

1990

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, 1990," should appear at the bottom of all tables. When cited in a bibliography, the suggested citation should read:

National Center for Health Statistics (1991). Public Use Data Tape Documentation, Part I, National Health Interview Survey, 1990 (Machine readable data file and documentation). National Center for Health Statistics, Hyattsville, MD. (Producer). National Technical Information Service, U.S. Department of Commerce, Springfield, VA. 22161 (Distributor)

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

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

Field Representative's Manual, 1990. Part II, Public Use Data Tape Documentation.

Medical Coding Manual and Short Index, 1990. Part III, Public Use Data Tape Documentation.

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

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

Adams PF, Benson V. Current Estimates from the National Health Interview Survey, 1990. National Center for Health Statistics. Vital Health Stat 10(181). 1991.

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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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2. 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 = HISY1990.HOUSEHLD
 - PERSON = HISY1990.PERSONSX
 - CONDITION = HISY1990.CONDITON
 - HOSPITAL = HISY1990.HOSPITAL
 - DOCTOR VISIT = HISY1990.DRVISITX

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

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Public Use Data Tape

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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 1990 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.

1NOTES:

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CHANGES IN THE 1990 PUBLIC USE TAPE COMPARED TO 1989

The 1990 Public Use Tape resembles the 1989 version, with only one addition:

Household, Person, Condition,
Doctor Visit and Hospital Variables

Tape Location

Item

21
1NOTES:
1

Late Interview (or last attempt) flag
- 7 -

1NOTES:
1

H O U S E H O L D R E C O R D
- 9 -

NHIS PUBLIC USE TAPE RECORDS
Outline of Items and Codes
Number of Records = 48,680
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		48,680	10. Household Record
3-4	-		PROCESSING YEAR
		48,680	90. 1990
5	-		PROCESSING QUARTER
		11,264	1. Quarter 1
		12,500	2. Quarter 2
		12,370	3. Quarter 3
		12,546	4. Quarter 4
6-8	HH-5		RANDOM RECODE OF PSU NUMBER
9-10	HH-5		WEEK - CENSUS CODE*
			01, 21, 41, 61, 81 ... Week 01

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

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

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NHIS PUBLIC USE TAPE RECORDS
 HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
11-12	HH-5		SEGMENT NUMBER Week plus Segment Number identifies the segment
13-14	HH-5		HOUSEHOLD NUMBER Numbered within PSU-Week-Segment
15-16	-		BLANK (Person Number on other record types)
17-18	-		BLANK (Record Serial Number on other record types)
19-20	HH-5		PROCESSING WEEK CODE (Numbered within Quarter)
		2,917	Week 01.
		3,917	Week 02.
		3,863	Week 03.
		3,749	Week 04.
		3,850	Week 05.
		3,825	Week 06.
		3,848	Week 07.
		3,717	Week 08.
		3,790	Week 09.
		3,786	Week 10.

3,701	Week 11.
3,842	Week 12.
3,875	Week 13.

21	Recode		LATE INTERVIEW (OR LAST ATTEMPT) FLAG
		30,866	0. Interview not late
		14,042	1. One week late
		2,947	2. Two weeks late
		825	3. Unknown

1

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NHIS PUBLIC USE TAPE RECORDS
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		695	00. Housing unit; kind unknown
		44,809	01. House, apartment, flat
		31	02. HU in nontransient hotel, motel, etc.
		18	03. HU-permanent in transient hotel, motel, etc.
		30	04. HU in rooming house
		2,226	05. Mobile home or trailer with no permanent room added
		325	06. Mobile home or trailer with one or more permanent rooms added
		29	07. HU not specified above
			Other Unit = (08-13)
		41	08. Quarters not HU in rooming or boarding house
		0	09. Unit not permanent in transient hotel, motel, etc.
		8	10. Unoccupied site for mobile home, trailer, or tent
		359	11. Student quarters in college dormitory
		101	12. Other unit not specified above
		8	13. Other unit; kind unknown
24	HH-11		HAS TELEPHONE
		41,913	1. Yes, phone number given
		1,546	2. Yes, no phone number given
		2,762	3. No
		255	4. Unknown
		2,204	Blank. Non-interview

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

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NHIS PUBLIC USE TAPE RECORDS
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
27	HH-15		COMPLETED INTERVIEW
		46,088	1. Completed interview - non-military household
		2,204	2. Non-interview
		388	3. Completed interview - military household*
28-29	HH-14		NON-INTERVIEW REASON
			Type A
		1,312	01. Refused
		411	02. No one at home
		344	03. Temporarily absent
		137	04. Other
		46,476	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

NHIS PUBLIC USE TAPE RECORDS
 HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
68-69	Generated		NUMBER OF PERSON RECORDS FOR THE HOUSEHOLD
70-71	Generated		NUMBER OF CONDITION RECORDS FOR THE HOUSEHOLD
72-73	Generated		NUMBER OF TWO-WEEK DOCTOR VISIT RECORDS FOR THE HOUSEHOLD

74-75 Generated NUMBER OF HOSPITAL RECORDS FOR THE HOUSEHOLD

76	A-A2	CONDITION LIST ASSIGNED	
		7,791	1. Condition List 1, Skin and Musculoskeletal
		7,726	2. Condition List 2, Impairments
		7,779	3. Condition List 3, Digestive
		7,736	4. Condition List 4, Miscellaneous
		7,709	5. Condition List 5, Circulatory
		7,700	6. Condition List 6, Respiratory
		35	7. Unknown
		2,204	Blank. Non-interview

77-177	-	BLANK	
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178	Master Record	TYPE OF SUBSTRATUM	
		6,088	0. Permit
		4,595	1. Area, oversampled for blacks
		37,997	2. Area, not oversampled for blacks

179-181		BLANK	
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182	Master Record	REGION	
		10,132	1. Northeast
		12,263	2. Midwest
		16,215	3. South
		10,070	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	
		21,113	1. 1,000,000 or more
		12,705	2. 250,000 - 999,999
		3,023	3. 100,000 - 249,999
		789	4. Under 100,000
		11,050	Blank. Non-MSA

184		BLANK	
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185	Master Record	TYPE OF PSU	
		26,771	1. MSA - Self-representing
		10,859	3. MSA - Nonself-representing
		1	4. Non-MSA - Self-representing

11,049 6. Non-MSA - NonselF-representing

186	Recode		MSA - NON-MSA RESIDENCE
		15,532	1. MSA - Central City
		20,179	2. MSA - Not Central City
		10,208	3. Non-MSA - Nonfarm
		557	4. Non-MSA - Farm
		2,204	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

1 NOTES:

1 - 19 -

NHIS PUBLIC USE TAPE RECORDS
Outline of Items and Codes
Number of Records = 119,631
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		119,631	20. Person Record
3-4	-		PROCESSING YEAR
		119,631	90. 1990

5	-	PROCESSING QUARTER
		27,366 1. Quarter 1
		31,075 2. Quarter 2
		30,756 3. Quarter 3
		30,434 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)

7,222	Week 01.
9,553	Week 02.
9,412	Week 03.
9,343	Week 04.
9,399	Week 05.
9,384	Week 06.
9,440	Week 07.
9,064	Week 08.
9,129	Week 09.
9,429	Week 10.
9,247	Week 11.
9,398	Week 12.
9,611	Week 13.

21 Recode

LATE INTERVIEW (OR LAST ATTEMPT) FLAG

79,131	0. Interview not late
32,411	1. One week late
6,138	2. Two weeks late
1,951	3. Unknown

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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)

1,097	00. Housing unit; kind unknown
111,647	01. House, apartment, flat
54	02. HU in nontransient hotel, motel, etc.
32	03. HU-permanent in transient hotel, motel, etc.
35	04. HU in rooming house
5,235	05. Mobile home or trailer with no permanent room added
839	06. Mobile home or trailer with one or more permanent rooms added
50	07. HU not specified above

Other Unit = (08-13)

48	08. Quarters not HU in rooming or boarding house
0	09. Unit not permanent in transient hotel, motel, etc.

15	10. Unoccupied site for mobile home, trailer, or tent
457	11. Student quarters in college dormitory
115	12. Other unit not specified above
7	13. Other unit; kind unknown

24	HH-11	HAS TELEPHONE
	108,125	1. Yes, phone number given
	3,495	2. Yes, no phone number given
	7,446	3. No
	565	4. Unknown

25	A-1	SEX
	57,134	1. Male
	62,497	2. Female

26	-	BLANK
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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
27-28	Person Column		AGE
		1,941	00. Under 1 year
		117,674	01-98. Number of years
		16	99. 99+ years of age

29	Recode		AGE RECODE #1
		9,746	1. Under 5 years
		23,497	2. 5-17 years
		11,230	3. 18-24 years
		38,015	4. 25-44 years
		22,565	5. 45-64 years
		4,885	6. 65-69 years
		3,884	7. 70-74 years
		5,809	8. 75 years and over

30	Recode		AGE RECODE #2
		11,685	1. Under 6 years
		19,793	2. 6-16 years
		12,995	3. 17-24 years
		20,020	4. 25-34 years
		17,995	5. 35-44 years
		12,266	6. 45-54 years
		10,299	7. 55-64 years
		8,769	8. 65-74 years

5,809 9. 75 years and over

31-32	Recode		AGE RECODE #3
		5,869	00-35. Months
		113,762	36. Over 3 years

33 - BLANK

1 - 23 -

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

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

34-39 A-3 MONTH AND YEAR OF BIRTH

34-35 MONTH

01. January	07. July
02. February	08. August
03. March	09. September
04. April	10. October
05. May	11. November
06. June	12. December
	99. DK or refused

36-39 YEAR OF BIRTH

1800-1899.	1800-1899
1900-1991.	1900-1991
9999.	DK or refused

40-41 BLANK

42	L-3		MAIN RACIAL BACKGROUND - Reported (See notation for locations 43-45)
		959	1. Aleut, Eskimo, or American Indian
		2,815	2. Asian/Pacific Islander
		17,967	3. Black
		94,935	4. White
		1,745	5. Other
		131	6. Multiple race
		1,079	7. Unknown

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape

Locations	Item No.	Frequency	Items and Codes	
43-45	Recode		RACE RECODES	
43			RECODE 1	Persons whose Main Racial Background (location 42) was "other" or "unknown" were classified in the following recodes by using the racial background observed by the interviewer. Use these recodes is recommended for estimating statistics for the groups shown here.
		97,732	1. White	
		18,036	2. Black	
		3,863	3. Other	
44			RECODE 2	
		97,732	1. White	
		21,899	2. Non-white	
45			RECODE 3	
		18,036	1. Black	
		101,595	2. Non-black	
46-47	L-4		HISPANIC ORIGIN	
		187	00. Multiple Hispanic	
		1,274	01. Puerto Rican	
		541	02. Cuban	
		2,470	03. Mexican-Mexicano	
		3,810	04. Mexican-American	
		106	05. Chicano	
		1,242	06. Other Latin American	
		1,265	07. Other Spanish	
		206	08. Spanish, DK type	
		1,261	09. Unknown if Spanish origin	
		107,269	10. Not Spanish origin	
48	L-7		MARITAL STATUS	
		26,393	0. Under 14 years	
		54,462	1. Married - spouse in household	
		823	2. Married - spouse not in household	
		6,456	3. Widowed	
		6,386	4. Divorced	
		1,945	5. Separated	
		22,393	6. Never married	
		773	7. Unknown	

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes	
49	L-1		VETERAN STATUS	
		71,664	1. Non-veteran	
		35	2. WW I	
		3,870	3. WW II	

2,070	4. Korean War
3,807	5. Vietnam veteran
1,118	6. Post-Vietnam
2,054	7. Other service
331	8. Served in Armed Forces, unknown if war veteran
1,439	9. Unknown if served in Armed Forces
33,243	Blank. Under 18 years of age

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

71,664	0. Non-veteran
932	1. All service in Guard/Reserve
1,944	2. Some service in Guard/Reserve
50	3. Unknown if all service in Guard/Reserve
9,553	4. No active service in Guard/Reserve
2,245	5. Unknown if ever active member in Guard/Reserve or served in Armed Forces
33,243	Blank. Under 18 years of age

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

4,594	00. Never attended; kindergarten only
70,633	01-12. Grades 1-12
	College:
6,238	13. 1 year
7,744	14. 2 years
3,010	15. 3 years
9,325	16. 4 years
1,882	17. 5 years
4,953	18. 6 years or more
1,506	19. Unknown
9,746	Blank. Under 5 years of age

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
53	Recode		EDUCATION OF INDIVIDUAL RECODE
		4,594	0. None; kindergarten only
		22,508	1. 1-8 years (elementary)
		14,746	2. 9-11 years (high school)
		33,379	3. 12 years (high school graduate)
		16,992	4. 1-3 years (college)
		9,325	5. 4 years (college graduate)
		6,835	6. 5+ years (post-college)
		1,506	7. Unknown
		9,746	Blank. Under 5 years of age

54-55 -
FAMILY

HIGHEST EDUCATION OF RESPONSIBLE ADULT

MEMBER - (Detail)

249	00. Never attended; kindergarten only
60,245	01-12. Grades 1-12
	College:
8,980	13. 1 year
12,918	14. 2 years
5,053	15. 3 years
16,460	16. 4 years
3,671	17. 5 years
11,260	18. 6 years or more
795	19. Unknown

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HIGHEST EDUCATION OF RESPONSIBLE ADULT
FAMILY MEMBER - Recode

249	0. None; kindergarten only
6,322	1. 1-8 years (elementary)
10,295	2. 9-11 years (high school)
43,628	3. 12 years (high school graduate)
26,951	4. 1-3 years (college)
16,460	5. 4 years (college graduate)
14,931	6. 5+ years (post-college)
795	7. Unknown

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
57	L-8		FAMILY INCOME \$20,000 OR MORE
		39,527	1. Less than \$20,000
		76,620	2. \$20,000 or more
		3,484	3. Unknown

58-59 L-8

FAMILY INCOME

596	00. Less than \$1,000
722	01. \$ 1,000 - \$ 1,999
833	02. 2,000 - 2,999
984	03. 3,000 - 3,999
1,425	04. 4,000 - 4,999
1,441	05. 5,000 - 5,999
1,635	06. 6,000 - 6,999
1,578	07. 7,000 - 7,999
1,577	08. 8,000 - 8,999

1,666	09.	9,000 - 9,999
2,342	10.	10,000 - 10,999
1,511	11.	11,000 - 11,999
2,490	12.	12,000 - 12,999
1,539	13.	13,000 - 13,999
1,529	14.	14,000 - 14,999
2,099	15.	15,000 - 15,999
1,709	16.	16,000 - 16,999
1,676	17.	17,000 - 17,999
2,174	18.	18,000 - 18,999
2,642	19.	19,000 - 19,999
9,036	20.	20,000 - 24,999
8,375	21.	25,000 - 29,999
8,321	22.	30,000 - 34,999
6,842	23.	35,000 - 39,999
6,506	24.	40,000 - 44,999
5,539	25.	45,000 - 49,999
22,872	26.	\$50,000 and over
19,972	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
		4,560	0. Under \$5,000
		3,076	1. \$ 5,000 - \$ 6,999
		4,821	2. 7,000 - 9,999
		9,411	3. 10,000 - 14,999
		10,300	4. 15,000 - 19,999
		9,036	5. 20,000 - 24,999
		16,696	6. 25,000 - 34,999
		18,887	7. 35,000 - 49,999
		22,872	8. \$50,000 or more
		19,972	9. Unknown
61	Generated		NHIS POVERTY INDEX*
		95,234	1. At or above poverty threshold
		13,466	2. Below poverty threshold
		10,931	3. Unknown
62-63			FAMILY RELATIONSHIP
62	A-2		TYPE OF FAMILY
		12,193	&. Primary individual
		1,317	-. Secondary individual
		105,952	0. Primary family
		169	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		11,607	&. Reference person, living alone
		35,532	0. Reference person, 2+ persons in household

26,567	1. Spouse, other spouse NOT in Armed Forces and living at home
303	2. Spouse, other spouse IN Armed Forces and living at home
39,535	3. Child of reference person or spouse
2,165	4. Grandchild of reference person or spouse
1,071	5. Parent of reference person or spouse
2,835	6. Other relative
16	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 1989 poverty levels derived from the August, 1990 Current Population Survey.

