

1993
1993

1993

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, 1993," should appear at the bottom of all tables. When cited in a bibliography, the suggested citation should read:

National Center for Health Statistics (1994). Public Use Data Tape Documentation, Part I, National Health Interview Survey, 1993 (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, 1993. Part II, Public Use Data Tape Documentation.

Medical Coding Manual and Short Index, 1993. 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.

Benson V, Marano M. Current Estimates from the National Health Interview Survey, 1993. National Center for Health Statistics. Vital Health Stat 10(190). 1994.

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)

- record
- 10 = Household Record - The Household file contains one household 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.
- record
- 30 = Condition Record - The Condition file contains one condition for each reported condition.
- for
- 40 = Doctor Visit Record - The Doctor Visit file contains one record 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

1

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 = HISY1993.HOUSEHLD
 - PERSON = HISY1993.PERSONSX
 - CONDITION = HISY1993.CONDITON
 - HOSPITAL = HISY1993.HOSPITAL
 - DOCTOR VISIT = HISY1993.DRVISITX

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

iv
 NATIONAL HEALTH INTERVIEW SURVEY
 Calendar Year 1993 Computer Processing
 Public Use Data Tape
 TABLE OF CONTENTS - PART I

	Page
INTRODUCTION	1
REFERENCES	3
COMPARED CHANGES.....	5
TAPE FORMATS	
Household Record	7
Person Record	17
Condition Record	41
Doctor Visit Record	75
Hospital Record	105
DIAGNOSTIC RECODES	
Recode A. Acute Conditions	133
Recode B. Diseases, Injuries and Impairments	139
Recode C. Chronic Conditions and Impairments	163
TABULATION SPECIFICATIONS AND WEIGHTING - INTRODUCTION	173
SPECIFICATIONS FOR RECREATING CURRENT ESTIMATES TABLES	175
TABULATING DATA FOR CURRENT ESTIMATES TABLES	177
APPENDICES	
Appendix A. Codes for Types of Special Places	185
Appendix B. Industry Recodes	189
Appendix C. Occupation Recodes	195

Appendix D. Description of Class of Accident Code	203
Appendix E. Classification of Operations and Non-operative Procedures for HIS	205

1NOTES:

1

THE NATIONAL HEALTH INTERVIEW SURVEY

INTRODUCTION

Since 1957, the National Center for Health Statistics has conducted the National Health Interview Survey (NHIS) annually. It includes a "core" set of questions on health-related variables which generally change little from year-to-year and supplements which can vary annually. In 1982, however, fairly substantial changes were made to parts of the core. These changes reflect different concepts in the measurement of health-related variables. Therefore, data derived from these changed concepts, particularly limitation of activity, acute conditions, disability days and doctor visits, should not be compared to data gathered before 1982. A discussion of these changes and the effect on resulting statistics are contained in the Series 1, No. 18 report and in a special appendix to the Current Estimates, 1982 (Series 10, No. 150). More information on the survey in general and the 1993 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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- 2 -

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.

1

- 3 -

REFERENCES

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

Statistics, Iowa State University, Ames, Iowa. September, 1989.

- (8) Contingency Table Analysis for Complex Sample Designs (CPLX). U.S. Bureau of the Census.

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- 5 -

CHANGES IN THE 1993 PUBLIC USE TAPE COMPARED TO 1992

The 1993 Public Use Tape resembles the 1992 version, with a few exceptions. The most notable change was the expansion of the race categories. The location and code differences are described below:

PERSON, CONDITION, DOCTOR VISIT,
AND HOSPITAL RECORD VARIABLE:

Tape Location	Item and Codes
41-42	Main Racial Background - Reported (In 1992, the Main Racial Background field was expanded from a one position field to a two position field)
169	Blank

NOTE: In 1992 some deletions and additions occurred to the Detail and Standard Industrial Classification and Standard Occupational Classification codes which caused changes to occupation and industry recode categories. Please see appendixes B and C for complete listing of these codes.

PERSON RECORD VARIABLE

Tape Location	Item and Codes
144	YEARS LIVED IN STATE OF PRESENT RESIDENCE (This field now includes all persons except foreign born)
145	YEARS LIVED IN UNITED STATES (This field now includes all persons except U.S. born)

CONDITION RECORD VARIABLE

Tape Location	Item and Codes
140-144	EXTERNAL CAUSE OF INJURY
145	ICD-9 (E-CODE) PLACE OF OCCURRENCE

1NOTES:

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

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1

- 9 -

NHIS PUBLIC USE TAPE RECORDS
 Outline of Items and Codes
 Number of Records = 44,978
 HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		44,978	10. Household Record
3-4	-		PROCESSING YEAR
		44,978	93. 1993
5	-		PROCESSING QUARTER
		12,631	1. Quarter 1
		6,976	2. Quarter 2
		12,693	3. Quarter 3
		12,678	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.

1

- 10 -

NHIS PUBLIC USE TAPE RECORD
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
11-12	HH-5		SEGMENT NUMBER Week plus Segment Number identifies the segment
13-14	HH-5		HOUSEHOLD NUMBER Numbered within PSU-Week-Segment
15-16	-		BLANK (Person Number on other record types)
17-18	-		BLANK (Record Serial Number on other record types)
19-20	HH-5		PROCESSING WEEK CODE (Numbered within Quarter)
		3,992	01. Week 01
		3,012	02. Week 02
		3,883	03. Week 03
		2,909	04. Week 04
		4,103	05. Week 05
		2,961	06. Week 06
		3,890	07. Week 07
		2,875	08. Week 08
		3,860	09. Week 09
		2,904	10. Week 10
		3,907	11. Week 11
		2,814	12. Week 12
		3,868	13. Week 13
21	Recode		LATE INTERVIEW (OR LAST ATTEMPT) FLAG
		27,865	0. Interview not late
		12,420	1. One week late
		3,803	2. Two weeks late
		890	3. Unknown

1

- 11 -

NHIS PUBLIC USE TAPE RECORD
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
22-23	HH-10d		TYPE OF LIVING QUARTERS: Housing Unit = (00-07)
		884	00. Housing unit; kind unknown
		41,279	01. House, apartment, flat
		46	02. HU in nontransient hotel, motel, etc.
		30	03. HU-permanent in transient hotel, motel, etc.
		36	04. HU in rooming house
		1,958	05. Mobile home or trailer with no permanent room added
		287	06. Mobile home or trailer with one or more permanent rooms added
		12	07. HU not specified above
			Other Unit = (08-13)
		14	08. Quarters not HU in rooming or boarding house
		0	09. Unit not permanent in transient hotel, motel, etc.
		0	10. Unoccupied site for mobile home, trailer, or tent
		343	11. Student quarters in college dormitory
		75	12. Other unit not specified above
		14	13. Other unit; kind unknown
24	HH-11		HAS TELEPHONE
		38,799	1. Yes, phone number given
		1,844	2. Yes, no phone number given
		2,243	3. No
		121	4. Unknown
		1,971	Blank. Non-interview
25-26	HH-6		SPECIAL PLACE (Unedited)
			SEE APPENDIX A
			Blank. Not applicable

Tape Locations	Item No.	Frequency	Items and Codes
27	HH-15		COMPLETED INTERVIEW
		42,692	1. Completed interview - non-military household
		1,971	2. Non-interview
		315	3. Completed interview - military household*
28-29	HH-14		NON-INTERVIEW REASON
			Type A
		1,333	01. Refused
		295	02. No one at home
		236	03. Temporarily absent
		107	04. Other
		43,007	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.

1

- 13 -

NHIS PUBLIC USE TAPE RECORD
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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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

1

- 14 -

NHIS PUBLIC USE TAPE RECORD
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 -

61 Secondary Family No. 2
REFERENCE PERSON PRESENT -

62 Secondary Family No. 3
REFERENCE PERSON PRESENT -

63 Secondary Family No. 4
REFERENCE PERSON PRESENT -

64 Secondary Family No. 5
REFERENCE PERSON PRESENT -

65 Secondary Family No. 6
REFERENCE PERSON PRESENT -

66 Secondary Family No. 7
REFERENCE PERSON PRESENT -

67 Secondary Family No. 8
REFERENCE PERSON PRESENT -

Secondary Family No. 9

1

- 15 -

NHIS PUBLIC USE TAPE RECORD
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
		7,234	1. Condition List 1, Skin and Musculoskeletal
		7,124	2. Condition List 2, Impairments

7,133	3. Condition List 3, Digestive
7,119	4. Condition List 4, Miscellaneous
7,163	5. Condition List 5, Circulatory
7,130	6. Condition List 6, Respiratory
104	7. Unknown
1,971	Blank. Non-interview

77-177 - BLANK

178	Master Record		TYPE OF SUBSTRATUM
		6,976	0. Permit
		3,961	1. Area, oversampled for blacks
		34,041	2. Area, not oversampled for blacks

179-181 - BLANK

182	Master Record		REGION
		9,128	1. Northeast
		11,214	2. Midwest
		14,989	3. South
		9,647	4. West

1 - 16 -

NHIS PUBLIC USE TAPE RECORD
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		19,552	1. 1,000,000 or more
		11,821	2. 250,000 - 999,999
		2,872	3. 100,000 - 249,999
		685	4. Under 100,000
		10,048	Blank. Non-MSA

184 - BLANK

185	Master Record		TYPE OF PSU
		24,825	1. MSA - Self-representing
		10,105	3. MSA - Nonself-representing
		7	4. Non-MSA - Self-representing
		10,041	6. Non-MSA - Nonself-representing

186	Recode		MSA - NON-MSA RESIDENCE
		14,412	1. MSA - Central City
		18,857	2. MSA - Not Central City
		9,236	3. Non-MSA - Nonfarm
		502	4. Non-MSA - Farm
		1,971	Blank. Non-interview
187-200	-		BLANK
201-206	-		QUARTER BASIC WEIGHT
			Adjusted by Segment and Special HH Sampling Factors (XXXXX.X)
207-335	-		BLANK
1			- 17 -

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

- 19 -

NHIS PUBLIC USE TAPE RECORDS
Outline of Items and Codes
Number of Records = 109,671
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		109,671	20. Person Record
3-4	-		PROCESSING YEAR
		109,671	93. 1993
5	-		PROCESSING QUARTER
		31,002	1. Quarter 1
		17,382	2. Quarter 2
		31,011	3. Quarter 3

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.

1

- 20 -

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
11-12	HH-5		SEGMENT NUMBER Week plus Segment Number identifies the segment
13-14	HH-5		HOUSEHOLD NUMBER Numbered within PSU-Week-Segment
15-16	-		PERSON NUMBER
17-18	-		BLANK (Record Serial Number on other record types).
19-20	HH-5		PROCESSING WEEK CODE (Numbered within Quarter)
		9,755	01. Week 01

7,361	02.	Week 02
9,339	03.	Week 03
7,231	04.	Week 04
10,049	05.	Week 05
7,271	06.	Week 06
9,539	07.	Week 07
7,194	08.	Week 08
9,314	09.	Week 09
7,091	10.	Week 10
9,379	11.	Week 11
6,905	12.	Week 12
9,243	13.	Week 13

21	Recode	LATE INTERVIEW (OR LAST ATTEMPT) FLAG
	70,719	0. Interview not late
	28,973	1. One week late
	8,153	2. Two weeks late
	1,826	3. Unknown

1 - 21 -

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		1,402	00. Housing unit; kind unknown
		102,125	01. House, apartment, flat
		87	02. HU in nontransient hotel, motel, etc.
		57	03. HU-permanent in transient hotel, motel, etc.
		41	04. HU in rooming house
		4,594	05. Mobile home or trailer with no permanent room added
		741	06. Mobile home or trailer with one or more permanent rooms added
		18	07. HU not specified above
			Other Unit = (08-13)
		20	08. Quarters not HU in rooming or boarding house
		0	09. Unit not permanent in transient hotel, motel, etc.
		0	10. Unoccupied site for mobile home, trailer, or tent
		463	11. Student quarters in college dormitory
		100	12. Other unit not specified above
		23	13. Other unit; kind unknown

24	HH-11		HAS TELEPHONE
		99,181	1. Yes, phone number given
		4,214	2. Yes, no phone number given
		5,993	3. No
		283	4. Unknown

25	A-1		SEX
		52,467	1. Male
		57,204	2. Female

26	-		BLANK
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1 - 22 -

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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27-28	Person Column		AGE
		1,691	00. Under 1 year
		107,971	01-98. Number of years
		9	99. 99+ years of age

29	Recode		AGE RECODE #1
		8,700	1. Under 5 years
		21,812	2. 5-17 years
		9,795	3. 18-24 years
		34,503	4. 25-44 years
		21,428	5. 45-64 years
		4,395	6. 65-69 years
		3,728	7. 70-74 years
		5,310	8. 75 years and over

30	Recode		AGE RECODE #2
		10,514	1. Under 6 years
		18,590	2. 6-16 years
		11,203	3. 17-24 years
		17,187	4. 25-34 years
		17,316	5. 35-44 years
		12,431	6. 45-54 years
		8,997	7. 55-64 years
		8,123	8. 65-74 years
		5,310	9. 75 years and over

31-32	Recode		AGE RECODE #3
		5,161	00-35. Months
		104,510	36. Over 3 years

33	-		BLANK
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1 - 23 -

NHIS PUBLIC USE TAPE RECORD
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. Unknown
36-39			YEAR OF BIRTH
			1800-1899. 1800-1899
			1900-1994. 1900-1994
			9999. Unknown
40	Recode		HISPANIC ORIGIN IMPUTED FLAG
		108,045	0. Hispanic Origin Known
		1,626	1. Hispanic Origin Imputed from Reference Person
41-42	L-3		MAIN RACIAL BACKGROUND* (See notation for locations 43-45)
		86,097	01. White
		15,860	02. Black
		907	03. Indian (American)
		22	04. Eskimo
		8	05. Aleut
		764	06. Chinese
		652	07. Filipino
		75	08. Hawaiian
		290	09. Korean
		384	10. Vietnamese
		325	11. Japanese
		469	12. Asian Indian
		43	13. Samoan
		35	14. Guamanian
		384	15. Other API
		2,137	16. Other race

186	17. Multiple race
1,033	99. Unknown

*Some categories may be too small to analyze separately and therefore may produce unreliable estimates; in addition, counts may not agree with those produced by the Census Bureau.

1 - 24 -

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes	
43-45	Recode		RACE RECODES	
43			RECODE 1*	Persons whose Main Racial Background (location 41-42) was "other" or "unknown" were classified in the following recodes by using the racial background observed by the interviewer. Use of these recodes is recommended for estimating statistics for the groups shown here.
		89,292	1. White	
		15,925	2. Black	
		4,454	3. Other	
44			RECODE 2	
		89,292	1. White	
		20,379	2. Non-white	
45			RECODE 3	
		15,925	1. Black	
		93,746	2. Non-black	
46-47	A-4		HISPANIC ORIGIN**	
		74	00. Multiple Hispanic	
		1,222	01. Puerto Rican	
		482	02. Cuban	
		2,403	03. Mexican-Mexicano	
		3,668	04. Mexican-American	
		76	05. Chicano	
		1,095	06. Other Latin American	
		969	07. Other Spanish	
		75	08. Spanish, DK type	
		451	09. Unknown if Spanish origin	
		99,156	10. Not Spanish origin	

*This recode is used to categorize race in Current Estimates tables.

**If unknown, the family reference person code was imputed. A flag indicating imputation is in loc. 40 and the relationship to reference person is in loc. 63.

