11,753	Blank. Not applicable (under 5 years; 18+ years)

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
old	74		NEEDS HELP WITH PERSONAL CARE (5-59 years and limited, or age 60-69 years)*
needs		434	1. Unable to perform personal care

	725	2. Limited in performing other routine needs
or	3,234	3. Not limited in performing personal routine needs
	24	4. Unkown
	8,064	Blank. Not applicable (under 5 years; 5-59 years not limited; 70+ years old)

75 years)	D-1	EMPLOYMENT STATUS IN PAST 2 WEEKS (18+
		In the Labor Force: (1-7)
		Currently employed: (1-3)
off	3,877	1. Worked in past 2 weeks
	427	2. Did not work, has job; not on lay-off and not looking for work
	1	3. Did not work, has job; looking for work
		Unemployed: (4-7)
	31	4. Did not work, has job; on lay-off
and	1	5. Did not work, has job; on lay-off looking for work
	72	6. Did not work, has job; unknown if looking or on lay-off
	231	7. Did not work, no job; looking for work or on lay-off
		Not in Labor Force (18+ years): (8)
	6,494	8. Not in Labor Force (18+ years)
	1,347	Blank. Not applicable (Under 18 years old)

*For persons 70+ years, codes 1 and 2 in loc. 71 correspond to codes 1 and 2 in loc. 74.

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
76	L-6		CLASS OF WORKER
		6,494	0. Not in labor force
		3,268	1. Private company
		157	2. Federal Government employee
		177	3. State Government employee
		359	4. Local Government employee
		98	5. Incorporated business

450	6. Self-employed
9	7. Without pay
9	8. Never worked
113	9. Unknown
1,347	Blank. Under 18

77-79	L-6		INDUSTRY DETAIL CODE
		4,640	010-996. Code number
		7,841	Blank. Not applicable

80-81	Recode		INDUSTRY RECODE 1
			SEE APPENDIX B

82-83	Recode		INDUSTRY RECODE 2
			SEE APPENDIX B

84-86	L-6		OCCUPATION DETAIL CODE
		4,640	003-999. Code number
		7,841	Blank. Not applicable

87-88	Recode		OCCUPATION RECODE 1
			SEE APPENDIX C

89-90	Recode		OCCUPATION RECODE 2
			SEE APPENDIX C

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
91	L-R		RESPONDENT
		1,225	0. Under 17
		7,944	1. Self-entirely
		715	2. Self-partly
		2,476	3. Proxy
		121	4. Unknown

92	Recode		CONDITION LIST ASSIGNED AND ASKED
		2,036	1. Condition List 1, Skin and Musculoskeletal
		2,058	2. Condition List 2, Impairments
		2,001	3. Condition List 3, Digestive
		2,011	4. Condition List 4, Miscellaneous
		2,018	5. Condition List 5, Circulatory
		2,094	6. Condition List 6, Respiratory
		263	7. Unknown

93-94	Recode		HOSPITAL EPISODE NUMBER FOR SHORT-STAY HOSPITALS IN PAST YEAR
		12,213	01+. Number
		268	Blank. Long-stay hospitals

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
95-96	J-6		TYPE OF SERVICE
		11,495	01. General
		102	02. Psychiatric
		0	03. Tuberculosis
		32	04. Maternity
		9	06. Ear, Eye, Nose and Throat
		134	07. Children's
		9	08. Orthopedic
		0	09. Contagious Disease
		2	10. Chronic Disease
		11	11. Hospital department of institution
		77	12. All other
		0	89. In index, unknown type
		109	90. DK (entry of DK for hospital name and Not Reported, less than 31 nights in hospital)
		41	92. DK (entry of DK for hospital name and Not Reported - 31 or more nights in hospital)
		32	93. Hospitalized in Foreign Country, not in index
		0	94. Nursing personal, and domiciliary care homes

5	95. Nursing home, assumed from title
10	98. Osteopathic
413	99. Not identified as a hospital, not in index

97	Recode	RECODE FOR TYPE OF SERVICE
	12,213	1. Short-stay hospitals (Codes 01, 04, 06, 07, 11, 89, 90, 98, 99)
	236	2. Long-stay hospitals (Codes 02, 03, 08, 09, 10, 12, 92, 94, 95)
	32	3. Not in index (Code 93)

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
98-99	J-6		TYPE OF OWNERSHIP
			1. Governmental, nonfederal
		357	12. State
		481	13. County
		218	14. City
		33	15. City-county
		627	16. Hospital district
			2. Nonprofit
		2,168	21. Church operated or related
		6,418	23. Other nonprofit
		0	24. Nonprofit, N.O.S.
			3. Proprietary
		5	31. Individual
		29	32. Partnership
		1,122	33. Corporation (profit)
		0	34. Proprietary, N.O.S.
			4. Government, Federal
		50	41. Air Force
		55	51. Army
		23	61. Navy
		0	62. Department of Defense, N.O.S.
		21	71. Public Health Service
		264	81. Veterans Administration
		0	91. Other Federal
			5. All other
		0	89. In index, unknown type

	109	90. DK (entry of DK for hospital name and Not Reported, less than 31 nights in hospital)
	41	92. DK (entry of DK for hospital name and Not Reported - 31 or more nights in hospital)
Country,	32	93. Hospitalized in Foreign
		not in index
title	5	95. Nursing home, assumed from
	10	98. Osteopathic
	413	99. Not identified as a hospital, not in index

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
100-105	J-2		DATE OF ADMISSION
100-101			MONTH
		1,032	01. January
		941	02. February
		1,098	03. March
		1,060	04. April
		1,019	05. May
		1,081	06. June
		1,005	07. July
		1,063	08. August
		981	09. September
		1,128	10. October
		1,057	11. November
		1,016	12. December
102-103			DAY OF MONTH
			01-31. Day of month
104-105			YEAR
		0	85. 1985
		0	86. 1986
		8	87. 1987
		5,750	88. 1988
		6,721	89. 1989
		2	90. 1990

106-109 Derived NUMERICAL VALUE OF DATE OF ADMISSION
0001-1840. Date Values

110 Derived ADMISSION RECODE
486 1. Admission in past 2 weeks
11,708 2. Admission 2 weeks to a year ago
287 3. Admission prior to past 12 months

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape
Locations Item No. Frequency Items and Codes

111-114 Derived NUMERICAL VALUE FOR DATE OF INTERVIEW
12,481 1469-1840. Values
0 9999. Unknown

115-118 Derived DERIVED DATE OF DISCHARGE
12,481 0002-1840. Values
0 9999. Unknown

119-121 Derived NUMBER OF NIGHTS IN PAST 12 MONTHS
000-365. Number of nights

122-123 Derived NUMBER OF NIGHTS IN PAST 2 WEEKS
00-14. Number of nights

124-126 Derived J - VALUE
85 Blank. Negative value
12,396 000-364. Value

127 Recode J - RECODE

85	0. Still in hospital
637	1. Discharges past 2 weeks (000-013)
6,114	2. Discharges in 2 weeks to 6 months (014-181)
5,645	3. Discharges in 6-12 months (182-364)

128-131	J-3	TOTAL NIGHTS IN HOSPITAL
		0001-1840. Nights

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
132	Recode		SHORT-STAY HOSPITAL DISCHARGE (based on 6-month recall)*
		6,607	1. Yes
		5,874	2. No
133	J-5		OPERATION PERFORMED DURING STAY
		6,387	1. Yes
		5,952	2. No
		142	3. Unknown
134-139	J-5		OPERATION CODES (See Appendix E)
134-135			OPERATION NUMBER 1
		6,387	00-99.
		6,094	Blank.
136-137			OPERATION NUMBER 2
		596	00-99.
		11,885	Blank.
138-139			OPERATION NUMBER 3
		64	00-99.
		12,417	Blank.

140-144			BLANK
---------	--	--	-------

145	Recode		HOSPITALIZATION FOR DELIVERY (Based on Operation Codes, Appendix E and reason entered hospital)
		1,722	1. Yes, delivery
		10,759	2. No

*Use weight field 210-218 for annual estimate.

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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146-177			BLANK
---------	--	--	-------

178	Master Record		TYPE OF SUBSTRATUM
		1,110	0. Permit
		1,460	1. Area, oversampled for blacks
		9,911	2. Area, not oversampled for blacks

179-181	-		FULL SAMPLE STRATUM IDENTIFIER
---------	---	--	--------------------------------

182	Master Record		REGION
		2,256	1. Northeast
		3,245	2. Midwest
		4,731	3. South
		2,249	4. West

183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		4,796	1. 1,000,000 or more
		3,311	2. 250,000 - 999,999

764	3. 100,000 - 249,999
212	4. Under 100,000
3,398	Blank. Non-MSA

184 BLANK

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
185	Master Record		TYPE OF PSU
		6,261	1. MSA - Self-representing
		2,822	3. MSA - Nonself-representing
		0	4. Non-MSA - Self-representing
		3,398	6. Non-MSA - Nonself-representing
186	Recode		MSA - NON-MSA RESIDENCE
		4,059	1. MSA - Central City
		5,024	2. MSA - Not Central City
		3,209	3. Non-MSA - Nonfarm
		189	4. Non-MSA - Farm
187-189			PSEUDO PSU CODES
190-200			CHRONIC CONDITION PREVALENCE AND INCIDENCE FACTOR (XX.XXXXXXXXXX) - character format with implied decimal
			FINAL BASIC WEIGHT
201-209			QUARTER
210-218*			SEMI-ANNUAL (WT/2)
219-227			ANNUAL (WT/4)

6.5 WEIGHT

228-236

QUARTER, SEMI-ANNUAL AND ANNUAL

*Use these locations for estimates of hospital discharges and days based on a 6-month period.

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
			ESTIMATED NIGHTS IN HOSPITAL IN PAST 2 WEEKS
237-245			QUARTER, SEMI-ANNUAL AND ANNUAL
			ESTIMATED NIGHTS IN HOSPITAL IN PAST 12 MONTHS
246-254			QUARTER
255-263			SEMI-ANNUAL
264-272			ANNUAL
			ESTIMATED TOTAL NIGHTS IN HOSPITAL
273-281			QUARTER
282-290*			SEMI-ANNUAL
291-299			ANNUAL
300-335			BLANK

*Use these locations for estimates of hospital discharges and days based on a 6-month period.

1NOTES:

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D I A G N O S T I C R E C O D E S

1NOTES:

National Health Interview Survey

DIAGNOSTIC RECODE A

Acute Conditions

- I. Purpose - Recode A consists of 32 4-digit categories of frequently reported acute conditions. The NHIS routinely publishes acute condition incidence estimates and other related acute condition data using these specific recode categories.
- II. Format and Content - The first digit of this 4-digit recode separates the data into five major condition groups, and the second digit into subcategories of these five. The third and fourth digits are the basic units of the recode.
- III. Definition of Acute Condition - An acute condition is any disease or injury with onset in the 3-month reference period prior to the week of interview except for certain conditions always classified as chronic regardless of onset. Acute conditions must also have either activity restriction or medical attention. Current deliveries, normal or complicated, and current complications of pregnancy and puerperium are always considered acute conditions. The incidence of acute conditions is limited to acute conditions with onset in the 2-week reference period prior to the interview week.

This recode is different from Acute Condition Recode 2, used prior to 1982.

