

1988

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, 1988," should appear at the bottom of all tables. When cited in a bibliography, the suggested citation should read:

National Center for Health Statistics (1989). Public Use Data Tape Documentation, Part I, National Health Interview Survey, 1988 (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.

Interviewer's Manual, 1988. Part II, Public Use Data Tape Documentation.

Medical Coding Manual and Short Index, 1988. 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, Hardy AM. Current Estimates from the National Health Interview Survey, 1988. National Center for Health Statistics. Vital Health Stat 10(173). 1989.

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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 = HISY1988.HOUSEHLD
 - PERSON = HISY1988.PERSONSX
 - CONDITION = HISY1988.CONDITON
 - HOSPITAL = HISY1988.HOSPITAL
 - DOCTOR VISIT = HISY1988.DRVISITS

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

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NATIONAL HEALTH INTERVIEW SURVEY
Calendar Year 1988 Computer Processing
Public Use Data Tape

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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 1988 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 1988 PUBLIC USE TAPE COMPARED TO 1987

The 1988 Public Use Tape resembles the 1987 version, with only a few exceptions. These differences are described below:

PERSON VARIABLES:

Tape Location

Item

184 Blank

CONDITION VARIABLES:

Tape Location Item
184 Blank

DOCTOR VISIT VARIABLES:

Tape Location Item
184 Blank

HOSPITAL VARIABLES:

Tape Location Item
184 Blank

1NOTES:

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

1NOTES:

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NHIS PUBLIC USE TAPE RECORDS
Outline of Items and Codes
Number of Records = 50,061
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-	50,061	RECORD TYPE 10. Household Record
3-4	-	50,061	PROCESSING YEAR 88. 1988

5	-		PROCESSING QUARTER
		12,395	1. Quarter 1
		12,480	2. Quarter 2
		12,436	3. Quarter 3
		12,750	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)

3,793	Week 01.
3,975	Week 02.
3,860	Week 03.
3,835	Week 04.
3,778	Week 05.
3,879	Week 06.
3,885	Week 07.
3,885	Week 08.
3,852	Week 09.
3,826	Week 10.
3,812	Week 11.
3,826	Week 12.
3,855	Week 13.

21 BLANK

1 - 11 -

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)

715	00. Housing unit; kind unknown
46,215	01. House, apartment, flat
45	02. HU in nontransient hotel, motel, etc.
27	03. HU-permanent in transient hotel, motel, etc.
55	04. HU in rooming house
2,082	05. Mobile home or trailer with no permanent room added
325	06. Mobile home or trailer with one or

more permanent rooms added

19	07. HU not specified above
	Other Unit = (08-13)
25	08. Quarters not HU in rooming or boarding house
1	09. Unit not permanent in transient hotel, motel, etc.
45	10. Unoccupied site for mobile home, trailer, or tent
427	11. Student quarters in college dormitory
64	12. Other unit not specified above
16	13. Other unit; kind unknown

24	HH-11	HAS TELEPHONE
	42,311	1. Yes, phone number given
	1,743	2. Yes, no phone number given
	2,946	3. No
	485	4. Unknown
	2,576	Blank. Non-interview

25-26	HH-6	SPECIAL PLACE (Unedited)
		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
27	HH-15		COMPLETED INTERVIEW
		47,091	1. Completed interview - non-military household
		2,576	2. Non-interview
		394	3. Completed interview - military household*

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

Type A

1,523	01. Refused
516	02. No one at home
339	03. Temporarily absent
198	04. Other
47,485	Blank. Not applicable (completed

interview)

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

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
58	Generated		REFERENCE PERSON PRESENT - Primary Family 1. Yes or all adult family members in Armed Forces Blank. Household with unrelated individuals 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

1

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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 HOUSEHOLD	Generated		NUMBER OF CONDITION RECORDS FOR THE
72-73	Generated		NUMBER OF TWO-WEEK DOCTOR VISIT RECORDS FOR THE HOUSEHOLD
74-75	Generated		NUMBER OF HOSPITAL RECORDS FOR THE HOUSEHOLD

76 A-A2

CONDITION LIST ASSIGNED

7,934	1. Condition List 1, Skin and Musculoskeletal
7,887	2. Condition List 2, Impairments
7,912	3. Condition List 3, Digestive
7,914	4. Condition List 4, Miscellaneous
7,871	5. Condition List 5, Circulatory
7,932	6. Condition List 6, Respiratory
35	7. Unknown
2,576	Blank. Non-interview

77-177 -

BLANK

178 Master Record

TYPE OF SUBSTRATUM

5,110	0. Permit
5,065	1. Area, oversampled for blacks
39,886	2. Area, not oversampled for blacks

179-181

BLANK

182 Master Record

REGION

10,518	1. Northeast
12,519	2. Midwest
16,852	3. South
10,172	4. West

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NHIS PUBLIC USE TAPE RECORDS
HOUSEHOLD RECORD

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

183 Master Record

GEOGRAPHIC DISTRIBUTION

MSA Size

21,737	1. 1,000,000 or more
13,011	2. 250,000 - 999,999
3,121	3. 100,000 - 249,999

812
11,380

4. Under 100,000
Blank. Non-MSA

184

BLANK

185

Master
Record

TYPE OF PSU

27,559
11,122
8
11,372

1. MSA - Self-representing
3. MSA - Nonself-representing
4. Non-MSA - Self-representing
6. Non-MSA - Nonself-representing

186

Recode

MSA - NON-MSA RESIDENCE

16,303
20,141
10,392
650
2,575

1. MSA - Central City
2. MSA - Not Central City
3. Non-MSA - Nonfarm
4. Non-MSA - Farm
Blank. Non-interview

187-200

BLANK

201-206

QUARTER BASIC WEIGHT

Adjusted by Segment and Special HH Sampling
Factors (XXXXX.X)

207-335

BLANK

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

1NOTES:

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NHIS PUBLIC USE TAPE RECORDS
OUTLINE OF ITEMS AND CODES
Number of Records = 122,310
PERSON RECORD

Tape
Locations Item No. Frequency Items and Codes

1-2	-		RECORD TYPE
		122,310	20. Person Record
3-4	-		PROCESSING YEAR
		122,310	88. 1988
5	-		PROCESSING QUARTER
		30,097	1. Quarter 1
		30,883	2. Quarter 2
		30,395	3. Quarter 3
		30,935	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 -

BLANK (Record Serial Number on other record types).

19-20 HH-5

PROCESSING WEEK CODE (Numbered within Quarter)

9,203	Week 01.
9,790	Week 02.
9,298	Week 03.
9,452	Week 04.
9,081	Week 05.
9,553	Week 06.
9,627	Week 07.
9,384	Week 08.
9,208	Week 09.
9,433	Week 10.
9,531	Week 11.
9,381	Week 12.
9,369	Week 13.

21

BLANK

1

- 21 -

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)

	1,002	00. Housing unit; kind unknown
	114,388	01. House, apartment, flat
motel,	75	02. HU in nontransient hotel, etc.
hotel,	51	03. HU-permanent in transient motel, etc.
	61	04. HU in rooming house
	5,022	05. Mobile home or trailer with no permanent room added
	829	06. Mobile home or trailer with one or more permanent rooms added
	23	07. HU not specified above

Other Unit = (08-13)

	27	08. Quarters not HU in rooming or boarding house
	2	09. Unit not permanent in transient hotel, motel, etc.
home,	138	10. Unoccupied site for mobile trailer, or tent
	597	11. Student quarters in college dormitory
	73	12. Other unit not specified above
	22	13. Other unit; kind unknown

24 HH-11

HAS TELEPHONE

109,169	1. Yes, phone number given
4,204	2. Yes, no phone number given
7,867	3. No
1,070	4. Unknown

25 A-1

SEX

58,037	1. Male
64,273	2. Female

26 -

BLANK

Tape Locations	Item No.	Frequency	Items and Codes
27-28	Person Column		AGE
		2,042	00. Under 1 year
		120,247	01-98. Number of years
		21	99. 99+ years of age
29	Recode		AGE RECODE #1
		9,767	1. Under 5 years
		24,178	2. 5-17 years
		11,980	3. 18-24 years
		37,958	4. 25-44 years
		23,302	5. 45-64 years
		5,208	6. 65-69 years
		4,078	7. 70-74 years
		5,839	8. 75 years and over
30	Recode		AGE RECODE #2
		11,701	1. Under 6 years
		20,184	2. 6-16 years
		14,040	3. 17-24 years
		20,275	4. 25-34 years
		17,683	5. 35-44 years
		12,362	6. 45-54 years
		10,940	7. 55-64 years
		9,286	8. 65-74 years
		5,839	9. 75 years and over
31-32	Recode		AGE RECODE #3
		5,923	00-35. Months
		116,387	36. Over 3 years
33	-		BLANK

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
			1900-1989. 1900-1989
			9999. DK or refused

40-41			BLANK
-------	--	--	-------

Tape Locations	Item No.	Frequency	Items and Codes
42	L-3		MAIN RACIAL BACKGROUND - Reported
		1,056	1. Aleut, Eskimo, or American Indian
		2,740	2. Asian/Pacific Islander
		18,642	3. Black
		97,198	4. White
		1,195	5. Other
		191	6. Multiple race
		1,288	7. Unknown

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

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

99,719	1. White
18,713	2. Black
3,878	3. Other

44

RECODE 2

99,719	1. White
22,591	2. Non-white

45

RECODE 3

18,713	1. Black
103,597	2. Non-black

46-47 L-4

HISPANIC ORIGIN

158	00. Multiple Hispanic
1,192	01. Puerto Rican
553	02. Cuban
1,785	03. Mexican-Mexicano
3,455	04. Mexican-American
69	05. Chicano
981	06. Other Latin American
1,127	07. Other Spanish
272	08. Spanish, DK type
1,344	09. Unknown if Spanish origin
111,374	10. Not Spanish origin

48 L-7

MARITAL STATUS

26,516	0. Under 14 years
55,990	1. Married - spouse in household
787	2. Married - spouse not in household
6,807	3. Widowed
6,313	4. Divorced
1,963	5. Separated
23,226	6. Never married
708	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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49 L-1

VETERAN STATUS

72,878	1. Non-veteran
64	2. WW I
4,289	3. WW II
2,249	4. Korean War
4,106	5. Vietnam veteran
1,061	6. Post-Vietnam
2,111	7. Other service
348	8. Served in Armed Forces, unknown if war veteran
1,259	9. Unknown if served in Armed Forces
33,945	Blank. Under 18 years of age

50 L-1 ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES

72,878	0. Non-veteran
961	1. All service in Guard/Reserve
1,901	2. Some service in Guard/Reserve
40	3. Unknown if all service in Guard/Reserve
10,380	4. No active service in Guard/Reserve
2,205	5. Unknown if ever active member in Guard/Reserve or served in Armed Forces
33,945	Blank. Under 18 years of age