1 - 25 -

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
48	L-7		MARITAL STATUS
		24,252	0. Under 14 years
		49,891	1. Married - spouse in household
		765	2. Married - spouse not in household
		5,801	3. Widowed
		6,103	4. Divorced
		1,632	5. Separated
		20,552	6. Never married
		675	7. Unknown
49	L-1		VETERAN STATUS
		66,231	1. Non-veteran
		33	2. WW I
		3,006	3. WW II
		1,789	4. Korean War
		3,399	5. Vietnam veteran
		1,319	6. Post-Vietnam
		1,879	7. Other service
		290	8. Served in Armed Forces, unknown if war veteran
		1,213	9. Unknown if served in Armed Forces
		30,512	Blank. Under 18 years of age
50	L-1		ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES
		66,231	0. Non-veteran
		887	1. All service in Guard/Reserve
		1,700	2. Some service in Guard/Reserve
		37	3. Unknown if all service in Guard/Reserve
		8,270	4. No active service in Guard/Reserve
		2,034	5. Unknown if ever active member in Guard/Reserve or served in Armed Forces
		30,512	Blank. Under 18 years of age

1 - 26 -

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
51-52	L-2		EDUCATION OF INDIVIDUAL - COMPLETED YEARS
		4,309	00. Never attended; kindergarten only
		62,919	01-12. Grades 1-12

	College:
5,989	13. 1 year
7,736	14. 2 years
2,941	15. 3 years
9,262	16. 4 years
1,865	17. 5 years
4,785	18. 6 years or more
1,165	19. Unknown
8,700	Blank. Under 5 years of age

53	Recode		EDUCATION OF INDIVIDUAL RECODE
		4,309	0. None; kindergarten only
		20,235	1. 1-8 years (elementary)
		12,907	2. 9-11 years (high school)
		29,777	3. 12 years (high school graduate)
		16,666	4. 1-3 years (college)
		9,262	5. 4 years (college graduate)
		6,650	6. 5+ years (post-college)
		1,165	7. Unknown
		8,700	Blank. Under 5 years of age

54-55	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER - (Detail)
		184	00. Never attended; kindergarten only
		51,751	01-12. Grades 1-12
			College:
		8,735	13. 1 year
		12,889	14. 2 years
		4,635	15. 3 years
		16,363	16. 4 years
		3,665	17. 5 years
		10,704	18. 6 years or more
		745	19. Unknown

1 - 27 -

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
56	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER - Recode
		184	0. None; kindergarten only
		4,981	1. 1-8 years (elementary)
		9,021	2. 9-11 years (high school)
		37,749	3. 12 years (high school graduate)
		26,259	4. 1-3 years (college)
		16,363	5. 4 years (college graduate)
		14,369	6. 5+ years (post-college)
		745	7. Unknown

57	L-8		FAMILY INCOME \$20,000 OR MORE
		33,962	1. Less than \$20,000
		72,206	2. \$20,000 or more
		3,503	3. Unknown

1 - 28 -

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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58-59	L-8		FAMILY INCOME
		576	00. Less than \$1,000
		619	01. \$ 1,000 - \$ 1,999
		775	02. 2,000 - 2,999
		813	03. 3,000 - 3,999
		1,017	04. 4,000 - 4,999
		1,360	05. 5,000 - 5,999
		1,408	06. 6,000 - 6,999
		1,398	07. 7,000 - 7,999
		1,386	08. 8,000 - 8,999
		1,750	09. 9,000 - 9,999
		1,994	10. 10,000 - 10,999
		1,208	11. 11,000 - 11,999
		2,128	12. 12,000 - 12,999
		1,306	13. 13,000 - 13,999
		1,387	14. 14,000 - 14,999
		1,793	15. 15,000 - 15,999
		1,300	16. 16,000 - 16,999
		1,447	17. 17,000 - 17,999
		1,871	18. 18,000 - 18,999
		2,358	19. 19,000 - 19,999
		8,301	20. 20,000 - 24,999
		6,998	21. 25,000 - 29,999
		7,746	22. 30,000 - 34,999
		5,992	23. 35,000 - 39,999
		6,052	24. 40,000 - 44,999
		5,486	25. 45,000 - 49,999
		23,574	26. \$50,000 and over
		17,628	27. Unknown

1 - 29 -

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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60	Recode		FAMILY INCOME RECODE
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3,800	0.	Under \$5,000
2,768	1.	\$ 5,000 - \$ 6,999
4,534	2.	7,000 - 9,999
8,023	3.	10,000 - 14,999
8,769	4.	15,000 - 19,999
8,301	5.	20,000 - 24,999
14,744	6.	25,000 - 34,999
17,530	7.	35,000 - 49,999
23,574	8.	\$50,000 or more
17,628	9.	Unknown

61	Generated		NHIS POVERTY INDEX*
		85,803	1. At or above poverty threshold
		14,179	2. Below poverty threshold
		9,689	3. Unknown

62-63 FAMILY RELATIONSHIP

62	A-2		TYPE OF FAMILY
		11,792	&. Primary individual
		1,299	- . Secondary individual
		96,373	0. Primary family
		207	1-9. Secondary family

63	A-2		RELATIONSHIP TO REFERENCE PERSON
		11,234	&. Reference person, living alone
		32,531	0. Reference person, 2+ persons in household
		24,314	1. Spouse, other spouse NOT in Armed Forces and living at home
		263	2. Spouse, other spouse IN Armed Forces and living at home
		35,915	3. Child of reference person or spouse
		1,921	4. Grandchild of reference person or spouse
		995	5. Parent of reference person or spouse
		2,476	6. Other relative
		22	7. Child of ineligible reference
person		0	9. Unknown

*Based on family size, number of children under 18 years of age & family income using the 1992 poverty levels derived from the August, 1993 Current Population Survey.

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NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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64	Recode		FAMILY RELATIONSHIP RECODE
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11,234	1. Living alone
1,857	2. Living only with non-relative
49,868	3. Living with spouse
46,712	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)
		23,063 1. Both parents, no other relative
		6,100 2. Mother only
		425 3. Father only
		2,676 4. Both parents and other 21+ year old adult relative
		1,964 5. Mother and other 21+ year old adult relative
		169 6. Father and other 21+ year old adult relative
		451 7. No parent, but one 21+ year old adult relative
		580 8. No parent, but two or more 21+ year old adult relatives
		359 9. Unknown
		1,700 0. Other
		72,184 Blank. Not applicable (25+ years old or ever married)

69	B-1 B-8	MAJOR ACTIVITY (18+ years old)
		48,263 1. Working
		13,883 2. Keeping house
		4,625 3. Going to school
		11,846 4. Something else
		542 5. Unknown
		30,512 Blank. Not applicable (Under 18 years)

*Count includes spouse in military but living at home.

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
70	G-4		HEALTH STATUS
		40,769	1. Excellent

30,693	2. Very Good
26,099	3. Good
8,522	4. Fair
3,111	5. Poor
477	6. Unknown

71	Recode		ACTIVITY LIMITATION STATUS - (all ages)*
		5,024	1. Unable to perform major activity
		6,652	2. Limited in kind/amount major activity
		5,296	3. Limited in other activities
		92,699	4. Not limited (includes unknowns)

72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		4,953	1. Unable to work
		3,647	2. Limited in kind/amount of work
		2,728	3. Limited in other activities
		58,793	4. Not limited (includes unknowns)
		39,550	Blank. Not applicable (under 18 years, 70+ years)

73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		132	1. Unable to attend school
		740	2. Attends special school/classes
		94	3. Needs special school/classes
		280	4. Limited in school attendance
		515	5. Limited in other activities
		20,051	6. Not limited (includes unknowns)
		87,859	Blank. Not applicable (under 5 years or 18+ years)

*This recode is used to categorize persons with limitation of activity in the Current Estimates tables.

1

- 32 -

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
74	B-14		NEEDS HELP WITH PERSONAL CARE (5-59 years old and limited, or age 60-69 years)*
		652	1. Unable to perform personal care needs
		1,655	2. Limited in performing other routine needs
		16,005	3. Not limited in performing personal or routine needs

479 4. Unknown
 90,880 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)

49,183 1. Worked in past 2 weeks
 1,039 2. Did not work, has job; not on
 lay-off and not looking for work
 39 3. Did not work, has job; looking
 for work
 Unemployed: (4-7)

170 4. Did not work, has job; on lay-off
 8 5. Did not work, has job; on lay-
 off and looking for work
 385 6. Did not work, has job; unknown
 if looking or on lay-off
 2,064 7. Did not work, has no job;
 looking for work or on lay-off

Not in Labor Force (18+ years): (8)

26,271 8. Not in Labor Force (18+ years)
 30,512 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.

1 - 33 -

NHIS PUBLIC USE TAPE RECORD
 PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
76	L-6		CLASS OF WORKER
		26,271	0. Not in labor force
		37,286	1. Private company
		1,430	2. Federal Government employee
		2,299	3. State Government employee
		4,394	4. Local Government employee
		1,402	5. Incorporated business
		4,767	6. Self-employed
		80	7. Without pay
		74	8. Never worked
		1,156	9. Unknown
		30,512	Blank. Under 18

77-79	L-6		INDUSTRY DETAIL CODE
		52,888	010-998. Code number
		56,783	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
		52,888	001-998. Code number
		56,783	Blank. Not applicable
87-88	Recode		OCCUPATION RECODE 1
			SEE APPENDIX C

1

- 34 -

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
89-90	Recode		OCCUPATION RECODE 2
			SEE APPENDIX C
91	L-R		RESPONDENT
		49,690	1. Self-entirely
		5,546	2. Self-partly
		53,637	3. Proxy
		798	4. Unknown
92	Recode		CONDITION LIST ASSIGNED AND ASKED
		18,210	1. Condition List 1, Skin and musculoskeletal
		18,246	2. Condition List 2, Impairments
		18,270	3. Condition List 3, Digestive
		18,063	4. Condition List 4, Miscellaneous
		18,108	5. Condition List 5, Circulatory
		17,891	6. Condition List 6, Respiratory
		883	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
		96,559	00. None
		13,112	01-14. Days

1

- 35 -

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
100-101	D-4		BED DAYS IN PAST TWO WEEKS
		102,136	00. None
		7,535	01-14. Days
102-103	D-2		WORK-LOSS DAYS IN PAST TWO WEEKS (control on Currently Employed, 75:1-3)
		106,330	00. None
		3,341	01-14. Days
104-105	D-3		SCHOOL-LOSS DAYS IN PAST TWO WEEKS
		107,662	00. None
		2,009	01-14. Days
106-107	D-6		OTHER DAYS OF RESTRICTED ACTIVITY IN PAST TWO WEEKS
		103,185	00. None
		6,486	01-14. Days
108-110	G-2		BED DAYS IN PAST 12 MONTHS

59,284	000. None
49,503	001-365. 1-365 days
884	366. Unknown

111	Recode		BED DAYS IN PAST 12 MONTHS - Recode
		59,284	0. None
		38,278	1. 1-7 days
		8,335	2. 8-30 days
		2,311	3. 31-180 days
		579	4. 181-365 days
		884	5. Unknown

112-114	G-3		DOCTOR VISITS IN PAST 12 MONTHS
		24,998	000. None
		84,238	001-996. Visits
		0	997. 997+ visits
		435	998. Unknown

1

- 36 -

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
115	G-3		INTERVAL SINCE LAST DOCTOR VISIT
		191	0. Never
		85,163	1. Less than 1 year
		10,440	2. 1 to less than 2 years
		8,778	3. 2 to less than 5 years
		3,519	4. 5 years or more
		1,580	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.

1

- 37 -

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
142-143	-		BLANK
144	L-9b		YEARS LIVED IN STATE OF PRESENT RESIDENCE
		3,022	1. Less than 1 year
		10,370	2. 1 yr., less than 5 years
		10,609	3. 5 yrs., less than 10 yrs.
		9,257	4. 10 yrs., less than 15 yrs.
		61,170	5. 15 years or more
		5,147	9. Unknown
		10,096	Blank. Not applicable (Foreign born)
145	L-9c		YEARS LIVED IN UNITED STATES
		334	1. Less than 1 year
		1,721	2. 1 yr., less than 5 years
		1,730	3. 5 yrs., less than 10 yrs.
		1,736	4. 10 yrs., less than 15 yrs.
		4,373	5. 15 years or more
		202	9. Unknown
		99,575	Blank. Not applicable (U.S. born)
146	L-2		NOW GOING TO SCHOOL OR ON VACATION FROM SCHOOL
		8,719	1. Yes, going to school
		1,976	2. Yes, on vacation from school
		1,339	3. No
		3,052	9. Unknown
		94,585	Blank. (Under 12 years or 22+ years)
147-171	-		BLANK

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
172-177	-		QUARTER BASIC WEIGHT BEFORE AGE-SEX-RACE ADJUSTMENT (Has one implied decimal)
178	Master Record		TYPE OF SUBSTRATUM
		17,616	0. Permit
		10,032	1. Area, oversampled for blacks
		82,023	2. Area, not oversampled for blacks
179-181	-		FULL SAMPLE STRATUM IDENTIFIER
182	Master Record		REGION
		21,916	1. Northeast
		27,109	2. Midwest
		36,270	3. South
		24,376	4. West

NHIS PUBLIC USE TAPE RECORD
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		47,808	1. 1,000,000 or more
		28,715	2. 250,000 - 999,999
		7,039	3. 100,000 - 249,999
		1,587	4. Under 100,000
		24,522	Blank. Non-MSA
184			BLANK
185	Master Record		TYPE OF PSU
		60,658	1. MSA - Self-representing
		24,491	3. MSA - Nonself-representing
		12	4. Non-MSA - Self-representing
		24,510	6. Non-MSA - Nonself-representing

186	Recode		MSA - NON-MSA RESIDENCE
		35,411	1. MSA - Central City
		49,738	2. MSA - Not Central City
		23,120	3. Non-MSA - Nonfarm
		1,402	4. Non-MSA - Farm

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

1 - 40 -

NHIS PUBLIC USE TAPE RECORD
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
<hr/>	
	ESTIMATED SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS
300-308	QUARTER
309-317	SEMI-ANNUAL
318-326	ANNUAL
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327-335	ANNUAL ESTIMATED NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS
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- 41 -

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

1NOTES:

1

- 43 -

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 Condition and Doctor Visit Records. The X of the Impairment Codes (represented by a hyphen '-') 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	- 44 -
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
042-044	799.9
137-139	Impairment, as appropriate
230-234	Not applicable (not reported in NHIS)
235-238	Benign, malignant or unspecified, by site
268.1	Not applicable (not reported in NHIS)
306.0,6,7,8,9	Code as if non-psychogenic
315.0-2	X14
317-319	X19
326	Code residual effect to appropriate impairment or ICD 320-325
331.3,4	X93
342	X41 - 45 -
343	X50
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 - 46 -
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
1	905.6-8	X80-89, by site - 47 -
	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

- 48 -

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 annual basic weight 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.