1NOTES:

Revised April 30, 1983

National Health Interview Survey

Acute Condition Recode A

Recode Number	Title	ICD-9 Codes
INFECTIVE AND PARASITIC DISEASES		
1001	Common Childhood Diseases	033, 052, 055, 056, 072
1002	Intestinal virus, NOS	008.8
1003	Viral Infections, Unspecified	079.9
1004	Other	(001-136, except for above)*
RESPIRATORY CONDITIONS		
2105	Common Cold	460
2106	Other Acute Upper Respiratory Infections	461-465
2207	Influenza	487

2308	Acute Bronchitis	466
2309	Pneumonia	480-483, 485, 486
2310	Other Respiratory Conditions	470, 475, 478. ,0-7,9, 495, 500-508, 510-515, 516. ,0,2,3,8,9, 518, 519

DIGESTIVE SYSTEM CONDITIONS

3411	Dental Conditions	520. ,6-9, 521. ,0-5,7-9, 522, 523, 525
3412	Indigestion, Nausea and Vomiting	536.8, 787.0
3413	Other Digestive Conditions	(520-579, and 787, except for above)*

INJURIES

4514	Fractures, Dislocations	800-839
4515	Sprains and Strains	840-848
4516	Open Wounds and Lacerations	870-884, 890-894
4517	Contusions and Superficial Injuries	910-929
4518	Other Current Injuries	(800-999, except for above)*

*Excludes ICD codes defined by the NHIS as chronic and ICD codes not used by NHIS.

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Revised April 30, 1983

National Health Interview Survey
Acute Condition Recode A

Recode Number	Title	ICD-9 Codes
<hr/>		
ALL OTHER ACUTE CONDITIONS		
5619	Eye conditions	360. ,0,3,5,6,8,9, 363. ,0-2,6-9, 364. ,0-6,8,9 368. ,0,2-4,8,9, 370. ,0,4-6,8,9, 371. ,0-2,4-9, 372. ,4,5,8,9, 373. ,0,2,8,9, 374, 375, 376. ,0,1,3,5,6,8,9, 378. ,0-6,8,9, 379. ,0,1,3,4,8,9
5620	Acute Ear Infections	380.1, 381, 382, 383. ,0-2,9, 384.0, 386.3
5621	Other Ear Conditions	380. ,0,2-9, 383.3,8,

		384. ,2,8,9, 385, 386. ,0-2,4-9, 387, 388. ,0,1,3-9
5722	Acute Urinary Tract Infections	580, 581, 590, 595. ,0-3,8,9, 597, 598.0, 599.0
5723	Other Urinary Conditions	582-589, 591, 593, 596, 598. ,1-9, 599. ,1-9
5724	Disorders of Menstruation	625.3,4, 626. ,0-6,8,9
5725	Other Disorders of Female Genital Tract	614-624, 625. ,0-2,5-9, 626.7, 628. ,0,2-9, 629
5726	Delivery and Other Conditions of Pregnancy and Puerperium	630-676
5827	Skin Conditions	680-684, 686, 690, 691, 693, (693.2 NHIS code), 694-698, 700-705, 706. ,0,1,3,8,9, 707-709

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Revised April 30, 1983

National Health Interview Survey
Acute Condition Recode A

Recode Number	Title	ICD-9 Codes
	ALL OTHER ACUTE CONDITIONS (Continued)	
5828	Acute Back, Spine and Neck Pain	723.1, 724.1-3,5
5829	Other Musculoskeletal Conditions	710. ,0-2,4,8,9, 717, 718. ,0-5,8,9, 719, 720.1,2, 722, 723. ,0,2-4,6-9, 724. ,0,4,6-9, 726. ,1,3-9, 727, 728. ,0,1,3,5,7-9, 729. 2-6,8,9, 730. ,0-3,9, 731. ,0,2, 732, 733. ,1,3-9, 739
5930	Headache, excluding migraine	307.8, 784.0**
5931	Fever, NOS	780.6
5932	All Other Acute Conditions	(All remaining ICD Codes)*

*Excludes ICD codes defined by the NHIS as chronic and ICD codes not used by

NHIS

**NHIS codes tension headache to 784.0

1NOTES:

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National Health Interview Survey

DIAGNOSTIC RECODE B

Diseases, Injuries and Impairments

- I. Purpose - Recode B is a listing of diseases and injuries developed by the World Health Assembly (WHA) and modified by the NHIS to include special impairment codes and residual categories. This recode, without NHIS modifications, also appears in Volume 1 of the International Classification of Diseases (1975 Revision).

The recode is intended to provide data users with a classification scheme whereby the NHIS diagnostic categories are more closely grouped according to the standard International Classification of Disease groupings. This recode is primarily used by NHIS to classify conditions reported as causing activity limitation. For data users interested in producing chronic condition prevalence estimates, see also Diagnostic Recode C.

- II. Format and Content - Recode B is a 3-digit recode that can be tabulated in two ways. The first 2 digits represent more general groupings of condition categories and range from 01-57 and 99. For more detailed condition categories, the complete 3-digit number - from 010-570 and 990 - is used.

The NHIS has modified this recode in two ways. First, the NHIS diagnostic coding procedure uses an X-code designation for impairments instead of an ICD number. For this recode, the X-codes are reassigned to the recode categories that would have been used under the ICD scheme. Secondly, residual categories have been added to accommodate all conditions coded by the NHIS. A code with the letter "A" following indicates conditions coded by the NHIS only.

This recode is the same as Recode 5 used prior to 1982.

1NOTES:

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National Health Interview Survey

Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
01		Intestinal Infectious Diseases	001-009.0,2
	010	Cholera	001

	011	Typhoid fever	002.0
	012	Shigellosis	004
	013	Food poisoning	003, 005
	014	Amoebiasis	006
	015	Intestinal infections due to other specified organism	007, 008
	016	Ill-defined intestinal infections	009.0,2
	019	Residual	002.1-3,9
02		Tuberculosis	010-018, 019-A
	020	Pulmonary tuberculosis	011
	021	Other respiratory tuberculosis	010, 012
	022	Tuberculosis of meninges and central nervous system	013
	023	Tuberculosis of intestines peritoneum and mesenteric glands	014
	024	Tuberculosis of bones and joints	015
	025	Tuberculosis of genitourinary system	016
	029	Residual	017, 018, 019-A

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
03		Other Bacterial Diseases	020-027, 030-041
	030	Plague	020
	031	Brucellosis	023
	032	Leprosy	030
	033	Diphtheria	032
	034	Whooping cough	033
	035	Streptococcal sore throat, scarlatina and erysipelas	034, 035
	036	Meningococcal infection	036
	037	Tetanus	037

	038	Septicaemia	038
	039	Residual	021, 022, 024-027, 031, 039-041
04		Viral Diseases	045-057, 060-066, 070-079
	040	Acute poliomyelitis	045
	041	Smallpox	050
	042	Measles	055
	043	Rubella	056
	044	Yellow fever	060
	045	Arthropod-borne encephalitis	062-064
	046	Viral hepatitis	070
	047	Rabies	071
	048	Trachoma	076
	049	Residual	046-049, 051-054, 057, 061, 065, 066, 072-075, 077-079

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
05		Rickettsiosis and Other Arthropod- borne Diseases	080-088
	050	Louse-borne typhus	080
	051	Other rickettsiosis	081-083
	052	Malaria	084
	053	Leishmaniasis	085
	054	Trypanosomiasis	086
	059	Residual	087, 088
06		Venereal Diseases	090-099
	060	Syphilis	090-097
	061	Gonococcal infections	098

	069	Residual	099
07		Other Infectious and Parasitic Diseases and Late Effects of Infectious and Parasitic Diseases	100-104, 110-112, 114-118,120-136
	070	Non-syphilitic spirochaetal diseases	100-104
	071	Mycosis	110-112, 114-118
	072	Schistosomiasis	120
	073	Echinococcosis	122
	074	Filarial infection and dracontiasis	125
	075	Ancylostomiasis and necatoriasis	126
	076	Other helminthiasis	121, 123, 124, 127-129
	079	Residual	130-136

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
08		Malignant Neoplasm of Lip, Oral Cavity and Pharynx	140-149
	080	Malignant neoplasm of lip, oral cavity and pharynx	140-149
09		Malignant of Neoplasm of Digestive Organs and Peritoneum	150-159
	090	Malignant neoplasm of oesophagus	150
	091	Malignant neoplasm of stomach	151
	092	Malignant neoplasm or small intestine, including duodenum	152
	093	Malignant neoplasm of colon	153
	094	Malignant neoplasm of rectum, rectosigmoid junction and anus	154
	095	Malignant neoplasm of liver, specified as primary	155.0
	096	Malignant neoplasm of pancreas	157
	099	Residual	155.1,2, 156, 158, 159

10		Malignant Neoplasm of Respiratory and Inthrathoracic Organs	160-165
	100	Malignant neoplasm of larynx	161
	101	Malignant neoplasm of trachea, brochus and lung	162
	109	Residual	160, 163-165

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
11		Malignant Neoplasm of Bone, Connective Tissue, Skin and Breast	170-175
	110	Malignant neoplasm of bone, and articular cartilage	170
	111	Malignant melanoma of skin	172
	112	Other malignant neoplasm of skin	173
	113	Malignant neoplasm of female breast	174
	119	Residual	171, 175
12		Malignant Neoplasm of Genitourinary Organs	179-189
	120	Malignant neoplasm of cervix uteri	180
	121	Malignant neoplasm of placenta	181
	122	Malignant neoplasm of uterus, other and unspecified	179, 182
	123	Malignant neoplasm of ovary and other uterine adnexa	183
	124	Malignant neoplasm of prostate	185
	125	Malignant neoplasm of testis	186
	126	Malignant neoplasm of bladder	188
	129	Residual	184, 187, 189
13		Malignant Neoplasm of Other and Unspecified Sites	190-199
	130	Malignant neoplasm of brain	191

139 Residual 190, 192-199

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
14		Malignant Neoplasm of Lymphatic and Haemopoietic Tissue	200-208
	140	Hodgkin's disease	201
	141	Leukemia	204-208
	149	Residual	200, 202, 203
15		Benign Neoplasm	210-229
	150	Benign neoplasm of skin	216
	151	Benign neoplasm of breast	217
	152	Benign neoplasm of uterus	218, 219
	153	Benign neoplasm of ovary	220
	154	Benign neoplasm of kidney and other urinary organs	223
	155	Benign neoplasm of nervous system	225
	156	Benign neoplasm of thyroid	226
	159	Residual	210-215, 221, 222, 224, 227-229
17		Other and Unspecified Neoplasm	239
	170	Other and unspecified neoplasm	239
18		Endocrine and Metabolic Diseases, Immunity Disorders	240-246, 250-259, 270-279
	180	Disorders of thyroid gland	240-246
	181	Diabetes mellitus	250
	182	Hyperlipoproteinaemia	272.0, 272.1
	183	Obesity of non-endocrine origin	278.0
	189	Residual	251-259, 270, 271, 272.2-9, 273-277, 278.1-4,8, 279