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
64	Recode		FAMILY RELATIONSHIP RECODE
		11,607	1. Living alone
		1,903	2. Living only with non-relative
		54,430	3. Living with spouse
		51,691	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)
		25,447	1. Both parents, no other relative
		6,622	2. Mother only
		424	3. Father only
		2,859	4. Both parents and other 21+ year old adult relative
		2,283	5. Mother and other 21+ year old adult relative
		158	6. Father and other 21+ year old adult relative
		472	7. No parent, but one 21+ year old relative
adult		687	8. No parent, but two or more 21+ year old adult relatives

391	9. Unknown
1,855	0. Other
78,433	Blank. Not applicable (25+ years old or ever married)

*Count includes spouse in military but living at home.

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
69	B-1 B-8		MAJOR ACTIVITY (18+ years old)
		53,115	1. Working
		16,110	2. Keeping house
		4,838	3. Going to school
		11,664	4. Something else
		661	5. Unknown
		33,243	Blank. Not applicable (Under 18 years)
70	G-4		HEALTH STATUS
		46,584	1. Excellent
		33,648	2. Very Good
		27,114	3. Good
		8,460	4. Fair
		3,197	5. Poor
		628	6. Unknown
71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
		5,012	1. Unable to perform major activity
		6,327	2. Limited in kind/amount major activity
		5,268	3. Limited in other activities
		103,024	4. Not limited (includes unknowns)
72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		4,807	1. Unable to work
		3,493	2. Limited in kind/amount of work
		2,899	3. Limited in other activities
		65,496	4. Not limited (includes unknowns)
		42,936	Blank. Not applicable (under 18 years, 70+ years)

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		102	1. Unable to attend school
		649	2. Attends special school/classes
		79	3. Needs special school/classes
		243	4. Limited in school attendance
		394	5. Limited in other activities
		22,030	6. Not limited (includes unknowns)
		96,134	Blank. Not applicable (under 5 years or 18+ years)
74	B-14		NEEDS HELP WITH PERSONAL CARE (5-59 years old and limited, or age 60-69 years)*
		646	1. Unable to perform personal care needs
		1,361	2. Limited in performing other routine needs
		16,754	3. Not limited in performing personal or routine needs
		548	4. Unknown
		100,322	Blank. Not applicable (under 5 years; 5-59 years not limited; 70+ years old)
75 years)	D-1		EMPLOYMENT STATUS IN PAST 2 WEEKS (18+ years)
			In the Labor Force: (1-7)
			Currently employed: (1-3)
		54,319	1. Worked in past 2 weeks
		1,140	2. Did not work, has job; not on lay-off and not looking for work
		35	3. Did not work, has job; looking for work
			Unemployed: (4-7)
		140	4. Did not work, has job; on lay-off
		11	5. Did not work, has job; on lay-off and looking for work
		529	6. Did not work, has job; unknown if looking or on lay-off
		1,988	7. Did not work, has no job; looking for work or on lay-off
			Not in Labor Force (18+ years): (8)
		28,226	8. Not in Labor Force (18+ years)
		33,243	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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Tape Locations	Item No.	Frequency	Items and Codes
76	L-6		CLASS OF WORKER
		28,226	0. Not in labor force
		41,285	1. Private company
		1,744	2. Federal Government employee
		2,239	3. State Government employee
		4,741	4. Local Government employee
		1,489	5. Incorporated business
		5,119	6. Self-employed
		132	7. Without pay
		75	8. Never worked
		1,338	9. Unknown
		33,243	Blank. Under 18

77-79	L-6		INDUSTRY DETAIL CODE
		58,162	010-996. Code number
		61,469	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
		58,162	003-999. Code number
		61,469	Blank. Not applicable

87-88	Recode		OCCUPATION RECODE 1
			SEE APPENDIX C

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

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

91	L-R		RESPONDENT
		31,478	0. Under 17
		54,024	1. Self-entirely
		5,319	2. Self-partly
		27,645	3. Proxy
		1,165	4. Unknown
92	Recode		CONDITION LIST ASSIGNED AND ASKED
		19,896	1. Condition List 1, Skin and musculoskeletal
		19,775	2. Condition List 2, Impairments
		19,869	3. Condition List 3, Digestive
		19,894	4. Condition List 4, Miscellaneous
		19,910	5. Condition List 5, Circulatory
		19,709	6. Condition List 6, Respiratory
		578	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
		107,380	00. None
		12,251	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
		112,538	00. None
		7,093	01-14. Days
102-103	D-2		WORK-LOSS DAYS IN PAST TWO WEEKS (control on Currently Employed, 75:1-3)
		116,473	00. None
		3,158	01-14. Days
104-105	D-3		SCHOOL-LOSS DAYS IN PAST TWO WEEKS

		117,710	00. None
		1,921	01-14. Days
106-107	D-6		OTHER DAYS OF RESTRICTED ACTIVITY IN PAST TWO WEEKS
		113,904	00. None
		5,727	01-14. Days
108-110	G-2		BED DAYS IN PAST 12 MONTHS
		66,227	000. None
		52,366	001-365. 1-365 days
		1,038	366. Unknown
111	Recode		BED DAYS IN PAST 12 MONTHS - Recode
		66,227	0. None
		40,273	1. 1-7 days
		8,983	2. 8-30 days
		2,462	3. 31-180 days
		648	4. 181-365 days
		1,038	5. Unknown
112-114	G-3		DOCTOR VISITS IN PAST 12 MONTHS
		28,264	000. None
		90,928	001-996. Visits
		1	997. 997+ visits
		438	998. Unknown

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
115	G-3		INTERVAL SINCE LAST DOCTOR VISIT
		234	0. Never
		91,951	1. Less than 1 year
		11,770	2. 1 to less than 2 years
		9,691	3. 2 to less than 5 years
		4,027	4. 5 years or more
		1,958	5. Unknown
116-117	Generated		NUMBER OF CONDITIONS
118-119	Generated		NUMBER OF ACUTE INCIDENCE CONDITIONS
120-121	Generated		NUMBER OF TWO-WEEK DOCTOR VISITS
122-123	Generated		NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS
124-126	Generated		SHORT-STAY HOSPITAL EPISODE DAYS IN PAST

12 MONTHS

127-128	Generated	NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS EXCLUDING DELIVERY*
129-131	Generated	SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS EXCLUDING DELIVERY*
132-133	Generated	NUMBER OF SHORT-STAY HOSPITAL DISCHARGES IN PAST 6 MONTHS
134-136	Generated	NUMBER OF DAYS IN SHORT-STAY HOSPITAL IN PAST 12 MONTHS FOR DISCHARGES IN PAST 6 MONTHS
137-138	Generated	NUMBER OF SHORT-STAY HOSPITAL DISCHARGES IN PAST 6 MONTHS EXCLUDING DELIVERY*
139-141	Generated	NUMBER OF DAYS IN SHORT-STAY HOSPITAL IN PAST 12 MONTHS FOR DISCHARGES IN PAST 6 MONTHS EXCLUDING DELIVERY*

*Based on operation codes and reason entered hospital.

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
142-143		-	BLANK
144	L-9b		YEARS LIVED IN STATE OF PRESENT RESIDENCE
		1,149	1. Less than 1 year
		3,654	2. 1 yr., less than 5 years.
		3,043	3. 5 yrs., less than 10 yrs
		3,156	4. 10 yrs., less than 15 yrs.
		63,608	5. 15 years or more
		2,927	9. Unknown
		42,094	Blank. Not applicable (Foreign born or less than 18 years of age)
145	L-9c		YEARS LIVED IN UNITED STATES
		326	1. Less than 1 year
		1,203	2. 1 yr., less than 5 years.
		1,436	3. 5 yrs., less than 10 yrs
		1,226	4. 10 yrs., less than 15 yrs.
		4,366	5. 15 years or more
		294	9. Unknown
		110,780	Blank. Not applicable (U.S. born or less than 18 years of age)
146-171		-	BLANK
172-177			QUARTER BASIC WEIGHT BEFORE AGE-SEX-RACE

ADJUSTMENT (Has one implied decimal)

178	Master Record		TYPE OF SUBSTRATUM
		15,234	0. Permit
		12,081	1. Area, oversampled for blacks
		92,316	2. Area, not oversampled for blacks
179-181	-		FULL SAMPLE STRATUM IDENTIFIER
182	Master Record		REGION
		24,155	1. Northeast
		29,961	2. Midwest
		40,114	3. South
		25,401	4. West

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NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		51,577	1. 1,000,000 or more
		31,364	2. 250,000 - 999,999
		7,492	3. 100,000 - 249,999
		1,831	4. Under 100,000
		27,367	Blank. Non-MSA
184			BLANK
185	Master Record		TYPE OF PSU
		65,659	1. MSA - Self-representing
		26,605	3. MSA - Nonself-representing
		2	4. Non-MSA - Self-representing
		27,365	6. Non-MSA - Nonself-representing
186	Recode		MSA - NON-MSA RESIDENCE
		38,371	1. MSA - Central City
		53,893	2. MSA - Not Central City
		25,873	3. Non-MSA - Nonfarm
		1,494	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
			6.5 WEIGHT
228-236			QUARTER, SEMI-ANNUAL, AND ANNUAL
			ESTIMATED RESTRICTED ACTIVITY DAYS IN PAST 2 WEEKS
237-245			QUARTER, SEMI-ANNUAL AND ANNUAL
			ESTIMATED BED DAYS IN PAST 2 WEEKS
246-254			QUARTER, SEMI-ANNUAL AND ANNUAL
			ESTIMATED WORK-LOSS DAYS IN PAST 2 WEEKS
255-263			QUARTER, SEMI-ANNUAL AND ANNUAL
			ESTIMATED SCHOOL-LOSS DAYS IN PAST 2 WEEKS
264-272			QUARTER, SEMI-ANNUAL AND ANNUAL
			ESTIMATED DOCTOR VISITS IN PAST 12 MONTHS
273-281			QUARTER
282-290			SEMI-ANNUAL
291-299			ANNUAL
			ESTIMATED SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS
300-308			QUARTER
309-317			SEMI-ANNUAL
318-326			ANNUAL
327-335			ANNUAL ESTIMATED NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS

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

1NOTES:

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CONDITION FILE INCLUSIONS

The Condition file contains the following types of records:

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

Use of Condition Records

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

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

NHIS Created Codes

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

NHIS Code

Category Title

019

Tuberculosis, arrested or inactive

Psychic factors associated with diseases
classified elsewhere in specified system:

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

Codes Not Used by NHIS

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

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

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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

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
908.6	Code to effect

909.0,1,3,9	Code to effect
958	Code injury only
960-979	977.9
980.987	989.9

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

Acute Conditions

Annual incidence estimates can be calculated by the following:

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

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

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

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

Chronic Conditions

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

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

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

1

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.

NHIS PUBLIC USE TAPE RECORDS

Outline of Items and Codes
Number of Records = 92,534

CONDITION RECORD

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

1-2	-		RECORD TYPE
		92,534	30. Condition Record
3-4	-		PROCESSING YEAR
		92,534	90. 1990
5	-		PROCESSING QUARTER
		22,202	1. Quarter 1
		23,551	2. Quarter 2
		22,846	3. Quarter 3
		23,935	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
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
11-12	HH-5		SEGMENT NUMBER

Week plus Segment Number identifies the segment

13-14	HH-5		HOUSEHOLD NUMBER
			Numbered within PSU-Week-Segment

15-16	-		PERSON NUMBER
-------	---	--	---------------

17-18	-		CONDITION SERIAL NUMBER
			01-99. Serial Number

19-20	HH-5		PROCESSING WEEK CODE (Numbered within Quarter)
		5,394	Week 01.
		7,791	Week 02.
		7,342	Week 03.
		7,235	Week 04.
		7,644	Week 05.
		7,395	Week 06.
		7,240	Week 07.
		6,931	Week 08.
		7,268	Week 09.
		7,272	Week 10.
		6,929	Week 11.
		7,066	Week 12.
		7,027	Week 13.

21	Recode		LATE INTERVIEW (OR LAST ATTEMPT) FLAG
		63,809	0. Interview not late
		23,485	1. One week late
		3,830	2. Two weeks late
		1,410	3. Unknown

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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)

797	00. Housing unit; kind unknown
85,667	01. House, apartment, flat
47	02. HU in nontransient hotel, motel, etc.
15	03. HU-permanent in transient hotel, motel, etc.
37	04. HU in rooming house
4,507	05. Mobile home or trailer with no permanent room added
880	06. Mobile home or trailer with one or more permanent rooms added
50	07. HU not specified above

Other Unit = (08-13)

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

24	HH-11	HAS TELEPHONE
	85,014	1. Yes, phone number given
	2,239	2. Yes, no phone number given
	4,887	3. No
	394	4. Unknown

25	A-1	SEX
	39,692	1. Male
	52,842	2. Female

26	-	BLANK
----	---	-------

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
27-28	Person Column		AGE

711	00. Under 1 year
91,790	01-98. Number of years
33	99. 99+ years of age

29	Recode		AGE RECODE #1
		3,113	1. Under 5 years
		8,393	2. 5-17 years
		4,916	3. 18-24 years
		23,831	4. 25-44 years
		24,980	5. 45-64 years
		8,188	6. 65-69 years
		6,781	7. 70-74 years
		12,332	8. 75 years and over

30	Recode		AGE RECODE #2
		3,711	1. Under 6 years
		7,091	2. 6-16 years
		5,620	3. 17-24 years
		11,041	4. 25-34 years
		12,790	5. 35-44 years
		11,515	6. 45-54 years
		13,465	7. 55-64 years
		14,969	8. 65-74 years
		12,332	9. 75 years and over

31-32	Recode		AGE RECODE #3
		1,973	00-35. Months
		90,561	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 |
| 1900-1991. | 1900-1991 |
| 9999. | DK or refused |

40-41

BLANK

42 L-3

MAIN RACIAL BACKGROUND - Reported
(See notation for locations 43-45)

- | | |
|--------|--------------------------------------|
| 767 | 1. Aleut, Eskimo, or American Indian |
| 1,068 | 2. Asian/Pacific Islander |
| 12,444 | 3. Black |
| 77,008 | 4. White |
| 768 | 5. Other |
| 103 | 6. Multiple race |
| 376 | 7. Unknown |

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
43-45	Recode		RACE RECODES
43			RECODE 1
		78,147	1. White
		12,517	2. Black
		1,870	3. Other
44			RECODE 2
		78,147	1. White
		14,387	2. Non-white
45			RECODE 3
		12,517	1. Black
		80,017	2. Non-black

Persons whose Main Racial Background (location 42) was "other" or "unknown" were classified in the following recodes by using the racial background observed by the interviewer. Use these recodes is recommended for estimating statistics for the groups shown here.