1 - 49 -

NHIS PUBLIC USE TAPE RECORDS
Outline of Items and Codes
Number of Records = 84,757
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		84,757	30. Condition Record
3-4	-		PROCESSING YEAR
		84,757	93. 1993
5	-		PROCESSING QUARTER
		24,576	1. Quarter 1
		13,338	2. Quarter 2
		23,195	3. Quarter 3
		23,648	4. Quarter 4
6-8	HH-5		RANDOM RECODE OF PSU NUMBER
9-10	HH-5		WEEK - CENSUS CODE*
			01, 21, 41, 61, 81 ... Week 01
			02, 22, 42, 62, 82 ... Week 02
			03, 23, 43, 63, 83 ... Week 03
			04, 24, 44, 64, 84 ... Week 04
			05, 25, 45, 65, 85 ... Week 05
			06, 26, 46, 66, 86 ... Week 06
			07, 27, 47, 67, 87 ... Week 07
			08, 28, 48, 68, 88 ... Week 08
			09, 29, 49, 69, 89 ... Week 09
			10, 30, 50, 70, 90 ... Week 10
			11, 31, 51, 71, 91 ... Week 11
			12, 32, 52, 72, 92 ... Week 12
			13, 33, 53, 73, 93 ... Week 13

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

NHIS PUBLIC USE TAPE RECORD
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)
		7,531	01. Week 01
		5,782	02. Week 02
		7,285	03. Week 03
		5,748	04. Week 04
		7,676	05. Week 05
		5,585	06. Week 06
		7,464	07. Week 07
		5,304	08. Week 08
		7,305	09. Week 09
		5,337	10. Week 10
		7,238	11. Week 11
		5,485	12. Week 12
		7,017	13. Week 13
21	Recode		LATE INTERVIEW (OR LAST ATTEMPT) FLAG
		57,228	0. Interview not late
		20,658	1. One week late
		5,585	2. Two weeks late
		1,286	3. Unknown

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		960	00. Housing unit; kind unknown
		78,341	01. House, apartment, flat
		74	02. HU in nontransient hotel, motel, etc.
		45	03. HU-permanent in transient hotel, motel, etc.
		38	04. HU in rooming house
		4,008	05. Mobile home or trailer with no permanent room added
		788	06. Mobile home or trailer with one or more permanent rooms added
		23	07. HU not specified above
			Other Unit = (08-13)
		26	08. Quarters not HU in rooming or boarding house
		0	09. Unit not permanent in transient hotel, motel, etc.
		0	10. Unoccupied site for mobile home, trailer, or tent
		305	11. Student quarters in college dormitory
		130	12. Other unit not specified above
		19	13. Other unit; kind unknown

24	HH-11		HAS TELEPHONE
		77,592	1. Yes, phone number given
		2,763	2. Yes, no phone number given
		4,218	3. No
		184	4. Unknown

25	A-1		SEX
		35,660	1. Male
		49,097	2. Female

26	-		BLANK
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- 52 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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27-28	Person Column		AGE
		622	00. Under 1 year
		84,116	01-98. Number of years
		19	99. 99+ years of age

29	Recode		AGE RECODE #1
		3,005	1. Under 5 years
		8,512	2. 5-17 years
		4,401	3. 18-24 years
		22,760	4. 25-44 years
		23,112	5. 45-64 years
		6,849	6. 65-69 years
		5,897	7. 70-74 years
		10,221	8. 75 years and over

30	Recode		AGE RECODE #2
		3,649	1. Under 6 years
		7,227	2. 6-16 years
		5,042	3. 17-24 years
		10,017	4. 25-34 years
		12,743	5. 35-44 years
		11,702	6. 45-54 years
		11,410	7. 55-64 years
		12,746	8. 65-74 years
		10,221	9. 75 years and over

31-32	Recode		AGE RECODE #3
		1,849	00-35. Months
		82,908	36. Over 3 years

33	-		BLANK
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1 - 53 -

NHIS PUBLIC USE TAPE RECORD
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. Unknown

07. July

36-39

YEAR OF BIRTH
 1800-1899. 1800-1899
 1900-1994. 1900-1994
 9999. Unknown

40	Recode		HISPANIC ORIGIN IMPUTED FLAG
		83,868	0. Hispanic Origin Known
		889	1. Hispanic Origin Imputed from Reference Person

41-42	L-3		MAIN RACIAL BACKGROUND* (See notation for locations 43-45)
		69,271	01. White
		11,597	02. Black
		723	03. Indian (American)
		8	04. Eskimo
		7	05. Aleut
		264	06. Chinese
		291	07. Filipino
		54	08. Hawaiian
		104	09. Korean
		144	10. Vietnamese
		173	11. Japanese
		188	12. Asian Indian
		14	13. Samoan
		24	14. Guamanian
		158	15. Other API
		1,127	16. Other race
		119	17. Multiple race
		491	99. Unknown

*Some categories may be too small to analyze separately and therefore may produce unreliable estimates; in addition, counts may not agree with those produced by the Census Bureau.

1

- 54 -

NHIS PUBLIC USE TAPE RECORD
 CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
43-45	Recode		RACE RECODES
43			RECODE 1* Persons whose Main Racial Background (location 41-42) was "other" or "unknown" were classified in the following recodes by using the racial background observed by the interviewer. Use of these recodes is
		70,882	1. White
		11,673	2. Black
		2,202	3. Other
44			RECODE 2
		70,882	1. White
		13,875	2. Non-white

45

RECODE 3

recommended for
estimating statistics
for the groups shown
here.

11,673	1. Black
73,084	2. Non-black

46-47

A-4

HISPANIC ORIGIN**

48	00. Multiple Hispanic
812	01. Puerto Rican
359	02. Cuban
925	03. Mexican-Mexicano
1,841	04. Mexican-American
36	05. Chicano
511	06. Other Latin American
571	07. Other Spanish
43	08. Spanish, DK type
380	09. Unknown if Spanish origin
79,231	10. Not Spanish origin

48

L-7

MARITAL STATUS

8,806	0. Under 14 years
42,856	1. Married - spouse in household
794	2. Married - spouse not in household
10,892	3. Widowed
7,341	4. Divorced
1,742	5. Separated
12,005	6. Never married
321	7. Unknown

*This recode is used to categorize race in the Current Estimates tables.

**If unknown, the family reference person code was imputed. A flag indicating imputation is in loc. 40 and the relationship to reference person is in loc. 63.

1

- 55 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
49	L-1		VETERAN STATUS
		59,566	1. Non-veteran
		50	2. WW I
		4,758	3. WW II
		2,233	4. Korean War
		2,936	5. Vietnam veteran
		889	6. Post-Vietnam
		1,757	7. Other service
		220	8. Served in Armed Forces, unknown if war veteran
		831	9. Unknown if served in Armed Forces
		11,517	Blank. Under 18 years of age

50	L-1		ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES
		59,566	0. Non-veteran
		740	1. All service in Guard/Reserve
		1,922	2. Some service in Guard/Reserve
		18	3. Unknown if all service in Guard/Reserve
		9,327	4. No active service in Guard/Reserve
		1,667	5. Unknown if ever active member in Guard/Reserve or if served in Armed Forces
		11,517	Blank. Under 18 years of age

51-52	L-2		EDUCATION OF INDIVIDUAL - COMPLETED YEARS
		2,039	00. Never attended; kindergarten only
		53,036	01-12. Grades 1-12
			College:
		5,071	13. 1 year
		6,269	14. 2 years
		2,413	15. 3 years
		6,685	16. 4 years
		1,469	17. 5 years
		3,951	18. 6 years or more
		819	19. Unknown
		3,005	Blank. Under 5 years of age

1

- 56 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
53	Recode		EDUCATION OF INDIVIDUAL RECODE
		2,039	0. None; kindergarten only
		15,198	1. 1-8 years (elementary)
		12,006	2. 9-11 years (high school)
		25,832	3. 12 years (high school graduate)
		13,753	4. 1-3 years (college)
		6,685	5. 4 years (college graduate)
		5,420	6. 5+ years (post-college)
		819	7. Unknown
		3,005	Blank. Under 5 years of age

54-55

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HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER (Detail)

223	00.	Never attended; kindergarten only
44,166	01-12.	Grades 1-12

College:

6,706	13.	1 year
9,426	14.	2 years
3,466	15.	3 years
10,462	16.	4 years
2,512	17.	5 years
7,354	18.	6 years or more
442	19.	Unknown

56

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HIGHEST EDUCATION OF RESPONSIBLE ADULT
FAMILY MEMBER - Recode

223	0.	None; kindergarten only
6,240	1.	1-8 years (elementary)
8,617	2.	9-11 years (high school)
29,309	3.	12 years (high school graduate)
19,598	4.	1-3 years (college)
10,462	5.	4 years (college graduate)
9,866	6.	5+ years (post-college)
442	7.	Unknown

1

- 57 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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57

L-8

FAMILY INCOME \$20,000 OR MORE

34,571	1.	Less than \$20,000
47,990	2.	\$20,000 or more
2,196	3.	Unknown

58-59

L-8

FAMILY INCOME

500	00.	Less than \$ 1,000
439	01.	\$ 1,000 - \$ 1,999
746	02.	2,000 - 2,999
760	03.	3,000 - 3,999
1,262	04.	4,000 - 4,999
1,986	05.	5,000 - 5,999
1,818	06.	6,000 - 6,999
1,892	07.	7,000 - 7,999
1,599	08.	8,000 - 8,999
1,924	09.	9,000 - 9,999
2,052	10.	10,000 - 10,999
1,284	11.	11,000 - 11,999
2,296	12.	12,000 - 12,999
1,252	13.	13,000 - 13,999
1,429	14.	14,000 - 14,999

1,873	15.	15,000 - 15,999
1,213	16.	16,000 - 16,999
1,246	17.	17,000 - 17,999
1,573	18.	18,000 - 18,999
2,024	19.	19,000 - 19,999
6,737	20.	20,000 - 24,999
5,412	21.	25,000 - 29,999
5,434	22.	30,000 - 34,999
3,939	23.	35,000 - 39,999
3,894	24.	40,000 - 44,999
3,394	25.	45,000 - 49,999
14,163	26.	\$50,000 and over
12,616	27.	Unknown

1

- 58 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
60	Recode		FAMILY INCOME RECODE
		3,707	0. Under \$5,000
		3,804	1. \$ 5,000 - \$ 6,999
		5,415	2. 7,000 - 9,999
		8,313	3. 10,000 - 14,999
		7,929	4. 15,000 - 19,999
		6,737	5. 20,000 - 24,999
		10,846	6. 25,000 - 34,999
		11,227	7. 35,000 - 49,999
		14,163	8. \$50,000 or more
		12,616	9. Unknown
61	Generated		NHIS POVERTY INDEX*
		64,603	1. Above poverty threshold
		12,512	2. Below poverty threshold
		7,642	3. Unknown
62-63			FAMILY RELATIONSHIP
62	A-2		TYPE OF FAMILY
		16,414	&. Primary individual
		990	-. Secondary individual
		67,225	0. Primary family
		128	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		15,872	&. Reference person, living alone
		30,159	0. Reference person, 2+ persons in household
		20,721	1. Spouse, other spouse NOT in Armed Forces and living at home

Forces	208	2. Spouse, other spouse IN Armed and living at home
	14,394	3. Child of reference person or spouse
	650	4. Grandchild of reference person or spouse
spouse	1,418	5. Parent of reference person or
	1,321	6. Other relative
person	14	7. Child of ineligible reference
	0	9. Unknown

*Based on family size, number of children under 18 years of age & family income using the 1992 poverty levels derived from the August, 1993 Current Population Survey.

1 - 59 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
64	Recode		FAMILY RELATIONSHIP RECODE
		15,872	1. Living alone
		1,532	2. Living only with non-relative
		42,831	3. Living with spouse
		24,522	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)
		8,459	1. Both parents, no other relative
		2,726	2. Mother only
		150	3. Father only
		835	4. Both parents and other 21+ year old adult relative
		687	5. Mother and other 21+ year old adult relative
		56	6. Father and other 21+ year old adult relative
		137	7. No parent, but one 21+ year old adult relative
		173	8. No parent, but two or more 21+

		year old adult relatives
218	9.	Unknown
940	0.	Other
70,376	Blank.	Not applicable (25+ years old or ever married)

*Count includes spouse in military but living at home.

1 - 60 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
69	B-1 B-8		MAJOR ACTIVITY (18+ years old)
		30,762	1. Working
		18,109	2. Keeping house
		2,504	3. Going to school
		21,255	4. Something else
		610	5. Unknown
		11,517	Blank. Not applicable (Under 18 years)
70	G-4		HEALTH STATUS
		14,090	1. Excellent
		18,235	2. Very Good
		24,249	3. Good
		17,294	4. Fair
		10,555	5. Poor
		334	6. Unknown
71	Recode		ACTIVITY LIMITATION STATUS - (all ages)*
		15,051	1. Unable to perform major activity
		16,568	2. Limited in kind/amount major activity
		12,162	3. Limited in other activities
		40,976	4. Not limited (includes unknowns)
72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		14,820	1. Unable to work
		8,433	2. Limited in kind/amount of work
		5,944	3. Limited in other activities
		27,925	4. Not limited (includes unknowns)
		27,635	Blank. Not applicable (under 18 years, 70+ years)

*This recode is used to categorize persons with limitation of activity in the Current Estimates tables.

1 - 61 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		276	1. Unable to attend school
		1,235	2. Attends special school/classes
		170	3. Needs special school/classes
		481	4. Limited in school attendance
		825	5. Limited in other activities
		5,525	6. Not limited (includes unknowns)
		76,245	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)*
		2,280	1. Unable to perform personal care needs
		5,438	2. Limited in performing other routine needs
		28,292	3. Not limited in performing personal or routine needs
		25	4. Unknown
		48,722	Blank. Not applicable (under 5 years; 5-59 years not limited; 70+ years old)

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

1

- 62 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
75	D-1		EMPLOYMENT STATUS IN PAST 2 WEEKS (18+ years)
			In the Labor Force: (1-7)
			Currently Employed: (1-3)
		30,968	1. Worked in past 2 weeks
		1,348	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)

144	4. Did not work, has job; on lay-off
6	5. Did not work, has job; on lay-off and looking for work
268	6. Did not work, has job; unknown if looking or on lay-off
1,574	7. Did not work, has no job; looking for work or on lay-off

Not in Labor Force (18+ years): (8)

38,898	8. Not in Labor Force (18+ years)
11,517	Blank. Not applicable (Under 18 years old)

76	L-6	CLASS OF WORKER	
		38,898	0. Not in labor force
		23,206	1. Private company
		1,134	2. Federal Government employee
		1,861	3. State Government employee
		3,195	4. Local Government employee
		846	5. Incorporated business
		3,365	6. Self-employed
		78	7. Without pay
		38	8. Never worked
		619	9. Unknown
		11,517	Blank. Under 18

1

- 63 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
77-79	L-6		INDUSTRY DETAIL CODE
		34,342	010-998. Code number
		50,415	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

34,342 001-998. Code number
 50,415 Blank. Not applicable

87-88 Recode OCCUPATION RECODE 1
 SEE APPENDIX C

89-90 Recode OCCUPATION RECODE 2
 SEE APPENDIX C

1 - 64 -

NHIS PUBLIC USE TAPE RECORD
 CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
91	L-R		RESPONDENT
		54,043	1. Self-entirely
		4,689	2. Self-partly
		25,481	3. Proxy
		544	4. Unknown
92	Recode		CONDITION LIST ASSIGNED AND ASKED
		16,306	1. Condition List 1, Skin and musculoskeletal
		15,059	2. Condition List 2, Impairments
		11,467	3. Condition List 3, Digestive
		12,960	4. Condition List 4, Miscellaneous
		13,013	5. Condition List 5, Circulatory
		15,218	6. Condition List 6, Respiratory
		734	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)

1 - 65 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
107	K-3		CHRONIC/ACUTE CODE
		71,789	1. Chronic
		12,968	2. Acute
108	K-5		ONSET
		8,784	1. During the past 2 weeks
		5,728	2. Over 2 weeks to 3 months
		9,751	3. Over 3 months to 12 months
		20,379	4. Over 1 year to 5 years
		40,115	5. Over 5 years
109	K-2		DOCTOR LAST SEEN FOR THIS CONDITION
		249	0. Interview week
		22,254	1. 2-week reference period
		24,797	2. Over 2 weeks, less than 6 months
		8,865	3. 6 months, less than 1 year
		5,654	4. 1 year, less than 2 years
		5,147	5. 2 years, less than 5 years
		5,444	6. 5 years or more
		1,306	7. Doctor seen, DK when
		1,052	8. DK if doctor seen
		9,989	9. Doctor never seen
110	Recode		DOCTOR EVER SEEN FOR THIS CONDITION
		74,768	1. Yes
		9,989	2. No
111-112	K-6		TOTAL RESTRICTED ACTIVITY DAYS IN PAST 2 WEEKS FOR THIS CONDITION
		68,535	00. None
		16,222	01-14. 1-14 days
113-114	K-7		BED DAYS IN PAST 2 WEEKS FOR THIS CONDITION
		75,982	00. None
		8,775	01-14. 1-14 days

NHIS PUBLIC USE TAPE RECORD
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)
		81,296	00. None
		3,461	01-14. 1-14 days
117-118	K-9		SCHOOL-LOSS DAYS IN PAST 2 WEEKS FOR THIS CONDITION
		82,749	00. None
		2,008	01-14. 1-14 days
119-121	K-10		BED DAYS IN PAST 12 MONTHS FOR THIS CONDITION*
		32,906	000. None
		5,584	001-365. Days
		33,299	366. Unknown/not a "check-list" condition
		12,968	Blank. Not a chronic condition
122	K-11		EVER HOSPITALIZED FOR THIS CONDITION*
		6,434	1. Yes
		32,473	2. No
		32,882	3. Unknown/not a "check-list" condition
		12,968	Blank. Not a chronic condition
123	K-12		CONDITION STATUS*
		32,849	1. Still has condition
		801	2. Condition cured
		3,253	3. Condition under control
		303	4. Other
		34,583	5. Unknown status/not a "check-list" condition
		12,968	Blank. Not a chronic condition

*Use only for check-list conditions.