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

4,918	00. Never attended; kindergarten only
73,400	01-12. Grades 1-12
	College:
6,357	13. 1 year
7,913	14. 2 years
2,898	15. 3 years
9,241	16. 4 years
1,949	17. 5 years
4,583	18. 6 years or more
1,284	19. Unknown
9,767	Blank. Under 5 years of age

53	Recode		EDUCATION OF INDIVIDUAL RECODE
		4,918	0. None; kindergarten only
		23,349	1. 1-8 years (elementary)
		15,972	2. 9-11 years (high school)
		34,079	3. 12 years (high school graduate)
		17,168	4. 1-3 years (college)
		9,241	5. 4 years (college graduate)
		6,532	6. 5+ years (post-college)
		1,284	7. Unknown
		9,767	Blank. Under 5 years of age

54-55	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT
FAMILY			MEMBER - (Detail)
		213	00. Never attended; kindergarten only
		62,965	01-12. Grades 1-12
			College:
		9,462	13. 1 year
		13,298	14. 2 years
		4,769	15. 3 years
		16,712	16. 4 years
		3,865	17. 5 years
		10,400	18. 6 years or more
		626	19. Unknown

56	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT
FAMILY			MEMBER - Recode
		213	0. None; kindergarten only
		6,753	1. 1-8 years (elementary)
		11,249	2. 9-11 years (high school)
		44,963	3. 12 years (high school graduate)
		27,529	4. 1-3 years (college)
		16,712	5. 4 years (college graduate)
		14,265	6. 5+ years (post-college)
		626	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
		43,640	1. Less than \$20,000
		75,150	2. \$20,000 or more
		3,520	3. Unknown

58-59	L-8		FAMILY INCOME
		747	00. Less than \$1,000
		842	01. \$ 1,000 - \$ 1,999
		1,042	02. 2,000 - 2,999
		1,364	03. 3,000 - 3,999
		1,743	04. 4,000 - 4,999
		1,799	05. 5,000 - 5,999
		1,947	06. 6,000 - 6,999
		2,010	07. 7,000 - 7,999
		1,827	08. 8,000 - 8,999
		1,994	09. 9,000 - 9,999
		2,537	10. 10,000 - 10,999
		1,666	11. 11,000 - 11,999
		2,413	12. 12,000 - 12,999
		1,637	13. 13,000 - 13,999
		1,756	14. 14,000 - 14,999
		2,491	15. 15,000 - 15,999
		1,749	16. 16,000 - 16,999
		2,025	17. 17,000 - 17,999
		2,418	18. 18,000 - 18,999
		3,081	19. 19,000 - 19,999
		10,717	20. 20,000 - 24,999
		9,912	21. 25,000 - 29,999
		9,319	22. 30,000 - 34,999
		7,492	23. 35,000 - 39,999
		6,821	24. 40,000 - 44,999
		5,072	25. 45,000 - 49,999
		17,366	26. \$50,000 and over
		18,523	27. Unknown

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
60	Recode		FAMILY INCOME RECODE
		5,738	0. Under \$5,000

3,746	1. \$ 5,000 - \$ 6,999
5,831	2. 7,000 - 9,999
10,009	3. 10,000 - 14,999
11,764	4. 15,000 - 19,999
10,717	5. 20,000 - 24,999
19,231	6. 25,000 - 34,999
19,385	7. 35,000 - 49,999
17,366	8. \$50,000 or more
18,523	9. Unknown

61	Generated		NHIS POVERTY INDEX*
		97,869	1. At or above poverty threshold
		14,226	2. Below poverty threshold
		10,215	3. Unknown

62-63 FAMILY RELATIONSHIP

62	A-2		TYPE OF FAMILY
		12,756	&. Primary individual
		1,358	- . Secondary individual
		108,008	0. Primary family
		188	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		11,735	&. Reference person, living alone
		36,564	0. Reference person, 2+ persons in household
		27,410	1. Spouse, other spouse NOT in Armed Forces and living at home
		333	2. Spouse, other spouse IN Armed Forces and living at home
		40,525	3. Child of reference person or spouse
		2,316	4. Grandchild of reference person or spouse
		939	5. Parent of reference person or spouse
		2,458	6. Other relative
		29	7. Child of ineligible reference person
		1	9. DK or refused

*Based on family size, number of children under 18 years of age & family income using the 1987 poverty levels derived from the August, 1988 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
		11,735	1. Living alone
		2,379	2. Living only with non-relative
		55,966	3. Living with spouse
		52,230	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)
		26,174	1. Both parents, no other relative
		6,472	2. Mother only
		495	3. Father only
		3,084	4. Both parents and other 21+ year old adult relative
		2,306	5. Mother and other 21+ year old adult relative
		181	6. Father and other 21+ year old adult relative
adult		460	7. No parent, but one 21+ year old relative
		740	8. No parent, but two or more 21+ year old adult relatives
		444	9. Unknown
		1,952	0. Other
ever		80,002	Blank. Not applicable (25+ years old or married)

*Count includes spouse in military but living at home.

Locations	Item No.	Frequency	Items and Codes
69	B-1 B-8		MAJOR ACTIVITY (18+ years old)
		53,616	1. Working
		17,588	2. Keeping house
		4,887	3. Going to school
		11,570	4. Something else
		704	5. Unknown
		33,945	Blank. Not applicable (Under 18 years)

70	G-4		HEALTH STATUS
		46,915	1. Excellent
		33,446	2. Very Good
		28,621	3. Good
		9,108	4. Fair
		3,484	5. Poor
		736	6. Unknown

71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
		5,123	1. Unable to perform major activity
activity		6,767	2. Limited in kind/amount major
		5,313	3. Limited in other activities
		105,107	4. Not limited (includes unknowns)

72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		5,037	1. Unable to work
		3,677	2. Limited in kind/amount of work
		2,886	3. Limited in other activities
		66,848	4. Not limited (includes unknowns)
		43,862	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
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73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		92	1. Unable to attend school
		732	2. Attends special school/classes
		104	3. Needs special school/classes
		255	4. Limited in school attendance
		403	5. Limited in other activities
		22,592	6. Not limited (includes unknowns)
		98,132	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			
		633	1. Unable to perform personal care
needs		1,393	2. Limited in performing other routine needs
		17,733	3. Not limited in performing personal routine needs
or		504	4. Unknown
		102,047	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)
		55,139	1. Worked in past 2 weeks
		1,226	2. Did not work, has job; not on lay-off and not looking for work
		43	3. Did not work, has job; looking for work
			Unemployed: (4-7)
off		137	4. Did not work, has job; on lay-off
off		11	5. Did not work, has job; on lay-off and looking for work
		458	6. Did not work, has job; unknown looking or on lay-off
if		2,002	7. Did not work, no job; looking for work or on lay-off
			Not in Labor Force (18+ years): (8)
		29,349	8. Not in Labor Force (18+ years)
		33,945	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.

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
76	L-6		CLASS OF WORKER
		29,349	0. Not in labor force
		42,335	1. Private company
		1,756	2. Federal Government employee
		2,225	3. State Government employee
		4,704	4. Local Government employee
		1,477	5. Incorporated business
		5,140	6. Self-employed
		142	7. Without pay
		76	8. Never worked
		1,161	9. Unknown
		33,945	Blank. Under 18
77-79	L-6		INDUSTRY DETAIL CODE
		59,016	010-996. Code number
		63,294	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
		59,016	003-999. Code number
		63,294	Blank. Not applicable
87-88	Recode		OCCUPATION RECODE 1
			SEE APPENDIX C

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
89-90	Recode		OCCUPATION RECODE 2 SEE APPENDIX C
91	L-R		RESPONDENT
		31,885	0. Under 17
		55,537	1. Self-entirely
		6,684	2. Self-partly
		26,849	3. Proxy
		1,355	4. Unknown
92	Recode		CONDITION LIST ASSIGNED AND ASKED
		20,318	1. Condition List 1, Skin and musculoskeletal
		20,247	2. Condition List 2, Impairments
		20,455	3. Condition List 3, Digestive
		20,319	4. Condition List 4, Miscellaneous
		20,106	5. Condition List 5, Circulatory
		20,501	6. Condition List 6, Respiratory
		364	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

109,510 00. None
 12,800 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
		114,700	00. None
		7,610	01-14. Days
102-103	D-2		WORK-LOSS DAYS IN PAST TWO WEEKS (control on Currently Employed, 75:1-3)
		119,016	00. None
		3,294	01-14. Days
104-105	D-3		SCHOOL-LOSS DAYS IN PAST TWO WEEKS
		120,219	00. None
		2,091	01-14. Days
106-107 TWO	D-6		OTHER DAYS OF RESTRICTED ACTIVITY IN PAST WEEKS
		116,420	00. None
		5,890	01-14. Days
108-110	G-2		BED DAYS IN PAST 12 MONTHS
		67,380	000. None
		53,707	001-365. 1-365 days
		1,223	366. Unknown
111	Recode		BED DAYS IN PAST 12 MONTHS - Recode

67,380	0. None
40,950	1. 1-7 days
9,574	2. 8-30 days
2,537	3. 31-180 days
646	4. 181-365 days
1,223	5. Unknown

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
112-114	G-3		DOCTOR VISITS IN PAST 12 MONTHS
		30,128	000. None
		91,739	001-996. Visits
		0	997. 997+ visits
		443	998. Unknown
115	G-3		INTERVAL SINCE LAST DOCTOR VISIT
		177	0. Never
		92,815	1. Less than 1 year
		12,558	2. 1 to less than 2 years
		10,819	3. 2 to less than 5 years
		4,124	4. 5 years or more
		1,817	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 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*

*Based on operation codes and reason entered hospital.

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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 PAST	Generated		NUMBER OF DAYS IN SHORT-STAY HOSPITAL IN PAST 12 MONTHS FOR DISCHARGES IN PAST 6 MONTHS EXCLUDING DELIVERY*
142-171		-	BLANK
172-177			QUARTER BASIC WEIGHT BEFORE AGE-SEX-RACE ADJUSTMENT (Has one implied decimal)
178	Master Record		TYPE OF SUBSTRATUM
		12,459	0. Permit
		12,809	1. Area, oversampled for blacks
		97,042	2. Area, not oversampled for blacks

179-181	-	FULL SAMPLE STRATUM IDENTIFIER
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182	Master Record	REGION
		24,845 1. Northeast
		31,227 2. Midwest
		41,278 3. South
		24,960 4. West

183	Master Record	GEOGRAPHIC DISTRIBUTION
		MSA Size
		52,087 1. 1,000,000 or more
		32,014 2. 250,000 - 999,999
		7,757 3. 100,000 - 249,999
		1,821 4. Under 100,000
		28,631 Blank. Non-MSA

*Based on operation codes and reason entered hospital.