46-47	L-4	HISPANIC ORIGIN	
		79	00. Multiple Hispanic
		789	01. Puerto Rican
		364	02. Cuban
		902	03. Mexican-Mexicano
		1,768	04. Mexican-American
		51	05. Chicano
		505	06. Other Latin American
		832	07. Other Spanish
		180	08. Spanish, DK type
		545	09. Unknown if Spanish origin
		86,519	10. Not Spanish origin

48	L-7	MARITAL STATUS	
		8,814	0. Under 14 years
		48,227	1. Married - spouse in household
		793	2. Married - spouse not in household
		12,687	3. Widowed
		7,539	4. Divorced
		2,130	5. Separated
		12,040	6. Never married
		304	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	
		65,049	1. Non-veteran
		63	2. WW I
		6,556	3. WW II
		2,552	4. Korean War
		3,184	5. Vietnam veteran
		709	6. Post-Vietnam
		1,833	7. Other service
		266	8. Served in Armed Forces, unknown if war veteran
		816	9. Unknown if served in Armed Forces
		11,506	Blank. Under 18 years of age

50	L-1	ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES	
		65,049	0. Non-veteran
		830	1. All service in Guard/Reserve

2,385	2.	Some service in Guard/Reserve
35	3.	Unknown if all service in Guard/Reserve
11,157	4.	No active service in Guard/Reserve
1,572	5.	Unknown if ever active member in Guard/Reserve or if served in Armed Forces
11,506	Blank.	Under 18 years of age

51-52 L-2

EDUCATION OF INDIVIDUAL - COMPLETED YEARS

2,119	00.	Never attended; kindergarten only
60,082	01-12.	Grades 1-12
		College:
5,175	13.	1 year
6,341	14.	2 years
2,437	15.	3 years
6,718	16.	4 years
1,586	17.	5 years
3,961	18.	6 years or more
1,002	19.	Unknown
3,113	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

2,119	0.	None; kindergarten only
18,365	1.	1-8 years (elementary)
13,276	2.	9-11 years (high school)
28,441	3.	12 years (high school graduate)
13,953	4.	1-3 years (college)
6,718	5.	4 years (college graduate)
5,547	6.	5+ years (post-college)
1,002	7.	Unknown
3,113	Blank.	Under 5 years of age

54-55 -
FAMILY

HIGHEST EDUCATION OF RESPONSIBLE ADULT
MEMBER (Detail)

264	00.	Never attended; kindergarten only
51,324	01-12.	Grades 1-12

College:

6,648	13. 1 year
9,250	14. 2 years
3,713	15. 3 years
10,653	16. 4 years
2,674	17. 5 years
7,582	18. 6 years or more
426	19. Unknown

56
FAMILY

-

HIGHEST EDUCATION OF RESPONSIBLE ADULT

MEMBER - Recode

264	0. None; kindergarten only
8,356	1. 1-8 years (elementary)
10,016	2. 9-11 years (high school)
32,952	3. 12 years (high school graduate)
19,611	4. 1-3 years (college)
10,653	5. 4 years (college graduate)
10,256	6. 5+ years (post-college)
426	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
		40,604	1. Less than \$20,000
		49,631	2. \$20,000 or more
		2,299	3. Unknown

58-59	L-8		FAMILY INCOME
		517	00. Less than \$ 1,000
		566	01. \$ 1,000 - \$ 1,999
		761	02. 2,000 - 2,999
		1,090	03. 3,000 - 3,999
		2,021	04. 4,000 - 4,999
		1,818	05. 5,000 - 5,999
		2,187	06. 6,000 - 6,999
		2,207	07. 7,000 - 7,999
		1,925	08. 8,000 - 8,999
		1,987	09. 9,000 - 9,999
		2,332	10. 10,000 - 10,999
		1,668	11. 11,000 - 11,999

2,562	12.	12,000 - 12,999
1,538	13.	13,000 - 13,999
1,594	14.	14,000 - 14,999
1,927	15.	15,000 - 15,999
1,480	16.	16,000 - 16,999
1,390	17.	17,000 - 17,999
1,792	18.	18,000 - 18,999
2,170	19.	19,000 - 19,999
7,166	20.	20,000 - 24,999
5,703	21.	25,000 - 29,999
5,488	22.	30,000 - 34,999
4,545	23.	35,000 - 39,999
4,092	24.	40,000 - 44,999
3,436	25.	45,000 - 49,999
13,804	26.	\$50,000 and over
14,768	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
		4,955	0. Under \$5,000
		4,005	1. \$ 5,000 - \$ 6,999
		6,119	2. 7,000 - 9,999
		9,694	3. 10,000 - 14,999
		8,759	4. 15,000 - 19,999
		7,166	5. 20,000 - 24,999
		11,191	6. 25,000 - 34,999
		12,073	7. 35,000 - 49,999
		13,804	8. \$50,000 or more
		14,768	9. Unknown
61	Generated		NHIS POVERTY INDEX*
		71,548	1. Above poverty threshold
		11,597	2. Below poverty threshold
		9,389	3. Unknown
62-63			FAMILY RELATIONSHIP
62	A-2		TYPE OF FAMILY
		17,505	&. Primary individual
		1,083	-. Secondary individual
		73,886	0. Primary family
		60	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		16,933	&. Reference person, living alone

34,015	0.	Reference person, 2+ persons in household
22,839	1.	Spouse, other spouse NOT in Armed Forces and living at home
222	2.	Spouse, other spouse IN Armed Forces and living at home
14,615	3.	Child of reference person or spouse
648	4.	Grandchild of reference person or spouse
1,716	5.	Parent of reference person or spouse
1,539	6.	Other relative
7	7.	Child of ineligible reference person
0	9.	DK or refused

*Based on family size, number of children under 18 years of age & family income using the 1989 poverty levels derived from the August, 1990 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
		16,933	1. Living alone
		1,655	2. Living only with non-relative
		48,197	3. Living with spouse
		25,749	4. Living with relative - other
65-66	Generated		SIZE OF FAMILY* Unrelated individuals are coded 01
67	Generated		SIZE OF FAMILY RECODE 1-8. Number of members 9. 9+ members
68	A-2		PARENT/OTHER ADULT RELATIVE (under 25 years and never married)
		8,630	1. Both parents, no other relative
		2,763	2. Mother only
		127	3. Father only
		823	4. Both parents and other 21+ year old adult relative

	664	5. Mother and other 21+ year old adult relative
	39	6. Father and other 21+ year old adult relative
adult	174	7. No parent, but one 21+ year old relative
	198	8. No parent, but two or more 21+ year old adult relatives
	207	9. Unknown
	1,155	0. Other
ever	77,754	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)
		34,040	1. Working
		21,405	2. Keeping house
		2,456	3. Going to school
		22,338	4. Something else
		789	5. Unknown
		11,506	Blank. Not applicable (Under 18 years)
70	G-4		HEALTH STATUS
		16,517	1. Excellent
		20,670	2. Very Good
		25,779	3. Good
		17,651	4. Fair
		11,592	5. Poor
		325	6. Unknown
71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
activity		15,678	1. Unable to perform major activity
		16,341	2. Limited in kind/amount major
		12,713	3. Limited in other activities
		47,802	4. Not limited (includes unknowns)

72 Recode

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

14,881	1. Unable to work
8,216	2. Limited in kind/amount of work
6,384	3. Limited in other activities
32,434	4. Not limited (includes unknowns)
30,619	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)
		189	1. Unable to attend school
		1,123	2. Attends special school/classes
		141	3. Needs special school/classes
		433	4. Limited in school attendance
		619	5. Limited in other activities
		5,888	6. Not limited (includes unknowns)
		84,141	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		2,201	1. Unable to perform personal care
needs		4,639	2. Limited in performing other routine needs
or		30,199	3. Not limited in performing personal routine needs
		18	4. Unknown
		55,477	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)
		34,158	1. Worked in past 2 weeks
off		1,552	2. Did not work, has job; not on lay-off and not looking for work

	34	3. Did not work, has job; looking for work
		Unemployed: (4-7)
	129	4. Did not work, has job; on lay-off
	17	5. Did not work, has job; on lay-off and looking for work
	401	6. Did not work, has job; unknown if looking or on lay-off
for	1,402	7. Did not work, has no job; looking work or on lay-off
		Not in Labor Force (18+ years): (8)
	43,335	8. Not in Labor Force (18+ years)
	11,506	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
		43,335	0. Not in labor force
		25,452	1. Private company
		1,320	2. Federal Government employee
		1,700	3. State Government employee
		3,440	4. Local Government employee
		958	5. Incorporated business
		3,926	6. Self-employed
		121	7. Without pay
		22	8. Never worked
		754	9. Unknown
		11,506	Blank. Under 18
77-79	L-6		INDUSTRY DETAIL CODE
		37,693	010-996. Code number
		54,841	Blank. Not applicable
80-81	Recode		INDUSTRY RECODE 1
			SEE APPENDIX B

82-83 Recode INDUSTRY RECODE 2
SEE APPENDIX B

84-86 L-6 OCCUPATION DETAIL CODE
37,693 003-999. Code number
54,841 Blank. Not applicable

87-88 Recode OCCUPATION RECODE 1
SEE APPENDIX C

89-90 Recode OCCUPATION RECODE 2
SEE APPENDIX C

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

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

91	L-R		RESPONDENT
		10,802	0. Under 17
		59,350	1. Self-entirely
		4,670	2. Self-partly
		16,975	3. Proxy
		737	4. Unknown

92	Recode		CONDITION LIST ASSIGNED AND ASKED
		18,163	1. Condition List 1, Skin and musculoskeletal
		15,175	2. Condition List 2, Impairments
		12,831	3. Condition List 3, Digestive
		14,414	4. Condition List 4, Miscellaneous
		14,432	5. Condition List 5, Circulatory
		17,067	6. Condition List 6, Respiratory
		452	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
		79,868	1. Chronic
		12,666	2. Acute
108	K-5		ONSET
		8,370	1. During the past 2 weeks
		5,809	2. Over 2 weeks to 3 months
		10,290	3. Over 3 months to 12 months
		22,141	4. Over 1 year to 5 years
		45,924	5. Over 5 years
109	K-2		DOCTOR LAST SEEN FOR THIS CONDITION
		306	0. Interview week
		21,970	1. 2-week reference period
		26,252	2. Over 2 weeks, less than 6 months
		9,369	3. 6 months, less than 1 year
		6,650	4. 1 year, less than 2 years
		6,280	5. 2 years, less than 5 years
		6,845	6. 5 years or more

1,537	7. Doctor seen, DK when
1,053	8. DK if doctor seen
12,272	9. Doctor never seen

110	Recode		DOCTOR EVER SEEN FOR THIS CONDITION
		80,262	1. Yes
		12,272	2. No
111-112	K-6		TOTAL RESTRICTED ACTIVITY DAYS IN PAST 2 WEEKS FOR THIS CONDITION
		77,506	00. None
		15,028	01-14. 1-14 days
113-114	K-7		BED DAYS IN PAST 2 WEEKS FOR THIS CONDITION
		84,276	00. None
		8,258	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)
		89,254	00. None
		3,280	01-14. 1-14 days
117-118	K-9		SCHOOL-LOSS DAYS IN PAST 2 WEEKS FOR THIS CONDITION
		90,609	00. None
		1,925	01-14. 1-14 days
119-121	K-10		BED DAYS IN PAST 12 MONTHS FOR THIS CONDITION*
		41,823	000. None
		5,530	001-365. Days
		32,515	366. Unknown/not a "check-list" condition

12,666 Blank. Not a chronic condition

122	K-11		EVER HOSPITALIZED FOR THIS CONDITION*
		7,404	1. Yes
		40,359	2. No
		32,105	3. Unknown/not a "check-list" condition
		12,666	Blank. Not a chronic condition

123	K-12		CONDITION STATUS*
		41,542	1. Still has condition
		850	2. Condition cured
		3,252	3. Condition under control
		280	4. Other
		33,944	5. Unknown status/not a "check-list" condition
		12,666	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)
		38	0. Less than 1 month
		97	1. 1-3 months
		146	2. Over 3 to 6 months
		37	3. Over 6 to 12 months
		122	4. 1 year
		118	5. 2-4 years
		63	6. 5-9 years
		60	7. 10 years or more
		169	8. Unknown
		91,684	Blank. Not applicable/not a chronic condition

125	K-12		CONDITION PRESENT IN PAST 12 MONTHS*
		45,348	1. Yes
		200	2. No
		34,320	3. Unknown/not a "check-list" condition
		12,666	Blank. Not a chronic condition

126	Recode		CONDITION CAUSES ACTIVITY LIMITATION (all ages) (Refer to loc. 71 in all records except household for activity limitation status.)
of		16,607	1. Limited, this condition main cause limitation
		10,062	2. Limited, this condition secondary cause of limitation
		18,063	3. Limited, but not caused by this condition
		47,802	4. Not limited

*Use only for check-list conditions.

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
127	Recode		CONDITION CAUSES LIMITATION IN ABILITY TO WORK (for all persons 18-69 years of age)
		8,300	1. Limited in work, this condition main cause of this limitation
		5,083	2. Limited in work, this condition secondary cause of this limitation
		9,714	3. Limited in work but not caused by this condition
		38,818	4. Not limited in work
		30,619	Blank. Not applicable
128	-		ALL INJURIES*
		9,906	1. First
		1,153	2. Not first
		81,475	Blank. Not an injury
129	Recode		IS INJURY ADVERSE REACTION OR COMPLICATION OF MEDICAL CARE
		81	1. Yes, adverse reaction**
		448	2. Yes, complication of medical care (therapeutic misadventure)**
		10,530	3. No, other injury
		81,475	Blank. Not an injury

130	K-14	PLACE OF ACCIDENT	
		1,119	1. At home (inside house)
		1,079	2. At home (adjacent premises)
roadway		2,696	3. Street and highway (including and public sidewalks)
		187	4. Farm
premises)		1,869	5. Industrial place (including
		469	6. School (including premises)
		616	7. Place of recreation and sports, except school
		1,290	8. Other
		1,734	9. Unknown
		81,475	Blank. Not an injury

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

**Locations 130-134 are coded 'Unknown' for these injuries.

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
131	K-15	AT WORK AT TIME OF ACCIDENT	
		2,652	1. Yes
		4,485	2. No
		1,611	3. Not applicable, under 18 at time of accident
		453	4. Not applicable, in Armed Forces
		1,858	5. Unknown
		81,475	Blank. Not an injury
132	K-16	MOTOR VEHICLE INVOLVED	
		2,722	1. Yes
		7,050	2. No
		1,287	3. Unknown
		81,475	Blank. Not an injury
133	K-16	NUMBER OF VEHICLES INVOLVED	
		1,676	1. One
		1,015	2. Two or more

31	3. Unknown
89,812	Blank. Not an injury/no or unknown if motor vehicle involved

134	K-16		MOVING MOTOR VEHICLE INVOLVED
		2,393	1. Yes
		251	2. No
		78	3. Unknown
		89,812	Blank. Not an injury/no or unknown if motor vehicle involved

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NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
135-137	Recode		CLASS OF ACCIDENT
		10,077	111-322.
		453	400. SEE APPENDIX D
		448	500.
		81	600.
		81,475	Blank. Not an injury
138	Recode		SELECTED FIRST INJURY*
		7,727	1. First
		773	2. Not first
		84,034	Blank. Not a selected injury
139	Recode		CONDITION CAUSES PERSONAL CARE ACTIVITY LIMITATION (5-59 years old and limited, or age 60-69 years)
		2,007	1. Limited, condition main cause of limitation
		1,064	2. Limited, condition secondary cause limitation
		3,769	3. Limited, but not caused by this condition
		30,217	4. Not limited
		55,477	Blank. Not applicable (under 5 years, 5-59 years not limited, 70+ years old)
140-177	-		BLANK

178	Master Record		TYPE OF SUBSTRATUM
		9,601	0. Permit
		9,072	1. Area, oversampled for blacks
		73,861	2. Area, not oversampled for blacks

179-181 FULL SAMPLE STRATUM IDENTIFIER

182	Master Record		REGION
		16,807	1. Northeast
		24,328	2. Midwest
		32,820	3. South
		18,579	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
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183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		36,424	1. 1,000,000 or more
		24,824	2. 250,000 - 999,999
		5,653	3. 100,000 - 249,999
		1,466	4. Under 100,000
		24,167	Blank. Non-MSA

184 - BLANK

185	Master Record		TYPE OF PSU
		47,277	1. MSA - Self-representing
		21,090	3. MSA - Nonself-representing
		1	4. Non-MSA - Self-representing
		24,166	6. Non-MSA - Nonself-representing

186 Recode MSA - NON-MSA RESIDENCE

28,997	1. MSA - Central City
39,370	2. MSA - Not Central City
22,996	3. Non-MSA - Nonfarm
1,171	4. Non-MSA - Farm

187-189 PSEUDO PSU CODES

190-200 CHRONIC CONDITION PREVALENCE AND INCIDENCE
 with FACTOR (XX.XXXXXXXXX) - 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:

1

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DOCTOR VISIT RECORD

1NOTES:

1

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NHIS PUBLIC USE TAPE RECORDS
Outline of Items and Codes
Number of Records = 25,312
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-	25,312	RECORD TYPE 40. Two-week Doctor Visit Record

3-4 - PROCESSING YEAR
 25,312 90. 1990

5 - PROCESSING QUARTER
 6,076 1. Quarter 1
 6,457 2. Quarter 2
 6,344 3. Quarter 3
 6,435 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
 DOCTOR VISIT RECORD

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

1,615	Week 01.
2,014	Week 02.
2,106	Week 03.
2,042	Week 04.
2,076	Week 05.
1,888	Week 06.
2,050	Week 07.
1,856	Week 08.
1,848	Week 09.
1,891	Week 10.
2,037	Week 11.
2,052	Week 12.
1,837	Week 13.