1

- 67 -

Locations	Item No.	Frequency	Items and Codes
124	K-12		LENGTH OF TIME HAD CONDITION BEFORE CURED* (Location 123 coded 2)
		51	0. Less than 1 month
		104	1. 1-3 months
		124	2. Over 3 to 6 months
		43	3. Over 6 to 12 months
		99	4. 1 year
		103	5. 2-4 years
		45	6. 5-9 years
		56	7. 10 years or more
		176	8. Unknown
		83,956	Blank. Not applicable/not a chronic condition
125	K-12		CONDITION PRESENT IN PAST 12 MONTHS*
		36,639	1. Yes
		162	2. No
		34,988	3. Unknown/not a "check-list" condition
		12,968	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.)
		16,972	1. Limited, this condition main cause of limitation
		10,381	2. Limited, this condition secondary cause of limitation
		16,428	3. Limited, but not caused by this condition
		40,976	4. Not limited

*Use only for check-list conditions.

1

- 68 -

NHIS PUBLIC USE TAPE RECORD
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)
		8,600	1. Limited in work, this condition main cause of this limitation
		5,485	2. Limited in work, this condition secondary cause of this limitation
		9,168	3. Limited in work but not caused by

33,869	this condition
27,635	4. Not limited in work
	Blank. Not applicable

128	-	ALL INJURIES*
	9,333	1. First
	1,437	2. Not first
	73,987	Blank. Not an injury

129	Recode	IS INJURY ADVERSE REACTION OR COMPLICATION OF MEDICAL CARE
	78	1. Yes, adverse reaction**
	360	2. Yes, complication of medical care (therapeutic misadventure)**
	10,332	3. No, other injury
	73,987	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. Most adverse reactions and therapeutic misadventures were not originally classified as an accident or injury and have been given the 'unspecified' E-code (E0009) in locs. 140-144 in accordance with ICDA guidelines; most will also have the place code of '9' (unspecified) in loc. 145.

1 - 69 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
130	K-14		PLACE OF ACCIDENT
		1,009	1. At home (inside house)
		977	2. At home (adjacent premises)
		2,688	3. Street and highway (including roadway and public sidewalks)
		194	4. Farm
		2,049	5. Industrial place (including premises)
		424	6. School (including premises)
		644	7. Place of recreation and sports, except school
		1,226	8. Other
		1,559	9. Unknown
		73,987	Blank. Not an injury
131	K-15		AT WORK AT TIME OF ACCIDENT
		2,847	1. Yes

4,439	2. No
1,459	3. Not applicable, under 18 at time of accident
381	4. Not applicable, in Armed Forces
1,644	5. Unknown
73,987	Blank. Not an injury

132	K-16	MOTOR VEHICLE INVOLVED
-----	------	------------------------

2,829	1. Yes
6,769	2. No
1,172	3. Unknown
73,987	Blank. Not an injury

133	K-16	NUMBER OF VEHICLES INVOLVED
-----	------	-----------------------------

1,732	1. One
1,062	2. Two or more
35	3. Unknown
81,928	Blank. Not an injury/no or unknown if motor vehicle involved

1 - 70 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

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

134	K-16	MOVING MOTOR VEHICLE INVOLVED
-----	------	-------------------------------

2,463	1. Yes
292	2. No
74	3. Unknown
81,928	Blank. Not an injury/no or unknown if motor vehicle involved

135-137	Recode	CLASS OF ACCIDENT
---------	--------	-------------------

9,951	111-322.
381	400. SEE APPENDIX D
360	500.
78	600.
73,987	Blank. Not an injury

138	Recode	SELECTED FIRST INJURY*
-----	--------	------------------------

7,310	1. First
839	2. Not first
76,608	Blank. Not a selected injury

139	Recode	CONDITION CAUSES PERSONAL CARE ACTIVITY
-----	--------	---

LIMITATION (5-59 years old and limited, or age 60-69 years)

2,307	1. Limited, condition main cause of limitation
1,352	2. Limited, condition secondary cause of limitation
4,059	3. Limited, but not caused by this condition
28,317	4. Not limited
48,722	Blank. Not applicable (under 5 years, 5-59 years not limited, 70+ years old)

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

1 - 71 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
140-144	Recode		EXTERNAL CAUSE OF INJURY*
		1,394	E0009. (NHIS code for unspecified cause)**
		9,376	E800-E998. ICD-9 External Causes of Injury (E-Code) (with 5th digit in range 0-9 for some categories)
		73,987	Blank. Not an injury
145	Recode		ICD-9 (E-CODE) PLACE OF OCCURRENCE
		2,013	0. Home
		210	1. Farm
		19	2. Mine and quarry
		2,132	3. Industrial place and premises
		629	4. Place for recreation and sports
		2,689	5. Street and highway
		733	6. Public building
		162	7. Residential institution
		664	8. Other specified places
		1,519	9. Unspecified Place, Unknown
		73,987	Blank. Not an injury
146-177	-		BLANK
178	Master Record		TYPE OF SUBSTRATUM
		11,137	0. Permit
		8,039	1. Area, oversampled for blacks
		65,581	2. Area, not oversampled for blacks

*Includes all listed E-codes except late effects (929, 959, 969, 977, 989, 999), and death (978). In addition, NHIS added '9' (Unknown) to the 4th digit of those E-Codes without an 'Other or unspecified' category (854, 881, 944 and 951).

**Many of the 'unspecified' E-codes (E0009) in locs. 140-144 are due to adverse reactions and therapeutic misadventures (loc. 129) and most of these will also receive a '9' (unspecified) as a place code in loc. 145.

1 - 72 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
182	Master Record		REGION
		15,565	1. Northeast
		21,263	2. Midwest
		29,173	3. South
		18,756	4. West
183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		34,169	1. 1,000,000 or more
		23,022	2. 250,000 - 999,999
		5,684	3. 100,000 - 249,999
		1,277	4. Under 100,000
		20,605	Blank. Non-MSA
184	-		BLANK
185	Master Record		TYPE OF PSU
		44,046	1. MSA - Self-representing
		20,106	3. MSA - Nonself-representing
		16	4. Non-MSA - Self-representing
		20,589	6. Non-MSA - Nonself-representing
186	Recode		MSA - NON-MSA RESIDENCE
		27,962	1. MSA - Central City
		36,190	2. MSA - Not Central City
		19,644	3. Non-MSA - Nonfarm
		961	4. Non-MSA - Farm

1 - 73 -

NHIS PUBLIC USE TAPE RECORD
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
187-189			PSEUDO PSU CODES
190-200			CHRONIC CONDITION PREVALENCE AND INCIDENCE FACTOR (XX.XXXXXXXXXX) - character format with implied decimal
201-209			FINAL BASIC WEIGHT QUARTER
210-218			SEMI-ANNUAL (WT/2)
219-227			ANNUAL (WT/4)
228-236			6.5 WEIGHT QUARTER, SEMI-ANNUAL AND ANNUAL
237-245			ESTIMATED RESTRICTED ACTIVITY DAYS IN PAST 2 WEEKS QUARTER, SEMI-ANNUAL AND ANNUAL
246-254			ESTIMATED BED DAYS IN PAST 2 WEEKS QUARTER, SEMI-ANNUAL AND ANNUAL
255-263			ESTIMATED WORK-LOSS DAYS IN PAST 2 WEEKS QUARTER, SEMI-ANNUAL AND ANNUAL
264-272			ESTIMATED SCHOOL-LOSS DAYS IN PAST 2 WEEKS QUARTER, SEMI-ANNUAL AND ANNUAL
273-281			ESTIMATED BED DAYS IN PAST 12 MONTHS QUARTER
282-290			SEMI-ANNUAL
291-299			ANNUAL
300-335			BLANK

1NOTES:

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

1NOTES:

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- 77 -

NHIS PUBLIC USE TAPE RECORDS
Outline of Items and Codes
Number of Records = 25,815
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		25,815	40. Two-week Doctor Visit Record
3-4	-		PROCESSING YEAR
		25,815	93. 1993
5	-		PROCESSING QUARTER
		7,637	1. Quarter 1
		3,918	2. Quarter 2
		6,961	3. Quarter 3
		7,299	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.

1

- 78 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
11-12	HH-5		SEGMENT NUMBER Week plus Segment Number identifies the segment
13-14	HH-5		HOUSEHOLD NUMBER Numbered within PSU-Week-Segment
15-16	-		PERSON NUMBER
17-18	-		DOCTOR VISIT SERIAL NUMBER 01-99. Serial Number
19-20	HH-5		PROCESSING WEEK CODE (Numbered within Quarter)
		2,230	01. Week 01
		1,817	02. Week 02
		2,332	03. Week 03
		1,758	04. Week 04
		2,271	05. Week 05
		1,780	06. Week 06
		2,485	07. Week 07
		1,611	08. Week 08
		2,067	09. Week 09
		1,591	10. Week 10
		2,257	11. Week 11
		1,548	12. Week 12
		2,068	13. Week 13
21	Recode		LATE INTERVIEW (OR LAST ATTEMPT) FLAG
		17,557	0. Interview not late
		6,287	1. One week late
		1,647	2. Two weeks late
		324	3. Unknown

Tape Locations	Item No.	Frequency	Items and Codes
22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		312	00. Housing unit; kind unknown
		24,017	01. House, apartment, flat
		8	02. HU in nontransient hotel, motel, etc.
		13	03. HU-permanent in transient hotel, motel, etc.
		5	04. HU in rooming house
		1,035	05. Mobile home or trailer with no permanent room added
		171	06. Mobile home or trailer with one or more permanent rooms added
		12	07. HU not specified above
			Other Unit = (08-13)
		5	08. Quarters not HU in rooming or boarding house
		0	09. Unit not permanent in transient hotel, motel, etc.
		0	10. Unoccupied site for mobile home, trailer, or tent
		87	11. Student quarters in college dormitory
		144	12. Other unit not specified above
		6	13. Other unit; kind unknown
24	HH-11		HAS TELEPHONE
		23,741	1. Yes, phone number given
		847	2. Yes, no phone number given
		1,174	3. No
		53	4. Unknown
25	A-1		SEX
		10,399	1. Male
		15,416	2. Female
26	-		BLANK

1

- 80 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

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

27-28	Person Column		AGE
		743	00. Under 1 year
		25,071	01-98. Number of years
		1	99. 99+ years of age

29	Recode		AGE RECODE #1
		2,399	1. Under 5 years
		3,050	2. 5-17 years
		1,534	3. 18-24 years
		7,300	4. 25-44 years
		5,853	5. 45-64 years
		1,608	6. 65-69 years
		1,513	7. 70-74 years
		2,558	8. 75 years and over

30	Recode		AGE RECODE #2
		2,733	1. Under 6 years
		2,531	2. 6-16 years
		1,719	3. 17-24 years
		3,405	4. 25-34 years
		3,895	5. 35-44 years
		3,150	6. 45-54 years
		2,703	7. 55-64 years
		3,121	8. 65-74 years
		2,558	9. 75 years and over

31-32	Recode		AGE RECODE #3
		1,739	00-35. Months
		24,076	36. Over 3 years

33	-		BLANK
----	---	--	-------

1 - 81 -

NHIS PUBLIC USE TAPE RECORD
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. Unknown

36-39

YEAR OF BIRTH

- 1800-1899. 1800-1899
- 1900-1994. 1900-1994
- 9999. Unknown

40

Recode

HISPANIC ORIGIN IMPUTED FLAG

- | | |
|--------|--|
| 25,486 | 0. Hispanic Origin Known |
| 329 | 1. Hispanic Origin Imputed from Reference Person |

1

- 82 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

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

41-42

L-3

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

- | | |
|--------|-----------------------|
| 20,801 | 01. White |
| 3,545 | 02. Black |
| 265 | 03. Indian (American) |
| 4 | 04. Eskimo |
| 0 | 05. Aleut |
| 83 | 06. Chinese |
| 87 | 07. Filipino |
| 32 | 08. Hawaiian |
| 49 | 09. Korean |
| 62 | 10. Vietnamese |
| 58 | 11. Japanese |
| 90 | 12. Asian Indian |
| 3 | 13. Samoan |
| 3 | 14. Guamanian |
| 55 | 15. Other API |
| 447 | 16. Other race |
| 32 | 17. Multiple race |
| 199 | 99. Unknown |

43-45

Recode

RACE RECODES

43

RECODE 1**

Persons whose Main Racial Background (location 41-42) was

- | | |
|--------|----------|
| 21,411 | 1. White |
|--------|----------|

	3,601	2. Black	"other" or "unknown" were classified in the following recodes by using the racial background observed by the interviewer. Use of these recodes is recommended for estimating statistics for the groups shown here.
	803	3. Other	
44		RECODE 2	
	21,411	1. White	
	4,404	2. Non-white	
45		RECODE 3	
	3,601	1. Black	
	22,214	2. Non-black	

*Some categories may be too small to analyze separately and therefore may produce unreliable estimates; in addition, counts may not agree with those produced by the Census Bureau.

**This recode is used to categorize race in the Current Estimates tables.
1 - 83 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
46-47	A-4		HISPANIC ORIGIN*
		24	00. Multiple Hispanic
		256	01. Puerto Rican
		107	02. Cuban
		308	03. Mexican-Mexicano
		664	04. Mexican-American
		18	05. Chicano
		184	06. Other Latin American
		201	07. Other Spanish
		18	08. Spanish, DK type
		110	09. Unknown if Spanish origin
		23,925	10. Not Spanish origin
48	L-7		MARITAL STATUS
		4,555	0. Under 14 years
		12,197	1. Married - spouse in household
		222	2. Married - spouse not in household
		2,575	3. Widowed
		1,984	4. Divorced
		519	5. Separated
		3,617	6. Never married
		146	7. Unknown
49	L-1		VETERAN STATUS
		16,888	1. Non-veteran
		11	2. WW I

1,153	3.	WW II
553	4.	Korean War
736	5.	Vietnam veteran
247	6.	Post-Vietnam
419	7.	Other service
89	8.	Served in Armed Forces, unknown if war veteran
270	9.	Unknown if served in Armed Forces
5,449	Blank.	Under 18 years of age

*If unknown, the family reference person code was imputed. A flag indicating imputation is in loc. 40 and the relationship to reference person is in loc. 63.