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
19		Nutritional Deficiencies	260-268.0,2,9, 269
	190	Kwashiorkor	260
	191	Nutritional marasmus	261
	192	Other protein-calorie malnutrition	262, 263
	193	Avitaminosis	264-267, 268.0,2,9, 269
20		Disease of Blood and Blood-forming Organs	280-289
	200	Anaemias	280-285
	209	Residual	286-289
21		Mental disorders	290-305, 306.1-5, 307-314, 315.4,5,8,9, 316-A, X10, X14, X19
	210	Senile and presenile organic psychotic conditions	290
	211	Schizophrenic psychoses	295
	212	Affective psychoses	296
	213	Other psychoses	291-294, 297-299
	214	Neurotic and personality disorders	300, 301
	215	Alcohol dependence syndrome	303
	216	Drug dependence	304
	217	Physiological malnutrition arising from mental factors	306.1-5
	218	Mental retardation	X19
	219	Residual	302, 305, 307-314, 315.4,5,8,9,316-A, X10, X14

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
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22	Disease of the Nervous System	320, 322-325, 330, 331.0-2,8,9, 332-337, 340, 341, 344.1, 345-352, 353.0-4,6,8,9, 354-359, X40, X41.1-8,.X,.Y, X41.9, (X42-X49, X51-X60, X63, X64)*, X50.9, X61***
220	Meningitis	320, 322
221	Parkinson's disease	332
222	Other degenerative and hereditary disorders of the central nervous system	330, 331.0-2,8,9, 333-336
223	Multiple sclerosis	340
224	Infantile cerebral palsy and other paralytic syndromes	344.1, X40, X41.9, X50.9, (X42-X49, X51-X60, X63, X64)*
225	Epilepsy	345
229	Residual	323-325, 337, 341, 346-352, 353.0-4,6,8,9, 354-359, X41.1-8,.X,.Y, X61***

*Excludes .0

***Includes all 4th digits except .9

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
23		Disorders of the Eye and Adnexa	360-368, 370-379, X00*, (X01, X02, X04)*
	230	Glaucoma	365
	231	Cataract	366
	232	Blindness and low vision	X00*
	233	Conjunctivitis	372.0-3

	234	Disorders of lacrimal system	375
	235	Strabismus and other disorders of binocular eye movements	378
	239	Residual	360-364, 367, 368, 370, 371, 372.4-9, 373, 374, 376, 377, 379, (X01, X02, X04)*
24		Disease of the Ear and Mastoid Process	380-387, 388.0,1,3-9, (X05, X08)*, (X06, X07, X09)*
	240	Otitis media and mastoiditis	381-383
	241	Deafness	(X05, X08)*
	249	Residual	380, 384-387, 388.0.1,3-9, X06, X07, X09)*
25		Rheumatic Fever and Rheumatic Heart Disease	390, 392-398, 399-A
	250	Acute rheumatic fever	390, 392
	251	Chronic rheumatic heart disease	393-398
	259	Residual	399-A

*Excludes .0

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
26		Hypertensive Disease	401-405
	260	Hypertensive heart disease	402, 404
	269	Residual	401, 403, 405
27		Ischaemic Heart Disease	413, 414
	271	Ischaemic heart disease	413, 414
28		Disease of Pulmonary Circulation and Other Forms of Heart Disease	415-417, 420-428, 429.0-5,8,9
	280	Pulmonary embolism	415.1

281	Cardiac dysrhythmias	427
289	Residual	415.0, 416, 417, 420-426, 428, 429.0-5,8,9
29	Cerebrovascular Disease	430-435, 437, X50***
290	Subarachnoid haemorrhage	430
291	Intracerebral and other intracranial haemorrhage	431, 432
292	Cerebral infarction	433, 434
294	Cerebral atherosclerosis	437.0
299	Residual	435, 437.1-6,8,9, X50***

***Includes all 4th digits except .9

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
30		Other Diseases of the Circulatory System	440-444, 446-448, 451-459
	300	Atherosclerosis	440
	301	Arterial embolism and thrombosis	444
	302	Other diseases of arteries, arterioles and capillaries	441-443, 446-448
	303	Phlebitis, thrombophlebitis, venous embolism and thrombosis	451-453
	304	Varicose veins of lower extremities	454
	305	Hemorrhoids	455
	309	Residual	456-459
31		Diseases of the Upper Respiratory Tract	460-465, 470-478, 477.7-A
	310	Acute tonsillitis	463
	311	Acute laryngitis and tracheitis	464
	312	Other acute upper respiratory	460-462, 465

	infections	
313	Deflected nasal septum and nasal polyps	470, 471
314	Chronic pharyngitis, nasopharyngitis and sinusitis	472, 473
315	Chronic diseases of tonsils and adenoids	474
319	Residual	475-478, 477.7-A

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
32		Other Diseases of the Respiratory System	466, 480-483, 485-487, 490-496, 500-508, 510-516, 518, 519, X30***
	320	Acute bronchitis and bronchiolitis	466
	321	Pneumonia	480-483, 485, 486
	322	Influenza	487
	323	Bronchitis, chronic and unspecified, emphysema and asthma	490-493
	324	Bronchiectasis	494
	325	Other chronic obstructive pulmonary disease	495, 496
	326	Pneumonconiosis and other lung disease due to external agents	500-508
	327	Pleurisy	511
	329	Residual	510, 512-516, 518, 519, X30***
33		Diseases of Oral Cavity, Salivary Glands and Jaws	520.3,4,6-9, 521-523, 525-529, X92
	330	Diseases of teeth and supporting structures	520.3,4,6-9, 521-523, 525, X92
	331	Disease of the jaw	526
	339	Residual	527-529

***Includes all 4th digits except .9

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
34		Diseases of Other Parts of the Digestive System	530-537, 540-543, 550-553, 555-558, 560, 562, 564-579
	340	Diseases of oesophagus	530
	341	Ulcer of stomach and duodenum	531-533
	342	Appendicitis	540-543
	343	Hernia of abdominal cavity	550-553
	344	Intestinal obstruction without mention of hernia	560
	345	Diverticula of intestine	562
	346	Other functional digestive disorders	564
	347	Chronic liver disease and cirrhosis	571
	348	Cholelithiasis and cholecystitis	574-575.1
	349	Residual	534-537, 555-558, 565-570 572, 573, 575.0, 2-6, 8, 9, 576-579
35		Diseases of Urinary System	580-599, X31***, X62
	350	Nephritis, nephrotic syndrome and nephrosis	580-589
	351	Infections of kidney	590
	352	Urinary calculus	592, 594
	353	Cystitis	595
	359	Residual	X31***, X62, 591, 593, 596-599

***Includes all 4th digits except .9

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
36		Disease of Male Genital Organs	600-608
	360	Hyperplasia of prostate	600
	361	Hydrocele	603
	362	Redundant prepuce and phimosis	605
	363	Infertility, male	606
608	369	Residual	601, 602, 604, 607,
37		Diseases of Female Genital Organs	610, 611, 614-629, X32***
	370	Diseases of breast	610, 611, X32***
	371	Salpingitis and oophoritis	614.0-2
	372	Inflammatory diseases of pelvic cellular tissue and peritoneum	614.3-9
	373	Inflammatory diseases of uterus, vagina and vulva	615, 616
	374	Uterovaginal prolapse	618
	375	Menstrual disorders	626.0-5
	376	Infertility, female	628
	379	Residual	617, 619-625, 626.6-9, 627, 629
38		Abortion	630-639
	380	Spontaneous abortion	634
	381	Legally induced abortion	635
	382	Illegally induced abortion	636
	389	Residual	630-633, 637-639

***Includes all 4th digits except .9

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
39		Direct Obstetric Causes	640-646, 651-676
	390	Haemorrhage of pregnancy and childbirth	640, 641, 666
	391	Toxaemia of pregnancy	642.4-9, 643
	392	Infections of genitourinary tract in pregnancy	646.6
	393	Obstructed labor	660
	394	Complications of the puerperium	670-676
	399	Residual	642.0-3, 644, 645, 646.0-5,7-9, 651-659, 661-665, 667-669
40		Indirect Obstetric Causes	647, 648
	400	Indirect obstetric causes	647, 648
41		Normal Delivery	650
	410	Normal delivery	650
42		Diseases of Skin and Subcutaneous Tissue	680-686, 690-693, 693.2-A, 694-698, 700-709
	420	Infections of skin and subcutaneous tissue	680-686
	429	Residual	690-693, 693.2-A, 694-698, 700-709

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
43		Disease of the Musculoskeletal System and Connective Tissue	710-712, 714-727, 728.0,1,3,5,8,9, 729-733, 739, (X20-X29, X33-X35, X73-X78)***, (X70, X79, X90, X93)***, X80, X84-X86, X89
	430	Rheumatoid arthritis, except spine	714

431	Other arthropathies	710-712, 715, 716
432	Other disorders of joints	717-719
433	Ankylosing spondylitis	720.0
434	Other dorsopathies	720.1-724, X80
435	Rheumatism, excluding the back	725-727, 728.0,1 3,5,8,9, 729, X86
436	Osteomyelitis, periostitis and other infections involving bone	730
437	Acquired deformities of limbs	(X20-X29, X33-X35, X73-X78)***
439	Residual	731-733, 739, (X70, X79, X90, X93)***, X84, X85, X89

***Includes all 4th digits except .9

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
44		Congenital Anomalies	742.2,4,5,8,9, 744.4, 745-748, 750.2-9, 751, 752, 753.1-9, 754.0,1, 756.4-9, 757, 758.1-9, 759.0- 6,8, (X20-X29, X33- X35, X70, X73, X74, X76-X78, X93)**, X71.9, X75.9, (X30-X32, X79, X90)**
	440	Spina bifida and hydrocephalus	X71.9
	441	Other deformities of central nervous system	742.2,4,5,8,9
	442	Congenital anomalies of heart and circulatory system	745-747
	443	Cleft palate and cleft lip	749, X91.9
	444	Other deformities of digestive system	750.2-9, 751

445	Undescended testicle	752.5
446	Congenital dislocation of hip	X75.9
447	Other congenital anomalies of musculoskeletal system	(X20-X29, X33-X35, X70, X73, X74, X76-X78, X93)**, 754.0,1, 756.4-9
449	Residual	744.4, 748, 752.0-4, 6-9, 753.1-9, 757, 758.1-9, 759.0-6,8, (X30-X32, X79, X90)**

**Includes 4th digit .9 only.

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
45		Certain Conditions Originating in the Perinatal Period	760, 761.0-5,7-9, 762-778, 779.0-5,8,9, X61.9
	450	Maternal conditions affecting fetus or newborn	760
	451	Obstetric complications affecting fetus or newborn	761.0-5,7-9, 762, 763
	452	Slow fetal growth, fetal malnutrition and immaturity	764, 765
	453	Birth trauma	767, X61.9
	454	Hypoxia, birth asphyxia and other respiratory conditions	768-770
	455	Haemolytic disease of fetus or newborn	773
	459	Residual	766, 771, 772, 774-778, 779.0-5,8,9
46		Signs, Symptoms and Ill-Defined Conditions	780, 781.0-4,6,7,9, 782, 783.0,2-6,9 784-797, 799, 799.5-A, X11, X12
	460	Pyrexia of unknown origin	780.6
	461	Symptoms involving heart	785.0-3
	462	Renal colic	788.0
	463	Retention of urine	788.2