21

LATE INTERVIEW (OR LAST ATTEMPT) FLAG

17,187	0. Interview not late
6,695	1. One week late
1,120	2. Two weeks late
310	3. Unknown

1

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

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

22-23 HH-10d

TYPE OF LIVING QUARTERS:

Housing Unit = (00-07)

217	00. Housing unit; kind unknown
23,687	01. House, apartment, flat

8	02.	HU in nontransient hotel, motel, etc.
3	03.	HU-permanent in transient hotel, motel, etc.
6	04.	HU in rooming house
1,022	05.	Mobile home or trailer with no permanent room added
203	06.	Mobile home or trailer with one or more permanent rooms added
13	07.	HU not specified above

Other Unit = (08-13)

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

24	HH-11		HAS TELEPHONE
		23,353	1. Yes, phone number given
		625	2. Yes, no phone number given
		1,226	3. No
		108	4. Unknown

25	A-1		SEX
		10,225	1. Male
		15,087	2. Female

26	-		BLANK
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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
27-28	Person Column		AGE
		830	00. Under 1 year
		24,477	01-98. Number of years
		5	99. 99+ years of age

29	Recode		AGE RECODE #1
		2,483	1. Under 5 years
		2,889	2. 5-17 years
		1,835	3. 18-24 years
		7,372	4. 25-44 years
		5,541	5. 45-64 years
		1,586	6. 65-69 years
		1,335	7. 70-74 years
		2,271	8. 75 years and over

30	Recode		AGE RECODE #2
		2,763	1. Under 6 years
		2,356	2. 6-16 years
		2,088	3. 17-24 years
		3,712	4. 25-34 years
		3,660	5. 35-44 years
		2,782	6. 45-54 years
		2,759	7. 55-64 years
		2,921	8. 65-74 years
		2,271	9. 75 years and over

31-32	Recode		AGE RECODE #3
		1,837	00-35. Months
		23,475	36. Over 3 years

33			BLANK
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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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
- 1900-1991. 1900-1991
- 9999. DK or refused

40-41

BLANK

42 L-3

MAIN RACIAL BACKGROUND - Reported
(See notation for locations 43-45)

250	1. Aleut, Eskimo, or American Indian
378	2. Asian/Pacific Islander
3,453	3. Black
20,742	4. White
272	5. Other
32	6. Multiple race
185	7. Unknown

1

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
43-45	Recode		RACE RECODES
43			RECODE 1
		21,196	1. White
		3,477	2. Black
		639	3. Other
44			RECODE 2
		21,196	1. White
		4,116	2. Non-white
45			RECODE 3
		3,477	1. Black

of

Persons whose Main Racial Background (location 42) was "other" or "unknown" were classified in the following recodes by using the racial background observed by the interviewer. Use these recodes is recommended for estimating statistics for the groups shown here.

21,835 2. Non-black

46-47	L-4	HISPANIC ORIGIN	
		33	00. Multiple Hispanic
		248	01. Puerto Rican
		94	02. Cuban
		343	03. Mexican-Mexicano
		617	04. Mexican-American
		17	05. Chicano
		203	06. Other Latin American
		257	07. Other Spanish
		28	08. Spanish, DK type
		252	09. Unknown if Spanish origin
		23,220	10. Not Spanish origin

48	L-7	MARITAL STATUS	
		4,509	0. Under 14 years
		12,323	1. Married - spouse in household
		219	2. Married - spouse not in household
		2,378	3. Widowed
		1,742	4. Divorced
		578	5. Separated
		3,438	6. Never married
		125	7. Unknown

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
49	L-1	VETERAN STATUS	
		16,564	1. Non-veteran
		14	2. WW I
		1,168	3. WW II
		502	4. Korean War
		770	5. Vietnam veteran
		193	6. Post-Vietnam
		422	7. Other service
		35	8. Served in Armed Forces, unknown if war veteran
		272	9. Unknown if served in Armed Forces
		5,372	Blank. Under 18 years of age
50	L-1	ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES	
		16,564	0. Non-veteran
		171	1. All service in Guard/Reserve

528	2.	Some service in Guard/Reserve
8	3.	Unknown if all service in Guard/Reserve
2,270	4.	No active service in Guard/Reserve
399	5.	Unknown if ever active member in Guard/Reserve or if served in Armed Forces
5,372	Blank.	Under 18 years of age

51-52 L-2

EDUCATION OF INDIVIDUAL - COMPLETED YEARS

726	00.	Never attended; kindergarten only
14,208	01-12.	Grades 1-12
	College:	
1,385	13.	1 year
1,835	14.	2 years
716	15.	3 years
2,042	16.	4 years
430	17.	5 years
1,196	18.	6 years or more
291	19.	Unknown
2,483	Blank.	Under 5 years of age

1

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

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

53 Recode

EDUCATION OF INDIVIDUAL RECODE

726	0.	None; kindergarten only
4,007	1.	1-8 years (elementary)
3,047	2.	9-11 years (high school)
7,154	3.	12 years (high school graduate)
3,936	4.	1-3 years (college)
2,042	5.	4 years (college graduate)
1,626	6.	5+ years (post-college)
291	7.	Unknown
2,483	Blank.	Under 5 years of age

54-55 -
FAMILY

HIGHEST EDUCATION OF RESPONSIBLE ADULT

MEMBER (Detail)

63	00.	Never attended; kindergarten only
12,347	01-12.	Grades 1-12

College:

1,931	13. 1 year
2,802	14. 2 years
1,215	15. 3 years
3,408	16. 4 years
847	17. 5 years
2,532	18. 6 years or more
167	19. Unknown

56
FAMILY

-

HIGHEST EDUCATION OF RESPONSIBLE ADULT

MEMBER - Recode

63	0. None; kindergarten only
1,519	1. 1-8 years (elementary)
2,211	2. 9-11 years (high school)
8,617	3. 12 years (high school graduate)
5,948	4. 1-3 years (college)
3,408	5. 4 years (college graduate)
3,379	6. 5+ years (post-college)
167	7. Unknown

1

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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

9,368	1. Less than \$20,000
15,277	2. \$20,000 or more
667	3. Unknown

58-59

L-8

FAMILY INCOME

95	00. Less than \$1,000
157	01. \$ 1,000 - \$ 1,999
212	02. 2,000 - 2,999
247	03. 3,000 - 3,999
402	04. 4,000 - 4,999
387	05. 5,000 - 5,999
443	06. 6,000 - 6,999
477	07. 7,000 - 7,999
416	08. 8,000 - 8,999
400	09. 9,000 - 9,999
507	10. 10,000 - 10,999
388	11. 11,000 - 11,999

658	12.	12,000 - 12,999
371	13.	13,000 - 13,999
317	14.	14,000 - 14,999
479	15.	15,000 - 15,999
397	16.	16,000 - 16,999
356	17.	17,000 - 17,999
521	18.	18,000 - 18,999
581	19.	19,000 - 19,999
1,865	20.	20,000 - 24,999
1,692	21.	25,000 - 29,999
1,628	22.	30,000 - 34,999
1,474	23.	35,000 - 39,999
1,312	24.	40,000 - 44,999
1,127	25.	45,000 - 49,999
4,721	26.	\$50,000 and over
3,682	27.	Unknown

1

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
60	Recode		FAMILY INCOME RECODE
		1,113	0. Under \$5,000
		830	1. \$ 5,000 - \$ 6,999
		1,293	2. 7,000 - 9,999
		2,241	3. 10,000 - 14,999
		2,334	4. 15,000 - 19,999
		1,865	5. 20,000 - 24,999
		3,320	6. 25,000 - 34,999
		3,913	7. 35,000 - 49,999
		4,721	8. \$50,000 or more
		3,682	9. Unknown
61	Generated		NHIS POVERTY INDEX*
		20,232	1. Above poverty threshold
		2,850	2. Below poverty threshold
		2,230	3. Unknown
62-63			FAMILY RELATIONSHIP
62	A-2		TYPE OF FAMILY
		3,707	&. Primary individual
		297	-. Secondary individual
		21,287	0. Primary family
		21	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		3,553	&. Reference person, living alone
		7,976	0. Reference person, 2+ persons in

	household
6,423	1. Spouse, other spouse NOT in Armed Forces and living at home
86	2. Spouse, other spouse IN Armed Forces and living at home
6,186	3. Child of reference person or spouse
331	4. Grandchild of reference person or spouse
316	5. Parent of reference person or spouse
439	6. Other relative
2	7. Child of ineligible reference person
0	9. DK or refused

*Based on family size, number of children under 18 years of age and family income using the 1989 poverty levels derived from the August, 1990 Current Population Survey.

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
64	Recode		FAMILY RELATIONSHIP RECODE
		3,553	1. Living alone
		451	2. Living only with non-relative
		12,314	3. Living with spouse
		8,994	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)
		4,135	1. Both parents, no other relative
		1,044	2. Mother only
		36	3. Father only
		338	4. Both parents and other 21+ year old adult relative
		317	5. Mother and other 21+ year old adult

			relative
	18	6.	Father and other 21+ year old adult relative
adult	70	7.	No parent, but one 21+ year old
			relative
	79	8.	No parent, but two or more 21+ year old adult relatives
	83	9.	Unknown
	368	0.	Other
	18,824	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)
		9,676	1. Working
		4,692	2. Keeping house
		768	3. Going to school
		4,637	4. Something else
		167	5. Unknown
		5,372	Blank. Not applicable (Under 18 years)
70	G-4		HEALTH STATUS
		5,701	1. Excellent
		5,873	2. Very Good
		6,900	3. Good
		3,866	4. Fair
		2,836	5. Poor
		136	6. Unknown
71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
activity		4,136	1. Unable to perform major activity
		2,983	2. Limited in kind/amount major
		1,913	3. Limited in other activities
		16,280	4. Not limited (includes unknowns)
72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY

"ABILITY TO WORK" (18-69 years)

3,607	1. Unable to work
1,473	2. Limited in kind/amount of work
1,140	3. Limited in other activities
10,114	4. Not limited (includes unknowns)
8,978	Blank. Not applicable (under 18 years, 70+ years)

1

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		82	1. Unable to attend school
		187	2. Attends special school/classes
		19	3. Needs special school/classes
		129	4. Limited in school attendance
		122	5. Limited in other activities
		2,350	6. Not limited (includes unknowns)
		22,423	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		672	1. Unable to perform personal care
needs		1,176	2. Limited in performing other routine needs
or		6,106	3. Not limited in performing personal routine needs
		27	4. Unknown
		17,331	Blank. Not applicable (under 5 years; 5-59 years not limited; 70+ years old)
75	D-1		EMPLOYMENT STATUS IN PAST 2 WEEKS (18+ years)
			In the Labor Force: (1-7)
			Currently employed: (1-3)
		8,912	1. Worked in past 2 weeks
		1,026	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

and
for

		Unemployed: (4-7)
	75	4. Did not work, has job; on lay-off
	8	5. Did not work, has job; on lay-off
		looking for work
	149	6. Did not work, has job; unknown if
		looking or on lay-off
	330	7. Did not work, has no job; looking
		work or on lay-off
		Not in Labor Force (18+ years): (8)
	9,434	8. Not in Labor Force (18+ years)
	5,372	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
		9,434	0. Not in labor force
		7,157	1. Private company
		412	2. Federal Government employee
		513	3. State Government employee
		1,074	4. Local Government employee
		240	5. Incorporated business
		868	6. Self-employed
		23	7. Without pay
		3	8. Never worked
		216	9. Unknown
		5,372	Blank. Under 18
77-79	L-6		INDUSTRY DETAIL CODE
		10,506	010-996. Code number
		14,806	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
		10,506	003-999. Code number
		14,806	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
91	L-R		RESPONDENT
		5,119	0. Under 17
		14,396	1. Self-entirely
		1,244	2. Self-partly
		4,281	3. Proxy
		272	4. Unknown
92	Recode		CONDITION LIST ASSIGNED AND ASKED
		4,206	1. Condition List 1, Skin and musculoskeletal
		4,314	2. Condition List 2, Impairments
		4,163	3. Condition List 3, Digestive
		4,216	4. Condition List 4, Miscellaneous
		4,063	5. Condition List 5, Circulatory
		4,233	6. Condition List 6, Respiratory
		117	7. Unknown
93-96	F-1		DATE OF VISIT
		0	6666. During 2 weeks, DK when
		2,171	7777. Last week, DK day
		2,343	8888. Week before, DK day
93-94			MONTH
		1,516	01. January
		1,702	02. February
		1,945	03. March
		1,822	04. April

1,761	05. May
1,714	06. June
1,737	07. July
1,761	08. August
1,649	09. September
1,906	10. October
1,696	11. November
1,403	12. December
186	99. DK month

95-96

DAY

20,612	01-31. Day of month
186	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		232	00. Visit on last Sunday of reference
		538	01. Visit on second Saturday of reference period
		2,244	02. Visit on second Friday of reference period
		2,034	03. Visit on second Thursday of reference period
		2,040	04. Visit on second Wednesday of reference period
		2,032	05. Visit on second Tuesday of reference period
		2,192	06. Visit on second Monday of reference period
		236	07. Visit on first Sunday of reference period
		499	08. Visit on first Saturday of reference period
		1,782	09. Visit on first Friday of reference period
		1,677	10. Visit on first Thursday of reference period
		1,598	11. Visit on first Wednesday of reference period
		1,660	12. Visit on first Tuesday of reference period
		1,848	13. Visit on first Monday of reference period
	4,700	14. No value (records not coded 01-31 in	

Day of Month of Visit)