1

- 84 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
50	L-1		ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES
		16,888	0. Non-veteran
		195	1. All service in Guard/Reserve
		450	2. Some service in Guard/Reserve
		5	3. Unknown if all service in Guard/Reserve
		2,317	4. No active service in Guard/Reserve
		511	5. Unknown if ever active member in Guard/Reserve or if served in Armed Forces
		5449	Blank. Under 18 years of age
51-52	L-2		EDUCATION OF INDIVIDUAL - COMPLETED YEARS
		787	00. Never attended; kindergarten only
		14,054	01-12. Grades 1-12
			College:
		1,483	13. 1 year
		1,975	14. 2 years
		800	15. 3 years
		2,179	16. 4 years
		524	17. 5 years
		1,266	18. 6 years or more
		348	19. Unknown
		2,399	Blank. Under 5 years of age
53	Recode		EDUCATION OF INDIVIDUAL RECODE
		787	0. None; kindergarten only
		3,812	1. 1-8 years (elementary)
		3,053	2. 9-11 years (high school)

7,189	3.	12 years (high school graduate)
4,258	4.	1-3 years (college)
2,179	5.	4 years (college graduate)
1,790	6.	5+ years (post-college)
348	7.	Unknown
2,399	Blank.	Under 5 years of age

1

- 85 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
54-55	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER (Detail)
		34	00. Never attended; kindergarten only
		12,157	01-12. Grades 1-12
			College:
		1,939	13. 1 year
		3,180	14. 2 years
		1,143	15. 3 years
		3,615	16. 4 years
		919	17. 5 years
		2,597	18. 6 years or more
		231	19. Unknown
56	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER - Recode
		34	0. None; kindergarten only
		1,328	1. 1-8 years (elementary)
		2,266	2. 9-11 years (high school)
		8,563	3. 12 years (high school graduate)
		6,262	4. 1-3 years (college)
		3,615	5. 4 years (college graduate)
		3,516	6. 5+ years (post-college)
		231	7. Unknown
57	L-8		FAMILY INCOME \$20,000 OR MORE
		9,084	1. Less than \$20,000
		15,966	2. \$20,000 or more
		765	3. Unknown

1

- 86 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape

Locations	Item No.	Frequency	Items and Codes
58-59	L-8		FAMILY INCOME
		125	00. Less than \$1,000
		136	01. \$ 1,000 - \$ 1,999
		231	02. 2,000 - 2,999
		190	03. 3,000 - 3,999
		319	04. 4,000 - 4,999
		531	05. 5,000 - 5,999
		478	06. 6,000 - 6,999
		472	07. 7,000 - 7,999
		435	08. 8,000 - 8,999
		531	09. 9,000 - 9,999
		576	10. 10,000 - 10,999
		312	11. 11,000 - 11,999
		638	12. 12,000 - 12,999
		220	13. 13,000 - 13,999
		304	14. 14,000 - 14,999
		462	15. 15,000 - 15,999
		340	16. 16,000 - 16,999
		291	17. 17,000 - 17,999
		401	18. 18,000 - 18,999
		579	19. 19,000 - 19,999
		1,953	20. 20,000 - 24,999
		1,663	21. 25,000 - 29,999
		1,707	22. 30,000 - 34,999
		1,322	23. 35,000 - 39,999
		1,368	24. 40,000 - 44,999
		1,170	25. 45,000 - 49,999
		5,144	26. \$50,000 and over
		3,917	27. Unknown

Locations	Item No.	Frequency	Items and Codes
60	Recode		FAMILY INCOME RECODE
		1,001	0. Under \$5,000
		1,009	1. \$ 5,000 - \$ 6,999
		1,438	2. 7,000 - 9,999
		2,050	3. 10,000 - 14,999
		2,073	4. 15,000 - 19,999
		1,953	5. 20,000 - 24,999
		3,370	6. 25,000 - 34,999
		3,860	7. 35,000 - 49,999
		5,144	8. \$50,000 or more
		3,917	9. Unknown

1

- 87 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
61	Generated		NHIS POVERTY INDEX*

20,012	1. Above poverty threshold
3,515	2. Below poverty threshold
2,288	3. Unknown

62-63

FAMILY RELATIONSHIP

62 A-2

TYPE OF FAMILY

4,190	&. Primary individual
292	-. Secondary individual
21,293	0. Primary family
40	1-9. Secondary family

63 A-2

RELATIONSHIP TO REFERENCE PERSON

3,876	&. Reference person, living alone
8,484	0. Reference person, 2+ persons in household
6,247	1. Spouse, other spouse NOT in Armed Forces and living at home
67	2. Spouse, other spouse IN Armed Forces and living at home
6,039	3. Child of reference person or spouse
338	4. Grandchild of reference person or spouse
374	5. Parent of reference person or spouse
382	6. Other relative
8	7. Child of ineligible reference person
0	9. Unknown

64 Recode

FAMILY RELATIONSHIP RECODE

3,876	1. Living alone
606	2. Living only with non-relative
12,194	3. Living with spouse
9,139	4. Living with relative - other

*Based on family size, number of children under 18 years of age and family income using the 1992 poverty levels derived from the August, 1993 Current Population Survey.

1

- 88 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

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

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)

4,015	1. Both parents, no other relative
1,088	2. Mother only
56	3. Father only
322	4. Both parents and other 21+ year old adult relative
329	5. Mother and other 21+ year old adult relative
19	6. Father and other 21+ year old adult relative
61	7. No parent, but one 21+ year old adult relative
79	8. No parent, but two or more 21+ year old adult relatives
90	9. Unknown
354	0. Other
19,402	Blank. Not applicable (25+ years old or ever married)

69 B-1
B-8

MAJOR ACTIVITY (18+ years old)

9,323	1. Working
4,379	2. Keeping house
798	3. Going to school
5,704	4. Something else
162	5. Unknown
5,449	Blank. Not applicable (Under 18 years)

*Count includes spouse in military but living at home.

1

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

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

70 G-4

HEALTH STATUS

5,133	1. Excellent
6,035	2. Very Good
7,075	3. Good
4,296	4. Fair
3,167	5. Poor
109	6. Unknown

71 Recode

ACTIVITY LIMITATION STATUS - (all ages)*

4,681	1. Unable to perform major activity
3,384	2. Limited in kind/amount major activity
2,158	3. Limited in other activities
15,592	4. Not limited (includes unknowns)

72	Recode	ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
	3,971	1. Unable to work
	1,658	2. Limited in kind/amount of work
	1,133	3. Limited in other activities
	9,533	4. Not limited (includes unknowns)
	9,520	Blank. Not applicable (under 18 years, 70+ years)

73	B-11	LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
	114	1. Unable to attend school
	183	2. Attends special school/classes
	51	3. Needs special school/classes
	129	4. Limited in school attendance
	179	5. Limited in other activities
	2,394	6. Not limited (includes unknowns)
	22,765	Blank. Not applicable (under 5 years or 18+ years)

*This recode is used to categorize persons with limitation of activity in the Current Estimates tables.

1

- 90 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
74	B-14		NEEDS HELP WITH PERSONAL CARE (5-59 years old and limited, or age 60-69 years)*
		818	1. Unable to perform personal care needs
		1,583	2. Limited in performing other routine needs
		6,193	3. Not limited in performing personal or routine needs
		37	4. Unknown
		17,184	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)

8,722	1. Worked in past 2 weeks
860	2. Did not work, has job; not on lay-off and not looking for work
12	3. Did not work, has job; looking for work

Unemployed: (4-7)

66	4. Did not work, has job; on lay-off
0	5. Did not work, has job; on lay-off and looking for work
106	6. Did not work, has job; unknown if looking or on lay-off
441	7. Did not work, has no job; looking for work or on lay-off

Not in Labor Force (18+ years): (8)

10,159	8. Not in Labor Force (18+ years)
5,449	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.

1

- 91 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
76	L-6		CLASS OF WORKER
		10,159	0. Not in labor force
		6,920	1. Private company
		313	2. Federal Government employee
		608	3. State Government employee
		1,019	4. Local Government employee
		274	5. Incorporated business
		868	6. Self-employed
		22	7. Without pay
		8	8. Never worked
		175	9. Unknown
		5,449	Blank. Under 18
77-79	L-6		INDUSTRY DETAIL CODE
		10,207	010-998. Code number
		15,608	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	10,207 15,608	OCCUPATION DETAIL CODE 001-998. Code number Blank. Not applicable
87-88	Recode		OCCUPATION RECODE 1 SEE APPENDIX C
89-90	Recode		OCCUPATION RECODE 2 SEE APPENDIX C

1

- 92 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
91	L-R		RESPONDENT
		14,781	1. Self-entirely
		1,409	2. Self-partly
		9,460	3. Proxy
		165	4. Unknown
92	Recode		CONDITION LIST ASSIGNED AND ASKED
		4,309	1. Condition List 1, Skin and musculoskeletal
		4,338	2. Condition List 2, Impairments
		4,269	3. Condition List 3, Digestive
		4,401	4. Condition List 4, Miscellaneous
		4,061	5. Condition List 5, Circulatory
		4,224	6. Condition List 6, Respiratory
		213	7. Unknown

93-96	F-1		DATE OF VISIT
		0	6666. During 2 weeks, DK when
		2,850	7777. Last week, DK day
		3,027	8888. Week before, DK day
93-94			MONTH
		1,796	01. January
		1,859	02. February
		2,129	03. March
		1,209	04. April
		1,054	05. May
		921	06. June
		1,770	07. July
		1,795	08. August
		1,638	09. September
		1,823	10. October
		1,936	11. November
		1,745	12. December
		263	99. DK month
95-96			DAY
		19,675	01-31. Day of month
		263	99. DK day codes for Unknown in month and day

1

- 93 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
97-98 between	Recode		DOCTOR VISIT VALUES (Number of days Date of Visit and Interview)
		246	00. Visit on last Sunday of reference period
		513	01. Visit on second Saturday of reference period
		2,041	02. Visit on second Friday of reference period
		1,957	03. Visit on second Thursday of reference period
		1,972	04. Visit on second Wednesday of reference period
		1,975	05. Visit on second Tuesday of reference period
		2,092	06. Visit on second Monday of reference period
		251	07. Visit on first Sunday of reference

	440	08. Visit on first Saturday of reference period
	1,545	09. Visit on first Friday of reference period
	1,550	10. Visit on first Thursday of reference period
	1,637	11. Visit on first Wednesday of reference period
	1,568	12. Visit on first Tuesday of reference period
	1,888	13. Visit on first Monday of reference period
	6,140	14. No value (records not coded 01-31 in Day of Month of Visit)

99	Recode	DAY OF WEEK OF VISIT
	3,980	1. Monday
	3,543	2. Tuesday
	3,609	3. Wednesday
	3,507	4. Thursday
	3,586	5. Friday
	953	6. Saturday
	497	7. Sunday
	6,140	8. Unknown

1 - 94 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
100	Recode		WEEK OF VISIT
		13,646	1. Last week
		11,906	2. Week before
		263	3. During 2 weeks, DK when

101-102	PLACE OF VISIT
	01. Telephone
	Not in Hospital
	02. Home
	03. Doctor's office
	04. Company or Industrial clinic
	05. Other clinic
	06. Laboratory
	07. Other
	In Hospital

1,865	08. Outpatient clinic
912	09. Emergency Room
702	10. Doctor's office
162	11. Laboratory
299	12. Other
185	13. Unknown

103	Recode		PLACE OF VISIT
		3,074	1. Telephone
		14,186	2. Doctor's office (not in hospital)
		1,865	3. Hospital Outpatient clinic
		912	4. Hospital Emergency Room
		702	5. Doctor's office in hospital
		361	6. Company or Industry clinic
		1,485	7. Home
		3,045	8. Other place (Loc. 101-102 = 5,6,7,11,12)
		185	9. Unknown

1

- 95 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
104	F-3		MEDICAL DOCTOR ACTUALLY TALKED TO
		18,565	1. Yes
		6,801	2. No
		449	3. Unknown
105-106	F-3		KIND OF MEDICAL DOCTOR FOR THIS DOCTOR VISIT/CONTACT
		1,908	00. M.D., DK if G.P. or specialist
		9,781	01. General practitioner
		25	02. Anesthesiologist
		410	03. Dermatologist
		2,917	04. Internist
		363	05. Neurologist
		1,493	06. Obstetrician/Gynecologist
		753	07. Ophthalmologist
		1,221	08. Orthopedist
		85	09. Osteopath
		390	10. Otolaryngologist
		5	11. Pathologist
		2,117	12. Pediatrician
		18	13. Proctologist
		713	14. Psychiatrist
		622	15. Radiologist
		480	16. Surgeon (not listed above)
		452	18. Urologist

311	19.	Other M.D. specialist
334	20.	Specialist, DK kind
44	21.	Family Practice (specialist)
1,235	22.	DK if medical doctor
138	Blank.	Not applicable; no medical doctor reported for this visit/contact

1

- 96 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
107-108	F-3		TYPE OF MEDICAL ASSISTANT SEEN/TALKED TO
		163	31. Nurse practitioner
		119	32. Physician's assistant
		3,190	33. Nurse
		223	34. Laboratory technician
		6	35. Paramedic
		628	36. Physical therapist
		5	37. Social worker
		38	38. Pharmacist
		111	39. X-ray technician
		218	40. Other technician
		66	41. Dentist/oral surgeon
		67	42. Optometrist/Optician
		554	43. Chiropractor
		242	44. Foot specialist
		0	45. Dietician
		133	46. Psychologist
		10	47. Nutritionist
		0	48. Naprapath
		1	49. Orthoptic technician/Orthopist
		748	50. Other non-medical person
		728	51. Unknown type of medical assistant
		18,565	Blank. Not applicable; medical assistant not talked to (Location 104 = 1)

1

- 97 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
109-110	F-3		TYPE OF PERSON TALKED TO/SEEN
		699	00. M.D., DK if G.P. or specialist
		7,849	01. General practitioner
		25	02. Anesthesiologist
		383	03. Dermatologist

2,117	04.	Internist
271	05.	Neurologist
1,212	06.	Obstetrician/Gynecologist
709	07.	Ophthalmologist
863	08.	Orthopedist
63	09.	Osteopath
326	10.	Otolaryngologist
4	11.	Pathologist
1,802	12.	Pediatrician
17	13.	Proctologist
474	14.	Psychiatrist
412	15.	Radiologist
421	16.	Surgeon (not listed above)
323	18.	Urologist
212	19.	Other M.D. specialist
277	20.	Specialist, DK kind
39	21.	Family Practice (specialist)
163	31.	Nurse practitioner
119	32.	Physician's assistant
3,190	33.	Nurse
223	34.	Laboratory technician
6	35.	Paramedic
628	36.	Physical therapist
5	37.	Social worker
38	38.	Pharmacist
111	39.	X-ray technician
218	40.	Other technician
66	41.	Dentist/Oral surgeon
67	42.	Optometrist/Optician
554	43.	Chiropractor
242	44.	Foot specialist
0	45.	Dietician
133	46.	Psychologist
10	47.	Nutritionist
0	48.	Naprapath
1	49.	Orthoptic technician/Orthoptist
748	50.	Other non-medical person
728	51.	Not MD; unknown type of medical assistant
67	52.	Unknown if MD

1

- 98 -

NHIS PUBLIC USE TAPE RECORD
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
		275	0000. No matched condition record
		21,259	ICD/NHIS Code (note Unknown = 7999)
		4,281	Blank. No condition for this visit
117	Condition Record		CHRONIC/ACUTE CODE
		275	0. No matched condition record
		13,459	1. Chronic
		7,800	2. Acute
		4,281	Blank. No condition for this visit
118-121	Condition Record		ACUTE RECODE (A)
		275	0000. No matched condition record
		7,098	1001-5931. Acute Recode
		702	5932. All other acute conditions including unknowns
		17,740	Blank. Chronic condition or no condition for this visit
122-124	Condition Record		CHRONIC RECODE (C)
		275	000. No matched condition record
		9,771	101-615. Chronic Recode
		3,688	999. All other chronic conditions including unknowns
		12,081	Blank. Acute condition or no condition for this visit
125-127	Condition Record		CONDITION RECODE (B)
		275	000. No matched condition record
		21,092	010-570. Condition recode
		167	990. All other conditions including unknown
		4,281	Blank. No condition for this visit

1

- 99 -

NHIS PUBLIC USE TAPE RECORD
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
		65	0000. No matched condition record
		3,782	ICD/NHIS Code (note Unknown = 7999)
		21,968	Blank. No condition for this visit
134	Condition Record		CHRONIC/ACUTE CODE
		65	0. No matched condition record
		2,732	1. Chronic
		1,050	2. Acute
		21,968	Blank. No condition for this visit
135-138	Condition Record		ACUTE RECODE (A)
		65	0000. No matched condition record
		898	1001-5931. Acute Recode
		152	5932. All other acute conditions including unknowns
		24,700	Blank. Chronic condition or no condition for this visit
139-141	Condition Record		CHRONIC RECODE (C)
		65	000. No matched condition record
		2,080	101-615. Chronic Recode
		652	999. All other chronic conditions including unknowns
		23,018	Blank. Acute condition or no condition for this visit
142-144	Condition Record		CONDITION RECODE (B)
		65	000. No matched condition record
		3,749	010-570. Condition recode
		33	990. All other conditions including unknown
		21,968	Blank. No condition for this visit

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- 100 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
111-161 cont..			CONDITIONS FOR WHICH DOCTOR VISITED-
145-161			CONDITION NO. 3
145-146	F-4		SERIAL NUMBER 01-99. Condition Serial Number Blank.