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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184		BLANK
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185	Master Record	TYPE OF PSU
		66,255 1. MSA - Self-representing
		27,424 3. MSA - Nonself-representing
		16 4. Non-MSA - Self-representing
		28,615 6. Non-MSA - Nonself-representing

186	Recode	MSA - NON-MSA RESIDENCE
		39,852 1. MSA - Central City
		53,827 2. MSA - Not Central City
		26,810 3. Non-MSA - Nonfarm
		1,821 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)

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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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

IN	ESTIMATED SHORT-STAY HOSPITAL EPISODE DAYS 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
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
742.0,1,3	X93.9
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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
1	- 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.

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

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 = 88,345
 CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		88,345	30. Condition Record
3-4	-		PROCESSING YEAR
		88,345	88. 1988
5	-		PROCESSING QUARTER
		22,884	1. Quarter 1
		22,438	2. Quarter 2
		20,963	3. Quarter 3
		22,060	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)
		6,679	Week 01.
		7,315	Week 02.
		6,860	Week 03.
		6,723	Week 04.
		6,609	Week 05.
		6,623	Week 06.
		7,074	Week 07.
		6,791	Week 08.
		6,689	Week 09.

6,785	Week 10.
6,633	Week 11.
6,811	Week 12.
6,753	Week 13.

21

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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)
		621	00. Housing unit; kind unknown
		82,268	01. House, apartment, flat
		69	02. HU in nontransient hotel, motel, etc.
		30	03. HU-permanent in transient hotel, motel, etc.
		45	04. HU in rooming house
		3,969	05. Mobile home or trailer with no permanent room added
		763	06. Mobile home or trailer with one or more permanent rooms added
		26	07. HU not specified above
			Other Unit = (08-13)
		24	08. Quarters not HU in rooming or boarding house
		3	09. Unit not permanent in transient hotel, motel, etc.
		71	10. Unoccupied site for mobile home, trailer, or tent
		367	11. Student quarters in college dormitory
		71	12. Other unit not specified above
		18	13. Other unit; kind unknown
24	HH-11		HAS TELEPHONE
		80,165	1. Yes, phone number given
		2,490	2. Yes, no phone number given

5,076 3. No
614 4. Unknown

25	A-1		SEX
		36,710	1. Male
		51,635	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
		759	00. Under 1 year
		87,540	01-98. Number of years
		46	99. 99+ years of age

29	Recode		AGE RECODE #1
		3,322	1. Under 5 years
		8,577	2. 5-17 years
		4,971	3. 18-24 years
		22,862	4. 25-44 years
		24,159	5. 45-64 years
		7,576	6. 65-69 years
		6,310	7. 70-74 years
		10,568	8. 75 years and over

30	Recode		AGE RECODE #2
		4,015	1. Under 6 years
		7,061	2. 6-16 years
		5,794	3. 17-24 years
		10,895	4. 25-34 years
		11,967	5. 35-44 years
		10,603	6. 45-54 years
		13,556	7. 55-64 years
		13,886	8. 65-74 years

10,568

9. 75 years and over

31-32	Recode		AGE RECODE #3
		2,135	00-35. Months
		86,210	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
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
			1900-1989. 1900-1989
			9999. DK or refused

40-41		BLANK
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42	L-3		MAIN RACIAL BACKGROUND - Reported
		817	1. Aleut, Eskimo, or American Indian
		875	2. Asian/Pacific Islander
		12,738	3. Black
		72,694	4. White
		570	5. Other
		191	6. Multiple race

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
43-45	Recode		RACE RECODES
43			RECODE 1
		73,789	1. White
		12,820	2. Black
		1,736	3. Other
44			RECODE 2
		73,789	1. White
		14,556	2. Non-white
45			RECODE 3
		12,820	1. Black
		75,525	2. Non-black
46-47	L-4		HISPANIC ORIGIN
		109	00. Multiple Hispanic
		780	01. Puerto Rican
		356	02. Cuban
		651	03. Mexican-Mexicano
		1,525	04. Mexican-American
		30	05. Chicano
		372	06. Other Latin American
		669	07. Other Spanish
		183	08. Spanish, DK type
		604	09. Unknown if Spanish origin
		83,066	10. Not Spanish origin
48	L-7		MARITAL STATUS
		9,061	0. Under 14 years
		45,511	1. Married - spouse in household
		753	2. Married - spouse not in household
		12,112	3. Widowed
		6,801	4. Divorced

2,058	5. Separated
11,720	6. Never married
329	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
		62,096	1. Non-veteran
		91	2. WW I
		5,860	3. WW II
		2,302	4. Korean War
		2,961	5. Vietnam veteran
		544	6. Post-Vietnam
		1,554	7. Other service
		247	8. Served in Armed Forces, unknown if war veteran
		791	9. Unknown if served in Armed Forces
		11,899	Blank. Under 18 years of age
50	L-1		ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES
		62,096	0. Non-veteran
		685	1. All service in Guard/Reserve
		1,954	2. Some service in Guard/Reserve
		23	3. Unknown if all service in Guard/Reserve
		10,098	4. No active service in Guard/Reserve
		1,590	5. Unknown if ever active member in Guard/Reserve or if served in Armed Forces
		11,899	Blank. Under 18 years of age
51-52	L-2		EDUCATION OF INDIVIDUAL - COMPLETED YEARS
		2,437	00. Never attended; kindergarten only
		57,787	01-12. Grades 1-12
			College:
		4,780	13. 1 year
		5,966	14. 2 years

2,132	15.	3 years
6,268	16.	4 years
1,435	17.	5 years
3,322	18.	6 years or more
896	19.	Unknown
3,322	Blank.	Under 5 years of age

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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
		2,437	0. None; kindergarten only
		18,092	1. 1-8 years (elementary)
		13,486	2. 9-11 years (high school)
		26,209	3. 12 years (high school graduate)
		12,878	4. 1-3 years (college)
		6,268	5. 4 years (college graduate)
		4,757	6. 5+ years (post-college)
		896	7. Unknown
		3,322	Blank. Under 5 years of age
54-55 FAMILY	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT MEMBER (Detail)
		274	00. Never attended; kindergarten only
		50,087	01-12. Grades 1-12
			College:
		6,390	13. 1 year
		8,900	14. 2 years
		3,185	15. 3 years
		10,309	16. 4 years
		2,400	17. 5 years
		6,473	18. 6 years or more
		327	19. Unknown
56 FAMILY	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT MEMBER - Recode
		274	0. None; kindergarten only

8,478	1. 1-8 years (elementary)
10,418	2. 9-11 years (high school)
31,191	3. 12 years (high school graduate)
18,475	4. 1-3 years (college)
10,309	5. 4 years (college graduate)
8,873	6. 5+ years (post-college)
327	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
		41,402	1. Less than \$20,000
		44,926	2. \$20,000 or more
		2,017	3. Unknown
58-59	L-8		FAMILY INCOME
		520	00. Less than \$ 1,000
		677	01. \$ 1,000 - \$ 1,999
		851	02. 2,000 - 2,999
		1,518	03. 3,000 - 3,999
		2,334	04. 4,000 - 4,999
		2,211	05. 5,000 - 5,999
		2,371	06. 6,000 - 6,999
		2,409	07. 7,000 - 7,999
		2,143	08. 8,000 - 8,999
		2,155	09. 9,000 - 9,999
		2,522	10. 10,000 - 10,999
		1,705	11. 11,000 - 11,999
		2,203	12. 12,000 - 12,999
		1,415	13. 13,000 - 13,999
		1,458	14. 14,000 - 14,999
		1,933	15. 15,000 - 15,999
		1,416	16. 16,000 - 16,999
		1,423	17. 17,000 - 17,999
		1,888	18. 18,000 - 18,999
		2,143	19. 19,000 - 19,999
		7,445	20. 20,000 - 24,999
		6,240	21. 25,000 - 29,999
		5,680	22. 30,000 - 34,999
		4,452	23. 35,000 - 39,999
		3,906	24. 40,000 - 44,999
		2,871	25. 45,000 - 49,999
		9,729	26. \$50,000 and over

12,727

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
		5,900	0. Under \$5,000
		4,582	1. \$ 5,000 - \$ 6,999
		6,707	2. 7,000 - 9,999
		9,303	3. 10,000 - 14,999
		8,803	4. 15,000 - 19,999
		7,445	5. 20,000 - 24,999
		11,920	6. 25,000 - 34,999
		11,229	7. 35,000 - 49,999
		9,729	8. \$50,000 or more
		12,727	9. Unknown
61	Generated		NHIS POVERTY INDEX*
		68,128	1. Above poverty threshold
		12,044	2. Below poverty threshold
		8,173	3. Unknown
62-63			FAMILY RELATIONSHIP
62	A-2		TYPE OF FAMILY
		16,605	&. Primary individual
		946	-. Secondary individual
		70,688	0. Primary family
		106	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		15,664	&. Reference person, living alone
		31,503	0. Reference person, 2+ persons in household
		22,477	1. Spouse, other spouse NOT in Armed Forces and living at home
		226	2. Spouse, other spouse IN Armed Forces and living at home
		14,975	3. Child of reference person or spouse
		691	4. Grandchild of reference person or spouse
		1,534	5. Parent of reference person or spouse

1,270	6. Other relative
5	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 1987 poverty levels derived from the August, 1988 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
		15,664	1. Living alone
		1,887	2. Living only with non-relative
		45,496	3. Living with spouse
		25,298	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)
		9,092	1. Both parents, no other relative
		2,613	2. Mother only
		136	3. Father only
		886	4. Both parents and other 21+ year old adult relative
		682	5. Mother and other 21+ year old adult relative
		39	6. Father and other 21+ year old adult relative
		157	7. No parent, but one 21+ year old relative
adult		192	8. No parent, but two or more 21+ year

		230	old adult relatives
		1,058	9. Unknown
		73,260	0. Other
ever			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)
		31,647	1. Working
		21,616	2. Keeping house
		2,290	3. Going to school
		20,095	4. Something else
		798	5. Unknown
		11,899	Blank. Not applicable (Under 18 years)
70	G-4		HEALTH STATUS
		15,659	1. Excellent
		18,929	2. Very Good
		24,645	3. Good
		17,081	4. Fair
		11,589	5. Poor
		442	6. Unknown
71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
activity		15,204	1. Unable to perform major activity
		16,253	2. Limited in kind/amount major
		11,970	3. Limited in other activities
		44,918	4. Not limited (includes unknowns)
72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		14,762	1. Unable to work
		8,264	2. Limited in kind/amount of work

6,107	3. Limited in other activities
30,435	4. Not limited (includes unknowns)
28,777	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)
		176	1. Unable to attend school
		1,176	2. Attends special school/classes
		162	3. Needs special school/classes
		449	4. Limited in school attendance
		605	5. Limited in other activities
		6,009	6. Not limited (includes unknowns)
		79,768	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			
needs		2,141	1. Unable to perform personal care
		4,515	2. Limited in performing other routine needs
or		29,595	3. Not limited in performing personal routine needs
		35	4. Unknown
		52,059	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)
		31,785	1. Worked in past 2 weeks
off		1,430	2. Did not work, has job; not on lay-off and not looking for work
		29	3. Did not work, has job; looking for work