99	Recode	DAY OF	WEEK OF	VISIT
		4,040	1.	Monday
		3,692	2.	Tuesday
		3,638	3.	Wednesday
		3,711	4.	Thursday
		4,026	5.	Friday
		1,037	6.	Saturday
		468	7.	Sunday
		4,700	8.	Unknown

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
100	Recode		WEEK OF VISIT
		13,483	1. Last week
		11,643	2. Week before
		186	3. During 2 weeks, DK when

101-102		PLACE OF VISIT
	2,952	01. Telephone
		Not in Hospital
	881	02. Home
	14,963	03. Doctor's office
	341	04. Company or Industrial clinic
	1,544	05. Other clinic
	107	06. Laboratory
	474	07. Other
		In Hospital
	1,907	08. Outpatient clinic
	969	09. Emergency Room
	582	10. Doctor's office
	161	11. Laboratory
	245	12. Other
	186	13. Unknown

103	Recode	PLACE OF VISIT	
		2,952	1. Telephone
		14,963	2. Doctor's office (not in hospital)

1,907	3. Hospital Outpatient clinic
969	4. Hospital Emergency Room
582	5. Doctor's office in hospital
341	6. Company or Industry clinic
881	7. Home
2,531	8. Other place (Loc. 101-102 = 5,6,7,11,12)
186	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
		19,012	1. Yes
		5,944	2. No
		356	3. Unknown
105-106	F-3		KIND OF MEDICAL DOCTOR FOR THIS DOCTOR VISIT/CONTACT
		1,687	00. M.D., DK if G.P. or specialist
		9,355	01. General practitioner
		25	02. Anesthesiologist
		475	03. Dermatologist
		2,769	04. Internist
		401	05. Neurologist
		1,574	06. Obstetrician/Gynecologist
		817	07. Ophthalmologist
		1,355	08. Orthopedist
		136	09. Osteopath
		449	10. Otolaryngologist
		1	11. Pathologist
		2,167	12. Pediatrician
		16	13. Proctologist
		442	14. Psychiatrist
		489	15. Radiologist
		584	16. Surgeon (not listed above)
		472	18. Urologist
		205	19. Other M.D. specialist
		298	20. Specialist, DK kind
		36	21. Family Practice (specialist)
		1,465	22. DK if medical doctor
		94	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
		81	31. Nurse practitioner
		88	32. Physician's assistant
		2,668	33. Nurse
		211	34. Laboratory technician
		6	35. Paramedic
		651	36. Physical therapist
		9	37. Social worker
		14	38. Pharmacist
		132	39. X-ray technician
		124	40. Other technician
		34	41. Dentist/oral surgeon
		49	42. Optometrist/Optician
		846	43. Chiropractor
		218	44. Foot specialist
		8	45. Dietician
		128	46. Psychologist
		8	47. Nutritionist
		1	48. Naprapath
		0	49. Orthoptic technician/Orthopist
		402	50. Other non-medical person
		622	51. Unknown type of medical assistant
		19,012	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
		769	00. M.D., DK if G.P. or specialist
		7,809	01. General practitioner
		21	02. Anesthesiologist
		432	03. Dermatologist
		2,124	04. Internist
		300	05. Neurologist
		1,324	06. Obstetrician/Gynecologist
		778	07. Ophthalmologist
		939	08. Orthopedist
		110	09. Osteopath

372	10. Otolaryngologist
0	11. Pathologist
1,865	12. Pediatrician
15	13. Proctologist
356	14. Psychiatrist
396	15. Radiologist
496	16. Surgeon (not listed above)
372	18. Urologist
151	19. Other M.D. specialist
239	20. Specialist, DK kind
28	21. Family Practice (specialist)
81	31. Nurse practitioner
88	32. Physician's assistant
2,668	33. Nurse
211	34. Laboratory technician
6	35. Paramedic
651	36. Physical therapist
9	37. Social worker
14	38. Pharmacist
132	39. X-ray technician
124	40. Other technician
34	41. Dentist/Oral surgeon
49	42. Optometrist/Optician
846	43. Chiropractor
218	44. Foot specialist
8	45. Dietician
128	46. Psychologist
8	47. Nutritionist
1	48. Naprapath
0	49. Orthoptic technician/Orthoptist
402	50. Other non-medical person
622	51. Not MD; unknown type of medical assistant
116	52. Unknown if MD

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
111-161			CONDITIONS FOR WHICH DOCTOR VISITED
111-127			CONDITION NO. 1
111-112	F-4		SERIAL NUMBER
			01-99. Condition Serial Number Blank.
113-116	Condition Record		ICD/NHIS CODE
		234	0000. No matched condition record
		20,696	ICD/NHIS Code (note Unknown = 7999)
		4,382	Blank. No condition for this visit

117	Condition Record		CHRONIC/ACUTE CODE
		234	0. No matched condition record
		12,714	1. Chronic
		7,982	2. Acute
		4,382	Blank. No condition for this visit
118-121	Condition Record		ACUTE RECODE (A)
		234	0000. No matched condition record
		7,204	1001-5931. Acute Recode
		778	5932. All other acute conditions including unknowns
condition		17,096	Blank. Chronic condition or no for this visit
122-124	Condition Record		CHRONIC RECODE (C)
		234	000. No matched condition record
		9,558	101-615. Chronic Recode
		3,156	999. All other chronic conditions including unknowns
for		12,364	Blank. Acute condition or no condition this visit
125-127	Condition Record		CONDITION RECODE (B)
		234	000. No matched condition record
		20,521	010-570. Condition recode
		175	990. All other conditions including unknown
1		4,382	Blank. No condition for this visit
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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
111-161 cont...			CONDITIONS FOR WHICH DOCTOR VISITED -
128-144			CONDITION NO. 2
128-129	F-4		SERIAL NUMBER
			01-99. Condition Serial Number Blank.
130-133	Condition Record		ICD/NHIS CODE
		60	0000. No matched condition record
		3,254	ICD/NHIS Code (note Unknown = 7999)
		21,998	Blank. No condition for this visit

134	Condition Record		CHRONIC/ACUTE CODE
		60	0. No matched condition record
		2,388	1. Chronic
		866	2. Acute
		21,998	Blank. No condition for this visit
135-138	Condition Record		ACUTE RECODE (A)
		60	0000. No matched condition record
		738	1001-5931. Acute Recode
		128	5932. All other acute conditions including unknowns
condition		24,386	Blank. Chronic condition or no for this visit
139-141	Condition Record		CHRONIC RECODE (C)
		60	000. No matched condition record
		1,860	101-615. Chronic Recode
		528	999. All other chronic conditions including unknowns
for		22,864	Blank. Acute condition or no condition this visit
142-144	Condition Record		CONDITION RECODE (B)
		60	000. No matched condition record
		3,229	010-570. Condition recode
		25	990. All other conditions including unknown
1		21,998	Blank. No condition for this visit
			- 95 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
111-161 cont...			CONDITIONS FOR WHICH DOCTOR VISITED -
145-161			CONDITION NO. 3
145-146	F-4		SERIAL NUMBER
			01-99. Condition Serial Number Blank.
147-150	Condition Record		ICD/NHIS CODE
		11	0000. No matched condition record
		762	ICD/NHIS Code (note Unknown = 7999)
		24,539	Blank. No condition for this visit

151	Condition Record		CHRONIC/ACUTE CODE
		11	0. No matched condition record
		618	1. Chronic
		144	2. Acute
		24,539	Blank. No condition for this visit
152-155	Condition Record		ACUTE RECODE (A)
		11	0000. No matched condition record
		113	1001-5931. Acute Recode
		31	5932. All other acute conditions including unknowns
		25,157	Blank. Chronic condition or no
condition			for this visit
156-158	Condition Record		CHRONIC RECODE (C)
		11	000. No matched condition record
		489	101-615. Chronic Recode
		129	999. All other chronic conditions including unknowns
		24,683	Blank. Acute condition or no condition for this visit
159-161	Condition Record		CONDITION RECODE (B)
		11	000. No matched condition record
		760	010-570. Condition recode
		2	990. All other conditions including unknown
		24,539	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
		960	1. Yes
		20,588	2. No
		812	3. Unknown
		2,952	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
		3,265	0. Permit
		2,398	1. Area, oversampled for blacks
		19,649	2. Area, not oversampled for blacks

179-181 FULL SAMPLE STRATUM IDENTIFIER

182	Master Record		REGION
		4,947	1. Northeast
		6,215	2. Midwest
		8,686	3. South
		5,464	4. West

183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		10,926	1. 1,000,000 or more
		7,105	2. 250,000 - 999,999
		1,513	3. 100,000 - 249,999
		322	4. Under 100,000
		5,446	Blank. Non-MSA

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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184 BLANK

185	Master Record		TYPE OF PSU
		14,106	1. MSA - Self-representing

5,760	3. MSA - Nonselself-representing
0	4. Non-MSA - Self-representing
5,446	6. Non-MSA - Nonselself-representing

186	Recode		MSA - NON-MSA RESIDENCE
		8,289	1. MSA - Central City
		11,577	2. MSA - Not Central City
		5,239	3. Non-MSA - Nonfarm
		207	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
---------	---

	FINAL BASIC WEIGHT
201-209	QUARTER
210-218	SEMI-ANNUAL (WT/2)
219-227	ANNUAL (WT/4)

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NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

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

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

1NOTES:

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NHIS PUBLIC USE TAPE RECORDS
 Outline of Items and Codes
 Number of Records = 12,524
 HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-	12,524	RECORD TYPE 50. Hospital Record
3-4	-	12,524	PROCESSING YEAR 90. 1990
5	-	2,846 3,221 3,281 3,176	PROCESSING QUARTER 1. Quarter 1 2. Quarter 2 3. Quarter 3 4. Quarter 4
6-8	HH-5		RANDOM RECODE OF PSU NUMBER
9-10	HH-5		WEEK - CENSUS CODE* 01, 21, 41, 61, 81 ... Week 01 02, 22, 42, 62, 82 ... Week 02 03, 23, 43, 63, 83 ... Week 03 04, 24, 44, 64, 84 ... Week 04 05, 25, 45, 65, 85 ... Week 05 06, 26, 46, 66, 86 ... Week 06 07, 27, 47, 67, 87 ... Week 07

08, 28, 48, 68, 88 ... Week 08
 09, 29, 49, 69, 89 ... Week 09
 10, 30, 50, 70, 90 ... Week 10
 11, 31, 51, 71, 91 ... Week 11
 12, 32, 52, 72, 92 ... Week 12
 13, 33, 53, 73, 93 ... Week 13

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

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NHIS PUBLIC USE TAPE RECORDS
 HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
11-12	HH-5		SEGMENT NUMBER Week plus Segment Number identifies the segment
13-14	HH-5		HOUSEHOLD NUMBER Numbered within PSU-Week-Segment
15-16	-		PERSON NUMBER
17-18	-		HOSPITAL SERIAL NUMBER 01-99. Serial Number
19-20	HH-5		PROCESSING WEEK CODE (Numbered within Quarter)
		694	01. Week 01
		960	02. Week 02
		986	03. Week 03
		946	04. Week 04
		1,167	05. Week 05
		1,004	06. Week 06
		950	07. Week 07
		962	08. Week 08
		918	09. Week 09
		1,003	10. Week 10
		941	11. Week 11

1,005	12. Week 12
988	13. Week 13

21		LATE INTERVIEW (OR LAST ATTEMPT) FLAG
	8,609	0. Interview not late
	3,220	1. One week late
	507	2. Two weeks late
	188	3. Unknown

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		117	00. Housing unit; kind unknown
		11,565	01. House, apartment, flat
		8	02. HU in nontransient hotel, motel, etc.
		0	03. HU-permanent in transient hotel, motel, etc.
		10	04. HU in rooming house
		629	05. Mobile home or trailer with no permanent room added
		138	06. Mobile home or trailer with one or more permanent rooms added
		7	07. HU not specified above
			Other Unit = (08-13)
		13	08. Quarters not HU in rooming or boarding house
		0	09. Unit not permanent in transient hotel, motel, etc.
		1	10. Unoccupied site for mobile home, trailer, or tent
		16	11. Student quarters in college dormitory
		20	12. Other unit not specified above
		0	13. Other unit; kind unknown
24	HH-11		HAS TELEPHONE
		11,253	1. Yes, phone number given
		271	2. Yes, no phone number given

950 3. No
50 4. Unknown

25	A-1		SEX
		4,900	1. Male
		7,624	2. Female

26	-		BLANK
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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
		284	00. Under 1 year
		12,229	01-98. Number of years
		11	99. 99+ years of age

29	Recode		AGE RECODE #1
		713	1. Under 5 years
		760	2. 5-17 years
		1,218	3. 18-24 years
		3,623	4. 25-44 years
		2,812	5. 45-64 years
		947	6. 65-69 years
		852	7. 70-74 years
		1,599	8. 75 years and over

30	Recode		AGE RECODE #2
		766	1. Under 6 years
		597	2. 6-16 years
		1,328	3. 17-24 years
		2,116	4. 25-34 years
		1,507	5. 35-44 years
		1,244	6. 45-54 years
		1,568	7. 55-64 years
		1,799	8. 65-74 years
		1,599	9. 75 years and over

31-32	Recode		AGE RECODE #3
		577	00-35. Months
		11,947	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
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34-39	A-3		MONTH AND YEAR OF BIRTH
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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
1900-1991.	1900-1991
9999.	DK or refused

40-41			BLANK
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42	L-3		MAIN RACIAL BACKGROUND - Reported (See notation for locations 43-45)
		117	1. Aleut, Eskimo, or American Indian
		140	2. Asian/Pacific Islander
		2,108	3. Black
		9,949	4. White
		122	5. Other
		7	6. Multiple race
		81	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	Persons whose Main Racial Background (location 42) was "other" or "unknown" were classified in the following recodes by using the racial background observed by the interviewer. Use these recodes is recommended for estimating statistics for the groups shown here.
		10,151	1. White	
		2,112	2. Black	
		261	3. Other	
44			RECODE 2	
		10,151	1. White	
		2,373	2. Non-white	
45			RECODE 3	
		2,112	1. Black	
		10,412	2. Non-black	
46-47	L-4		HISPANIC ORIGIN	
		13	00. Multiple Hispanic	
		152	01. Puerto Rican	
		46	02. Cuban	
		222	03. Mexican-Mexicano	
		239	04. Mexican-American	
		16	05. Chicano	
		90	06. Other Latin American	
		108	07. Other Spanish	
		28	08. Spanish, DK type	
		105	09. Unknown if Spanish origin	
		11,505	10. Not Spanish origin	
48	L-7		MARITAL STATUS	
		1,147	0. Under 14 years	
		6,949	1. Married - spouse in household	
		117	2. Married - spouse not in household	
		1,526	3. Widowed	
		863	4. Divorced	
		350	5. Separated	
		1,526	6. Never married	
		46	7. Unknown	

HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
49	L-1		VETERAN STATUS
		8,973	1. Non-veteran
		13	2. WW I
		936	3. WW II
		323	4. Korean War
		345	5. Vietnam veteran
		88	6. Post-Vietnam
		197	7. Other service
		24	8. Served in Armed Forces, unknown if war veteran
		152	9. Unknown if served in Armed Forces
		1,473	Blank. Under 18 years of age
50	L-1		ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES
		8,973	0. Non-veteran
		81	1. All service in Guard/Reserve
		300	2. Some service in Guard/Reserve
		3	3. Unknown if all service in Guard/Reserve
		1,446	4. No active service in Guard/Reserve
		248	5. Unknown if ever active member in Guard/Reserve or if served in Armed Forces
		1,473	Blank. Under 18 years of age
51-52	L-2		EDUCATION OF INDIVIDUAL - COMPLETED YEARS
		218	00. Never attended; kindergarten only
		8,160	01-12. Grades 1-12
			College:
		648	13. 1 year
		843	14. 2 years
		348	15. 3 years
		857	16. 4 years
		159	17. 5 years
		410	18. 6 years or more
		168	19. Unknown
		713	Blank. Under 5 years of age