	464	Abdominal pain	789.0
	465	Senility without mention of psychosis	797
	467	Respiratory failure	799.1
4,6,	469	Residual	780.0-5,7-9, 781.0-7,9, 782, 783.0,2-6,9, 784.4-6,9, 786, 787, 788.1,3,4-9, 789.1-
5,9,			790-796, 799.0,2-
4,8,9,			799.5-A, X11, X12
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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
47		Fractures	800-829
	470	Fracture of skull and face	800-804
	471	Fracture of neck and trunk	805-809
	472	Fracture of humerus, radius and ulna	812, 813
	473	Fracture of neck of femur	820
	474	Fracture of other parts of femur	821
	475	Fracture of tibia, fibula and ankle	823,824
	476	Other fractures of limbs	810-811, 814-819, 822, 825, 829
	479	Residual	826-828
48		Dislocations, Sprains and Strains	830-848
	480	Dislocations, sprains, and strains	830-848
49		Intracranial and Internal Injuries Including Nerves	850-854, 860-869, 950-957, X00.0, X05.0, X08.0, (X42-X49, X51-X60, X63, X64)****
	490	Concussion	850
	491	Other intracranial injuries	851-854, 950, 951, X00.0, X05.0, X08.0
	499	Residual	860-869, 952-957,

****Includes 4th digit .0 only.

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
50		Open Wounds and Injury to Blood Vessels	870-884*****, 890-894, 900-904
	500	Open wound of eye, ear and head	870-873*****
	501	Open wound of upper limb	880-884
	502	Open wound of lower limb	890-894
	509	Residual	874-879, 900-904
51		Effects of Foreign Body Entering Through Orifice	930-939
	510	Effects of foreign body entering through orifice	930-939
52		Burns	940-949
	520	Burn confined to eye and adnexa	940
	521	Burn of wrist and hand	944
	529	Residual	941-943, 945-949
53		Poisonings and Toxic Effects	977.9*****, 979, 988, 989*****
	530	Medicinal agents	977.9*****, 979
	539	Residual	988, 989*****
54		Complications of Medical and Surgical Care	996-999
	540	Complications of medical and surgical care	996-999

*****871.3 is not used by NHIS. Instead these conditions are assigned to the
appropriate visual impairment X-code.

*****Anything classifiable to 960-978 is coded by NHIS to 977.9.

*****Anything classifiable to 980-987 is coded by NHIS to 989.9.

National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
55		Other Injuries, Early Complications of Trauma	910-929, 959, 990-995
	550	Other injuries, early complications of trauma	910-929, 959, 990-995
56		Late Effects of Injuries, of Poisonings, of Toxic Effects and of Other External Causes	905.0-5, 906, 907, 908.0-5,9, 909.2,4
	560	Late effects of injuries, of poisonings, of toxic effects and of other external causes	905.0-5, 906, 907, 908.0-5,9, 909.2,4
57		Present Effects of Injuries, NEC	X01.0, X02.0, X04.0, X06.0, X07.0, X09.0
	570	Present effects of injuries, NEC	X01.0, X02.0, X04.0, X06.0, X07.0, X09.0
99		Residual, All Other Conditions	All other not listed codes
	990	Residual, all other conditions	All other not listed codes

1NOTES:

National Health Interview Survey

DIAGNOSTIC RECODE C

Chronic Conditions and Impairments

- I. Purpose - Recode C consists of 134 3-digit categories of chronic conditions and impairments. The categories correspond to the conditions that appear on the six (6) NHIS check-lists of selected chronic conditions. These categories are used by NHIS to produce prevalence estimates of selected chronic conditions.
- II. Format and Content - The first digit of this 3-digit recode identifies the specific chronic condition check-list number, i.e., 1-6, that corresponds to the number of the list used on the NHIS questionnaire. The second and third digits are numbered sequentially within each of the 6 lists. Each condition group contains between 15 and 43 2-digit categories.
- III. Definition of Chronic Condition and Impairment - In most cases, a chronic condition or an impairment is any departure from normal health

with onset more than 3 months from date of interview. Certain chronic conditions and impairments are classified as chronic, however, regardless of date of onset. Complications of pregnancy are always classified as acute. All chronic conditions and impairments are counted whether or not they necessitated activity restriction or medical care. Impairments coded with an "X" in the first digit are, by definition, chronic.

This recode is different from Chronic Condition Recode 3, used prior to 1982.

1NOTES:

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Revised April 30, 1983

National Health Interview Survey
Chronic Condition Recode C

Recode Number	Title	ICD Inclusion as modified by the NHIS
LIST I: SELECTED SKIN AND MUSCULOSKELETAL CONDITIONS		
101	Arthritis	711. ,0,9, 712. ,8,9, 714-716, 720.0, 721
102	Rheumatism, unspecified	729.0
103	Gout, including gouty arthritis	274
104	Sciatica (including lumbago)	724.2,3
105	Intervertebral disc disorders	722
106	Bone spur/tendinitis NOS	726. ,9
107	Disorders of bone or cartilage	730. ,0-3,9, 731. ,0,2, 732, 733
108	Bunion	727.1
109	Bursitis, NEC	726.0-8, 727. ,0,2-9
110	Sebaceous skin cyst	706.2
111	Acne	706.0,1
112	Psoriasis	696
113	Dermatitis	690-694 (693.2 NHIS code)
114	Dry (itching) skin NEC	698.9
115	Chronic ulcer of skin	707
116	Ingrown nails	703.0

117	Corns and calluses	700
118	Benign neoplasms of the skin	216
119	Malignant neoplasms of the skin	172, 173

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Revised April 30, 1983

National Health Interview Survey
Chronic Condition Recode C

Recode Number	Title	ICD Inclusion as modified by the NHIS
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LIST II: IMPAIRMENTS

201	Blind - Both eyes	X00
202	Other Visual Impairment	X01-X03
203	Deaf - Both ears	X05
204	Other Hearing Impairments	X06-X09
205	Stammering and Stuttering	X10
206	Other Speech Impairments	X11
207	Impairment of Sensation	X12
208	Mental Retardation	X19
	Absence Upper Extremities	
209	Both Arms/Hands	X20,X21
210	One Hand/Arm	X23,X24
211	Fingers - One or Both Hands	X22,X25
	Absence Lower Extremities	
212	One or Both Legs	X26,X28
213	Feet/Toes - One or Both Limbs	X27,X29
214	Absence Lung	X30
215	Kidney	X31
216	Breast	X32
217	Bone, Joint, Muscle of extremity	X34
218	Tips of Fingers, Toes	X35
	Paralysis of Extremities - Complete	
219	Entire Body	X40
220	One Side of Body - Hemiplegia	X41
221	Both Legs - Paraplegia	X46
222	Other paralysis	X42-X45, X47-X49
	Paralysis of Extremities - Partial	
223	Cerebral Palsy	X50
224	One Side of Body Only - Hemiparesis	X51
225	Legs - Both or Paraparesis	X56
226	Other paralysis	X52-X55, X57-X59

Revised June 12, 1984

National Health Interview Survey
Chronic Condition Recode C

Recode Number	Title	ICD Inclusion as modified by the NHIS
LIST II: IMPAIRMENTS (Continued)		
227	Paralysis - Complete or Partial - Other site	X60-X64
Deformity/Orthopedic Impairment:		
Back		
228	Curvature or other deformity of back or spine	X70
229	Orthopedic Impairment	X80
230	Spina Bifida	X71
Other Upper Extremities		
231	Hands, Fingers only	X74
232	Orthopedic Impairment - Shoulder(s)	X84
233	Other	X73
Lower Extremities		
234	Flatfeet	X77
235	Clubfoot	X78
236	Other	X75,X76,X85,X86
237	Other Deformities/ Orthopedic Impairment	X79,X89
238	Cleft Palate	X91
239	Color Blindness	368.5
240	Tinnitus	388.3
241	Cataracts	366
242	Glaucoma	365
243	Diseases of Retina	361,362. ,1-9

Revised April 30, 1983

National Health Interview Survey
Chronic Condition Recode C

Recode Number	Title	ICD Inclusion as modified by the NHIS
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LIST III: SELECTED DIGESTIVE CONDITIONS

301	Gallbladder stones	574
302	Liver diseases including cirrhosis	571, 572, 573. ,0,3-9
303	Gastric ulcer	531
304	Duodenal ulcer	532
305	Peptic ulcer	533
306	Hernia of abdominal cavity	550-553
307	Disease of the esophagus	530
308	Gastritis and duodenitis	535
309	Indigestion	536.8
310	Other functional disorders of stomach and digestive system	536 (except .8), 787
311	Enteritis and colitis	555, 556, 558
312	Spastic colon	564.1
313	Diverticula of intestines	562
314	Constipation	564.0
315	Other stomach and intestinal disorders	534, 537, 560, 569
316	Malignant neoplasms of stomach, intestines, colon, and rectum	151-154

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Revised April 30, 1983

National Health Interview Survey
Chronic Condition Recode C

Recode Number	Title	ICD Inclusion as modified by the NHIS
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LIST IV: SELECTED CONDITIONS OF THE
GENITOURINARY, NERVOUS, ENDOCRINE,
METABOLIC AND BLOOD AND BLOOD FORMING SYSTEMS

401	Goiter	240, 241, 242.0-3
402	Other disorders of the thyroid	242.4,8,9, 243-246
403	Diabetes	250
404	Anemias	280-285

405	Epilepsy	345
406	Migraine headache	346
407	Other headache (excludes tension headache)	784.0
408	Neuralgia or neuritis, unspecified	729.2
409	Kidney stones	592
410	Kidney infections	590
411	Other kidney trouble, NEC	581-583, 593
412	Bladder infections	595. ,0-3,8,9
413	Other disorders of bladder	594.1, 596
414	Diseases of prostate	600-602 (ex 601.4)
415	Multiple sclerosis	340
416	Inflammatory disease of female genital organs	614-616
417	Non-Inflammatory disease of female genital organs	620-624
418	Menstrual disorders	626

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Revised May 1, 1983

National Health Interview Survey
Chronic Condition Recode C

Recode Number	Title	ICD Inclusion as modified by the NHIS
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LIST IV: SELECTED CONDITIONS OF THE
GENITOURINARY, NERVOUS, ENDOCRINE,
METABOLIC AND BLOOD AND BLOOD FORMING
SYSTEMS (Continued)

419	Other disorders of female genital organs	617-619, 625, 627, 628. ,0,2-9, 629. 0,1,8
420	Female trouble, NOS	629. ,9
421	Malignant neoplasm of breast - female	174
422	Malignant neoplasms of female genital organs	179-184

423	Malignant neoplasm of prostate	185
424	Benign neoplasm of breast - female	217
425	Benign neoplasms of female genital organs	218-221

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Revised April 30, 1983

National Health Interview Survey
Chronic Condition Recode C

Recode Number	Title	ICD Inclusion as modified by the NHIS
---------------	-------	---------------------------------------

LIST V: SELECTED CIRCULATORY CONDITIONS

501	Rheumatic fever with or without heart disease	390, 392-398, 399 (NHIS code only)
502	Ischemic heart disease	413, 414 (NHIS includes 410-412 and 429.6 in 414)
	Heart rhythm disorders	
503	Tachycardia or rapid heart	427.0-3, 785.0
504	Heart murmurs	785.2
505	Other and unspecified heart rhythm disorders	427. ,4-6,8,9, 785.1
506	Congenital heart disease	745, 746
507	Other selected diseases of heart (excludes hypertension)	415-417, 420. ,9, 421. ,0,9, 422. ,9, 423, 424, 425. .0-5,9, 426, 428, 429. ,0-5,8,9
508	High blood pressure (hypertension)	401-405
509	Cerebrovascular disease	430-435, 437 (NHIS includes 436 and 438 in 437)
510	Hardening of the arteries	440
511	Aneurysm	441. ,0-6, 442
512	Phlebitis, thrombophlebitis	451
513	Varicose veins of lower extremities	454
514	Hemorrhoids	455
515	Poor circulation	459. ,8,9

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Revised April 30, 1983

National Health Interview Survey
Chronic Condition Recode C

Recode Number	Title	ICD Inclusion as modified by the NHIS
LIST VI: SELECTED RESPIRATORY CONDITIONS		
601	Chronic Bronchitis	490, 491
602	Asthma	493
603	Hay fever/allergic rhinitis without asthma	477 (477.7 NHIS code)
604	Nasal polyps	471
605	Chronic sinusitis	473
606	Deviated Nasal Septum	470
607	Chronic disease of tonsils and adenoids	474
608	Chronic laryngitis	476
609	Emphysema	492
610	Pleurisy	511
611	Pneumoconiosis and asbestosis	500-505
612	Tuberculosis (pulmonary)	011, 019 (NHIS code)
613	Malignant neoplasms of lung and bronchus	162. ,2-9
614	Other diseases of lung	515, 518
615	Malignant neoplasms of other respiratory sites	160, 161, 162.0, 163
999	ALL OTHER SELECTED CHRONIC CONDITIONS	All remaining ICD and NHIS codes*

*Excludes always acute codes and ICD codes not used by NHIS.