	Unemployed: (4-7)
85	4. Did not work, has job; on lay-off
4	5. Did not work, has job; on lay-off and looking for work
357	6. Did not work, has job; unknown if looking or on lay-off
1,348	7. Did not work, no job; looking for work or on lay-off
	Not in Labor Force (18+ years): (8)
41,408	8. Not in Labor Force (18+ years)
11,899	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
		41,408	0. Not in labor force
		23,946	1. Private company
		1,130	2. Federal Government employee
		1,585	3. State Government employee
		3,118	4. Local Government employee
		879	5. Incorporated business
		3,580	6. Self-employed
		118	7. Without pay
		38	8. Never worked
		644	9. Unknown
		11,899	Blank. Under 18
77-79	L-6		INDUSTRY DETAIL CODE
		35,038	010-996. Code number
		53,307	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
		35,038	003-999. Code number
		53,307	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
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91	L-R		RESPONDENT
		11,076	0. Under 17
		56,095	1. Self-entirely
		5,253	2. Self-partly
		15,074	3. Proxy
		847	4. Unknown

92	Recode		CONDITION LIST ASSIGNED AND ASKED
		17,164	1. Condition List 1, Skin and musculoskeletal
		15,511	2. Condition List 2, Impairments
		11,853	3. Condition List 3, Digestive
		13,001	4. Condition List 4, Miscellaneous
		14,252	5. Condition List 5, Circulatory
		16,298	6. Condition List 6, Respiratory
		266	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)

100-103 Recode

ACUTE RECODE (A)

(See Diagnostic Recodes Section)

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
		74,940	1. Chronic
		13,405	2. Acute
108	K-5		ONSET
		8,806	1. During the past 2 weeks
		6,132	2. Over 2 weeks to 3 months
		9,973	3. Over 3 months to 12 months
		21,090	4. Over 1 year to 5 years
		42,344	5. Over 5 years
109	K-2		DOCTOR LAST SEEN FOR THIS CONDITION
		325	0. Interview week
		22,535	1. 2-week reference period

26,650	2. Over 2 weeks, less than 6 months
8,539	3. 6 months, less than 1 year
5,906	4. 1 year, less than 2 years
5,635	5. 2 years, less than 5 years
5,925	6. 5 years or more
1,376	7. Doctor seen, DK when
886	8. DK if doctor seen
10,568	9. Doctor never seen

110	Recode		DOCTOR EVER SEEN FOR THIS CONDITION
		77,777	1. Yes
		10,568	2. No

111-112	K-6		TOTAL RESTRICTED ACTIVITY DAYS IN PAST 2 WEEKS FOR THIS CONDITION
		84,045	00. None
		4,300	01-14. 1-14 days

113-114	K-7		BED DAYS IN PAST 2 WEEKS FOR THIS CONDITION
		79,636	00. None
		8,709	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)
		84,970	00. None
		3,375	01-14. 1-14 days
117-118	K-9		SCHOOL-LOSS DAYS IN PAST 2 WEEKS FOR THIS CONDITION
		86,243	00. None
		2,102	01-14. 1-14 days

119-121	K-10		BED DAYS IN PAST 12 MONTHS FOR THIS CONDITION*
		35,661	000. None
		5,606	001-365. Days
		33,673	366. Unknown/not a "check-list" condition
		13,405	Blank. Not a chronic condition

122	K-11		EVER HOSPITALIZED FOR THIS CONDITION*
		6,930	1. Yes
		34,751	2. No
		33,259	3. Unknown/not a "check-list" condition
		13,405	Blank. Not a chronic condition

123	K-12		CONDITION STATUS*
		35,206	1. Still has condition
		968	2. Condition cured
		3,479	3. Condition under control
		295	4. Other
		34,992	5. Unknown status/not a "check-list" condition
		13,405	Blank. Not a chronic condition

*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
124	K-12		LENGTH OF TIME HAD CONDITION BEFORE CURED* (Location 123 coded 2)
		54	0. Less than 1 month
		115	1. 1-3 months
		181	2. Over 3 to 6 months
		53	3. Over 6 to 12 months
		121	4. 1 year
		136	5. 2-4 years
		79	6. 5-9 years
		74	7. 10 years or more

9,551	1. First
1,085	2. Not first
77,709	Blank. Not an injury

129	Recode		IS INJURY ADVERSE REACTION OR COMPLICATION OF MEDICAL CARE
		70	1. Yes, adverse reaction**
		352	2. Yes, complication of medical care (therapeutic misadventure)**
		10,214	3. No, other injury
		77,709	Blank. Not an injury

130	K-14		PLACE OF ACCIDENT
		1,191	1. At home (inside house)
		996	2. At home (adjacent premises)
roadway		2,473	3. Street and highway (including and public sidewalks)
		205	4. Farm
premises)		1,830	5. Industrial place (including
		477	6. School (including premises)
		597	7. Place of recreation and sports, except school
		1,306	8. Other
		1,561	9. Unknown
		77,709	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 130-132 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
		2,647	1. Yes
		4,373	2. No
		1,598	3. Not applicable, under 18 at time of accident

391	4. Not applicable, in Armed Forces
1,627	5. Unknown
77,709	Blank. Not an injury

132	K-16		MOTOR VEHICLE INVOLVED
		2,551	1. Yes
		6,896	2. No
		1,189	3. Unknown
		77,709	Blank. Not an injury

133	K-16		NUMBER OF VEHICLES INVOLVED
		1,483	1. One
		1,030	2. Two or more
		38	3. Unknown
		85,794	Blank. Not an injury/no or unknown if motor vehicle involved

134	K-16		MOVING MOTOR VEHICLE INVOLVED
		2,226	1. Yes
		263	2. No
		62	3. Unknown
		85,794	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
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135-137	Recode		CLASS OF ACCIDENT
		9,823	111-322.
		391	400. SEE APPENDIX D
		352	500.
		70	600.
		77,709	Blank. Not an injury

138	Recode		SELECTED FIRST INJURY*
		7,357	1. First
		663	2. Not first

80,325 Blank. Not a selected injury

139	Recode		CONDITION CAUSES PERSONAL CARE ACTIVITY LIMITATION (5-59 years old and limited, or age 60-69 years)
		2,026	1. Limited, condition main cause of limitation
		1,077	2. Limited, condition secondary cause limitation
		3,553	3. Limited, but not caused by this condition
		29,630	4. Not limited
		52,059	Blank. Not applicable (under 5 years, 5-59 years not limited, 70+ years old)

140-177 - BLANK

178	Master Record		TYPE OF SUBSTRATUM
		7,269	0. Permit
		9,722	1. Area, oversampled for blacks
		71,354	2. Area, not oversampled for blacks

179-181 FULL SAMPLE STRATUM IDENTIFIER

182	Master Record		REGION
		16,143	1. Northeast
		23,237	2. Midwest
		31,107	3. South
		17,858	4. West

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

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
183	Master Record		GEOGRAPHIC DISTRIBUTION MSA Size

34,506	1. 1,000,000 or more
23,801	2. 250,000 - 999,999
5,507	3. 100,000 - 249,999
1,435	4. Under 100,000
23,096	Blank. Non-MSA

184 - Blank

185	Master Record		TYPE OF PSU
		44,922	1. MSA - Self-representing
		20,327	3. MSA - Nonself-representing
		14	4. Non-MSA - Self-representing
		23,082	6. Non-MSA - Nonself-representing

186	Recode		MSA - NON-MSA RESIDENCE
		28,770	1. MSA - Central City
		36,479	2. MSA - Not Central City
		21,761	3. Non-MSA - Nonfarm
		1,335	4. Non-MSA - Farm

187-189 PSEUDO PSU CODES

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
ESTIMATED WORK-LOSS 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 BED DAYS IN PAST 12 MONTHS	
273-281	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 = 25,541
 DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		25,541	40. Two-week Doctor Visit Record
3-4	-		PROCESSING YEAR
		25,541	88. 1988
5	-		PROCESSING QUARTER
		6,858	1. Quarter 1
		6,503	2. Quarter 2
		6,052	3. Quarter 3
		6,128	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.

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
17-18	-		DOCTOR VISIT SERIAL NUMBER 01-99. Serial Number
19-20	HH-5		PROCESSING WEEK CODE (Numbered within Quarter)
		1,768	Week 01.
		2 186	Week 02.
		2,012	Week 03.
		1,934	Week 04.
		1,882	Week 05.
		2,022	Week 06.
		2,110	Week 07.
		2,101	Week 08.
		1,876	Week 09.
		2,037	Week 10.
		1,861	Week 11.
		1,912	Week 12.
		1,840	Week 13.
21		BLANK	

Tape Locations	Item No.	Frequency	Items and Codes
22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		173	00. Housing unit; kind unknown
		23,932	01. House, apartment, flat
		15	02. HU in nontransient hotel, motel, etc.
		9	03. HU-permanent in transient hotel, motel, etc.
		6	04. HU in rooming house
		1,087	05. Mobile home or trailer with no permanent room added
		155	06. Mobile home or trailer with one or more permanent rooms added
		1	07. HU not specified above
			Other Unit = (08-13)
		3	08. Quarters not HU in rooming or boarding house
		1	09. Unit not permanent in transient hotel, motel, etc.
		22	10. Unoccupied site for mobile home, trailer, or tent
		117	11. Student quarters in college dormitory
		15	12. Other unit not specified above
		5	13. Other unit; kind unknown
24	HH-11		HAS TELEPHONE
		23,267	1. Yes, phone number given
		773	2. Yes, no phone number given
		1,320	3. No
		181	4. Unknown
25	A-1		SEX
		10,168	1. Male
		15,373	2. Female
26	-		BLANK

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
27-28	Person Column		AGE
		885	00. Under 1 year
		24,653	01-98. Number of years
		3	99. 99+ years of age
29	Recode		AGE RECODE #1
		2,619	1. Under 5 years
		3,084	2. 5-17 years
		1,746	3. 18-24 years
		7,501	4. 25-44 years
		5,509	5. 45-64 years
		1,675	6. 65-69 years
		1,353	7. 70-74 years
		2,054	8. 75 years and over
30	Recode		AGE RECODE #2
		2,939	1. Under 6 years
		2,479	2. 6-16 years
		2,031	3. 17-24 years
		3,911	4. 25-34 years
		3,590	5. 35-44 years
		2,638	6. 45-54 years
		2,871	7. 55-64 years
		3,028	8. 65-74 years
		2,054	9. 75 years and over
31-32	Recode		AGE RECODE #3
		1,943	00-35. Months
		23,598	36. Over 3 years
33			BLANK

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
34-39	A-3		MONTH AND YEAR OF BIRTH
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
			1900-1989. 1900-1989
			9999. DK or refused
40-41			BLANK
42	L-3		MAIN RACIAL BACKGROUND - Reported
		188	1. Aleut, Eskimo, or American Indian
		329	2. Asian/Pacific Islander
		3,455	3. Black
		21,084	4. White
		196	5. Other
		35	6. Multiple race
		254	7. Unknown