Tape Locations	Item No.	Frequency	Items and Codes
53	Recode		EDUCATION OF INDIVIDUAL RECODE
		218	0. None; kindergarten only
		2,142	1. 1-8 years (elementary)
		1,980	2. 9-11 years (high school)
		4,038	3. 12 years (high school graduate)
		1,839	4. 1-3 years (college)
		857	5. 4 years (college graduate)
		569	6. 5+ years (post-college)
		168	7. Unknown
		713	Blank. Under 5 years of age
54-55	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER (Detail)
		38	00. Never attended; kindergarten only
		7,378	01-12. Grades 1-12
			College:
		821	13. 1 year
		1,239	14. 2 years
		511	15. 3 years
		1,339	16. 4 years
		284	17. 5 years
		827	18. 6 years or more
		87	19. Unknown
56	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER RECODE
		38	0. None; kindergarten only
		1,102	1. 1-8 years (elementary)
		1,620	2. 9-11 years (high school)
		4,656	3. 12 years (high school graduate)
		2,571	4. 1-3 years (college)
		1,339	5. 4 years (college graduate)
		1,111	6. 5+ years (post-college)
		87	7. Unknown
1			- 109 -
			NHIS PUBLIC USE TAPE RECORDS HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
57	L-8		FAMILY INCOME \$20,000 OR MORE
		5,831	1. Less than \$20,000
		6,336	2. \$20,000 or more
		357	3. Unknown

Tape Locations	Item No.	Frequency	Items and Codes
58-59	L-8		FAMILY INCOME
		79	00. Less than \$1,000
		97	01. \$ 1,000 - \$ 1,999
		105	02. 2,000 - 2,999
		155	03. 3,000 - 3,999
		292	04. 4,000 - 4,999
		255	05. 5,000 - 5,999
		312	06. 6,000 - 6,999
		253	07. 7,000 - 7,999
		243	08. 8,000 - 8,999
		278	09. 9,000 - 9,999
		318	10. 10,000 - 10,999
		242	11. 11,000 - 11,999
		354	12. 12,000 - 12,999
		239	13. 13,000 - 13,999
		191	14. 14,000 - 14,999
		294	15. 15,000 - 15,999
		209	16. 16,000 - 16,999
		235	17. 17,000 - 17,999
		259	18. 18,000 - 18,999
		318	19. 19,000 - 19,999
		872	20. 20,000 - 24,999
		818	21. 25,000 - 29,999
		737	22. 30,000 - 34,999
		575	23. 35,000 - 39,999
		480	24. 40,000 - 44,999
		418	25. 45,000 - 49,999
		1,658	26. \$50,000 and over
		2,238	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
		728	0. Under \$5,000
		567	1. \$ 5,000 - \$ 6,999
		774	2. 7,000 - 9,999

1,344	3.	10,000 - 14,999
1,315	4.	15,000 - 19,999
872	5.	20,000 - 24,999
1,555	6.	25,000 - 34,999
1,473	7.	35,000 - 49,999
1,658	8.	\$50,000 or more
2,238	9.	Unknown

61	Generated	NHIS POVERTY INDEX*
		9,166 1. Above poverty threshold
		1,893 2. Below poverty threshold
		1,465 3. Unknown

62-63		FAMILY RELATIONSHIP
62	A-2	TYPE OF FAMILY
		1,829 &. Primary individual
		84 -. Secondary individual
		10,591 0. Primary family
		20 1-9. Secondary family
63	A-2	RELATIONSHIP TO REFERENCE PERSON
		1,775 &. Reference person, living alone
		4,500 0. Reference person, 2+ persons in household
		3,521 1. Spouse, other spouse NOT in Armed Forces and living at home
		65 2. Spouse, other spouse IN Armed Forces and living at home
		1,939 3. Child of reference person or spouse
		172 4. Grandchild of reference person or spouse
		285 5. Parent of reference person or spouse
		266 6. Other relative
		1 7. Child of ineligible reference person
		0 9. DK or refused

*Based on family size, number of children under 18 years of age & family income using the 1989 poverty levels derived from the August, 1990 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
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1,775	1. Living alone
138	2. Living only with non-relative
6,940	3. Living with spouse
3,671	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. Both parents, no other relative
		2. Mother only
		3. Father only
		4. Both parents and other 21+ year old adult relative
		5. Mother and other 21+ year old adult relative
		6. Father and other 21+ year old adult relative
		7. No parent, but one 21+ year old relative
		8. No parent, but two or more 21+ year old adult relatives
		9. Unknown
		0. Other
		Blank. Not applicable (25+ years old or married)

adult

ever

*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
69	B-1 B-8		MAJOR ACTIVITY (18+ years old)
		4,097	1. Working
		3,196	2. Keeping house
		310	3. Going to school

3,333	4. Something else
115	5. Unknown
1,473	Blank. Not applicable (Under 18 years)

70	G-4		HEALTH STATUS
		2,191	1. Excellent
		2,411	2. Very Good
		3,419	3. Good
		2,303	4. Fair
		2,159	5. Poor
		41	6. Unknown

71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
		2,827	1. Unable to perform major activity
activity		1,631	2. Limited in kind/amount major
		1,097	3. Limited in other activities
		6,969	4. Not limited (includes unknowns)

72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		2,326	1. Unable to work
		711	2. Limited in kind/amount of work
		592	3. Limited in other activities.
		4,971	4. Not limited (includes unknowns)
		3,924	Blank. Not applicable (under 18 years; 70+ years)

73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		48	1. Unable to attend school
		94	2. Attends special school/classes
		12	3. Needs special school/classes
		30	4. Limited in school attendance
		34	5. Limited in other activities
		542	6. Not limited (includes unknowns)
		11,764	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		506	1. Unable to perform personal care
		671	2. Limited in performing other routine needs
or		3,221	3. Not limited in performing personal routine needs
		19	4. Unkown
		8,107	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		3,744	1. Worked in past 2 weeks
		442	2. Did not work, has job; not on lay-off and not looking for work
		4	3. Did not work, has job; looking for work
			Unemployed: (4-7)
		30	4. Did not work, has job; on lay-off
and		8	5. Did not work, has job; on lay-off looking for work
		98	6. Did not work, has job; unknown if looking or on lay-off
for		232	7. Did not work, has no job; looking work or on lay-off
			Not in Labor Force (18+ years): (8)
		6,493	8. Not in Labor Force (18+ years)
		1,473	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
HOSPITAL RECORD

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

6,493	0.	Not in labor force
3,194	1.	Private company
152	2.	Federal Government employee
190	3.	State Government employee
415	4.	Local Government employee
117	5.	Incorporated business
359	6.	Self-employed
13	7.	Without pay
6	8.	Never worked
112	9.	Unknown
1,473	Blank.	Under 18

77-79	L-6	INDUSTRY DETAIL CODE
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4,558	010-996.	Code number
7,966	Blank.	Not applicable

80-81	Recode	INDUSTRY RECODE 1
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SEE APPENDIX B

82-83	Recode	INDUSTRY RECODE 2
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SEE APPENDIX B

84-86	L-6	OCCUPATION DETAIL CODE
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4,558	003-999.	Code number
7,966	Blank.	Not applicable

87-88	Recode	OCCUPATION RECODE 1
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SEE APPENDIX C

89-90	Recode	OCCUPATION RECODE 2
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SEE APPENDIX C

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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91	L-R		RESPONDENT
		1,363	0. Under 17

7,875	1. Self-entirely
721	2. Self-partly
2,474	3. Proxy
91	4. Unknown

92	Recode	CONDITION LIST ASSIGNED AND ASKED
		1. Condition List 1, Skin and Musculoskeletal
2,115		2. Condition List 2, Impairments
1,998		3. Condition List 3, Digestive
2,029		4. Condition List 4, Miscellaneous
2,153		5. Condition List 5, Circulatory
2,078		6. Condition List 6, Respiratory
2,092		7. Unknown
59		

93-94	Recode	HOSPITAL EPISODE NUMBER FOR SHORT-STAY HOSPITALS IN PAST YEAR
		01+. Number
12,303		Blank. Long-stay hospitals
221		

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
95-96	J-6		TYPE OF SERVICE
		11,520	01. General
		69	02. Psychiatric
		0	03. Tuberculosis
		32	04. Maternity
		12	06. Ear, Eye, Nose and Throat
		179	07. Children's
		6	08. Orthopedic
		0	09. Contagious Disease
		0	10. Chronic Disease
		2	11. Hospital department of institution
		74	12. All other
		0	89. In index, unknown type
		145	90. DK (entry of DK for hospital name and Not Reported, less than 31 nights in hospital)
		26	92. DK (entry of DK for hospital name and Not Reported - 31 or more nights in hospital)
		30	93. Hospitalized in Foreign Country,

	not in index
0	94. Nursing personal, and domiciliary care homes
16	95. Nursing home, assumed from title
14	98. Osteopathic
399	99. Not identified as a hospital, not in index

97	Recode	RECODE FOR TYPE OF SERVICE
	12,303	1. Short-stay hospitals (Codes 01, 04, 06, 07, 11, 89, 90, 98, 99)
	191	2. Long-stay hospitals (Codes 02, 03, 08, 09, 10, 12, 92, 94, 95)
	30	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
		327	12. State
		480	13. County
		265	14. City
		25	15. City-county
		663	16. Hospital district
			2. Nonprofit
		2,180	21. Church operated or related
		6,459	23. Other nonprofit
		0	24. Nonprofit, N.O.S.
			3. Proprietary
		5	31. Individual
		58	32. Partnership
		1,124	33. Corporation (profit)
		0	34. Proprietary, N.O.S.
			4. Government, Federal
		33	41. Air Force
		43	51. Army
		26	61. Navy
		0	62. Department of Defense, N.O.S.
		15	71. Public Health Service
		191	81. Veterans Administration
		0	91. Other Federal

		5. All other
	0	89. In index, unknown type
	145	90. DK (entry of DK for hospital name and Not Reported, less than 31 nights in hospital)
	26	92. DK (entry of DK for hospital name and Not Reported - 31 or more nights in hospital)
Country,	30	93. Hospitalized in Foreign
		not in index
title	16	95. Nursing home, assumed from
	14	98. Osteopathic
	399	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
		1,065	01. January
		980	02. February
		1,037	03. March
		1,049	04. April
		1,052	05. May
		1,048	06. June
		1,078	07. July
		1,002	08. August
		982	09. September
		1,122	10. October
		1,075	11. November
		1,034	12. December
102-103			DAY OF MONTH
			01-31. Day of month
104-105			YEAR
		0	86. 1986
		1	87. 1987
		5	88. 1988
		5,719	89. 1989
		6,795	90. 1990
		4	91. 1991

106-109	Derived		NUMERICAL VALUE OF DATE OF ADMISSION 0001-1839. Date Values
110	Derived		ADMISSION RECODE
		525	1. Admission in past 2 weeks
		11,682	2. Admission 2 weeks to a year ago
		317	3. Admission prior to past 12 months
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NHIS PUBLIC USE TAPE RECORDS HOSPITAL RECORD			
Tape Locations	Item No.	Frequency	Items and Codes
111-114	Derived		NUMERICAL VALUE FOR DATE OF INTERVIEW
		12,524	1468-1839. Values
		0	9999. Unknown
115-118	Derived		DERIVED DATE OF DISCHARGE
		12,524	0002-1839. 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
		74	Blank. Negative value
		12,450	000-364. Value

127	Recode		J - RECODE
		74	0. Still in hospital
		675	1. Discharges past 2 weeks (000-013)
		6,125	2. Discharges in 2 weeks to 6 months (014-181)
		5,650	3. Discharges in 6-12 months (182-364)

128-131 J-3 TOTAL NIGHTS IN HOSPITAL
0001-1839. 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)*
		6,679	1. Yes
		5,845	2. No

133	J-5		OPERATION PERFORMED DURING STAY
		6,278	1. Yes
		6,062	2. No
		184	3. Unknown

134-139 J-5 OPERATION CODES (See Appendix E)

134-135			OPERATION NUMBER 1
		6,278	00-99.
		6,246	Blank.

136-137			OPERATION NUMBER 2
		572	00-99.
		11,952	Blank.

138-139			OPERATION NUMBER 3
		67	00-99.
		12,457	Blank.

140-144

BLANK

145 Recode

HOSPITALIZATION FOR DELIVERY (Based on
Operation Codes, Appendix E and reason
entered hospital)

1,729
10,795

1. Yes, delivery
2. No

*Use weight field 210-218 for annual estimate.
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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

BLANK

178 Master
Record

TYPE OF SUBSTRATUM

1,288
1,473
9,763

0. Permit
1. Area, oversampled for blacks
2. Area, not oversampled for blacks

179-181 -

FULL SAMPLE STRATUM IDENTIFIER

182 Master
Record

REGION

2,481
3,218
4,707
2,118

1. Northeast
2. Midwest
3. South
4. West

183 Master
Record

GEOGRAPHIC DISTRIBUTION

MSA Size

4,960
3,240
775

1. 1,000,000 or more
2. 250,000 - 999,999
3. 100,000 - 249,999

187 4. Under 100,000
3,362 Blank. Non-MSA

184 BLANK

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
185	Master Record		TYPE OF PSU
		6,385	1. MSA - Self-representing
		2,777	3. MSA - Nonself-representing
		0	4. Non-MSA - Self-representing
		3,362	6. Non-MSA - Nonself-representing

186	Recode		MSA - NON-MSA RESIDENCE
		3,972	1. MSA - Central City
		5,190	2. MSA - Not Central City
		3,206	3. Non-MSA - Nonfarm
		156	4. Non-MSA - Farm

187-189 PSEUDO PSU CODES

190-200 CHRONIC CONDITION PREVALENCE AND INCIDENCE FACTOR (XX.XXXXXXXXXX) - character format with implied decimal

FINAL BASIC WEIGHT

201-209 QUARTER

210-218* SEMI-ANNUAL (WT/2)

219-227 ANNUAL (WT/4)

6.5 WEIGHT

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

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NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

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

1NOTES:

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

1NOTES:

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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.