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HEALTH INTERVIEW SURVEY - 1989

TABULATION SPECIFICATIONS AND WEIGHTING

INTRODUCTION

The tabulation specifications which were used to tabulate data for the "Current Estimates" report are attached. A brief description of the key points of each tabulation used to prepare each table is shown on the attached chart.

The weight for an event occurring or not occurring (binomial 1 or 0) uses the basic weights for the person. Similarly, if the event has occurred and when it occurs it can have a frequency of 1, 2, 3, etc.; the weight shown includes the cross product of the person's basic weight times the frequency. For instance, if a person is injured and requires 5 days in bed, the weight shown in the appropriate table is the person's basic weight times 5.

In most instances in the Health Interview Survey there are three reference periods used to make estimates: the 2-week reference period, 6 months, and 12 months. In producing estimates two types of weights are presented in the tape records; the basic weight and the 6.5 weight.

The 6.5 weight is a modification of the basic weight obtained by multiplying the basic weight by 6.5. The figure 6.5 indicates that 2 weeks multiplied by 6.5 represents 13 weeks or one calendar quarter. Summing over 4 calendar quarters equals 52 weeks. The basic weight for a quarter is 4 times the size of the annual weight (divide basic quarter weight by 4 to get annual weight).

To illustrate the use of reference periods, suppose we have a person whose basic weight is 6,000 in the tape for the quarter. This person's annual weight is $6,000/4 = 1,500$. His 6.5 weight is obtained by multiplying $6,000 \times 6.5$ to obtain the 6.5 weight of 39,000. Therefore, if this person had 2 doctor visits occurring in the 2-week reference period, his contribution to the annual volume of doctor visits would have been $39,000 \times 2$ or 78,000. If he had been discharged from a hospital once during the 6 months prior to interview, his contribution to the annual volume of hospital discharges would be $1,500 \times 2$ or 3,000 for the full year's sample, or $6,000 \times 2$ or 12,000 for a sample of one quarter. If the reference period was 12 months, the weight for the year's sample is 1,500 (or 6,000 for the quarterly sample).

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The weights are presented in character format in the tape in Locations 190-236. Locations from 237 onward contain cross products of variables with frequency greater than one. For instance, the number of restricted activity days in the Person Record Locations 98-99 may be 5 days. As a convenience in tabulation, these 5 days have been multiplied times the appropriate weight (the 6.5 weight in Locations 228-236) to obtain the weighted estimate of restricted activity days in Locations 237-245.

A table summarizing these tape locations and their uses follows:

SUMMARY OF WEIGHTS IN THE 1989 NHIS PERSON RECORD

Tape location	Name of Weight Field	Notes:
---------------	----------------------	--------

190-200 weight	CHRONIC CONDITION PREVALENCE AND INCIDENCE FACTOR	Multiply by final basic to obtain prevalence of chronic conditions
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	FINAL BASIC WEIGHT	
201-209	QUARTER	Use one quarter of data
210-218	SEMI-ANNUAL	Use two quarters of data
219-227	ANNUAL	Use entire data file

228-236	6.5 WEIGHT Content of field is 6.5 times the Quarter Weight.	Use for event data with 2-week recall period
---------	--	---

237-245	ESTIMATED RESTRICTED ACTIVITY DAYS (BASED ON TWO-WEEK RECALL) Content of field is number of restricted activity days times 6.5 Weight.	Use one quarter to produce estimate for the quarter; use entire file to produce annual estimate. This field is already weighted.
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SPECIFICATIONS FOR RECREATING THE CURRENT ESTIMATES TABLES

The accompanying instructions show procedures for deriving estimates from Health Interview Survey data tapes. The publication, "Current Estimates", for the year 1989 is used as a source for the examples.

Instructions for inclusions and all appropriate weights are included for each table specified. In cases where classifications such as "other" may not be clear or where several fields must be specified to produce a single variable, for example, persons injured, the variables needed will be listed.

1NOTES:

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TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
1-15	Incidence of Acute Conditions		
	Inclusions:		
	Condition records	1-2	30
	Acute	107	2
	Onset in 2 weeks	108	1
	Use:		
1-5	Acute Condition Recode A Denominator for rates is population: see Table 78 specifications	100-103	1001-5932
11-15	Restrict numerator to medically attended Denominator is all acute conditions	110	1
	Weight:		
	(2 week reference) inflated by 6.5 to obtain a quarterly estimate. Annual estimate is the sum of 4 quarterly estimates.	228-236	
16-25	Restricted Activity Days Associated With Acute Conditions		
	Inclusions:		
	Condition records	1-2	30
	Acute	107	2
	Use:		
16-20	Acute Condition Recode A Denominator is population: see Table 78 specifications	100-103	1001-5932
	Weight:		
	2 week restricted activity days	237-245	
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TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
26-35	Bed Days Associated with Acute Conditions		

Inclusions:

Condition records	1-2	30
Acute	107	2

Use:

26-30	Acute Condition Recode A Denominator is population: see Table 78 specifications	100-103	1001-5932
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Weight:

2 week bed days	246-254
-----------------	---------

36-45 Work-Loss Days Associated with Acute Conditions

Inclusions:

Condition records	1-2	30
Acute	107	2

Use:

36-40	Acute Condition Recode A Denominator is currently employed population: see Table 78 specifications	100-103	1001-5932
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Weight:

2 week work-loss days	255-263
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TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
---------------	-------	----------------	-------

ANNUAL ESTIMATES

46-49 School-Loss Days Associated with Acute Conditions

Inclusions:

Condition records	1-2	30
Acute	107	2

Use:

46-47	Acute Condition Recode A Denominator is population ages 5-17 see Table 78 specifications	100-103	1001-5932
-------	--	---------	-----------

Weight:

	2 week school-loss days	264-272	
50	Acute Conditions per Quarter		
	Use specifications for Tables 1-10 but also use processing quarter	5	1,2,3 or 4
51-52	Episodes of Persons Injured		
	Inclusions:		
	Condition records	1-2	30
	Onset in 2 weeks	108	1
	First injury	128	1
		and	
	Acute Condition Recode A (injuries)	100-103	4514-4518
		or	
	Impairments due to injury	93	X
		96	0

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TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
51-52	Episodes of Persons Injured - continued		
	Use:		
	Type/place of accident (all included records)		
	Moving motor vehicle involved (total)	134	1
		and 130	1-9
	(traffic)	134	1
		and 130	3
	(no)	134	2,4
	At work (yes)	131	1
	(no)	131	2
	Place of accident (home)	130	1-2
	(street)	130	3
	(industrial place)	130	5
	(other)	130	4,6-8
51	Denominator is population: (For person injured at work denominator is 18+ population)		
	see specifications for Table 78		
	Weight:		
	6.5 weight (2 week reference)	228-236	
53-54	Restricted Activity Days Associated		

with Persons Injured

Use:

Specifications for Tables 51-52 except weight for days, delete specification 108:1 and change specification so that 128:1,2

Weight: 237-245

55-56 Bed Days Associated with Persons Injured

Use:

Specifications for Tables 51-52 except weight for days, delete specification 108:1 and change specifications so that 128:1

Weight: 246-254

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TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
57-66	Prevalence of Selected Chronic Conditions		
	Inclusions:		
	Condition records	1-2	30
	Chronic	107	1
	Use:		
	Control on chronic condition list asked and use only Chronic Condition Recode C with location 104 equal to value in location 92	92 104-106	1,2,3,4,5 or 6
	Weight:		
	Chronic condition factor	190-200	
	Multiplied by final basic weight	219-227	
57-61	Denominator is population: see specification for Table 78		
67-68	Limitation of Activity Due to Chronic Conditions		
	Inclusions:		
	Person records	1-2	20
	Use:		
	LA-1 Unable to perform major activity	71	1

	LA-2 Limited in kind/amount of major activity	71	2
	LA-3 Limited in other activity	71	3
	LA-4 Not Limited (includes unknowns)	71	4
	Weight:	219-227	
67	Denominator for percent distribution is population.		

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TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
69	Person Disability Days		
	Inclusions:		
	Person records	1-2	20
	Weight:		
	Restricted activity days	237-245	
	Bed days	246-254	
	School-loss days (ages 5-17)	264-272	
	Work-loss days (for currently employed)	255-263	
	Denominator for rates is appropriate population: see specifications for Table 78		
70	Respondent Assessed Health Status		
	Inclusions:		
	Person records	1-2	20
	Weight:	219-227	
71	Physician Contacts: Place and Rate		
	Inclusions:		
	Doctor Visit records	1-2	40
	Use:		
	Place of visit	103	1-8(9)
	Weight:		
	6.5 weight (2 week)	228-236	

Denominator for rate columns are population:
 see specifications for Table 78

Codes in parenthesis are unknowns which are included in totals but not in specific categories.

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TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
72	Interval Since Physician Contact		
	Inclusions:		
	Person records	1-2	20
	Use:		
	Interval since doctor seen	115	0-4(5)
	NOTE: 5 years and over	115	0,4
	(includes never)		
	Weight:	219-227	
73-74	Short Stay Hospital Episodes (12 month reference)		
	Inclusions:		
	Person records	1-2	20
	Use:		
	To define number of episodes	122-123	
	To define non-delivery episodes	127-128	
	Weights:		
	Final basic weight	219-227	
73	Denominator for percent distribution is population		
75-76	Short Stay Hospital Episode Days		
	Inclusions:		
	Person records	1-2	20
	Use:		
	To define number of episodes	122-123	
	To define non-delivery episodes	127-128	

Codes in parenthesis are unknowns which are included in totals but not in specific categories.