Tape Locations	Item No.	Frequency	Items and Codes
43-45	Recode		RACE RECODES
43			RECODE 1
		21,546	1. White
		3,474	2. Black
		521	3. Other
44			RECODE 2
		21,546	1. White
		3,995	2. Non-white
45			RECODE 3
		3,474	1. Black
		22,067	2. Non-black
46-47	L-4		HISPANIC ORIGIN
		25	00. Multiple Hispanic
		235	01. Puerto Rican
		98	02. Cuban
		246	03. Mexican-Mexicano
		498	04. Mexican-American
		14	05. Chicano
		132	06. Other Latin American
		233	07. Other Spanish
		67	08. Spanish, DK type
		273	09. Unknown if Spanish origin
		23,720	10. Not Spanish origin
48	L-7		MARITAL STATUS
		4,751	0. Under 14 years
		12,403	1. Married - spouse in household
		197	2. Married - spouse not in household
		2,331	3. Widowed
		1,754	4. Divorced
		526	5. Separated
		3,476	6. Never married
		103	7. Unknown

DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
49	L-1		VETERAN STATUS
		16,481	1. Non-veteran
		25	2. WW I
		1,310	3. WW II
		469	4. Korean War
		732	5. Vietnam veteran
		171	6. Post-Vietnam
		385	7. Other service
		47	8. Served in Armed Forces, unknown if war veteran
		218	9. Unknown if served in Armed Forces
		5,703	Blank. Under 18 years of age
50	L-1		ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES
		16,481	0. Non-veteran
		173	1. All service in Guard/Reserve
		480	2. Some service in Guard/Reserve
		4	3. Unknown if all service in Guard/Reserve
		2,300	4. No active service in Guard/Reserve
		400	5. Unknown if ever active member in Guard/Reserve or if served in Armed Forces
		5,703	Blank. Under 18 years of age
51-52	L-2		EDUCATION OF INDIVIDUAL - COMPLETED YEARS
		869	00. Never attended; kindergarten only
		14,407	01-12. Grades 1-12
			College:
		1,383	13. 1 year
		1,770	14. 2 years
		605	15. 3 years
		2,037	16. 4 years
		470	17. 5 years
		1,139	18. 6 years or more
		242	19. Unknown
		2,619	Blank. Under 5 years of age

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
53	Recode		EDUCATION OF INDIVIDUAL RECODE
		869	0. None; kindergarten only
		4,062	1. 1-8 years (elementary)
		3,323	2. 9-11 years (high school)
		7,022	3. 12 years (high school graduate)
		3,758	4. 1-3 years (college)
		2,037	5. 4 years (college graduate)
		1,609	6. 5+ years (post-college)
		242	7. Unknown
		2,619	Blank. Under 5 years of age
54-55 FAMILY	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT MEMBER (Detail)
		71	00. Never attended; kindergarten only
		12,627	01-12. Grades 1-12
			College:
		1,965	13. 1 year
		2,850	14. 2 years
		1,042	15. 3 years
		3,641	16. 4 years
		873	17. 5 years
		2,373	18. 6 years or more
		99	19. Unknown
56 FAMILY	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT MEMBER - Recode
		71	0. None; kindergarten only
		1,591	1. 1-8 years (elementary)
		2,416	2. 9-11 years (high school)
		8,620	3. 12 years (high school graduate)
		5,857	4. 1-3 years (college)
		3,641	5. 4 years (college graduate)
		3,246	6. 5+ years (post-college)
		99	7. Unknown

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
57	L-8		FAMILY INCOME \$20,000 OR MORE
		9,987	1. Less than \$20,000
		14,974	2. \$20,000 or more
		580	3. Unknown
58-59	L-8		FAMILY INCOME
		144	00. Less than \$1,000
		211	01. \$ 1,000 - \$ 1,999
		217	02. 2,000 - 2,999
		371	03. 3,000 - 3,999
		469	04. 4,000 - 4,999
		518	05. 5,000 - 5,999
		541	06. 6,000 - 6,999
		552	07. 7,000 - 7,999
		432	08. 8,000 - 8,999
		422	09. 9,000 - 9,999
		554	10. 10,000 - 10,999
		397	11. 11,000 - 11,999
		559	12. 12,000 - 12,999
		349	13. 13,000 - 13,999
		394	14. 14,000 - 14,999
		545	15. 15,000 - 15,999
		392	16. 16,000 - 16,999
		382	17. 17,000 - 17,999
		487	18. 18,000 - 18,999
		567	19. 19,000 - 19,999
		2,121	20. 20,000 - 24,999
		1,935	21. 25,000 - 29,999
		1,956	22. 30,000 - 34,999
		1,548	23. 35,000 - 39,999
		1,363	24. 40,000 - 44,999
		1,096	25. 45,000 - 49,999
		3,534	26. \$50,000 and over
		3,485	27. Unknown

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
60	Recode		FAMILY INCOME RECODE
		1,412	0. Under \$5,000
		1,059	1. \$ 5,000 - \$ 6,999
		1,406	2. 7,000 - 9,999
		2,253	3. 10,000 - 14,999
		2,373	4. 15,000 - 19,999
		2,121	5. 20,000 - 24,999
		3,891	6. 25,000 - 34,999
		4,007	7. 35,000 - 49,999
		3,534	8. \$50,000 or more
		3,485	9. Unknown
61	Generated		NHIS POVERTY INDEX*
		20,446	1. Above poverty threshold
		3,009	2. Below poverty threshold
		2,086	3. Unknown
62-63			FAMILY RELATIONSHIP
62	A-2		TYPE OF FAMILY
		3,763	&. Primary individual
		274	-. Secondary individual
		21,467	0. Primary family
		37	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		3,496	&. Reference person, living alone
		7,847	0. Reference person, 2+ persons in household
		6,636	1. Spouse, other spouse NOT in Armed Forces and living at home
		121	2. Spouse, other spouse IN Armed Forces and living at home
		6,498	3. Child of reference person or spouse
		297	4. Grandchild of reference person or spouse
		301	5. Parent of reference person or spouse
		338	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 and family income using the 1987 poverty levels derived from the August, 1988 Current Population Survey.

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
64	Recode		FAMILY RELATIONSHIP RECODE
		3,496	1. Living alone
		541	2. Living only with non-relative
		12,400	3. Living with spouse
		9,104	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)
		4,468	1. Both parents, no other relative
		1,015	2. Mother only
		64	3. Father only
		371	4. Both parents and other 21+ year old adult relative
		284	5. Mother and other 21+ year old adult relative
		19	6. Father and other 21+ year old adult relative
		53	7. No parent, but one 21+ year old relative
adult		51	8. No parent, but two or more 21+ year old adult relatives
		89	9. Unknown
		334	0. Other
		18,793	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)
		9,498	1. Working
		4,975	2. Keeping house
		768	3. Going to school
		4,426	4. Something else
		171	5. Unknown
		5,703	Blank. Not applicable (Under 18 years)
70	G-4		HEALTH STATUS
		5,993	1. Excellent
		5,854	2. Very Good
		6,875	3. Good
		3,929	4. Fair
		2,754	5. Poor
		136	6. Unknown
71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
		3,820	1. Unable to perform major activity
activity		3,032	2. Limited in kind/amount major
		1,973	3. Limited in other activities
		16,716	4. Not limited (includes unknowns)
72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		3,527	1. Unable to work
		1,557	2. Limited in kind/amount of work
		1,141	3. Limited in other activities
		10,206	4. Not limited (includes unknowns)
		9,110	Blank. Not applicable (under 18 years, 70+ years)

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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)
		53	1. Unable to attend school
		158	2. Attends special school/classes
		19	3. Needs special school/classes
		130	4. Limited in school attendance
		133	5. Limited in other activities
		2,591	6. Not limited (includes unknowns)
		22,457	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		649	1. Unable to perform personal care
needs		1,144	2. Limited in performing other routine needs
or		6,186	3. Not limited in performing personal routine needs
		47	4. Unknown
		17,515	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)
		9,104	1. Worked in past 2 weeks
off		847	2. Did not work, has job; not on lay-off and not looking for work
		6	3. Did not work, has job; looking for work
			Unemployed: (4-7)
		44	4. Did not work, has job; on lay-off
and		4	5. Did not work, has job; on lay-off looking for work
		128	6. Did not work, has job; unknown if looking or on lay-off
		319	7. Did not work, no job; looking for

work or on lay-off

9,386 Not in Labor Force (18+ years): (8)
5,703 8. Not in Labor Force (18+ years)
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
		9,386	0. Not in labor force
		7,236	1. Private company
		316	2. Federal Government employee
		467	3. State Government employee
		948	4. Local Government employee
		269	5. Incorporated business
		975	6. Self-employed
		36	7. Without pay
		12	8. Never worked
		193	9. Unknown
		5,703	Blank. Under 18
77-79	L-6		INDUSTRY DETAIL CODE
		10,452	010-996. Code number
		15,089	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

10,452 003-999. Code number
 15,089 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
 DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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91	L-R		RESPONDENT
		5,418	0. Under 17
		14,445	1. Self-entirely
		1,374	2. Self-partly
		4,033	3. Proxy
		271	4. Unknown

92	Recode		CONDITION LIST ASSIGNED AND ASKED
		4,433	1. Condition List 1, Skin and musculoskeletal
		4,211	2. Condition List 2, Impairments
		4,342	3. Condition List 3, Digestive
		4,059	4. Condition List 4, Miscellaneous
		4,263	5. Condition List 5, Circulatory
		4,166	6. Condition List 6, Respiratory
		67	7. Unknown

93-96	F-1		DATE OF VISIT
		0	6666. During 2 weeks, DK when
		1,604	7777. Last week, DK day
		1,908	8888. Week before, DK day

93-94			MONTH
		1,838	01. January

2,030	02. February
2,007	03. March
1,930	04. April
1,855	05. May
1,804	06. June
1,609	07. July
1,864	08. August
1,680	09. September
1,836	10. October
1,733	11. November
1,589	12. December
254	99. DK month

95-96

DAY

21,775	01-31. Day of month
254	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		238	00. Visit on last Sunday of reference
		620	01. Visit on second Saturday of reference period
		2,330	02. Visit on second Friday of reference period
		2,043	03. Visit on second Thursday of reference period
		2,062	04. Visit on second Wednesday of reference period
		2,181	05. Visit on second Tuesday of reference period
		2,355	06. Visit on second Monday of reference period
		224	07. Visit on first Sunday of reference period
		498	08. Visit on first Saturday of reference period
		1,879	09. Visit on first Friday of reference period
		1,676	10. Visit on first Thursday of reference period
	1,731	11. Visit on first Wednesday of reference	

1,865	12. Visit on first Tuesday of reference period
2,073	13. Visit on first Monday of reference period
3,766	14. No value (records not coded 01-31 in Day of Month of Visit)