147-150	Condition Record		ICD/NHIS CODE
		19	0000. No matched condition record
		944	ICD/NHIS Code (note Unknown = 7999)
		24,852	Blank. No condition for this visit
151	Condition Record		CHRONIC/ACUTE CODE
		19	0. No matched condition record
		783	1. Chronic
		161	2. Acute
		24,852	Blank. No condition for this visit
152-155	Condition Record		ACUTE RECODE (A)
		19	0000. No matched condition record
		106	1001-5931. Acute Recode
		55	5932. All other acute conditions including unknowns
		25,635	Blank. Chronic condition or no condition for this visit
156-158	Condition Record		CHRONIC RECODE (C)
		19	000. No matched condition record
		615	101-615. Chronic Recode
		168	999. All other chronic conditions including unknowns
		25,013	Blank. Acute condition or no condition for this visit
159-161	Condition Record		CONDITION RECODE (B)
		19	000. No matched condition record
		923	010-570. Condition recode
		21	990. All other conditions including unknown
		24,852	Blank. No condition for this visit

1

- 101 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
162	F-5		OPERATIONS PERFORMED DURING THIS VISIT
		958	1. Yes
		21,000	2. No
		783	3. Unknown
		3,074	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
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178	Master Record		TYPE OF SUBSTRATUM
		3,974	0. Permit
		2,333	1. Area, oversampled for blacks
		19,508	2. Area, not oversampled for blacks

179-181	-	FULL SAMPLE STRATUM IDENTIFIER
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1 - 102 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

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

182	Master Record		REGION
		5,186	1. Northeast
		6,562	2. Midwest
		8,437	3. South
		5,630	4. West

183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		10,979	1. 1,000,000 or more
		7,242	2. 250,000 - 999,999
		1,689	3. 100,000 - 249,999
		340	4. Under 100,000
		5,565	Blank. Non-MSA

184	-	BLANK
-----	---	-------

185	Master		TYPE OF PSU
-----	--------	--	-------------

Record

14,033	1. MSA - Self-representing
6,217	3. MSA - Nonself-representing
4	4. Non-MSA - Self-representing
5,561	6. Non-MSA - Nonself-representing

186

Recode

MSA - NON-MSA RESIDENCE

8,687	1. MSA - Central City
11,563	2. MSA - Not Central City
5,313	3. Non-MSA - Nonfarm
252	4. Non-MSA - Farm

187-189

-

PSEUDO PSU CODES

190-200

-

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

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- 103 -

NHIS PUBLIC USE TAPE RECORD
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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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

237-335

BLANK

1NOTES:

1

- 105 -

H O S P I T A L R E C O R D

1NOTES:

1

- 107 -

NHIS PUBLIC USE TAPE RECORDS
Outline of Items and Codes
Number of Records = 11,098
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		11,098	50. Hospital Record
3-4	-		PROCESSING YEAR
		11,098	93. 1993
5	-		PROCESSING QUARTER
		3,148	1. Quarter 1
		1,709	2. Quarter 2
		3,141	3. Quarter 3
		3,100	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.

1

- 108 -

NHIS PUBLIC USE TAPE RECORD
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)
		1,074	01. Week 01
		802	02. Week 02
		913	03. Week 03
		734	04. Week 04
		994	05. Week 05
		738	06. Week 06
		941	07. Week 07
		702	08. Week 08
		1,025	09. Week 09
		646	10. Week 10
		908	11. Week 11
		688	12. Week 12
		933	13. Week 13
21	Recode		LATE INTERVIEW (OR LAST ATTEMPT) FLAG
		7,535	0. Interview not late
		2,666	1. One week late
		714	2. Two weeks late
		183	3. Unknown

1

- 109 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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22-23

HH-10d

TYPE OF LIVING QUARTERS:

Housing Unit = (00-07)

149	00.	Housing unit; kind unknown
10,203	01.	House, apartment, flat
14	02.	HU in nontransient hotel, motel, etc.
9	03.	HU-permanent in transient hotel, motel, etc.
2	04.	HU in rooming house
564	05.	Mobile home or trailer with no permanent room added
92	06.	Mobile home or trailer with one or more permanent rooms added
4	07.	HU not specified above

Other Unit = (08-13)

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

24

HH-11

HAS TELEPHONE

9,996	1.	Yes, phone number given
329	2.	Yes, no phone number given
746	3.	No
27	4.	Unknown

25

A-1

SEX

4,404	1.	Male
6,694	2.	Female

26

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BLANK

1

- 110 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

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

Person Column

AGE

250	00.	Under 1 year
10,847	01-98.	Number of years
1	99.	99+ years of age

29	Recode		AGE RECODE #1
		654	1. Under 5 years
		687	2. 5-17 years
		939	3. 18-24 years
		3,167	4. 25-44 years
		2,486	5. 45-64 years
		890	6. 65-69 years
		831	7. 70-74 years
		1,444	8. 75 years and over

30	Recode		AGE RECODE #2
		706	1. Under 6 years
		551	2. 6-16 years
		1,023	3. 17-24 years
		1,805	4. 25-34 years
		1,362	5. 35-44 years
		1,246	6. 45-54 years
		1,240	7. 55-64 years
		1,721	8. 65-74 years
		1,444	9. 75 years and over

31-32	Recode		AGE RECODE #3
		512	00-35. Months
		10,586	36. Over 3 years

33	-		BLANK
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1 - 111 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

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

36-39

YEAR OF BIRTH

1800-1899. 1800-1899
 1900-1994. 1900-1994
 9999. Unknown

40	Recode		HISPANIC ORIGIN IMPUTED FLAG
		10,970	0. Hispanic Origin Known
		128	1. Hispanic Origin Imputed from Reference Person

1 - 112 -

NHIS PUBLIC USE TAPE RECORD
 HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
41-42	L-3		MAIN RACIAL BACKGROUND* (See notation for locations 43-45)
		8,767	01. White
		1,776	02. Black
		100	03. Indian (American)
		0	04. Eskimo
		1	05. Aleut
		27	06. Chinese
		41	07. Filipino
		4	08. Hawaiian
		14	09. Korean
		19	10. Vietnamese
		21	11. Japanese
		33	12. Asian Indian
		1	13. Samoan
		0	14. Guamanian
		25	15. Other API
		181	16. Other race
		18	17. Multiple race
		70	99. Unknown

43-45	Recode		RACE RECODES
43			RECODE 1**
		9,018	1. White
		1,785	2. Black
		295	3. Other
the			Persons whose Main Racial Background (location 41-42) was "other" or "unknown" were classified in
44			RECODE 2
by		9,018	1. White
			following recodes by using the racial background observed the interviewer. Use

	2,080	2. Non-white	of these recodes is recommended for estimating statistics for the groups shown here.
45		RECODE 3	
	1,785	1. Black	
	9,313	2. Non-black	

*Some categories may be too small to analyze separately and therefore may produce unreliable estimates; in addition, counts may not agree with those produced by the Census Bureau.

**This recode is used to categorize race in the Current Estimates tables.

1 - 113 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
46-47	A-4		HISPANIC ORIGIN*
		7	00. Multiple Hispanic
		125	01. Puerto Rican
		61	02. Cuban
		198	03. Mexican-Mexicano
		299	04. Mexican-American
		7	05. Chicano
		74	06. Other Latin American
		72	07. Other Spanish
		1	08. Spanish, DK type
		55	09. Unknown if Spanish origin
		10,199	10. Not Spanish origin
48	L-7		MARITAL STATUS
		1,029	0. Under 14 years
		5,993	1. Married - spouse in household
		148	2. Married - spouse not in household
		1,358	3. Widowed
		829	4. Divorced
		246	5. Separated
		1,441	6. Never married
		54	7. Unknown
49	L-1		VETERAN STATUS
		7,816	1. Non-veteran
		7	2. WW I
		798	3. WW II
		285	4. Korean War
		316	5. Vietnam veteran
		102	6. Post-Vietnam
		238	7. Other service

43	8.	Served in Armed Forces, unknown if war veteran
152	9.	Unknown if served in Armed Forces
1,341	Blank.	Under 18 years of age

*If unknown, the family reference person code was imputed. A flag indicating imputation is in loc. 40 and the relationship to reference person is in loc. 63.

1 - 114 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
50	L-1		ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES
		7,816	0. Non-veteran
		81	1. All service in Guard/Reserve
		223	2. Some service in Guard/Reserve
		2	3. Unknown if all service in Guard/Reserve
		1,352	4. No active service in Guard/Reserve
		283	5. Unknown if ever active member in Guard/Reserve or if served in Armed Forces
		1,341	Blank. Under 18 years of age
51-52	L-2		EDUCATION OF INDIVIDUAL - COMPLETED YEARS
		185	00. Never attended; kindergarten only
		6,939	01-12. Grades 1-12
			College:
		623	13. 1 year
		797	14. 2 years
		275	15. 3 years
		877	16. 4 years
		163	17. 5 years
		433	18. 6 years or more
		152	19. Unknown
		654	Blank. Under 5 years of age

1 - 115 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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53	Recode		EDUCATION OF INDIVIDUAL RECODE
		185	0. None; kindergarten only
		1,686	1. 1-8 years (elementary)
		1,621	2. 9-11 years (high school)
		3,632	3. 12 years (high school graduate)
		1,695	4. 1-3 years (college)
		877	5. 4 years (college graduate)
		596	6. 5+ years (post-college)
		152	7. Unknown
		654	Blank. Under 5 years of age

54-55	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER (Detail)
		24	00. Never attended; kindergarten only
		6,152	01-12. Grades 1-12
			College:
		770	13. 1 year
		1,171	14. 2 years
		424	15. 3 years
		1,343	16. 4 years
		264	17. 5 years
		851	18. 6 years or more
		99	19. Unknown

56	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER RECODE
		24	0. None; kindergarten only
		791	1. 1-8 years (elementary)
		1,288	2. 9-11 years (high school)
		4,073	3. 12 years (high school graduate)
		2,365	4. 1-3 years (college)
		1,343	5. 4 years (college graduate)
		1,115	6. 5+ years (post-college)
		99	7. Unknown

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
57	L-8		FAMILY INCOME \$20,000 OR MORE
		4,927	1. Less than \$20,000
		5,815	2. \$20,000 or more
		356	3. Unknown

FAMILY INCOME

55	00.	Less than	\$1,000
97	01.	\$ 1,000 -	\$ 1,999
110	02.	2,000 -	2,999
111	03.	3,000 -	3,999
178	04.	4,000 -	4,999
250	05.	5,000 -	5,999
243	06.	6,000 -	6,999
297	07.	7,000 -	7,999
205	08.	8,000 -	8,999
271	09.	9,000 -	9,999
283	10.	10,000 -	10,999
181	11.	11,000 -	11,999
302	12.	12,000 -	12,999
166	13.	13,000 -	13,999
177	14.	14,000 -	14,999
237	15.	15,000 -	15,999
186	16.	16,000 -	16,999
175	17.	17,000 -	17,999
231	18.	18,000 -	18,999
301	19.	19,000 -	19,999
829	20.	20,000 -	24,999
647	21.	25,000 -	29,999
677	22.	30,000 -	34,999
467	23.	35,000 -	39,999
480	24.	40,000 -	44,999
405	25.	45,000 -	49,999
1,582	26.	\$50,000 and over	
1,955	27.	Unknown	

1

- 117 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
60	Recode		FAMILY INCOME RECODE
		551	0. Under \$5,000
		493	1. \$ 5,000 - \$ 6,999
		773	2. 7,000 - 9,999
		1,109	3. 10,000 - 14,999
		1,130	4. 15,000 - 19,999
		829	5. 20,000 - 24,999
		1,324	6. 25,000 - 34,999
		1,352	7. 35,000 - 49,999
		1,582	8. \$50,000 or more
		1,955	9. Unknown
61	Generated		NHIS POVERTY INDEX*
		7,963	1. Above poverty threshold
		1,905	2. Below poverty threshold
		1,230	3. Unknown

62-63		FAMILY RELATIONSHIP	
62	A-2		TYPE OF FAMILY
		1,788	&. Primary individual
		77	-. Secondary individual
		9,209	0. Primary family
		24	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		1,746	&. Reference person, living alone
		3,871	0. Reference person, 2+ persons in household
		3,095	1. Spouse, other spouse NOT in Armed Forces and living at home
		58	2. Spouse, other spouse IN Armed Forces and living at home
		1,773	3. Child of reference person or spouse
		117	4. Grandchild of reference person or spouse
		244	5. Parent of reference person or spouse
		193	6. Other relative
		1	7. Child of ineligible reference person
		0	9. Unknown

*Based on family size, number of children under 18 years of age & family income using the 1992 poverty levels derived from the August, 1993 Current Population Survey.

1

- 118 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
64	Recode		FAMILY RELATIONSHIP RECODE
		1,746	1. Living alone
		119	2. Living only with non-relative
		5,991	3. Living with spouse
		3,242	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)

933	1.	Both parents, no other relative
388	2.	Mother only
20	3.	Father only
94	4.	Both parents and other 21+ year old adult relative
124	5.	Mother and other 21+ year old adult relative
11	6.	Father and other 21+ year old adult relative
26	7.	No parent, but one 21+ year old adult relative
20	8.	No parent, but two or more 21+ year old adult relatives
55	9.	Unknown
108	0.	Other
9,319	Blank.	Not applicable (25+ years old or ever married)

*Count includes spouse in military but living at home.

1 - 119 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
69	B-1 B-8		MAJOR ACTIVITY (18+ years old)
		3,431	1. Working
		2,515	2. Keeping house
		291	3. Going to school
		3,423	4. Something else
		97	5. Unknown
		1,341	Blank. Not applicable (Under 18 years)
70	G-4		HEALTH STATUS
		1,797	1. Excellent
		1,913	2. Very Good
		3,008	3. Good
		2,331	4. Fair
		1,993	5. Poor
		56	6. Unknown
71	Recode		ACTIVITY LIMITATION STATUS - (all ages)*
		2,646	1. Unable to perform major activity
		1,529	2. Limited in kind/amount major activity
		1,048	3. Limited in other activities
		5,875	4. Not limited (includes unknowns)
72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		2,243	1. Unable to work

603	2.	Limited in kind/amount of work
442	3.	Limited in other activities
4,194	4.	Not limited (includes unknowns)
3,616	Blank.	Not applicable (under 18 years; 70+ years)

73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		74	1. Unable to attend school
		56	2. Attends special school/classes
		10	3. Needs special school/classes
		54	4. Limited in school attendance
		58	5. Limited in other activities
		435	6. Not limited (includes unknowns)
		10,411	Blank. Not applicable (under 5 years; 18+ years)

*This recode is used to categorize persons with limitation of activity in the Current Estimates tables.

1

- 120 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
74	B-14		NEEDS HELP WITH PERSONAL CARE (5-59 years old and limited, or age 60-69 years)*
		484	1. Unable to perform personal care needs
		766	2. Limited in performing other routine needs
		2,716	3. Not limited in performing personal or routine needs
		27	4. Unknown
		7,105	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)
		3,128	1. Worked in past 2 weeks
		373	2. Did not work, has job; not on lay-off and not looking for work
		7	3. Did not work, has job; looking for work
			Unemployed: (4-7)

33	4. Did not work, has job; on lay-off
0	5. Did not work, has job; on lay-off and looking for work
53	6. Did not work, has job; unknown if looking or on lay-off
240	7. Did not work, has no job; looking for work or on lay-off

Not in Labor Force (18+ years): (8)

5,923	8. Not in Labor Force (18+ years)
1,341	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.