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TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
	Weight:		
75	Short stay hospital episode days Denominator for rates is population with appropriate number of episodes (from Table 74)	318-326	
77	Short Stay Hospital Discharges, Days, Average Length of Stay (ALOS) (6 month reference)		
	Inclusions:		
	Hospital Records	1-2	50
	with	132	1
	Use:		
	All specified records for hospitalizations for all reasons		
	Hospitalizations for deliveries	145	1
	Weight:		
	Short stay hospital discharges	210-218	
	Short stay hospital days	282-290	
	Denominator for discharge rate is population		
	Denominator for ALOS is discharges		
78	Population		
	Inclusions:		
	Person records	1-2	20
	Use:		
	All records for total population		
	Currently employed population	75	1-3
	Weight:	219-227	

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CODES FOR TYPES OF SPECIAL PLACES

CODES

TYPES

I. SPECIFIED INSTITUTIONS

Correctional Institutions

11-----State and Federal penitentiaries, prisons, and reformatories
 11-----State and Federal prison farms and camps
 11-----County and city jails, workhouses, penitentiaries
 11-----County and city prison farms and camps
 11-----Federal detention headquarters
 12-----State and Federal training or industrial schools
 12-----County and municipal training or industrial schools
 12-----Private schools for delinquents, such as "House of the Good Shepherd," "Boys Town," etc.

Mental Institutions

21-----Homes and training schools for mentally handicapped
 21-----Homes, training schools, colonies, and villages for epileptics
 21-----State, Federal, county and city hospitals for mentally ill
 21-----Private hospitals and sanitariums for mentally ill
 22-----Hospitals and centers for the treatment of alcoholics and drug addicts
 23-----Veterans Administration mental hospitals

Home for the Aged, Infirm, and Needy

31-----Orphan asylums
 31-----Children's homes
 32-----County homes, almshouses, poor farms, etc.
 33-----Fraternal or religious homes for the aged
 34-----Commercial homes for the aged
 35-----Homes and schools for the blind
 36-----Homes and schools for the deaf
 37-----Hospital or resident schools, orthopedic hospitals, and homes for the crippled
 38-----Soldiers' and sailors' homes
 39-----Veterans Administration homes (domiciliary care)
 40-----Nursing, Convalescent, and Rest Homes

Other Hospitals and Homes Providing Specialized Care

51-----Tuberculosis sanitariums
 52-----Veterans Administration tuberculosis hospitals
 53-----Homes for incurables
 53-----Hospices
 54-----Chronic and cancer hospitals
 55-----Maternity homes for unmarried mothers
 56-----Detention and receiving homes
 57-----Hospitals and homes for other specialized care

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CODES FOR TYPES OF SPECIAL PLACES (continued)

CODES

TYPES

II. OTHER SPECIAL PLACES

Other Special Places

61-----Veterans Administration General Medical and Surgical Hospitals

62-----Facilities for the Treatment of the Physically ill

This type of facility treats physical disorders and is one in which the patient stays for a relatively short period of time. Examples of this type of special place are:

1. General or emergency hospital; children's hospital; maternity hospital
2. Infirmary

71-----Hotels, transient-type

71-----Motels, transient-type

71-----Tourist camp or court (like motels except units are detached), transient-type

72-----Hotels, nontransient type

72-----Motels, nontransient type

72-----Tourist camp or court, nontransient type

73-----YMCA, YMHA, YWCA, transient type

74-----YMCA, YMHA, YWCA, nontransient type

75-----Private residential clubs

76-----Rooming and boarding houses. Those that meet the special place

76-----Tourist homes definition.

A private residential club, rooming or boarding house, or tourist home is to be classified as a special place only if it contains five or more rooms or groups of rooms to be rented out. If there are fewer than five rooms or groups of rooms for rent, combine these rooms or groups of rooms with the landlord's quarters (or with each other if the landlord does not live in the structure).

77-----Combination tourist-trailer court, transient-type

78-----Combination tourist-trailer court, nontransient type

79-----Groups of five or more vacation cabins under single management, transient-type

Facilities for Housing Students

81-----School dormitory

81-----Fraternity

81-----Sorority

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APPENDIX A

11/14/85

CODES FOR TYPES OF SPECIAL PLACES (continued)

CODES

TYPES

II. OTHER SPECIAL PLACES

Facilities for Housing Students---continued

82-----School with resident students (other than for the needy or infirm and other than resident schools with separate codes 83 and 84----see below).*

- 83-----Schools with resident students and with predominantly non-salaried faculty such as nuns or priests.*
- 84-----Schools with resident students and operated primarily for religious training (other than those with predominantly non-salaried faculty) such as Bible Institutes.*
- Facilities for Housing Workers
- 85-----Dormitory for workers (other than specified for codes 86, 87 and 88).
- 86-----Bunkhouse (provided that it has or is expected to have quarters for 5 or more farm or ranch hands).
- 87-----Labor camp
- 87-----Logging camp
- 88-----Migratory workers' camp (those that meet the special place definition).
- Additional Other Places
- 91-----Convents and other sisters' residences (those that meet the special place definition).
- 91-----Monasteries, other brothers' residences, and rectories (those that meet the special place definition).
- 92-----Communes
- 93-----Halfway houses--when occupants live there on a voluntary basis (assign halfway houses for persons not there on a voluntary basis to the appropriate institutional code).
- 00-----Nurses' Homes
- 01-----Flophouses, railroad stations
- 01-----Missions, Salvation Army Shelters
- 02-----Recreational and religious camps (adults or family)
- 03-----Recreational and religious camps (children's)
- 04-----Trailer camps
- 05-----Tent camps
- 06-----Armed forces installations
- 07-----Armed forces hospitals

*For a school with resident faculty only, assign code 82, 83, or 84 as appropriate.

1NOTES:

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APPENDIX

B

INDUSTRY RECODES OUTLINE

Recodes

No. 1	No. 2			
Chrs.	Chrs.	Detail Code	Industry Title	SIC Code*
80-81	82-83	(Chrs. 77-79)		

01	01	010-011,020-021	AGRICULTURE	01-02,07,078
----	----	-----------------	-------------	--------------

02	01	030-031	FORESTRY AND FISHERIES	08-09
10	02	040-042,050	MINING	10-14
20	03	060	CONSTRUCTION	15-17
(30-34, 40-46)	(04)	-	MANUFACTURING:	
(30-34)			NONDURABLE GOODS	
30	04	100-102,110-112, 120-122	Food and kindred products	201-209
31	04	132,140-142, 150-152	Textile mill and finished textile products	221-229,231-239
32	04	171-172	Printing, publishing and allied industries	271-279
33	04	180-182,190-192	Chemicals and allied products	281-287,289
34	04	130,160-162, 200-201,210-212, 220-222	Other nondurable goods	21,261-266,291,295, 299,301-304,306- 311,313-317,319

*Standard Industrial Classification

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APPENDIX

B

INDUSTRY RECODES OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Industry Title	SIC Code*
Chrs.	Chrs.	(Chrs. 77-79)		
80-81	82-83			
(30-34, 40-46)	(04)	-	MANUFACTURING: - continued	
(40-46)			DURABLE GOODS	
40	04	230-232,241-242	Furniture, lumber and wood	
41	04	270-272,280	Primary metal industries	331-332,334,3331-

3334, 3339, 3351, 3353-

3362, 3369,

3357, 3361-

339

42	04	281-282, 290-292, 300	Fabricated metal industries, including ordnance	341-349
43	04	310-312, 320-322, 331-332	Machinery, except electrical	351-359
44	04	340-342, 350	Electrical machinery, equipment and supplies	361-367, 369
45	04	351-352, 360-362, 370	Transportation equipment	371-376, 379
46	04	250-252, 261-262, 301, 371-372, 380-382, 390-392	Other and not specified durable goods	321-329, 381-387, 394

(50-54) (05) - TRANSPORTATION, COMMUNICATIONS
AND OTHER PUBLIC UTILITIES

50	05	400	Railroads	40
51	05	410-411	Trucking service and warehousing	421-423
52	05	401-402, 412, 420-422, 432	Other transportation	41, 43-47
53	05	440-442	Communications	481-483, 489
54	05	460-462, 470-472	Utilities and sanitary	491-497

*Standard Industrial Classification

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APPENDIX

B

INDUSTRY RECODES OUTLINE

Recodes

No. 1	No. 2			
Chrs.	Chrs.	Detail Code	Industry Title	SIC Code*
80-81	82-83	(Chrs. 77-79)		

60	06	500-502, 510-512, 521-522, 530-532, 540-542, 550-552, 560-562, 571	WHOLESALE TRADE	501-508, 5093, 5094, 5099, 511-518, 5191, 5194, 5198, 5199
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(61-65)	(07)	-	RETAIL TRADE	
61	07	591-592,600	General merchandise stores	531,533,539
62	07	601-602,610-611	Food, bakery and dairy stores	541-546,549
63	07	612,620-622	Automotive dealers and gasoline stations	551-557,559
64	07	641	Eating and drinking places	58
65	07	580-582,590, 630-632,640,642, 650-652,660-662,	Other and not specified retail trade	521,523,525-527,56, 571-573,591-593, 5941-5949,5961-
5963,		670-672,681-682, 691		598,5992-5994,5999

(70-71)	(08)	-	FINANCE, INSURANCE, AND REAL ESTATE	
70	08	700-702	Banking and credit agencies	60-61
71	08	710-712	Insurance, real estate, and other finance	62-67

*Standard Industrial Classification

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APPENDIX

B

INDUSTRY RECODES OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Industry Title	SIC Code*
Chrs.	Chrs.	(Chrs. 77-79)		
80-81	82-83			
(75-85)	(09-12)	-	SERVICES:	
(75-76)	(09)		BUSINESS AND REPAIR SERVICES	
75	09	721-722,730-732, 740-742,750	Business services	731-737,7391-7397, 7399,751,752,754
76	09	751-752,760	Repair services	753,762-764,7692,

				7694,7699
(77-78)	(10)	-	PERSONAL SERVICES	
77	10	761	Private households	88
78	10	762,770-772, 780-782,790-791	Other personal services	701-704,721-726,729
79	11	800-802	ENTERTAINMENT AND RECREATION SERVICES	78,791-794,799
(80-85)	(12)	-	PROFESSIONAL AND RELATED SERVICES	
80	12	831	Hospitals	806
81	12	812,820-822,830, 832,840	Health services, except hospitals	801-803,8041-8042, 8049,805,807-809
82	12	842,850	Elementary and secondary schools and colleges	821-822
83	12	851-852,860	Other educational services	823-824,829
84	12	861-862,870-872, 880-881	Social services, religious and membership organizations	832-833,835-836, 839,84,861-866,869
85	12	841,882,890-892	Legal, engineering and other professional services	81,891-893,899

*Standard Industrial Classification

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APPENDIX

B

INDUSTRY RECODES OUTLINE

Recodes				

No. 1	No. 2	Detail Code	Industry Title	SIC Code*
Chrs.	Chrs.	(Chrs. 77-79)		
80-81	82-83			
90	13	900-901,910, 921-922,930-932	PUBLIC ADMINISTRATION	911-913,919,92-97
95	14	990 and all other codes except 996	UNKNOWN INDUSTRY	-

96 14 996 NEW WORKER

97 15 Not applicable NOT IN LABOR FORCE - codes Blank
and 8 in current activity recode
(loc. 75) (Under 18 or 18+ and
not in Labor Force).