99	Recode	DAY OF WEEK OF VISIT
	4,428	1. Monday
	4,046	2. Tuesday
	3,793	3. Wednesday
	3,719	4. Thursday
	4,209	5. Friday
	1,118	6. Saturday
	462	7. Sunday
	3,766	8. Unknown

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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100	Recode	WEEK OF VISIT
	13,433	1. Last week
	11,854	2. Week before
	254	3. During 2 weeks, DK when

101-102	PLACE OF VISIT
3,232	01. Telephone
	Not in Hospital
493	02. Home
14,997	03. Doctor's office
328	04. Company or Industrial clinic
1,669	05. Other clinic
107	06. Laboratory
622	07. Other
	In Hospital
1,870	08. Outpatient clinic

927	09. Emergency Room
594	10. Doctor's office
139	11. Laboratory
363	12. Other
200	13. Unknown

103	Recode	PLACE OF VISIT
	3,232	1. Telephone
	14,997	2. Doctor's office (not in hospital)
	1,870	3. Hospital Outpatient clinic
	927	4. Hospital Emergency Room
	594	5. Doctor's office in hospital
	328	6. Company or Industry clinic
	493	7. Home
	2,900	8. Other place (Loc. 101-102 = 5,6,7,11,12)
	200	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
		19,735	1. Yes
		5,400	2. No
		406	3. Unknown

105-106	F-3		KIND OF MEDICAL DOCTOR FOR THIS DOCTOR VISIT/CONTACT
		1,524	00. M.D., DK if G.P. or specialist
		9,936	01. General practitioner
		25	02. Anesthesiologist
		466	03. Dermatologist
		2,766	04. Internist
		357	05. Neurologist
		1,607	06. Obstetrician/Gynecologist
		854	07. Ophthalmologist
		1,177	08. Orthopedist
		128	09. Osteopath
		452	10. Otolaryngologist
		4	11. Pathologist
		2,315	12. Pediatrician

23	13. Proctologist
510	14. Psychiatrist
426	15. Radiologist
522	16. Surgeon (not listed above)
461	18. Urologist
180	19. Other M.D. specialist
377	20. Specialist, DK kind
45	21. Family Practice (specialist)
1,299	22. DK if medical doctor
87	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
		113	31. Nurse practitioner
		87	32. Physician's assistant
		2,529	33. Nurse
		208	34. Laboratory technician
		2	35. Paramedic
		518	36. Physical therapist
		5	37. Social worker
		20	38. Pharmacist
		121	39. X-ray technician
		144	40. Other technician
		65	41. Dentist/oral surgeon
		47	42. Optometrist/Optician
		585	43. Chiropractor
		191	44. Foot specialist
		7	45. Dietician
		133	46. Psychologist
		11	47. Nutritionist
		0	48. Naprapath
		0	49. Orthoptic technician/Orthopist
		325	50. Other non-medical person
		695	51. Unknown type of medical assistant
		19,735	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
		754	00. M.D., DK if G.P. or specialist
		8,301	01. General practitioner
		22	02. Anesthesiologist
		427	03. Dermatologist
		2,137	04. Internist
		256	05. Neurologist
		1,376	06. Obstetrician/Gynecologist
		816	07. Ophthalmologist
		920	08. Orthopedist
		109	09. Osteopath
		391	10. Otolaryngologist
		4	11. Pathologist
		1,993	12. Pediatrician
		21	13. Proctologist
		421	14. Psychiatrist
		327	15. Radiologist
		468	16. Surgeon (not listed above)
		376	18. Urologist
		136	19. Other M.D. specialist
		342	20. Specialist, DK kind
		35	21. Family Practice (specialist)
		113	31. Nurse practitioner
		87	32. Physician's assistant
		2,529	33. Nurse
		208	34. Laboratory technician
		2	35. Paramedic
		518	36. Physical therapist
		5	37. Social worker
		20	38. Pharmacist
		121	39. X-ray technician
		144	40. Other technician
		65	41. Dentist/Oral surgeon
		47	42. Optometrist/Optician
		585	43. Chiropractor
		191	44. Foot specialist
		7	45. Dietician
		133	46. Psychologist
		11	47. Nutritionist
		0	48. Naprapath
		0	49. Orthoptic technician/Orthoptist
		325	50. Other non-medical person
		695	51. Not MD; unknown type of medical assistant
		103	52. Unknown if MD

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	293 21,242 4,006	ICD/NHIS CODE
			0000. No matched condition record ICD/NHIS Code (note Unknown = 7999) Blank. No condition for this visit
117	Condition Record	293 12,945 8,297 4,006	CHRONIC/ACUTE CODE
			0. No matched condition record 1. Chronic 2. Acute Blank. No condition for this visit
118-121	Condition Record	293 7,543 754 16,951	ACUTE RECODE (A)
condition			0000. No matched condition record 1001-5931. Acute Recode 5932. All other acute conditions including unknowns Blank. Chronic condition or no for this visit
122-124	Condition Record	293 9,791 3,154 12,303	CHRONIC RECODE (C)
for			000. No matched condition record 101-615. Chronic Recode 999. All other chronic conditions including unknowns Blank. Acute condition or no condition this visit
125-127	Condition Record	293 21,079 163 4,006	CONDITION RECODE (B)
			000. No matched condition record 010-570. Condition recode 990. All other conditions including unknown Blank. No condition for this visit

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
		56	0000. No matched condition record
		3,432	ICD/NHIS Code (note Unknown = 7999)
		22,053	Blank. No condition for this visit
134	Condition Record		CHRONIC/ACUTE CODE
		56	0. No matched condition record
		2,429	1. Chronic
		1,003	2. Acute
		22,053	Blank. No condition for this visit
135-138	Condition Record		ACUTE RECODE (A)
		56	0000. No matched condition record
		796	1001-5931. Acute Recode
		207	5932. All other acute conditions including unknowns
		24,482	Blank. Chronic condition or no for this visit
139-141	Condition Record		CHRONIC RECODE (C)
		56	000. No matched condition record
		1,873	101-615. Chronic Recode
		556	999. All other chronic conditions including unknowns
		23,056	Blank. Acute condition or no condition this visit
142-144	Condition Record		CONDITION RECODE (B)
		56	000. No matched condition record
		3,416	010-570. Condition recode

16 990. All other conditions including
 unknown
 22,053 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 -
145-161			CONDITION NO. 3
145-146	F-4		SERIAL NUMBER 01-99. Condition Serial Number Blank.
147-150	Condition Record	23 709 24,809	ICD/NHIS CODE 0000. No matched condition record ICD/NHIS Code (note Unknown = 7999) Blank. No condition for this visit
151	Condition Record	23 583 126 24,809	CHRONIC/ACUTE CODE 0. No matched condition record 1. Chronic 2. Acute Blank. No condition for this visit
152-155	Condition Record	23 87 39 25,392	ACUTE RECODE (A) 0000. No matched condition record 1001-5931. Acute Recode 5932. All other acute conditions including unknowns Blank. Chronic condition or no for this visit
156-158	Condition Record	23 474 109 24,935	CHRONIC RECODE (C) 000. No matched condition record 101-615. Chronic Recode 999. All other chronic conditions including unknowns Blank. Acute condition or no condition for this visit
159-161	Condition		CONDITION RECODE (B)

Record	23	000.	No matched condition record
	707	010-570.	Condition recode
	2	990.	All other conditions including unknown
	24,809	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
		847	1. Yes
		21,152	2. No
		310	3. Unknown
		3,232	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
		2,616	0. Permit
		2,500	1. Area, oversampled for blacks
		20,425	2. Area, not oversampled for blacks
179-181			FULL SAMPLE STRATUM IDENTIFIER
182	Master Record		REGION
		4,833	1. Northeast

6,566	2. Midwest
8,442	3. South
5,700	4. West

183	Master Record	GEOGRAPHIC DISTRIBUTION	
		MSA Size	
		10,907	1. 1,000,000 or more
		6,943	2. 250,000 - 999,999
		1,653	3. 100,000 - 249,999
		343	4. Under 100,000
		5,692	Blank. Non-MSA

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
184			BLANK

185	Master Record		TYPE OF PSU
		13,979	1. MSA - Self-representing
		5,870	3. MSA - Nonself-representing
		4	4. Non-MSA - Self-representing
		5,688	6. Non-MSA - Nonself-representing

186	Recode		MSA - NON-MSA RESIDENCE
		8,457	1. MSA - Central City
		11,392	2. MSA - Not Central City
		5,347	3. Non-MSA - Nonfarm
		345	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
			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 = 13,580
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		13,580	50. Hospital Record

3-4	-		PROCESSING YEAR
		13,580	88. 1988

5	-		PROCESSING QUARTER
		3,420	1. Quarter 1
		3,495	2. Quarter 2
		3,322	3. Quarter 3
		3,343	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
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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11-12	HH-5		SEGMENT NUMBER
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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	-		HOSPITAL SERIAL NUMBER
			01-99. Serial Number

19-20	HH-5		PROCESSING WEEK CODE (Numbered within Quarter)
		1,007	01. Week 01
		1,161	02. Week 02
		1,029	03. Week 03
		955	04. Week 04
		1,009	05. Week 05
		1,034	06. Week 06
		1,137	07. Week 07
		1,053	08. Week 08
		1,012	09. Week 09
		1,043	10. Week 10
		1,061	11. Week 11
		1,052	12. Week 12
		1,027	13. Week 13

21			BLANK
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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)

91	00.	Housing unit; kind unknown
12,592	01.	House, apartment, flat
13	02.	HU in nontransient hotel, motel, etc.
4	03.	HU-permanent in transient hotel, motel, etc.
9	04.	HU in rooming house
698	05.	Mobile home or trailer with no permanent room added
104	06.	Mobile home or trailer with one or more permanent rooms added
0	07.	HU not specified above

Other Unit = (08-13)

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

24 HH-11

HAS TELEPHONE

12,048	1.	Yes, phone number given
392	2.	Yes, no phone number given
1,028	3.	No
112	4.	Unknown

25 A-1

SEX

5,441	1.	Male
8,139	2.	Female

26 -

BLANK

1

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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27-28	Person Column		AGE
		321	00. Under 1 year
		13,253	01-98. Number of years
		6	99. 99+ years of age

29	Recode		AGE RECODE #1
		791	1. Under 5 years
		860	2. 5-17 years
		1,289	3. 18-24 years
		3,934	4. 25-44 years
		3,037	5. 45-64 years
		1,062	6. 65-69 years
		986	7. 70-74 years
		1,621	8. 75 years and over

30	Recode		AGE RECODE #2
		854	1. Under 6 years
		621	2. 6-16 years
		1,465	3. 17-24 years
		2,402	4. 25-34 years
		1,532	5. 35-44 years
		1,310	6. 45-54 years
		1,727	7. 55-64 years
		2,048	8. 65-74 years
		1,621	9. 75 years and over