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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		
5619	Eye conditions	360. ,0,3,5,6,8,9, 363. ,0-2,6-9, 364. ,0-6,8,9 368. ,0,2-4,8,9, 370. ,0,4-6,8,9, 371. ,0-2,4-9, 372. ,4,5,8,9, 373. ,0,2,8,9, 374, 375, 376. ,0,1,3,5,6,8,9, 378. ,0-6,8,9, 379. ,0,1,3,4,8,9
5620	Acute Ear Infections	380.1, 381, 382,

		383. ,0-2,9, 384.0, 386.3
5621	Other Ear Conditions	380. ,0,2-9, 383.3,8, 384. ,2,8,9, 385, 386. ,0-2,4-9, 387, 388. ,0,1,3-9
5722	Acute Urinary Tract Infections	580, 581, 590, 595. ,0-3,8,9, 597, 598.0, 599.0
5723	Other Urinary Conditions	582-589, 591, 593, 596, 598. ,1-9, 599. ,1-9
5724	Disorders of Menstruation	625.3,4, 626. ,0-6,8,9
5725	Other Disorders of Female Genital Tract	614-624, 625. ,0-2,5-9, 626.7, 628. ,0,2-9, 629
5726	Delivery and Other Conditions of Pregnancy and Puerperium	630-676
5827	Skin Conditions	680-684, 686, 690, 691, 693, (693.2 NHIS code), 694-698, 700-705, 706. ,0,1,3,8,9, 707-709

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Revised April 30, 1983

National Health Interview Survey
Acute Condition Recode A

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

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

**NHIS codes tension headache to 784.0

1NOTES:

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National Health Interview Survey

DIAGNOSTIC RECODE B

Diseases, Injuries and Impairments

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

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

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

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

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

1NOTES:

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National Health Interview Survey

Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
01		Intestinal Infectious Diseases	001-009.0,2
	010	Cholera	001
	011	Typhoid fever	002.0

	012	Shigellosis	004
	013	Food poisoning	003, 005
	014	Amoebiasis	006
	015	Intestinal infections due to other specified organism	007, 008
	016	Ill-defined intestinal infections	009.0,2
	019	Residual	002.1-3,9
02		Tuberculosis	010-018, 019-A
	020	Pulmonary tuberculosis	011
	021	Other respiratory tuberculosis	010, 012
	022	Tuberculosis of meninges and central nervous system	013
	023	Tuberculosis of intestines peritoneum and mesenteric glands	014
	024	Tuberculosis of bones and joints	015
	025	Tuberculosis of genitourinary system	016
1	029	Residual	017, 018, 019-A

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
03		Other Bacterial Diseases	020-027, 030-041
	030	Plague	020
	031	Brucellosis	023
	032	Leprosy	030
	033	Diphtheria	032
	034	Whooping cough	033
	035	Streptococcal sore throat, scarlatina and erysipelas	034, 035
	036	Meningococcal infection	036
	037	Tetanus	037
	038	Septicaemia	038

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

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
05		Rickettsiosis and Other Arthropod- borne Diseases	080-088
	050	Louse-borne typhus	080
	051	Other rickettsiosis	081-083
	052	Malaria	084
	053	Leishmaniasis	085
	054	Trypanosomiasis	086
	059	Residual	087, 088
06		Venereal Diseases	090-099
	060	Syphilis	090-097
	061	Gonococcal infections	098
	069	Residual	099
07		Other Infectious and Parasitic	100-104, 110-112,

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

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
08		Malignant Neoplasm of Lip, Oral Cavity and Pharynx	140-149
	080	Malignant neoplasm of lip, oral cavity and pharynx	140-149
09		Malignant of Neoplasm of Digestive Organs and Peritoneum	150-159
	090	Malignant neoplasm of oesophagus	150
	091	Malignant neoplasm of stomach	151
	092	Malignant neoplasm or small intestine, including duodenum	152
	093	Malignant neoplasm of colon	153
	094	Malignant neoplasm of rectum, rectosigmoid junction and anus	154
	095	Malignant neoplasm of liver, specified as primary	155.0
	096	Malignant neoplasm of pancreas	157
	099	Residual	155.1,2, 156, 158, 159
10		Malignant Neoplasm of Respiratory and Inthrathoracic Organs	160-165

	100	Malignant neoplasm of larynx	161
	101	Malignant neoplasm of trachea, brochus and lung	162
1	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
1		139	Residual	190, 192-199

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National Health Interview Survey
Diagnostic Recode B

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

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National Health Interview Survey
Diagnostic Recode B

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

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
22		Disease of the Nervous System	320, 322-325, 330, 331.0-2,8,9, 332-337, 340, 341, 344.1, 345-352, 353.0-4,6,8,9, 354-359, X40, X41.1-

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

*Excludes .0

***Includes all 4th digits except .9

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
23		Disorders of the Eye and Adnexa	360-368, 370-379, X00*, (X01, X02, X04)*
	230	Glaucoma	365
	231	Cataract	366
	232	Blindness and low vision	X00*
	233	Conjunctivitis	372.0-3
	234	Disorders of lacrimal system	375
	235	Strabismus and other disorders of binocular eye movements	378
	239	Residual	360-364, 367, 368, 370, 371, 372.4-9, 373, 374, 376, 377,

			379, (X01, X02, X04)*
24	Disease of the Ear and Mastoid Process		380-387, 388.0,1,3-9, (X05, X08)*, (X06, X07, X09)*
	240	Otitis media and mastoiditis	381-383
	241	Deafness	(X05, X08)*
	249	Residual	380, 384-387, 388.0.1,3-9, X06, X07, X09)*
25	Rheumatic Fever and Rheumatic Heart Disease		390, 392-398, 399-A
	250	Acute rheumatic fever	390, 392
	251	Chronic rheumatic heart disease	393-398
	259	Residual	399-A

*Excludes .0

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
26		Hypertensive Disease	401-405
	260	Hypertensive heart disease	402, 404
	269	Residual	401, 403, 405
27		Ischaemic Heart Disease	413, 414
	271	Ischaemic heart disease	413, 414
28		Disease of Pulmonary Circulation and Other Forms of Heart Disease	415-417, 420-428, 429.0-5,8,9
	280	Pulmonary embolism	415.1
	281	Cardiac dysrhythmias	427
	289	Residual	415.0, 416, 417, 420-426, 428, 429.0-5,8,9
29		Cerebrovascular Disease	430-435, 437, X50***
	290	Subarachnoid haemorrhage	430

291	Intracerebral and other intracranial haemorrhage	431, 432
292	Cerebral infarction	433, 434
294	Cerebral atherosclerosis	437.0
299	Residual	435, 437.1-6,8,9, X50***

***Includes all 4th digits except .9
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National Health Interview Survey
Diagnostic Recode B

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

1 319 Residual 475-478, 477.7-A
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National Health Interview Survey
 Diagnostic Recode B

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

***Includes all 4th digits except .9

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National Health Interview Survey
 Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
34		Diseases of Other Parts of the	530-537, 540-543,

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

***Includes all 4th digits except .9

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
36		Disease of Male Genital Organs	600-608
	360	Hyperplasia of prostate	600
	361	Hydrocele	603
	362	Redundant prepuce and phimosis	605

	363	Infertility, male	606
608	369	Residual	601, 602, 604, 607,
37		Diseases of Female Genital Organs	610, 611, 614-629, X32***
	370	Diseases of breast	610, 611, X32***
	371	Salpingitis and oophoritis	614.0-2
	372	Inflammatory diseases of pelvic cellular tissue and peritoneum	614.3-9
	373	Inflammatory diseases of uterus, vagina and vulva	615, 616
	374	Uterovaginal prolapse	618
	375	Menstrual disorders	626.0-5
	376	Infertility, female	628
	379	Residual	617, 619-625, 626.6-9, 627, 629
38		Abortion	630-639
	380	Spontaneous abortion	634
	381	Legally induced abortion	635
	382	Illegally induced abortion	636
	389	Residual	630-633, 637-639

***Includes all 4th digits except .9

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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 Tissue	680-686, 690-693, 693.2-A, 694-698, 700-709
420	Infections of skin and subcutaneous tissue	680-686
429	Residual	690-693, 693.2-A, 694-698, 700-709

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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
43		Disease of the Musculoskeletal System and Connective Tissue	710-712, 714-727, 728.0,1,3,5,8,9, 729-733, 739, (X20-X29, X33-X35, X73-X78)***, (X70, X79, X90, X93)***, X80, X84-X86, X89
	430	Rheumatoid arthritis, except spine	714
	431	Other arthropathies	710-712, 715, 716
	432	Other disorders of joints	717-719
	433	Ankylosing spondylitis	720.0
	434	Other dorsopathies	720.1-724, X80
	435	Rheumatism, excluding the back	725-727, 728.0,1 3,5,8,9, 729, X86
	436	Osteomyelitis, periostitis and other infections involving bone	730
	437	Acquired deformities of limbs	(X20-X29, X33-X35, X73-X78)***

439 Residual 731-733, 739,
(X70, X79, X90,
X93)***,
X84, X85, X89

***Includes all 4th digits except .9
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National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
44		Congenital Anomalies	742.2,4,5,8,9, 744.4, 745-748, 750.2-9, 751, 752, 753.1-9, 754.0,1, 756.4-9, 757, 758.1-9, 759.0- 6,8, (X20-X29, X33- X35, X70, X73, X74, X76-X78, X93)**, X71.9, X75.9, (X30-X32, X79, X90)**
	440	Spina bifida and hydrocephalus	X71.9
	441	Other deformities of central nervous system	742.2,4,5,8,9
	442	Congenital anomalies of heart and circulatory system	745-747
	443	Cleft palate and cleft lip	749, X91.9
	444	Other deformities of digestive system	750.2-9, 751
	445	Undescended testicle	752.5
	446	Congenital dislocation of hip	X75.9
	447	Other congenital anomalies of musculoskeletal system	(X20-X29, X33-X35, X70, X73, X74, X76-X78, X93)**, 754.0,1, 756.4-9
	449	Residual	744.4, 748, 752.0-4, 6-9, 753.1-9, 757, 758.1-9, 759.0-6,8, (X30-X32, X79, X90)**

**Includes 4th digit .9 only.

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- 7,9, 782, 783.0,2-6,9, 784.4-6,9, 786, 787, 788.1,3,4-9, 789.1- 790-796, 799.0,2- 799.5-A, X11, X12

4,6,

5,9,

4,8,9,

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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.

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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	905.0-5, 906, 907, 908.0-5,9, 909.2,4

	other external causes	
57	Present Effects of Injuries, NEC	X01.0, X02.0, X04.0, X06.0, X07.0, X09.0
	570 Present effects of injuries, NEC	X01.0, X02.0, X04.0, X06.0, X07.0, X09.0
99	Residual, All Other Conditions	All other not listed codes
	990 Residual, all other conditions	All other not listed codes

1NOTES:

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National Health Interview Survey

DIAGNOSTIC RECODE C

Chronic Conditions and Impairments

- I. Purpose - Recode C consists of 134 3-digit categories of chronic conditions and impairments. The categories correspond to the conditions that appear on the six (6) NHIS check-lists of selected chronic conditions. These categories are used by NHIS to produce prevalence estimates of selected chronic conditions.
- II. Format and Content - The first digit of this 3-digit recode identifies the specific chronic condition check-list number, i.e., 1-6, that corresponds to the number of the list used on the NHIS questionnaire. The second and third digits are numbered sequentially within each of the 6 lists. Each condition group contains between 15 and 43 2-digit categories.
- III. Definition of Chronic Condition and Impairment - In most cases, a chronic condition or an impairment is any departure from normal health with onset more than 3 months from date of interview. Certain chronic conditions and impairments are classified as chronic, however, regardless of date of onset. Complications of pregnancy are always classified as acute. All chronic conditions and impairments are counted whether or not they necessitated activity restriction or medical care. Impairments coded with an "X" in the first digit are, by definition, chronic.

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

1NOTES:

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Revised April 30, 1983

National Health Interview Survey

Chronic Condition Recode C

Recode Number	Title	ICD Inclusion as modified by the NHIS
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LIST I: SELECTED SKIN AND MUSCULOSKELETAL
CONDITIONS

101	Arthritis	711. ,0,9, 712. ,8,9, 714-716, 720.0, 721
102	Rheumatism, unspecified	729.0
103	Gout, including gouty arthritis	274
104	Sciatica (including lumbago)	724.2,3
105	Intervertebral disc disorders	722
106	Bone spur/tendinitis NOS	726. ,9
107	Disorders of bone or cartilage	730. ,0-3,9, 731. ,0,2, 732, 733
108	Bunion	727.1
109	Bursitis, NEC	726.0-8, 727. ,0,2-9
110	Sebaceous skin cyst	706.2
111	Acne	706.0,1
112	Psoriasis	696
113	Dermatitis	690-694 (693.2 NHIS code)
114	Dry (itching) skin NEC	698.9
115	Chronic ulcer of skin	707
116	Ingrown nails	703.0
117	Corns and calluses	700
118	Benign neoplasms of the skin	216
119	Malignant neoplasms of the skin	172, 173
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Revised April 30, 1983

National Health Interview Survey
Chronic Condition Recode C

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

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
------------------	-------	--

LIST IV: SELECTED CONDITIONS OF THE
GENITOURINARY, NERVOUS, ENDOCRINE,
METABOLIC AND BLOOD AND BLOOD FORMING SYSTEMS

401	Goiter	240, 241, 242.0-3
402	Other disorders of the thyroid	242.4,8,9, 243-246
403	Diabetes	250
404	Anemias	280-285
405	Epilepsy	345
406	Migraine headache	346
407	Other headache (excludes tension headache)	784.0
408	Neuralgia or neuritis, unspecified	729.2
409	Kidney stones	592
410	Kidney infections	590
411	Other kidney trouble, NEC	581-583, 593
412	Bladder infections	595. ,0-3,8,9
413	Other disorders of bladder	594.1, 596
414	Diseases of prostate	600-602 (ex 601.4)
415	Multiple sclerosis	340
416	Inflammatory disease of female genital organs	614-616
417	Non-Inflammatory disease of female genital organs	620-624

418 Menstrual disorders 626
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Revised May 1, 1983

National Health Interview Survey
 Chronic Condition Recode C

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

419	Other disorders of female genital organs	617-619, 625, 627, 628., 0,2-9, 629.0,1,8
420	Female trouble, NOS	629. ,9
421	Malignant neoplasm of breast - female	174
422	Malignant neoplasms of female genital organs	179-184
423	Malignant neoplasm of prostate	185
424	Benign neoplasm of breast - female	217
425	Benign neoplasms of female genital organs	218-221
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Revised April 30, 1983

National Health Interview Survey
 Chronic Condition Recode C

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

LIST V: SELECTED CIRCULATORY CONDITIONS

501	Rheumatic fever with or without heart disease	390, 392-398, 399 (NHIS code only)
502	Ischemic heart disease	413, 414 (NHIS includes 410-412 and 429.6 in 414)
	Heart rhythm disorders	
503	Tachycardia or rapid heart	427.0-3, 785.0
504	Heart murmurs	785.2
505	Other and unspecified heart	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 - 1990

TABULATION SPECIFICATIONS AND WEIGHTING

INTRODUCTION

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

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

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

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

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

to the annual volume of hospital discharges would be 1,500 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).

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

A table summarizing these tape locations and their uses follows:

SUMMARY OF WEIGHTS IN THE 1990 NHIS PERSON RECORD

Tape location	Name of Weight Field	Notes:
190-200 weight	CHRONIC CONDITION PREVALENCE AND INCIDENCE FACTOR	Multiply by final basic to obtain prevalence of chronic conditions
	FINAL BASIC WEIGHT	
201-209	QUARTER	Use one quarter of data
210-218	SEMI-ANNUAL	Use two quarters of data
219-227	ANNUAL	Use entire data file
228-236	6.5 WEIGHT Content of field is 6.5 times the Quarter Weight.	Use for event data with 2-week recall period
237-245	ESTIMATED RESTRICTED ACTIVITY DAYES (BASED ON TWO-WEEK RECALL) Content of field is number of restricted activity days times 6.5 Weight.	Use one quarter to produce estimate for the quarter; use entire file to produce annual estimate. This field is already weighted.

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The accompanying instructions show procedures for deriving estimates from Health Interview Survey data tapes. The publication, "Current Estimates", for the year 1990 is used as a source for the examples.