1 - 121 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
76	L-6		CLASS OF WORKER
		5,923	0. Not in labor force
		2,701	1. Private company
		98	2. Federal Government employee
		186	3. State Government employee
		345	4. Local Government employee
		79	5. Incorporated business
		331	6. Self-employed
		6	7. Without pay
		7	8. Never worked
		81	9. Unknown
		1,341	Blank. Under 18
77-79	L-6		INDUSTRY DETAIL CODE
		3,834	010-998. Code number
		7,264	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
		3,834	001-998. Code number
		7,264	Blank. Not applicable

87-88	Recode		OCCUPATION RECODE 1
			SEE APPENDIX C

89-90	Recode		OCCUPATION RECODE 2
			SEE APPENDIX C

1 - 122 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
91	L-R		RESPONDENT
		6,917	1. Self-entirely
		668	2. Self-partly
		3,422	3. Proxy
		91	4. Unknown
92	Recode		CONDITION LIST ASSIGNED AND ASKED
		1,873	1. Condition List 1, Skin and Musculoskeletal
		1,770	2. Condition List 2, Impairments
		1,875	3. Condition List 3, Digestive
		1,803	4. Condition List 4, Miscellaneous
		1,808	5. Condition List 5, Circulatory
		1,845	6. Condition List 6, Respiratory
		124	7. Unknown
93-94	Recode		HOSPITAL EPISODE NUMBER FOR SHORT-STAY HOSPITALS IN PAST YEAR
		10,902	01+. Number
		196	Blank. Long-stay hospitals

1 - 123 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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95-96

J-6

TYPE OF SERVICE

10,074	01.	General
80	02.	Psychiatric
1	03.	Tuberculosis
37	04.	Maternity
4	06.	Ear, Eye, Nose and Throat
185	07.	Children's
10	08.	Orthopedic
0	09.	Contagious Disease
3	10.	Chronic Disease
1	11.	Hospital department of institution
57	12.	All other
0	89.	In index, unknown type
142	90.	DK (entry of DK for hospital name and Not Reported, less than 31 nights in hospital)
21	92.	DK (entry of DK for hospital name and Not Reported - 31 or more nights in hospital)
21	93.	Hospitalized in Foreign Country, not in index
0	94.	Nursing personal, and domiciliary care homes
3	95.	Nursing home, assumed from title
7	98.	Osteopathic
452	99.	Not identified as a hospital, not in index

97

Recode

RECODE FOR TYPE OF SERVICE

10,902	1.	Short-stay hospitals (Codes 01, 04, 06, 07, 11, 89, 90, 98, 99)
175	2.	Long-stay hospitals (Codes 02, 03, 08, 09, 10, 12, 92, 94, 95)
21	3.	Not in index (Code 93)

1

- 124 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
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98-99

J-6

TYPE OF OWNERSHIP

	1.	Governmental, nonfederal
285	12.	State
409	13.	County
201	14.	City
25	15.	City-county
520	16.	Hospital district
	2.	Nonprofit
1,859	21.	Church operated or related

	5,843	23. Other nonprofit
	0	24. Nonprofit, N.O.S.
		3. Proprietary
	5	31. Individual
	62	32. Partnership
	977	33. Corporation (profit)
	0	34. Proprietary, N.O.S.
		4. Government, Federal
	32	41. Air Force
	51	51. Army
	11	61. Navy
	0	62. Department of Defense, N.O.S.
	7	71. Public Health Service
	165	81. Veterans Administration
	0	91. Other Federal
		5. All other
	0	89. In index, unknown type
	142	90. DK (entry of DK for hospital name and Not Reported, less than 31 nights in hospital)
	21	92. DK (entry of DK for hospital name and Not Reported - 31 or more nights in hospital)
	21	93. Hospitalized in Foreign
Country,		not in index
	3	95. Nursing home, assumed from
title		
	7	98. Osteopathic
	452	99. Not identified as a hospital, not in index

1

- 125 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
100-105	J-2		DATE OF ADMISSION
100-101			MONTH
		952	01. January
		817	02. February
		979	03. March
		878	04. April
		871	05. May
		913	06. June
		985	07. July
		913	08. August
		879	09. September
		961	10. October
		956	11. November

	994	12. December
102-103		DAY OF MONTH
		01-31. Day of month
104-105		YEAR
	0	89. 1989
	0	90. 1990
	3	91. 1991
	5,001	92. 1992
	6,090	93. 1993
	4	94. 1994

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

110	Derived	ADMISSION RECODE
	414	1. Admission in past 2 weeks
	10,465	2. Admission 2 weeks to a year ago
	219	3. Admission prior to past 12 months

1 - 126 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
111-114	Derived		NUMERICAL VALUE FOR DATE OF INTERVIEW
		11,098	1471-1842. Values
		0	9999. Unknown
115-118	Derived		DERIVED DATE OF DISCHARGE
		11,098	0002-1842. Values
		0	9999. Unknown
119-121	Derived		NUMBER OF NIGHTS IN PAST 12 MONTHS
			000-365. Number of nights
122-123	Derived		NUMBER OF NIGHTS IN PAST 2 WEEKS
			00-14. Number of nights
124-126	Derived		J - VALUE

65 Blank. Negative value
 11,033 000-364. Value

127	Recode		J - RECODE
		65	0. Still in hospital
		550	1. Discharges past 2 weeks (000-013)
		5,466	2. Discharges in 2 weeks to 6 months (014-181)
		5,017	3. Discharges in 6-12 months (182-364)

128-131 J-3 TOTAL NIGHTS IN HOSPITAL
 0001-0365. Nights

1 - 127 -

NHIS PUBLIC USE TAPE RECORD
 HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
132	Recode		SHORT-STAY HOSPITAL DISCHARGE (based on 6-month recall)*
		5,901	1. Yes
		5,197	2. No
133	J-5		OPERATION PERFORMED DURING STAY
		5,562	1. Yes
		5,374	2. No
		162	3. Unknown
134-139	J-5		OPERATION CODES (See Appendix E)
134-135			OPERATION NUMBER 1
		5,562	00-99.
		5,536	Blank.
136-137			OPERATION NUMBER 2
		507	00-99.
		10,591	Blank.
138-139			OPERATION NUMBER 3
		61	00-99.
		11,037	Blank.

140-144 - BLANK

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

1,491	1. Yes, delivery
9,607	2. No

*Use weight field 210-218 for annual estimate.

1 - 128 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

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

178 Master Record TYPE OF SUBSTRATUM

1,383	0. Permit
1,228	1. Area, oversampled for blacks
8,487	2. Area, not oversampled for blacks

179-181 - FULL SAMPLE STRATUM IDENTIFIER

182 Master Record REGION

2,150	1. Northeast
2,935	2. Midwest
4,031	3. South
1,982	4. West

183 Master Record GEOGRAPHIC DISTRIBUTION

MSA Size

4,464	1. 1,000,000 or more
2,893	2. 250,000 - 999,999
688	3. 100,000 - 249,999
176	4. Under 100,000
2,877	Blank. Non-MSA

184 - BLANK

1 - 129 -

NHIS PUBLIC USE TAPE RECORD

HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
185	Master Record		TYPE OF PSU
		5,663	1. MSA - Self-representing
		2,558	3. MSA - Nonself-representing
		0	4. Non-MSA - Self-representing
		2,877	6. Non-MSA - Nonself-representing
186	Recode		MSA - NON-MSA RESIDENCE
		3,721	1. MSA - Central City
		4,500	2. MSA - Not Central City
		2,739	3. Non-MSA - Nonfarm
		138	4. Non-MSA - Farm
187-189			PSEUDO PSU CODES
190-200			CHRONIC CONDITION PREVALENCE AND INCIDENCE FACTOR (XX.XXXXXXXXXX) - character format with implied decimal
201-209			FINAL BASIC WEIGHT QUARTER
210-218*			SEMI-ANNUAL (WT/2)
219-227			ANNUAL (WT/4)
228-236			6.5 WEIGHT QUARTER, SEMI-ANNUAL AND ANNUAL

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

1 - 130 -

NHIS PUBLIC USE TAPE RECORD
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
237-245			ESTIMATED NIGHTS IN HOSPITAL IN PAST 2 WEEKS QUARTER, SEMI-ANNUAL AND ANNUAL

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

1 - 131 -

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

1NOTES:

1 - 133 -

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:

1 - 135 -

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.

1

- 136 -

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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- 137 -

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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- 139 -

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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- 141 -

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
		- 142 -	

National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
03		Other Bacterial Diseases	020-027, 030-041
	030	Plague	020
	031	Brucellosis	023
	032	Leprosy	030
	033	Diphtheria	032
	034	Whooping cough	033
	035	Streptococcal sore throat, scarlatina and erysipelas	034, 035
	036	Meningococcal infection	036
	037	Tetanus	037
	038	Septicaemia	038
	039	Residual	021, 022, 024-027, 031, 039-041
04		Viral Diseases	045-057, 060-066, 070-079
	040	Acute poliomyelitis	045
	041	Smallpox	050
	042	Measles	055
	043	Rubella	056
	044	Yellow fever	060
	045	Arthropod-borne encephalitis	062-064
	046	Viral hepatitis	070
	047	Rabies	071
	048	Trachoma	076
	049	Residual	046-049, 051-054, 057, 061, 065, 066, 072-075, 077-079

National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
05		Rickettsiosis and Other Arthropod- borne Diseases	080-088
	050	Louse-borne typhus	080
	051	Other rickettsiosis	081-083
	052	Malaria	084
	053	Leishmaniasis	085
	054	Trypanosomiasis	086
	059	Residual	087, 088
06		Venereal Diseases	090-099
	060	Syphilis	090-097
	061	Gonococcal infections	098
	069	Residual	099
07		Other Infectious and Parasitic Diseases and Late Effects of Infectious and Parasitic Diseases	100-104, 110-112, 114-118, 120-136
	070	Non-syphilitic spirochaetal diseases	100-104
	071	Mycosis	110-112, 114-118
	072	Schistosomiasis	120
	073	Echinococcosis	122
	074	Filarial infection and dracontiasis	125
	075	Ancylostomiasis and necatoriasis	126
	076	Other helminthiasis	121, 123, 124, 127-129
	079	Residual	130-136

National Health Interview Survey
Diagnostic Recode B

2-digit	3-digit	NHIS Diagnostic
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Recode	Recode	Category	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 Neoplasm of Digestive Organs and Peritoneum	150-159
	090	Malignant neoplasm of oesophagus	150
	091	Malignant neoplasm of stomach	151
	092	Malignant neoplasm of 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 Inthoracic Organs	160-165
	100	Malignant neoplasm of larynx	161
	101	Malignant neoplasm of trachea, brochus and lung	162
	109	Residual	160, 163-165

1

- 145 -

National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
11		Malignant Neoplasm of Bone, Connective Tissue, Skin and Breast	170-175
	110	Malignant neoplasm of bone, and articular cartilage	170
	111	Malignant melanoma of skin	172
	112	Other malignant neoplasm of skin	173

	113	Malignant neoplasm of female breast	174
	119	Residual	171, 175
12		Malignant Neoplasm of Genitourinary Organs	179-189
	120	Malignant neoplasm of cervix uteri	180
	121	Malignant neoplasm of placenta	181
	122	Malignant neoplasm of uterus, other and unspecified	179, 182
	123	Malignant neoplasm of ovary and other uterine adnexa	183
	124	Malignant neoplasm of prostate	185
	125	Malignant neoplasm of testis	186
	126	Malignant neoplasm of bladder	188
	129	Residual	184, 187, 189
13		Malignant Neoplasm of Other and Unspecified Sites	190-199
	130	Malignant neoplasm of brain	191
	139	Residual	190, 192-199
1			- 146 -

National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
14		Malignant Neoplasm of Lymphatic and Haemopoietic Tissue	200-208
	140	Hodgkin's disease	201
	141	Leukemia	204-208
	149	Residual	200, 202, 203
15		Benign Neoplasm	210-229
	150	Benign neoplasm of skin	216
	151	Benign neoplasm of breast	217
	152	Benign neoplasm of uterus	218, 219
	153	Benign neoplasm of ovary	220
	154	Benign neoplasm of kidney and other	223

urinary organs

155	Benign neoplasm of nervous system	225
156	Benign neoplasm of thyroid	226
159	Residual	210-215, 221, 222, 224, 227-229
17	Other and Unspecified Neoplasm	239
170	Other and unspecified neoplasm	239
18	Endocrine and Metabolic Diseases, Immunity Disorders	240-246, 250-259, 270-279
180	Disorders of thyroid gland	240-246
181	Diabetes mellitus	250
182	Hyperlipoproteinaemia	272.0, 272.1
183	Obesity of non-endocrine origin	278.0
189	Residual	251-259, 270, 271, 272.2-9, 273-277, 278.1-4,8, 279

1

- 147 -

National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
19		Nutritional Deficiencies	260-268.0,2,9, 269
	190	Kwashiorkor	260
	191	Nutritional marasmus	261
	192	Other protein-calorie malnutrition	262, 263
	193	Avitaminosis	264-267, 268.0,2,9, 269
20		Disease of Blood and Blood-forming Organs	280-289
	200	Anaemias	280-285
	209	Residual	286-289
21		Mental disorders	290-305, 306.1-5, 307-314, 315.4,5,8,9, 316-A, X10, X14, X19
	210	Senile and presenile organic psychotic conditions	290

211	Schizophrenic psychoses	295
212	Affective psychoses	296
213	Other psychoses	291-294, 297-299
214	Neurotic and personality disorders	300, 301
215	Alcohol dependence syndrome	303
216	Drug dependence	304
217	Physiological malnutrition arising from mental factors	306.1-5
218	Mental retardation	X19
219	Residual	302, 305, 307-314, 315.4, 5, 8, 9, 316-A, X10, X14

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- 148 -

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,

 *Excludes .0

***Includes all 4th digits except .9

1 - 149 -

 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

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

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
	319	Residual	475-478, 477.7-A
1		- 152 -	

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	495, 496

	pulmonary disease	
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
1 - 153 -

National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
34		Diseases of Other Parts of the Digestive System	530-537, 540-543, 550-553, 555-558, 560, 562, 564-579
	340	Diseases of oesophagus	530
	341	Ulcer of stomach and duodenum	531-533
	342	Appendicitis	540-543
	343	Hernia of abdominal cavity	550-553
	344	Intestinal obstruction without mention of hernia	560
	345	Diverticula of intestine	562
	346	Other functional digestive disorders	564
	347	Chronic liver disease and cirrhosis	571
	348	Cholelithiasis and cholecystitis	574-575.1
	349	Residual	534-537, 555-558, 565-570 572, 573, 575.0, 2-6, 8, 9, 576-579

35	Diseases of Urinary System	580-599, X31***, X62
350	Nephritis, nephrotic syndrome and nephrosis	580-589
351	Infections of kidney	590
352	Urinary calculus	592, 594
353	Cystitis	595
359	Residual	X31***, X62, 591, 593, 596-599

***Includes all 4th digits except .9

1 - 154 -

National Health Interview Survey
Diagnostic Recode B

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

380	Spontaneous abortion	634
381	Legally induced abortion	635
382	Illegally induced abortion	636
389	Residual	630-633, 637-639

***Includes all 4th digits except .9

1 - 155 -

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

1 - 156 -

National Health Interview Survey
Diagnostic Recode B

2-digit	3-digit	NHIS Diagnostic
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Recode	Recode	Category	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

1 - 157 -

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, X41, X79, X90)**
	440	Spina bifida and hydrocephalus	X71.9
	441	Other deformities of central	742.2,4,5,8,9

	nervous system	
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, X41, X79, X90)**

**Includes 4th digit .9 only.

1

- 158 -

National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
45		Certain Conditions Originating in the Perinatal Period	760, 761.0-5,7-9, 762-778, 779.0-5,8,9, X61.9
	450	Maternal conditions affecting fetus or newborn	760
	451	Obstetric complications affecting fetus or newborn	761.0-5,7-9, 762, 763
	452	Slow fetal growth, fetal malnutrition and immaturity	764, 765
	453	Birth trauma	767, X61.9
	454	Hypoxia, birth asphyxia and other respiratory conditions	768-770
	455	Haemolytic disease of fetus or newborn	773
	459	Residual	766, 771, 772, 774-778, 779.0-5,8,9
46		Signs, Symptoms and Ill-Defined Conditions	780, 781.0-4,6,7,9, 782, 783.0,2-6,9

		784-797, 799, 799.5-A, X11, X12
460	Pyrexia of unknown origin	780.6
461	Symptoms involving heart	785.0-3
462	Renal colic	788.0
463	Retention of urine	788.2
464	Abdominal pain	789.0
465	Senility without mention of psychosis	797
467	Respiratory failure	799.1
469	Residual	780.0-5,7-9, 781.0-4,6, 7,9, 782, 783.0,2-6,9, 784.4-6,9, 786, 787, 788.1,3,4-9, 789.1-5,9, 790-796, 799.0,2-4,8,9, 799.5-A, X11, X12

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- 159 -

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,

		(X41-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, (X41-X49,X51-X60, X63, X64)****

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

1

- 160 -

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.