98 16 942 ARMED FORCES (excludes Reserves
and National Guard)

*Standard Industrial Classification

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APPENDIX

B

INDUSTRY RECODE TITLES

Code	Titles	Recode No. 1 Inclusions
01	AGRICULTURE, FORESTRY AND FISHERIES	01,02
02	MINING	10
03	CONSTRUCTION	20
04	MANUFACTURING	30-34, 40-46
05	TRANSPORTATION, COMMUNICATIONS AND OTHER PUBLIC UTILITIES	50-54
06	WHOLESALE TRADE	60
07	RETAIL TRADE	61-65
08	FINANCE, INSURANCE, AND REAL ESTATE	70-71
09	BUSINESS AND REPAIR SERVICES	75-76
10	PERSONAL SERVICES	77-78
11	ENTERTAINMENT AND RECREATION SERVICES	79
12	PROFESSIONAL AND RELATED SERVICES	80-85
13	PUBLIC ADMINISTRATION	90
14	UNKNOWN (includes new workers)	95-96

15	NOT IN LABOR FORCE	97
16	ARMED FORCES	98

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APPENDIX C

OCCUPATION RECODE OUTLINE

Recodes				

No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs.	Chrs.	(Chrs. 84-86)		
87-88	89-90			
(01-03)	(01)	-	EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	-
01	01	003-006	Officials and administrators, public administration	111-113
02	01	007-009,013-019	Managers and administrators, except public administration	121-128,132-139
03	01	023-029,033-037	Management related occupations	1412,1414-1415, 1419,142-143, 1442-1443,1449, 145,1472-
1473,149				
(04-11)	(02)	-	PROFESSIONAL SPECIALTY OCCUPATIONS	-
04	02	044-049,053-059	Engineers	1622-1628,1632- 1637,1639
05	02	043,063	Architects and surveyors	161,164
06	02	064-069,073-079 083	Natural mathematical and computer scientists	171-172,1732- 1733,1739,1842- 1843,1845-1847, 1849,1852-1855
07	02	084-089	Health diagnosing occupations	27,261-262,281, 283,289
08	02	095-099,103-106	Health assessment and treating occupations	29,301-302,3031- 3034,3039,304,
09	02	113-119,123-129, 133-139,143-149 153-159,163-165	Teachers, librarians and counselors	2212-2218,2222- 2228,2231-2238, 2242-2247,2249, 231-233,235,236, 239,24,251,252
10	02	183-189,193-195, 197-199	Writers, artists, entertainers and athletes	34,321-329,331- 333,398
11	02	166-169,173-179	Other professional specialty	1912-1916,1919,

occupations

192,2032-2033,
2042,2049,211-

212

*Standard Occupational Classification.

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APPENDIX

C

OCCUPATION RECODE OUTLINE

Recodes				
No. 1 Chrs. 87-88	No. 2 Chrs. 89-90	Detail Code (Chrs. 84-86)	Occupation Title	SOC Code*
(12-13)	(03)	-	TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	-
12	03	203-208	Health technologists and technicians	362-366,369
13	03	213-218,223-229, 233-235	Technologists, technicians except health	3711-3713,3719, 372-
373,382,3831-				
3833,384,389,392-				
3972,3974,399,825				
(14-16)	(04)	-	SALES OCCUPATIONS	-
14	04	243	Supervisors and proprietors	40
15	04	253-259	Sales representatives, commodities and finance	4122-4124,4152- 4153,421,423-424
16	04	263-269,274-278, 283-285	Other sales	4342-4348,4351- 4354,4356,4359, 4362-4367,4369, 444-447,449
(17-21)	(05)	-	ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	-
17	05	308-309	Computer equipment operators	4612-4613
18	05	313-315	Secretaries, stenographers and typists	4622-4624
19	05	337-339,343-344	Financial records processing occupations	4712-4713,4715- 4716,4718
20	05	354-357	Mail and message distributing	4742-4745
21	05	303-307,316-319, 323,325-329,	Other administrative support	4511-4519,4521- 4529,463,4642-

335-336, 345-349,
 353, 359, 363-366,
 368-369, 373-379,
 383-387, 389

4645, 4649, 4662-
 4664, 4692, 4694,
 4696, 4699, 4722-
 4723, 4729, 4732-
 4733, 4739, 4751-
 4759, 4782-4784,
 4786-4787, 4791-
 4795, 4799

*Standard Occupational Classification.

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APPENDIX

C

OCCUPATION RECODE OUTLINE

Recodes				

No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs.	Chrs.	(Chrs. 84-86)		
87-88	89-90			
22	06	403-407	PRIVATE HOUSEHOLD OCCUPATIONS	502-507, 509
(23-24)	(07)	-	PROTECTIVE SERVICE OCCUPATIONS	
23	07	413-414, 416-418, 423-424	Police and firefighters	5111-5112, 5122- 5123, 5132-5134
24	07	415, 425-427	Other protective service occupations	5113, 5142, 5144, 5149
(25-28)	(08)	-	SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	
25	08	433-439, 443-444	Food service	5211-5219
26	08	445-447	Health service	5232-5233, 5236
27	08	448-449, 453-455	Cleaning and building service	5241-5242, 5244- 5246, 5249
28	08	456-459, 463-469	Personal service	5251-5258, 5262- 5264, 5269
(29-31)	(09)	-	FARMING, FORESTRY AND FISHING OCCUPATIONS	

29	09	473-476	Farm operators and managers	5512-5515,5522-5525
30	09	477,479,483-489	Farm workers and other agricultural workers	5611-5619,5621-5622,5624-5625,5627
31	09	494-499	Forestry and fishing occupations	571-573,579,583-

584,8241(pt.)

*Standard Occupational Classification.

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APPENDIX

C

OCCUPATION RECODE OUTLINE

Recodes				

No. 1	No. 2			
Chrs.	Chrs.	Detail Code	Occupation Title	SOC Code*
87-88	89-90	(Chrs. 84-86)		
(32-34)	(10)	-	PRECISION PRODUCTION, CRAFT AND REPAIR OCCUPATIONS	
32	10	503,505-509, 514-519,523, 525-527,529 533-536,538-539, 543-544,547,549	Mechanics and repairers	60,6111-6118, 613-614,6151- 6159,616,6171- 6179
33	10	553-558,563-567, 569,573,575-577, 579,583-585, 587-589,593-599, 613-617	Construction and extractive trades	6311-6316,6318, 632,6412-6414, 6422,6424,6432- 6433,6442-6444, 645,6462-6468, 6472,6476,6479, 652-654,656
34	10	633-637,639, 643-647,649, 653-659,666-669, 673-679,683-684, 686-689,693-696, 699	Precision production occupations	67,71,6811-6814, 6816-6817,6821- 6824,6829,6831- 6832,6835,6839, 6844,6852-6854, 6856,6859,6861- 6862,6864-6867, 6869,6871-6873, 6879,6881-6882, 691-696,7447, 7668,7677,7752, 828

*Standard Occupational Classification

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APPENDIX

C

OCCUPATION RECODE OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs.	Chrs.	(Chrs. 84-86)		
87-88	89-90			
OPERATORS, FABRICATORS AND LABORERS				
(35-36)	(11)		MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	
35	11	703-709,713-715, 717,719,723-729, 733-739,743-745, 747-749,753-759, 763-766,768-769, 773-774,777,779	Machine operators and tenderers, except precision	6841-6842,6849, 6855,6863,6868, 7312-7319,7322, 7324,7326,7329, 7339,7342-7344, 7349,7431-7435, 7439,7443-7444, 7449,7451-7452, 7459,7462-7463, 7467,7472,7474, 7476-7478, 7479(pt.),7512- 7519,7522,7529, 7539,7542-7544, 7549,7631-7636, 7639,7642-7644, 7649,7651-7652, 7654-7659,7661- 7667,7669,7671- 7676,7677(pt.), 7678-7679
36	11	783-787,789, 793-799	Fabricators, assemblers, inspectors and samplers	7332-7333,7532- 7533,7714,7717, 772,774,7753- 7759,782-785,787
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS				
(37-39)	(12)	-		
37	12	803-806,808-809, 813-814	Motor vehicle operators	8111,8212-8216, 8218-8219,874
38	12	823-826,828-829, 833-834	Other transportation, except motor vehicles	8113,8232-8233, 8239,8241(pt.), 8242-8245
39	12	843-845,848-849, 853,855-856,859	Material moving equipment operators	812,8312-8319

*Standard Occupational Classification

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APPENDIX

C

OCCUPATION RECODE OUTLINE

Recodes

No. 1	No. 2			
Chrs.	Chrs.	Detail Code	Occupation Title	SOC Code*
87-88	89-90	(Chrs. 84-86)		
(40-41)	(13)		HANDLERS, EQUIPMENT CLEANERS, HELPERS AND LABORERS	
40	13	869	Construction laborers	871
41	13	863-867,873, 875-878,883,885, 887-889	Freight, stock and material handlers	85,861-863, 8641-8646, 8648,865, 8722-8726,873, 875,8761,8769
95	14	999 and all other codes except 990	UNKNOWN OCCUPATION	
96	14	990	NEW WORKER	
97	15	Not applicable	NOT IN LABOR FORCE - codes Blank and 8 in current activity recode (Loc. 75). (Under 18 or 18+ and Not in Labor Force)	
98	16	905	MILITARY	

*Standard Occupational Classification

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APPENDIX

C

OCCUPATION RECODE TITLES

Code	Titles	Recode No. 1 Inclusions
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS		
01	EXECUTIVE, ADMINISTRATIVE AND MANAGERIAL OCCUPATIONS	01-03
02	PROFESSIONAL SPECIALTY OCCUPATIONS	04-11
TECHNICAL, SALES AND ADMINISTRATIVE SUPPORT OCCUPATIONS		
03	TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	12-13
04	SALES OCCUPATIONS	14-16
05	ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	17-21
SERVICE OCCUPATIONS		
06	PRIVATE HOUSEHOLD OCCUPATIONS	22
07	PROTECTIVE SERVICE OCCUPATIONS	23-24
08	SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	25-28
09	FARMING, FORESTRY AND FISHING OCCUPATIONS	29-31
10	PRECISION PRODUCTION, CRAFT AND REPAIR OCCUPATIONS	32-34
OPERATORS, FABRICATORS AND LABORERS		
11	MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	35-36
12	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	37-39
13	HANDLERS, EQUIPMENT CLEANERS, HELPERS AND LABORERS	40-41
14	UNKNOWN OCCUPATION (includes New Workers)	95-96
15	NOT IN LABOR FORCE	97
16	MILITARY	98

1NOTES:

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APPENDIX D

DESCRIPTION OF CLASS OF ACCIDENT CODE

The three-digit Class of Accident Code described in detail below classifies

accidents as follows. Priority is given to Codes 400, 500, 600 in that order.

Total Motor Vehicle Accidents = Codes 1 and 2 in first digit of recode

Moving Motor Vehicle

Accidents = Code 1 in first digit of recode

Nonmoving Motor Vehicle

Accidents = Code 2 in first digit of recode

Total Work Accidents = Code 1 in second digit of recode

Total Home Accidents = Code 1 in third digit of recode

Class of Accident Recode Loc. 135-137	Description	SOURCE - TAPE LOCATIONS			
		132 MV	134 MMV	130 Where?	131 Work?
111	Moving motor vehicle - at work - at home	1	1	1,2	1
112	Moving motor vehicle - at work- not at home- street or highway	1	1	3	1
113	Moving motor vehicle - at work - not at home - not on street or highway	1	1	Not 1-3	1
121	Moving motor vehicle - not at work - at home - not on street or highway	1	1	1,2	Not 1,4
122	Moving motor vehicle - not at work - not at home - on street or highway	1	1	3	Not 1
123	Moving motor vehicle - not at work - not at home not on street or highway	1	1	Not 1-3	Not 1-4

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APPENDIX D

DESCRIPTION OF CLASS OF ACCIDENT CODE

Class of Accident Recode Loc. 135-137	Description	SOURCE - TAPE LOCATIONS			
		132 MV	134 MMV	130 Where?	131 Work?