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

1NOTES:

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TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
1-15	Incidence of Acute Conditions		
	Inclusions:		
	Condition records	1-2	30
	Acute	107	2
	Onset in 2 weeks	108	1
	Use:		
	Acute Condition Recode A	100-103	1001-5932
1-5	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 obtain a quarterly estimate. Annual estimate is the sum of 4 quarterly estimates.	228-236	
16-25	Restricted Activity Days Associated With Acute Conditions		
	Inclusions:		
	Condition records	1-2	30
	Acute	107	2
	Use:		

16-20	Acute Condition Recode A Denominator is population: see Table 78 specifications	100-103	1001-5932
	Weight:		
1	2 week restricted activity days - 172 -	237-245	

TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
26-35	Bed Days Associated with Acute Conditions		
	Inclusions:		
	Condition records	1-2	30
	Acute	107	2
	Use:		
26-30	Acute Condition Recode A Denominator is population: see Table 78 specifications	100-103	1001-5932
	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:		
1	2 week work-loss days - 173 -	255-263	

TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
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ANNUAL ESTIMATES

46-49	School-Loss Days Associated with Acute Conditions		
	Inclusions:		
	Condition records	1-2	30
	Acute	107	2
	Use:		
46-47	Acute Condition Recode A Denominator is population ages 5-17 see Table 78 specifications	100-103	1001-5932
	Weight:		
	2 week school-loss days	264-272	
50	Acute Conditions per Quarter		
	Use specifications for Tables 1-10 but also use processing quarter	5	1,2,3 or 4
51-52	Episodes of Persons Injured		
	Inclusions:		
	Condition records	1-2	30
	Onset in 2 weeks	108	1
	First injury	128	1
	and		
	Acute Condition Recode A (injuries)	100-103	4514-4518
	or		
	Impairments due to injury	93	X
		96	0
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TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
51-52	Episodes of Persons Injured - continued		
	Use:		
	Type/place of accident (all included records)		
	Moving motor vehicle involved (total)	134	1
	and	130	1-9
	(traffic)	134	1
	and	130	3
	(no)	134	2,4
	At work (yes)	131	1

	(no)	131	2
	Place of accident (home)	130	1-2
	(street)	130	3
	(industrial place)	130	5
	(other)	130	4,6-8
51	Denominator is population: (For person injured at work denominator is 18+ population)		
	see specifications for Table 78		
	Weight:		
	6.5 weight (2 week reference)	228-236	
53-54	Restricted Activity Days Associated with Persons Injured		
	Use:		
	Specifications for Tables 51-52 except weight for days, delete specification 108:1 and change specification so that 128:1,2		
	Weight:	237-245	
55-56	Bed Days Associated with Persons Injured		
	Use:		
	Specifications for Tables 51-52 except weight for days, delete specification 108:1 and change specifications so that 128:1		
	Weight:	246-254	
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TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
57-66	Prevalence of Selected Chronic Conditions		
	Inclusions:		
	Condition records	1-2	30
	Chronic	107	1
	Use:		
	Control on chronic condition list asked and use only Chronic Condition Recode C with location 104 equal to value in location 92	92 104-106	1,2,3,4,5 or 6
	Weight:		
	Chronic condition factor	190-200	

57-61	Multiplied by final basic weight Denominator is population: see specification for Table 78	219-227	
67-68	Limitation of Activity Due to Chronic Conditions		
	Inclusions:		
	Person records	1-2	20
	Use:		
	LA-1 Unable to perform major activity	71	1
	LA-2 Limited in kind/amount of major activity	71	2
	LA-3 Limited in other activity	71	3
	LA-4 Not Limited (includes unknowns)	71	4
	Weight:	219-227	
67	Denominator for percent distribution is population.		
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TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
69	Person Disability Days		
	Inclusions:		
	Person records	1-2	20
	Weight:		
	Restricted activity days	237-245	
	Bed days	246-254	
	School-loss days (ages 5-17)	264-272	
	Work-loss days (for currently employed)	255-263	
	Denominator for rates is appropriate population: see specifications for Table 78		
70	Respondent Assessed Health Status		
	Inclusions:		
	Person records	1-2	20
	Weight:	219-227	

71	Physician Contacts: Place and Rate		
	Inclusions:		
	Doctor Visit records	1-2	40
	Use:		
	Place of visit	103	1-8(9)
	Weight:		
	6.5 weight (2 week)	228-236	
	Denominator for rate columns are population: see specifications for Table 78		

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

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TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
	ANNUAL ESTIMATES		
72	Interval Since Physician Contact		
	Inclusions:		
	Person records	1-2	20
	Use:		
	Interval since doctor seen	115	0-4(5)
	NOTE: 5 years and over (includes never)	115	0,4
	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
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ANNUAL ESTIMATES

Weight:

75 Short stay hospital episode days 318-326
Denominator for rates is population with
appropriate number of episodes
(from Table 74)

77 Short Stay Hospital Discharges, Days,
Average Length of Stay (ALOS)
(6 month reference)

Inclusions:

Hospital Records 1-2 50
with 132 1

Use:

All specified records for hospitalizations
for all reasons

Hospitalizations for deliveries 145 1

Weight:

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

78 Population

Inclusions:

Person records 1-2 20

Use:

All records for total population
Currently employed population 75 1-3

Weight: 219-227

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APPENDIX A

11/14/85

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

11/14/85

CODES FOR TYPES OF SPECIAL PLACES (continued)

CODES

TYPES

II. OTHER SPECIAL PLACES

Other Special Places

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

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

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

71-----Hotels, transient-type

71-----Motels, transient-type

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

72-----Hotels, nontransient type

72-----Motels, nontransient type

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

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

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

75-----Private residential clubs

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

76-----Tourist homes definition.

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

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

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

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

Facilities for Housing Students

81-----School dormitory

81-----Fraternity

81-----Sorority

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APPENDIX A

11/14/85

CODES FOR TYPES OF SPECIAL PLACES (continued)

CODES

TYPES

II. OTHER SPECIAL PLACES

Facilities for Housing Students---continued

- 82-----School with resident students (other than for the needy or infirm and other than resident schools with separate codes 83 and 84----see below).*
- 83-----Schools with resident students and with predominantly non-salaried faculty such as nuns or priests.*
- 84-----Schools with resident students and operated primarily for religious training (other than those with predominantly non-salaried faculty) such as Bible Institutes.*

Facilities for Housing Workers

- 85-----Dormitory for workers (other than specified for codes 86, 87 and 88).
- 86-----Bunkhouse (provided that it has or is expected to have quarters for 5 or more farm or ranch hands).
- 87-----Labor camp
- 87-----Logging camp
- 88-----Migratory workers' camp (those that meet the special place definition).

Additional Other Places

- 91-----Convents and other sisters' residences (those that meet the special place definition).
- 91-----Monasteries, other brothers' residences, and rectories (those that meet the special place definition).
- 92-----Communes
- 93-----Halfway houses--when occupants live there on a voluntary basis (assign halfway houses for persons not there on a voluntary basis to the appropriate institutional code).
- 00-----Nurses' Homes
- 01-----Flophouses, railroad stations
- 01-----Missions, Salvation Army Shelters
- 02-----Recreational and religious camps (adults or family)
- 03-----Recreational and religious camps (children's)
- 04-----Trailer camps
- 05-----Tent camps
- 06-----Armed forces installations
- 07-----Armed forces hospitals

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

1NOTES:

1

B

Recodes

 No. 1 No. 2

Chrs. 80-81	Chrs. 82-83	Detail Code (Chrs. 77-79)	Industry Title	SIC Code*
01	01	010-011,020-021	AGRICULTURE	01-02,07,078
02	01	030-031	FORESTRY AND FISHERIES	08-09
10	02	040-042,050	MINING	10-14
20	03	060	CONSTRUCTION	15-17
(30-34, 40-46)	(04)	-	MANUFACTURING:	
(30-34)			NONDURABLE GOODS	
30	04	100-102,110-112, 120-122	Food and kindred products	201-209
31	04	132,140-142, 150-152	Textile mill and finished textile products	221-229,231-239
32	04	171-172	Printing, publishing and allied industries	271-279
33	04	180-182,190-192	Chemicals and allied products	281-287,289
34	04	130,160-162, 200-201,210-212, 220-222	Other nondurable goods	21,261-266,291,295, 299,301-304,306- 311,313-317,319

*Standard Industrial Classification
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APPENDIX

B

INDUSTRY RECODES OUTLINE

Recodes				
No. 1 Chrs. 80-81	No. 2 Chrs. 82-83	Detail Code (Chrs. 77-79)	Industry Title	SIC Code*
(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-
				3357,3361-
				3362,3369,
				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 gasoline stations	551-557,559
64	07	641	Eating and drinking places	58
65	07	580-582,590, 630-632,640,642, 650-652,660-662, 670-672,681-682, 691	Other and not specified retail trade	521,523,525-527,56, 571-573,591-593, 5941-5949,5961- 5963, 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.	Chrs.	Detail Code	Industry Title	SIC Code*
80-81	82-83	(Chrs. 77-79)		
(75-85)	(09-12)	-	SERVICES:	
(75-76)	(09)		BUSINESS AND REPAIR SERVICES	

75	09	721-722,730-732, 740-742,750	Business services	731-737,7391-7397, 7399,751,752,754
76	09	751-752,760	Repair services	753,762-764,7692, 7694,7699
(77-78)	(10)	-	PERSONAL SERVICES	
77	10	761	Private households	88
78	10	762,770-772, 780-782,790-791	Other personal services	701-704,721-726,729
79	11	800-802	ENTERTAINMENT AND RECREATION SERVICES	78,791-794,799
(80-85)	(12)	-	PROFESSIONAL AND RELATED SERVICES	
80	12	831	Hospitals	806
81	12	812,820-822,830, 832,840	Health services, except hospitals	801-803,8041-8042, 8049,805,807-809
82	12	842,850	Elementary and secondary schools and colleges	821-822
83	12	851-852,860	Other educational services	823-824,829
84	12	861-862,870-872, 880-881	Social services, religious and membership organizations	832-833,835-836, 839,84,861-866,869
85	12	841,882,890-892	Legal, engineering and other professional services	81,891-893,899

*Standard Industrial Classification

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APPENDIX

B

INDUSTRY RECODES OUTLINE

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

other codes
except 996

96	14	996	NEW WORKER
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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).
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98	16	942	ARMED FORCES (excludes Reserves and National Guard)
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*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 1912-1916,1919,
occupations 192,2032-2033,
2042,2049,211-
212

*Standard Occupational Classification.
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C APPENDIX
OCCUPATION RECODE OUTLINE

Recodes				

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

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APPENDIX

C

OCCUPATION RECODE OUTLINE

Recodes				

No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs.	Chrs.	(Chrs. 84-86)		
87-88	89-90			
22	06	403-407	PRIVATE HOUSEHOLD OCCUPATIONS	502-507,509
<hr/>				
(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
<hr/>				
(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
<hr/>				
(29-31)	(09)	-	FARMING, FORESTRY AND FISHING OCCUPATIONS	

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

584,8241(pt.)

*Standard Occupational Classification.

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APPENDIX

C

OCCUPATION RECODE OUTLINE

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

C

OCCUPATION RECODE OUTLINE

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

C

OCCUPATION RECODE OUTLINE

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

OCCUPATION RECODE TITLES

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

1NOTES:

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APPENDIX D

DESCRIPTION OF CLASS OF ACCIDENT CODE

The three-digit Class of Accident Code described in detail below classifies accidents as follows. Priority is given to Codes 400, 500, 600 in that order.

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

Moving Motor Vehicle

Accidents = Code 1 in first digit of recode

Nonmoving Motor Vehicle

Accidents = Code 2 in first digit of recode

Total Work Accidents = Code 1 in second digit of recode

Total Home Accidents = Code 1 in third digit of recode

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

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APPENDIX D

DESCRIPTION OF CLASS OF ACCIDENT CODE

Class of Accident Recode Loc. 135-137	Description	SOURCE - TAPE LOCATIONS			
		132 MV	134 MMV	130 Where?	131 Work?
211	Nonmoving motor vehicle - at work - at home	1	Not 1	1,2	1
212	Nonmoving motor vehicle - at work - not at home	1	Not 1	Not 1,2	1

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

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APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

OPERATION, TYPE UNKNOWN, SITE UNKNOWN

00 Operation, no site or type

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

OPERATIONS ON THE NERVOUS SYSTEM (01-05)

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

02 Other operations on skull, brain, and cerebral meninges

03 Operations on spinal cord and spinal canal structures

04 Operations on cranial and peripheral nerves

05 Operations on sympathetic nerves or ganglia

OPERATIONS ON THE ENDOCRINE SYSTEM (06-07)

06 Operations on thyroid and parathyroid glands

07 Operations on other endocrine glands

OPERATIONS ON THE EYE (08-16)

08 Operations on eyelids

09 Operations on lacrimal system (tear ducts)

10 Operations on conjunctiva

11 Operations on cornea

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

13 Operations on lens

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

15 Operations on extraocular muscles

16 Operations on orbit and eyeball

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APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

OPERATIONS ON THE EAR (18-20)

18 Operations on external ear

19 Reconstructive operations on middle ear

20 Other operations on middle and inner ear

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

21 Operations on the nose

Includes: operations on bone and skin of nose

22 Operations on nasal sinuses

23 Removal and restoration of teeth

24 Other operations on teeth, gums and alveoli

25 Operations on tongue

26 Operations on salivary glands and ducts

27 Other operations on mouth and face

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

28 Operations on tonsils and adenoids

29 Operations on pharynx

OPERATIONS ON THE RESPIRATORY SYSTEM (30-34)

30 Excision of larynx

31 Other operations on larynx and trachea

32 Excision of lung and bronchus

33 Other operations on lung and bronchus

34 Operations on chest wall, pleura, mediastinum and diaphragm

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APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

OPERATIONS ON THE CARDIOVASCULAR SYSTEM (35-39)

35 Operations on valves and septa of heart

36 Operations on vessels of heart

37 Other operations on heart and pericardium

38 Incision, excision and occlusion of vessels

39 Other operations on vessels

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

40 Operations on lymphatic system

41 Operations on bone marrow and spleen

OPERATIONS ON THE DIGESTIVE SYSTEM (42-54)

42 Operations on the esophagus

43 Incision and excision of stomach

44 Other operations on stomach

45 Incision, excision, and anastomosis of intestine

46 Other operations on intestine

47 Operations on appendix

48 Operations on rectum and perirectal tissue

49 Operations on anus

50 Operations on liver

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

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

OPERATIONS ON THE URINARY SYSTEM (55-59)

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

OPERATIONS ON MALE GENITAL ORGANS (60-64)

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

OPERATIONS ON THE FEMALE GENITAL ORGANS (65-71)

- 65 Operations on ovary
- 66 Operations on fallopian tubes
- 67 Operations on cervix
- 68 Other incision and excision of uterus
- 69 Other operations on uterus and supporting structures

- 70 Operations on vagina and cul-de-sac
71 Operations on vulva and perineum
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APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

OBSTETRICAL PROCEDURES (72-75)

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

OPERATIONS ON THE MUSCULOSKELETAL SYSTEM (76-84)

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

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

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

81 Repair and plastic operations on joint structures

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

82 Operations on muscle, tendon and fascia of hand

Includes: operations on synovial membrane and tendon sheath

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

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

84 Other procedures on musculoskeletal system.

OPERATIONS ON THE INTEGUMENTARY SYSTEM (85-86)

85 Operations on the breast

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

86 Operations on skin and subcutaneous tissue

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

Includes also: operations on regions such as arm; armpit; back; cheek; buttock; chin; feet; forearm; forehead; hand; head; heel; leg; neck; scalp; temple: temporal region; and thigh when specific tissue (such as bone; cartilage; joint; etc.) involved is not mentioned.

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

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

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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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CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

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

94 Psychiatric interviews, consultations and evaluations

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

95 Ophthalmologic and otologic diagnosis and treatment

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

96 Nonoperative intubation and irrigation

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

97 Replacement and removal of therapeutic appliances

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

98 Nonoperative removal of foreign body

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

99 Other nonoperative procedures

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

fitting

of dentures.

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