31-32	Recode		AGE RECODE #3
		632	00-35. Months
		12,948	36. Over 3 years

33	-		BLANK
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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
1900-1989.	1900-1989
9999.	DK or refused

40-41 BLANK

42 L-3

MAIN RACIAL BACKGROUND - Reported

170	1. Aleut, Eskimo, or American Indian
167	2. Asian/Pacific Islander
2,189	3. Black
10,842	4. White
92	5. Other
28	6. Multiple race
92	7. Unknown

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

43-45 Recode

RACE RECODES

43

RECODE 1

11,039	1. White
2,200	2. Black
341	3. Other

44

RECODE 2

11,039	1. White
--------	----------

		2,541	2. Non-white
45			RECODE 3
		2,200	1. Black
		11,380	2. Non-black

46-47	L-4		HISPANIC ORIGIN
		9	00. Multiple Hispanic
		149	01. Puerto Rican
		59	02. Cuban
		144	03. Mexican-Mexicano
		269	04. Mexican-American
		8	05. Chicano
		81	06. Other Latin American
		99	07. Other Spanish
		32	08. Spanish, DK type
		112	09. Unknown if Spanish origin
		12,618	10. Not Spanish origin

48	L-7		MARITAL STATUS
		1,254	0. Under 14 years
		7,653	1. Married - spouse in household
		152	2. Married - spouse not in household
		1,632	3. Widowed
		844	4. Divorced
		366	5. Separated
		1,623	6. Never married
		56	7. Unknown

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

49	L-1		VETERAN STATUS
		9,643	1. Non-veteran
		30	2. WW I
		1,004	3. WW II
		337	4. Korean War
		378	5. Vietnam veteran
		102	6. Post-Vietnam
		231	7. Other service

38	8.	Served in Armed Forces, unknown if war veteran
166	9.	Unknown if served in Armed Forces
1,651	Blank.	Under 18 years of age

50	L-1		ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES
		9,643	0. Non-veteran
		107	1. All service in Guard/Reserve
		279	2. Some service in Guard/Reserve
		4	3. Unknown if all service in Guard/Reserve
		1,587	4. No active service in Guard/Reserve
		309	5. Unknown if ever active member in Guard/Reserve or if served in Armed Forces
		1,651	Blank. Under 18 years of age

51-52	L-2		EDUCATION OF INDIVIDUAL - COMPLETED YEARS
		236	00. Never attended; kindergarten only
		8,949	01-12. Grades 1-12
			College:
		747	13. 1 year
		870	14. 2 years
		296	15. 3 years
		908	16. 4 years
		203	17. 5 years
		399	18. 6 years or more
		181	19. Unknown
		791	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
		236	0. None; kindergarten only
		2,385	1. 1-8 years (elementary)
		2,204	2. 9-11 years (high school)
		4,360	3. 12 years (high school graduate)

1,913	4.	1-3 years (college)
908	5.	4 years (college graduate)
602	6.	5+ years (post-college)
181	7.	Unknown
791	Blank.	Under 5 years of age

54-55	-	HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER (Detail)	
	44	00.	Never attended; kindergarten only
	8,088	01-12.	Grades 1-12
		College:	
	971	13.	1 year
	1,305	14.	2 years
	478	15.	3 years
	1,465	16.	4 years
	293	17.	5 years
	853	18.	6 years or more
	83	19.	Unknown

56	-	HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER RECODE	
	44	0.	None; kindergarten only
	1,246	1.	1-8 years (elementary)
	1,720	2.	9-11 years (high school)
	5,122	3.	12 years (high school graduate)
	2,754	4.	1-3 years (college)
	1,465	5.	4 years (college graduate)
	1,146	6.	5+ years (post-college)
	83	7.	Unknown

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

57	L-8		FAMILY INCOME \$20,000 OR MORE
		6,556	1. Less than \$20,000
		6,631	2. \$20,000 or more
		393	3. Unknown

FAMILY INCOME

80	00.	Less than	\$1,000
118	01.	\$ 1,000 -	\$ 1,999
127	02.	2,000 -	2,999
298	03.	3,000 -	3,999
385	04.	4,000 -	4,999
310	05.	5,000 -	5,999
364	06.	6,000 -	6,999
406	07.	7,000 -	7,999
308	08.	8,000 -	8,999
272	09.	9,000 -	9,999
359	10.	10,000 -	10,999
274	11.	11,000 -	11,999
370	12.	12,000 -	12,999
201	13.	13,000 -	13,999
249	14.	14,000 -	14,999
255	15.	15,000 -	15,999
222	16.	16,000 -	16,999
259	17.	17,000 -	17,999
316	18.	18,000 -	18,999
361	19.	19,000 -	19,999
1,114	20.	20,000 -	24,999
997	21.	25,000 -	29,999
863	22.	30,000 -	34,999
634	23.	35,000 -	39,999
564	24.	40,000 -	44,999
427	25.	45,000 -	49,999
1,258	26.	\$50,000 and over	
2,189	27.	Unknown	

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
60	Recode		FAMILY INCOME RECODE
		1,008	0. Under \$5,000
		674	1. \$ 5,000 - \$ 6,999
		986	2. 7,000 - 9,999
		1,453	3. 10,000 - 14,999
		1,413	4. 15,000 - 19,999
		1,114	5. 20,000 - 24,999
		1,860	6. 25,000 - 34,999
		1,625	7. 35,000 - 49,999
		1,258	8. \$50,000 or more
		2,189	9. Unknown

61	Generated		NHIS POVERTY INDEX*
		10,019	1. Above poverty threshold
		2,126	2. Below poverty threshold
		1,435	3. Unknown

62-63 FAMILY RELATIONSHIP

62	A-2		TYPE OF FAMILY
		2,019	&. Primary individual
		115	-. Secondary individual
		11,422	0. Primary family
		24	1-9. Secondary family

63 A-2 RELATIONSHIP TO REFERENCE PERSON

		1,954	&. Reference person, living alone
		4,784	0. Reference person, 2+ persons in household
		3,935	1. Spouse, other spouse NOT in Armed Forces and living at home
		72	2. Spouse, other spouse IN Armed Forces and living at home
		2,131	3. Child of reference person or spouse
		162	4. Grandchild of reference person or spouse
		246	5. Parent of reference person or spouse
		292	6. Other relative
		4	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 1987 poverty levels derived from the August, 1988 Current Population Survey.

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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64	Recode		FAMILY RELATIONSHIP RECODE
		1,954	1. Living alone
		180	2. Living only with non-relative
		7,649	3. Living with spouse
		3,797	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)

	1,156	1. Both parents, no other relative
	409	2. Mother only
	25	3. Father only
	136	4. Both parents and other 21+ year old adult relative
	173	5. Mother and other 21+ year old adult relative
	10	6. Father and other 21+ year old adult relative
adult	38	7. No parent, but one 21+ year old relative
	41	8. No parent, but two or more 21+ year old adult relatives
	63	9. Unknown
	132	0. Other
ever	11,397	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)
		4,465	1. Working
		3,357	2. Keeping house
		298	3. Going to school
		3,705	4. Something else
		104	5. Unknown
		1,651	Blank. Not applicable (Under 18 years)

70	G-4		HEALTH STATUS
		2,276	1. Excellent
		2,606	2. Very Good
		3,651	3. Good
		2,626	4. Fair
		2,364	5. Poor
		57	6. Unknown

71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
		2,925	1. Unable to perform major activity
activity		1,781	2. Limited in kind/amount major
		1,176	3. Limited in other activities
		7,698	4. Not limited (includes unknowns)

72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		2,522	1. Unable to work
		778	2. Limited in kind/amount of work
		560	3. Limited in other activities.
		5,462	4. Not limited (includes unknowns)
		4,258	Blank. Not applicable (under 18 years; 70+ years)

73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		29	1. Unable to attend school
		61	2. Attends special school/classes
		7	3. Needs special school/classes
		70	4. Limited in school attendance
		67	5. Limited in other activities
		626	6. Not limited (includes unknowns)
		12,720	Blank. Not applicable (under 5 years; 18+ years)

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape	Locations	Item No.	Frequency	Items and Codes
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old	74	B-14	NEEDS HELP WITH PERSONAL CARE (5-59 years and limited, or age 60-69 years)*
needs		478	1. Unable to perform personal care
		728	2. Limited in performing other routine needs
or		3,500	3. Not limited in performing personal routine needs
		25	4. Unkown
		8,849	Blank. Not applicable (under 5 years; 5-59 years not limited; 70+ years old)

years)	75	D-1	EMPLOYMENT STATUS IN PAST 2 WEEKS (18+ years)
			In the Labor Force: (1-7)
			Currently employed: (1-3)
off		4,180	1. Worked in past 2 weeks
		420	2. Did not work, has job; not on lay-off and not looking for work
		3	3. Did not work, has job; looking for work
			Unemployed: (4-7)
		22	4. Did not work, has job; on lay-off
and		4	5. Did not work, has job; on lay-off looking for work
		83	6. Did not work, has job; unknown if looking or on lay-off
		223	7. Did not work, no job; looking for work or on lay-off
			Not in Labor Force (18+ years): (8)
		6,994	8. Not in Labor Force (18+ years)
		1,651	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
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76	L-6		CLASS OF WORKER
		6,994	0. Not in labor force
		3,501	1. Private company
		139	2. Federal Government employee
		204	3. State Government employee
		384	4. Local Government employee
		114	5. Incorporated business
		442	6. Self-employed
		12	7. Without pay
		8	8. Never worked
		131	9. Unknown
		1,651	Blank. Under 18

77-79	L-6		INDUSTRY DETAIL CODE
		4,935	010-996. Code number
		8,645	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
		4,935	003-999. Code number
		8,645	Blank. Not applicable

87-88	Recode		OCCUPATION RECODE 1
			SEE APPENDIX C

89-90	Recode		OCCUPATION RECODE 2
			SEE APPENDIX C

Tape Locations	Item No.	Frequency	Items and Codes
91	L-R		RESPONDENT
		1,475	0. Under 17
		8,463	1. Self-entirely
		935	2. Self-partly
		2,555	3. Proxy
		152	4. Unknown
92	Recode		CONDITION LIST ASSIGNED AND ASKED
		2,227	1. Condition List 1, Skin and Musculoskeletal
		2,264	2. Condition List 2, Impairments
		2,259	3. Condition List 3, Digestive
		2,188	4. Condition List 4, Miscellaneous
		2,267	5. Condition List 5, Circulatory
		2,328	6. Condition List 6, Respiratory
		47	7. Unknown
93-94	Recode		HOSPITAL EPISODE NUMBER FOR SHORT-STAY HOSPITALS IN PAST YEAR
		13,305	01+. Number
		275	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
		12,525	01. General
		91	02. Psychiatric
		0	03. Tuberculosis
		31	04. Maternity
		8	06. Ear, Eye, Nose and Throat
		183	07. Children's

20	08. Orthopedic
0	09. Contagious Disease
3	10. Chronic Disease
7	11. Hospital department of institution
88	12. All other
0	89. In index, unknown type
114	90. DK (entry of DK for hospital name and Not Reported, less than 31 nights in hospital)
25	92. DK (entry of DK for hospital name and Not Reported - 31 or more nights in hospital)
28	93. Hospitalized in Foreign Country, not in index
0	94. Nursing personal, and domiciliary care homes
20	95. Nursing home, assumed from title
21	98. Osteopathic
416	99. Not identified as a hospital, not in index

97	Recode	RECODE FOR TYPE OF SERVICE
	13,305	1. Short-stay hospitals (Codes 01, 04, 06, 07, 11, 89, 90, 98, 99)
	247	2. Long-stay hospitals (Codes 02, 03, 08, 09, 10, 12, 92, 94, 95)
	28	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
		286	12. State
		561	13. County
		278	14. City
		27	15. City-county
		711	16. Hospital district
			2. Nonprofit
		2,479	21. Church operated or related
		6,914	23. Other nonprofit
		0	24. Nonprofit, N.O.S.