1 - 161 -

National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
55		Other Injuries, Early Complications of Trauma	910-929, 959, 990-995
	550	Other injuries, early complications of trauma	910-929, 959, 990-995
56		Late Effects of Injuries, of Poisonings, of Toxic Effects and of Other External Causes	905.0-5, 906, 907, 908.0-5,9, 909.2,4
	560	Late effects of injuries, of poisonings, of toxic effects and of other external causes	905.0-5, 906, 907, 908.0-5,9, 909.2,4
57		Present Effects of Injuries, NEC	X01.0, X02.0, X03.0, X06.0, X07.0, X09.0
	570	Present effects of injuries, NEC	X01.0, X02.0, X03.0, 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:

1 - 163 -

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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- 165 -

Revised April 30, 1983

National Health Interview Survey
Chronic Condition Recode C

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

116	Ingrown nails	703.0
117	Corns and calluses	700
118	Benign neoplasms of the skin	216
119	Malignant neoplasms of the skin	172, 173
1	- 166 -	

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

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

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
1	- 169 -	

Revised April 30, 1983

National Health Interview Survey
Chronic Condition Recode C

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

401	Goiter	240, 241, 242.0-3
402	Other disorders of the thyroid	242.4,8,9, 243-246
403	Diabetes	250
404	Anemias	280-285
405	Epilepsy	345
406	Migraine headache	346

407	Other headache (excludes tension headache)	784.0
408	Neuralgia or neuritis, unspecified	729.2
409	Kidney stones	592
410	Kidney infections	590
411	Other kidney trouble, NEC	581-583, 593
412	Bladder infections	595. ,0-3,8,9
413	Other disorders of bladder	594.1, 596
414	Diseases of prostate	600-602 (ex 601.4)
415	Multiple sclerosis	340
416	Inflammatory disease of female genital organs	614-616
417	Non-Inflammatory disease of female genital organs	620-624
418	Menstrual disorders	626
1	- 170 -	

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
 1 - 171 -

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 V: SELECTED CIRCULATORY CONDITIONS

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

1 - 172 -

Revised April 30, 1983

National Health Interview Survey
 Chronic Condition Recode C

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

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

1 - 173 -

HEALTH INTERVIEW SURVEY - 1993

TABULATION SPECIFICATIONS AND WEIGHTING

INTRODUCTION

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

The weight for an event occurring or not occurring (binomial 1 or 0) uses the basic weights for the person. Similarly, if the

event has occurred and when it occurs it can have a frequency of 1, 2, 3, etc.; the weight shown includes the cross product of the person's basic weight times the frequency. For instance, if a person is injured and requires 5 days in bed, the weight shown in the appropriate table is the person's basic weight times 5.

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

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

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

1

- 174 -

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 1993 NHIS PERSON RECORD

Tape location	Name of Weight Field	Notes:
190-200	CHRONIC CONDITION PREVALENCE AND INCIDENCE FACTOR	Multiply by final basic weight 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 DAYS (BASED ON TWO-WEEK RECALL) Content of field is number of restricted activity days times 6.5 Weight.	Use one quarter to produce estimate for the quarter; use entire file to produce annual estimate. This field is already weighted.

1 - 175 -

SPECIFICATIONS FOR RECREATING THE CURRENT ESTIMATES TABLES

The accompanying instructions show procedures for deriving estimates from Health Interview Survey data tapes. The publication, "Current Estimates", for the year 1993 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:

1 - 177 -

TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
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ANNUAL ESTIMATES

1-15	Incidence of Acute Conditions		
	Inclusions:		
	Condition records	1-2	30
	Acute	107	2
	Onset in 2 weeks	108	1
	Use:		

1-5	Acute Condition Recode A Denominator for rates is population: see Table 78 specifications	100-103	1001-5932
11-15	Restrict numerator to medically attended Denominator is all acute conditions	110	1
	Weight: (2 week reference) inflated by 6.5 to obtain a quarterly estimate. Annual estimate is the sum of 4 quarterly estimates.	228-236	
16-25	Restricted Activity Days Associated With Acute Conditions		
	Inclusions:		
	Condition records	1-2	30
	Acute	107	2
	Use:		
16-20	Acute Condition Recode A Denominator is population: see Table 78 specifications	100-103	1001-5932
	Weight:		
1	2 week restricted activity days - 178 -	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
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Weight:

1	2 week work-loss days	255-263
	- 179 -	

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		
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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
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Weight:

2 week school-loss days	264-272
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50	Acute Conditions per Quarter		
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Use specifications for Tables 1-10 but also use processing quarter	5	1,2,3 or 4
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51-52	Episodes of Persons Injured		
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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
1	- 180 -		

TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
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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		
	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	
1	- 181 -		

TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
57-66	Prevalence of Selected Chronic Conditions		
	Inclusions:		
	Condition records	1-2	30
	Chronic	107	1
	Use:		
	Control on chronic condition list asked and use only Chronic Condition Recode C with location 104 equal to value in location 92	92 104-106	1,2,3,4,5 or 6
	Weight:		
	Chronic condition factor	190-200	
	Multiplied by final basic weight	219-227	
57-61	Denominator is population: see specification for Table 78		
67-68	Limitation of Activity Due to Chronic Conditions		
	Inclusions:		
	Person records	1-2	20
	Use:		
	LA-1 Unable to perform major activity	71	1
	LA-2 Limited in kind/amount of major activity	71	2
	LA-3 Limited in other activity	71	3
	LA-4 Not Limited (includes unknowns)	71	4
	Weight:	219-227	
67	Denominator for percent distribution is population.		

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- 182 -

TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
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ANNUAL ESTIMATES

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

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

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:		
73	Final basic weight	219-227	
	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.

1 - 184 -

TABULATING DATA FOR CURRENT ESTIMATES TABLES

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

ANNUAL ESTIMATES

	Weight:		
	Short stay hospital episode days (all episodes)*	124-126 x	219-227
	Short stay hospital episode days (excluding deliveries)*	129-131 x	219-227
75	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	
---------	--	---------	--

*These weights reflect a modification from previous years (1982-1990).

1

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

- 186 -

1

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

1

- 187 -

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
94-----Independent Group Residences for the elderly, handicapped, and functionally disabled (Christian Retirement Home).

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

- 189 -

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			
01	01	010-012,020,030	AGRICULTURE	01-02,071-072,074-076,078
02	01	031-032	FORESTRY AND FISHERIES	08-09
10	02	040-042,050	MINING	10,12-14
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	21,261-263,265,267,291,295,299,301-306,308,311,313-

*Standard Industrial Classification
1 - 190 -

APPENDIX B

INDUSTRY RECODES OUTLINE

Recodes				
No. 1 Chrs.	No. 2 Chrs.	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	241-245,249,25
41	04	270-272,280	Primary metal industries	331-332,334,3331, 3334,3339,3351, 3353-3357,3363- 3366,3369,339
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, 380-381,390-392	Other and not specified durable goods	321-329,381-382, 384-387,39
(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	481-484,489
54	05	450-452,470-472	Utilities and sanitary	491-497

*Standard Industrial Classification
1 - 191 -

APPENDIX B

INDUSTRY RECODES OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Industry Title	SIC Code*
Chrs. 80-81	Chrs. 82-83	(Chrs. 77-79)		
60	06	500-502,510-512, 521,530-532, 540-542,550-552, 560-562,571	WHOLESALE TRADE	501-509,511-519
(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	580-582,590,623, 630-633,640,642, 650-652,660-663, 670-672,681-682, 691	Other and not specified retail trade	521,523,525- 571-572,5731,5734- 5736,591-594,5961- 5963,598,5992- 5999
527,56, 5995,				
(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	62-65,67

*Standard Industrial Classification

INDUSTRY RECODES OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Industry Title	SIC Code*
Chrs.	Chrs.	(Chrs. 77-79)		
80-81	82-83	(Chrs. 77-79)		
(75-85)	(09-12)	-	SERVICES:	
(75-76)	(09)		BUSINESS AND REPAIR SERVICES	
75	09	721-722,731-732, 740-742,750	Business services	731-738,751,752, 7542
76	09	751-752,760	Repair services	753,7549,762-764, 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	800-802,810	ENTERTAINMENT AND RECREATION SERVICES	781-784,791-794,799
(80-85)	(12)	-	PROFESSIONAL AND RELATED SERVICES	
80	12	831	Hospitals	806
81	12	812,820-822,830, 832,840	Health services, except hospitals	801-803,8041-8043, 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	861-863,870-873, 880-881	Social services, religious and membership organizations	832-833,835-836, 839,84,861-866,869
85	12	841,882,890-893	Legal, engineering and other professional services	81,871-874,899

*Standard Industrial Classification

Recodes

No. 1 Chrs. 80-81	No. 2 Chrs. 82-83	Detail Code (Chrs. 77-79)	Industry Title	SIC Code*
90	13	900-901,910, 921-922,930-932	PUBLIC ADMINISTRATION	911-913,919,92-97
95	14	998 and all other codes except 997	UNKNOWN INDUSTRY (Includes never worked)	-
96	14	997	REFUSED, CLASSIFIED, ETC.	
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	991	ARMED FORCES (excludes Reserves and National Guard)	

*Standard Industrial Classification

1 - 194 -

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 never worked, refused, classified, etc.)	95-96
15	NOT IN LABOR FORCE	97
16	ARMED FORCES	98

1

- 195 -

APPENDIX C

OCCUPATION RECODE OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs. 87-88	Chrs. 89-90	(Chrs. 84-86)		
(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, 021-022	Managers and administrators, except public administration	121-128,131-1351-1354,1359,136-139
1344,				
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	261-262,27,281,283,289
08	02	095-099,103-106	Health assessment and treating occupations	29,301-302,3031-3034,3039,304

09	02	113-119,123-129, 133-139,143-149, 153-159,163-165	Teachers, librarians and counselors	2212-2218,2222- 2228,2231-2238, 2242-2247,2249, 231-233,235,236, 239,24,251,252
10	02	183-189,193-195, 197-199	Writers, artists, entertainers and athletes	34,321-329,331- 333,398
11	02	166-169,173-179	Other professional specialty occupations	1912-1916,1919, 192,2032-2033, 2042,2049,211- 212

*Standard Occupational Classification.

1 - 196 -

APPENDIX

C

OCCUPATION RECODE OUTLINE

Recodes				

No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs. 87-88	Chrs. 89-90	(Chrs. 84-86)		
(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	303-307,316-319,323,325-329,335-336,345-348,353,359,363-366,368,373-379,383-387,389	Other administrative support	4511-4514,4516,4519,4521-4529,463,4642-4645,4649,4662-4664,4692,4694,4696,4699,4722-4723,4729,4732-4733,4739,4751-4759,4782-4784,4786-4787,4791-4795,4799

*Standard Occupational Classification.

1 - 197 -

APPENDIX

C

OCCUPATION RECODE OUTLINE

Recodes				
No. 1	No. 2			
Chrs.	Chrs.	Detail Code	Occupation Title	SOC Code*
87-88	89-90	(Chrs. 84-86)		
22	06	403-407	PRIVATE HOUSEHOLD OCCUPATIONS	502-507,509
(23-24)	(07)	-	PROTECTIVE SERVICE OCCUPATIONS	
23	07	413-414,416-418,423-424	Police and firefighters	5111-5112,5122-5123,5132-5134
24	07	415,425-427	Other protective service occupations	5113,5142,5144,5149
(25-28)	(08)	-	SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	
25	08	433-436,438-439,443-444	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	456-459,461-469	Personal service	5251-5258,5262-5264,5269

(29-31) (09) - FARMING, FORESTRY AND FISHING OCCUPATIONS

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

584,8241(pt.)

*Standard Occupational Classification.

1 - 198 -

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*
----------------------	----------------------	------------------------------	------------------	-----------

(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(pt.),6422, 6424,6432-6433, 6442-6444,645, 6462-6468,6472-6476,6479,652-654,656
34	10	628,634-637,639, 643-647,649, 653-659,666-669,	Precision production occupations	67,71,6811-6814, 6816-6817,6821-6824,6829,6831-

674-679, 683-684,
686-689, 693-696,
699

6832, 6835, 6839,
6844, 6852-6854,
6856, 6859, 6861-
6862, 6864-6867,
6869, 6871-6873,
6879, 6881-6882,
691-696,
7477(pt.), 7668,
7677(pt.), 7752,
828

*Standard Occupational Classification

1 - 199 -

APPENDIX

C

OCCUPATION RECODE OUTLINE

Recodes

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

OPERATORS, FABRICATORS AND LABORERS

(35-36) (11)

MACHINE OPERATORS, ASSEMBLERS
AND INSPECTORS

35	11	703-709, 713-715, 717, 719, 723-729, 733-739, 743-745, 747-749, 753-759, 763-766, 768-769, 773-774, 777, 779	Machine operators and tenderers, except precision	6841-6842, 6849, 6855, 6863, 6868, 7312-7319, 7322, 7324, 7326, 7329, 7339, 7342-7344, 7349, 7431-7435, 7439, 7443-7444, 7449, 7451-7452, 7459, 7462-7463, 7467, 7472, 7474, 7476-7478, 7479, 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, 795-799	Fabricators, assemblers, inspectors and samplers	7332-7333, 7532- 7533, 7714, 7717, 772, 774, 7753- 7759, 782-785, 787

(37-39)	(12)	-	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	
37	12	803-804,806,808- 809,813-814	Motor vehicle operators	8111,8212-8216, 8218-8219,874
38	12	823-826,828-829, 833-834	Other transportation, except motor vehicles	8113,8232-8233, 8239,8241(pt.), 8242-8245
39	12	843-845,848-849, 853,855-856,859	Material moving equipment operators	812,8312-8319

*Standard Occupational Classification

1 - 200 -

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			
(40-41)	(13)		HANDLERS, EQUIPMENT CLEANERS, HELPERS AND LABORERS	
40	13	869	Construction laborers	871
41	13	864-868,874-878, 883,885,887-889	Freight, stock and material handlers	85,861-863, 8641-8646, 8648,865, 8722-8726,873, 875,8761,8769
95	14	998 and all other codes except 997	UNKNOWN OCCUPATION (Includes never worked)	
96	14	997	REFUSED, CLASSIFIED, ETC.	
97	15	Not applicable	NOT IN LABOR FORCE - codes Blank and 8 in current activity recode (Loc. 75). (Under 18 or 18+ and Not in Labor Force)	

*Standard Occupational Classification
1 - 201 -

APPENDIX C

OCCUPATION RECODE TITLES

Code	Titles	Recode No. 1 Inclusions
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS		
01	EXECUTIVE, ADMINISTRATIVE AND MANAGERIAL OCCUPATIONS	01-03
02	PROFESSIONAL SPECIALTY OCCUPATIONS	04-11
TECHNICAL, SALES AND ADMINISTRATIVE SUPPORT OCCUPATIONS		
03	TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	12-13
04	SALES OCCUPATIONS	14-16
05	ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	17-21
SERVICE OCCUPATIONS		
06	PRIVATE HOUSEHOLD OCCUPATIONS	22
07	PROTECTIVE SERVICE OCCUPATIONS	23-24
08	SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	25-28
09	FARMING, FORESTRY AND FISHING OCCUPATIONS	29-31
10	PRECISION PRODUCTION, CRAFT AND REPAIR OCCUPATIONS	32-34
OPERATORS, FABRICATORS AND LABORERS		
11	MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	35-36
12	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	37-39
13	HANDLERS, EQUIPMENT CLEANERS, HELPERS AND LABORERS	40-41
14	UNKNOWN OCCUPATION (includes never worked, refused, classified, etc.)	95-96
15	NOT IN LABOR FORCE	97

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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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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- 205 -

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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- 206 -

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

1 - 207 -

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
- 1 - 208 -

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
1 - 209 -

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

1 Excludes: cartilage of ear (18); nose (21); and joints of face (76)
- 210 -

APPENDIX E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

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

81 Repair and plastic operations on joint structures

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

82 Operations on muscle, tendon and fascia of hand

Includes: operations on synovial membrane and tendon sheath

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

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

84 Other procedures on musculoskeletal system.

OPERATIONS ON THE INTEGUMENTARY SYSTEM (85-86)

85 Operations on the breast

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

86 Operations on skin and subcutaneous tissue

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

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

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

Excludes also: operations on the head when a specific part

(such as brain) is mentioned

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- 211 -

APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

MISCELLANEOUS DIAGNOSTIC AND THERAPEUTIC PROCEDURES (87-99)

87 Diagnostic radiology

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

Excludes: angiography (88).

88 Other diagnostic radiology and related techniques

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

Excludes: angiogram of eye (95).

89 Interview, evaluation, consultation, and examination

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

90 Microscopic examination-I

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

91 Microscopic examination - II

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

92 Nuclear medicine

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

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- 212 -

APPENDIX E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

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

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.

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.