211	Nonmoving motor vehicle - at work - at home	1	Not 1	1,2	1
212	Nonmoving motor vehicle - at work - not at home	1	Not 1	Not 1,2	1
221	Nonmoving motor vehicle - not at work - at home	1	Not 1	1,2	Not 1,4
222	Nonmoving motor vehicle - not at work - not at home	1	Not 1	Not 1,2	Not 1,4
311	Non-motor vehicle - at work - at home	Not 1	-	1,2	1
312	Non-motor vehicle - at work - not at home	Not 1	-	Not 1,2	1
321	Non-motor vehicle not at work - at home	Not 1	-	1,2	Not 1,4
322	Non-motor vehicle - not at work - not at home	Not 1	-	Not 1,2	Not 1,4
400	Injured in Armed Forces	-	-	-	4
500	Therapeutic misadventure	-	-	-	Not 4
600	Injury Condition/Adverse Reaction	-	-	-	Not 4

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APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

OPERATION, TYPE UNKNOWN, SITE UNKNOWN

00 Operation, no site or type

Includes: operation NEC on gland NOS, or "side," or other very ill-defined site. Use 00 when it is known that an operation was performed, but there is no information about the kind of operation or about the body system or part involved.

OPERATIONS ON THE NERVOUS SYSTEM (01-05)

01 Incision and excision of skull, brain, and cerebral meninges

02 Other operations on skull, brain, and cerebral meninges

03 Operations on spinal cord and spinal canal structures

04 Operations on cranial and peripheral nerves

05 Operations on sympathetic nerves or ganglia

OPERATIONS ON THE ENDOCRINE SYSTEM (06-07)

06 Operations on thyroid and parathyroid glands

07 Operations on other endocrine glands

OPERATIONS ON THE EYE (08-16)

08 Operations on eyelids

09 Operations on lacrimal system (tear ducts)

10 Operations on conjunctiva

11 Operations on cornea

12 Operations on iris, ciliary body, sclera, and anterior chamber

13 Operations on lens

14 Operations on retina, choroid, vitreous, and posterior chamber

15 Operations on extraocular muscles

16 Operations on orbit and eyeball

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APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

OPERATIONS ON THE EAR (18-20)

18 Operations on external ear

19 Reconstructive operations on middle ear

20 Other operations on middle and inner ear

OPERATIONS ON THE NOSE, MOUTH AND PHARYNX (21-29)

21 Operations on the nose

Includes: operations on bone and skin of nose

22 Operations on nasal sinuses

23 Removal and restoration of teeth

24 Other operations on teeth, gums and alveoli

25 Operations on tongue

26 Operations on salivary glands and ducts

27 Other operations on mouth and face

Includes: operations on lips, palate and soft tissue of face and mouth,
except tongue and gingiva.

28 Operations on tonsils and adenoids

29 Operations on pharynx

OPERATIONS ON THE RESPIRATORY SYSTEM (30-34)

30 Excision of larynx

31 Other operations on larynx and trachea

32 Excision of lung and bronchus

33 Other operations on lung and bronchus

34 Operations on chest wall, pleura, mediastinum and diaphragm

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APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

OPERATIONS ON THE CARDIOVASCULAR SYSTEM (35-39)

35 Operations on valves and septa of heart

36 Operations on vessels of heart

37 Other operations on heart and pericardium

38 Incision, excision and occlusion of vessels

39 Other operations on vessels

OPERATIONS ON THE HEMIC AND LYMPHATIC SYSTEM (40-41)

40 Operations on lymphatic system

41 Operations on bone marrow and spleen

OPERATIONS ON THE DIGESTIVE SYSTEM (42-54)

42 Operations on the esophagus

43 Incision and excision of stomach

44 Other operations on stomach

45 Incision, excision, and anastomosis of intestine

46 Other operations on intestine

- 47 Operations on appendix
 - 48 Operations on rectum and perirectal tissue
 - 49 Operations on anus
 - 50 Operations on liver
 - 51 Operations on gallbladder and biliary tract
Includes: operations on common bile duct, cystic duct and hepatic duct
 - 52 Operations on pancreas
 - 53 Repair of hernia
 - 54 Other operations on abdominal region
Includes: operations on epigastric region, flank, groin region,
inguinal region, loin region, male pelvic cavity, mesentery, omentum,
peritoneum and retroperitoneal tissue space
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APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

OPERATIONS ON THE URINARY SYSTEM (55-59)

- 55 Operations on kidney
Includes: operations on renal pelvis
- 56 Operations on ureter
- 57 Operations on urinary bladder
- 58 Operations on urethra
- 59 Other operations on urinary tract

OPERATIONS ON MALE GENITAL ORGANS (60-64)

- 60 Operations on prostate and seminal vesicles
- 61 Operations on scrotum and tunica vaginalis
- 62 Operations on testes
- 63 Operations on spermatic cord, epididymis, and vas deferens
- 64 Operations on penis

OPERATIONS ON THE FEMALE GENITAL ORGANS (65-71)

- 65 Operations on ovary

- 66 Operations on fallopian tubes
- 67 Operations on cervix
- 68 Other incision and excision of uterus
- 69 Other operations on uterus and supporting structures
- 70 Operations on vagina and cul-de-sac
- 71 Operations on vulva and perineum

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APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

OBSTETRICAL PROCEDURES (72-75)

- 72 Forceps, vacuum, and breech delivery
- 73 Other procedures inducing or assisting delivery
 - Includes: spontaneous delivery with manual assistance
- 74 Caesarean section and removal of fetus
- 75 Other obstetric operations
 - For HIS, includes also "normal delivery"

OPERATIONS ON THE MUSCULOSKELETAL SYSTEM (76-84)

- 76 Operations on facial bones and joints
 - Excludes: accessory sinuses (22); nasal bones (21); and skull (01-02)
- 77 Incision, excision and division of other bones
 - Excludes: operations on facial bones (76); joint structures (80-81); nasal bones (21); and skull (01-02)
- 78 Other operations on bones, except facial bones
 - Excludes: operations on joint structures (80-81); nasal bones (21); and skull (01-02)
- 79 Reduction of fracture and dislocation
 - Includes: application of cast or splint; reduction with insertion of traction device
 - Excludes: external fixation alone for immobilization of fracture (93); internal fixation without reduction of fracture (78);

(76); operations on facial bones (76); nasal bones (21); orbit
skull (02); vertebrae (03); removal of cast or splint (97);
replacement of cast or splint (97); and traction alone for
reduction of fracture (93)

80 Incision and excision of joint structures

Includes: operations on capsule of joint; cartilage; condyle; ligament;
meniscus; and synovial membrane

Excludes: cartilage of ear (18); nose (21); and joints of face (76)

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APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

OPERATIONS ON THE MUSCULOSKELETAL SYSTEM (76-84) - continued

81 Repair and plastic operations on joint structures

Includes: operations on ankle; knee; shoulder; elbow; wrist; hip;
vertebrae; fingers; and toes not codable elsewhere and when
condition is not specified and tissue (such as skin, bone,
etc.) is not apparent.

82 Operations on muscle, tendon and fascia of hand

Includes: operations on synovial membrane and tendon sheath

83 Operations on muscle, tendon, fascia and bursa, except hand

Includes: operations on synovial membrane and tendon sheaths.
Excludes: hand (82); diaphragm (34); and muscles of eye (15).

84 Other procedures on musculoskeletal system.

OPERATIONS ON THE INTEGUMENTARY SYSTEM (85-86)

85 Operations on the breast

Includes: operations on skin of breast and previous mastectomy site
(female or male).

86 Operations on skin and subcutaneous tissue

Includes: operations on hair follicles; male perineum; nails; sebaceous
glands subcutaneous fat pads; and superficial fossae.

Includes also: operations on regions such as arm; armpit; back; cheek;
buttock; chin; feet; forearm; forehead; hand; head;

heel;

leg; neck; scalp; temple: temporal region; and thigh

when

specific tissue (such as bone; cartilage; joint; etc.)
involved is not mentioned.

Excludes: those on skin of anus (49); breast (85); ear (18); eyebrow (08); eyelid (08); female perineum (71); lips (27); nose (21); penis (64); scrotum (61); and vulva (71).

Excludes also: operations on the head when a specific part (such as brain) is mentioned

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APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

MISCELLANEOUS DIAGNOSTIC AND THERAPEUTIC PROCEDURES (87-99)

87 Diagnostic radiology

Includes: diagnostic X-rays of face, head, neck, brain, skull, spine, chest, digestive tract, urinary system, genital organs, abdomen and breast.

Excludes: angiography (88).

88 Other diagnostic radiology and related techniques

Includes: CAT scan of abdomen; skeletal X-rays of extremities; arteriograms using contrast material; and X-rays of veins.

Excludes: angiogram of eye (95).

89 Interview, evaluation, consultation, and examination

Includes: diagnostic interviews; neurological exams; gynecological exams: dental exams; digital exams of rectum; pacemaker checks; electrocardiograms and general physical exams.

90 Microscopic examination-I

Includes: microscopic examination of specimen from nervous system, spinal fluid, endocrine glands, eye, ear, nose, throat, larynx, trachea, bronchus, pleura, lung, of sputum, and blood.

91 Microscopic examination - II

Includes: microscopic examination of specimen from liver, bile ducts or passage, pancreas, peritoneal, retroperitoneal, kidney, ureter, perirenal, periureteral tissue, bladder, urethra, prostate, seminal vesicle, urine, semen, and female genital tract.

92 Nuclear medicine

Includes: scans radiation therapy (cobalt) (iodine).

93 Physical therapy, respiratory therapy, rehabilitation, and related procedures

Includes: diagnostic physical therapy; physical therapy exercises such as breathing exercises; manual traction; training in use of prosthesis; whirlpool treatments; heat therapy; skeletal traction; speech and reading training for blind; play therapy;

1 education therapy; artificial respiration, mouth to mouth resuscitation; oxygen and helium therapy.

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APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

MISCELLANEOUS DIAGNOSTIC AND THERAPEUTIC PROCEDURES (87-99) - continued

94 Psychiatric interviews, consultations and evaluations

Includes: routine psychiatric visits; psychoanalysis; psychiatric electroshock therapy and other non-operative procedures relating to the psyche.

95 Ophthalmologic and otologic diagnosis and treatment

Includes: eye exams; functional tests of eye; fitting glasses, contact lens; hearing tests; and fitting hearing aids.

96 Nonoperative intubation and irrigation

Includes: insertion of airway tubes; ear packing; vaginal packing; insertion of vaginal diaphragm; rectal packing; dilation of rectum and anus; manual reduction of hernia; gastric lavage; irrigation of ostomies; cleaning of eye, ear and nose; lavage of bronchus and trachea

97 Replacement and removal of therapeutic appliances

Includes: replacement of ostomy tubes; replacement of casts; removal of nasal packing, removal of dental wiring; removal of sutures from head and neck; removal of drainage tubes; removal of IUD and removal of sutures from genital tract.

98 Nonoperative removal of foreign body

Includes: removal of foreign body from digestive system, ear, nose, larynx, vagina, etc. WITHOUT INCISION.

99 Other nonoperative procedures

Includes: blood transfusions, exchange transfusions, injections or infusions of therapeutic or prophylactic substances; cardiac pacemaker (battery and sensing types), acupuncture and fitting of dentures.