		3.	Proprietary	
	3		31.	Individual
	44		32.	Partnership
	1,207		33.	Corporation (profit)
	0		34.	Proprietary, N.O.S.
		4.	Government, Federal	
	55		41.	Air Force
	55		51.	Army
	33		61.	Navy
	0		62.	Department of Defense, N.O.S.
	26		71.	Public Health Service
	277		81.	Veterans Administration
	0		91.	Other Federal
		5.	All other	
	0		89.	In index, unknown type
	114		90.	DK (entry of DK for hospital name and Not Reported, less than 31 nights in hospital)
	25		92.	DK (entry of DK for hospital name and Not Reported - 31 or more nights in hospital)
	28		93.	Hospitalized in Foreign
Country,				not in index
	20		95.	Nursing home, assumed from
title				
	21		98.	Osteopathic
	416		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
		1,147	01. January
		1,154	02. February
		1,185	03. March
		1,083	04. April
		1,107	05. May
		1,103	06. June
		1,187	07. July
		1,117	08. August
		1,048	09. September

1,180	10. October
1,095	11. November
1,174	12. December

102-103 DAY OF MONTH
01-31. Day of month

104-105 YEAR

0	84. 1984
1	85. 1985
8	86. 1986
6,351	87. 1987
7,219	88. 1988
1	89. 1989

106-109 Derived NUMERICAL VALUE OF DATE OF ADMISSION
0001-1842. Date Values

110 Derived ADMISSION RECODE

530	1. Admission in past 2 weeks
12,739	2. Admission 2 weeks to a year ago
311	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
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111-114	Derived		NUMERICAL VALUE FOR DATE OF INTERVIEW
		13,580	1471-1842. Values
		0	9999. Unknown

115-118	Derived		DERIVED DATE OF DISCHARGE
		13,580	0002-1842. 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
111 Blank. Negative value
13,469 000-364. Value

127 Recode J - RECODE
111 0. Still in hospital
653 1. Discharges past 2 weeks (000-013)
6,566 2. Discharges in 2 weeks to 6 months
(014-181)
6,250 3. Discharges in 6-12 months (182-364)

128-131 J-3 TOTAL NIGHTS IN HOSPITAL
0001-1842. Nights

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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132	Recode		SHORT-STAY HOSPITAL DISCHARGE (based on 6-month recall)*
		7,082	1. Yes
		6,498	2. No

133	J-5		OPERATION PERFORMED DURING STAY
		6,855	1. Yes
		6,588	2. No

137

3. Unknown

134-139	J-5		OPERATION CODES (See Appendix E)
134-135			OPERATION NUMBER 1
		6,855	00-99.
		6,725	Blank.
136-137			OPERATION NUMBER 2
		640	00-99.
		12,940	Blank.
138-139			OPERATION NUMBER 3
		64	00-99.
		13,516	Blank.
140-144			BLANK
145	Recode		HOSPITALIZATION FOR DELIVERY (Based on Operation Codes, Appendix E and reason entered hospital)
		1,805	1. Yes, delivery
		11,775	2. No
*Use weight field 210-218 for annual estimate.			
1			- 121 -
NHIS PUBLIC USE TAPE RECORDS HOSPITAL RECORD			
Tape Locations	Item No.	Frequency	Items and Codes
146-177			BLANK
178	Master Record		TYPE OF SUBSTRATUM
		1,084	0. Permit
		1,685	1. Area, oversampled for blacks
		10,811	2. Area, not oversampled for blacks

179-181 -

FULL SAMPLE STRATUM IDENTIFIER

182	Master Record		REGION
		2,552	1. Northeast
		3,635	2. Midwest
		5,103	3. South
		2,290	4. West

183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		5,030	1. 1,000,000 or more
		3,519	2. 250,000 - 999,999
		874	3. 100,000 - 249,999
		289	4. Under 100,000
		3,868	Blank. Non-MSA

184 BLANK

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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185	Master Record		TYPE OF PSU
		6,593	1. MSA - Self-representing
		3,119	3. MSA - Nonself-representing
		5	4. Non-MSA - Self-representing
		3,863	6. Non-MSA - Nonself-representing

186	Recode		MSA - NON-MSA RESIDENCE
		4,514	1. MSA - Central City
		5,198	2. MSA - Not Central City
		3,639	3. Non-MSA - Nonfarm
		229	4. Non-MSA - Farm

187-189			PSEUDO PSU CODES
190-200			CHRONIC CONDITION PREVALENCE AND INCIDENCE FACTOR (XX.XXXXXXXXXX) - character format with implied decimal
201-209			FINAL BASIC WEIGHT QUARTER
210-218*			SEMI-ANNUAL (WT/2)
219-227			ANNUAL (WT/4)
228-236			6.5 WEIGHT QUARTER, SEMI-ANNUAL AND ANNUAL
1			- 123 -
NHIS PUBLIC USE TAPE RECORDS HOSPITAL RECORD			
Tape Locations	Item No.	Frequency	Items and Codes
237-245			ESTIMATED NIGHTS IN HOSPITAL IN PAST 2 WEEKS QUARTER, SEMI-ANNUAL AND ANNUAL
246-254			ESTIMATED NIGHTS IN HOSPITAL IN PAST 12 MONTHS 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
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*Use these locations for estimates of hospital discharges and days based on a 6-month period.

1NOTES:

1 - 125 -

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

1NOTES:

1 - 127 -

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:

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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.

Recode Number	Title	ICD-9 Codes
	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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October 1981

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

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

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
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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	223

		urinary organs	
	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	290

	psychotic conditions	
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
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 NHIS Diagnostic

Recode	Recode	Category	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	Haemorrhoids	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 infections	460-462, 465
	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	520.3,4,7-9, 521-523, 525-529, X92
	330	Diseases of teeth and supporting structures	520.3,4,7-9, 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
	369	Residual	601, 602, 604, 607, 608
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

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National Health Interview Survey
Diagnostic Recode B

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	680-686, 690-693,

	Tissue	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	NHIS Diagnostic Code Inclusions
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Recode	Recode	Category	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
469	Residual	780.0-5,7-9, 781.0-4,6,7,9, 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, (X42-X49,X51-X60, X63, X64)****

****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

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

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Revised June 12, 1984

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 (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

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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 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

Revised May 1, 1983

National Health Interview Survey
Chronic Condition Recode C

Recode Number	Title	ICD Inclusion as modified by the NHIS
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

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	427. ,4-6,8,9, 785.1

rhythm disorders

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
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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 - 1988

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.

To illustrate the use of reference periods, suppose we have a person whose 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 x 2 or 3,000 for the full year's sample, or 6,000 x 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).

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.

1NOTES:

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SPECIFICATIONS FOR RECREATING THE CURRENT ESTIMATES TABLES

0 The accompanying instructions show procedures for deriving estimates from Health Interview Survey data tapes. The publication, "Current Estimates", for the year 1988 is used as a source for the examples.

0 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	100-103	1001-5932
	Denominator for rates is population: see Table 78 specifications		
11-15	Restrict numerator to medically attended Denominator is all acute conditions	110	1

Weight:

(2 week reference) inflated by 6.5 to 228-236
obtain a quarterly estimate. Annual
estimate is the sum of 4 quarterly
estimates.

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 100-103 1001-5932
Denominator is population:
see Table 78 specifications

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 100-103 1001-5932 Denominator is population: see Table 78 specifications		
	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
	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

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	

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
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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
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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:

78	Short stay hospital discharges	210-218	
	Short stay hospital days	282-290	
	Denominator for discharge rate is population		
	Denominator for ALOS is discharges		

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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APPENDIX A

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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APPENDIX A

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

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	Detail Code	Industry Title	SIC Code*
Chrs.	Chrs.	(Chrs. 77-79)		
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, 307, 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			
Chrs.	Chrs.	Detail Code	Industry Title	SIC Code*
80-81	82-83	(Chrs. 77-79)		
(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
----	----	-------------------------------------------------------------------------	-----------------	------------------------------------------------------------

(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	551-557,559

			gasoline stations	
64	07	641	Eating and drinking places	58
65	07	580-582,590, 630-632,640,642, 650-652,660-662, 5963,	Other and not specified retail trade	521,523,525-527,56, 571-573,591-593, 5941-5949,5961-
		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			
Chrs. 80-81	Chrs. 82-83	Detail Code (Chrs. 77-79)	Industry Title	SIC Code*
(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			
Chrs.	Chrs.	Detail Code	Industry Title	SIC Code*
80-81	82-83	(Chrs. 77-79)		
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).	

 *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 Chrs. 87-88	No. 2 Chrs. 89-90	Detail Code (Chrs. 84-86)	Occupation Title	SOC Code*
(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 occupations	1912-1916,1919, 192,2032-2033, 2042,2049,211-
212				

*Standard Occupational Classification.

C

OCCUPATION RECODE OUTLINE

Recodes					
No. 1	No. 2				
Chrs. 87-88	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-				393,396,3971-	
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	303-307,316-319,323,325-329,335-336,345-349,353,359,363-366,368-369,373-379,383-387,389	Other administrative support	4511-4519,4521-4529,463,4642-4645,4649,4662-4664,4692,4694,4696,4699,4722-4723,4729,4732-	

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. 87-88	Chrs. 89-90	(Chrs. 84-86)		
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	5611-5619,5621-

			agricultural workers	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	Detail Code	Occupation Title	SOC Code*
Chrs. 87-88	Chrs. 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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C

OCCUPATION RECODE OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs. 87-88	Chrs. 89-90	(Chrs. 84-86)		
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
(37-39)	(12)	-	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	
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

OCCUPATION RECODE OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs.	Chrs.	(Chrs. 84-86)		
87-88	89-90			
(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

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 -	1	Not 1	1,2	1

	at work - at home				
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);
operations on facial bones (76); nasal bones (21); orbit
(76);
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;
heel; buttock; chin; feet; forearm; forehead; hand; head;

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

fitting

pacemaker (battery and sensing types), acupuncture and
of dentures.