

1986

NATIONAL HEALTH INTERVIEW SURVEY (NHIS)

PUBLIC USE CORE FILE LAYOUTS

1

1

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 as the original source. 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.

National Center for Health Statistics, Kovar, M.G. and Poe, G.S.: The National Health Interview Survey Design 1973-1984 and Procedures 1975-1983. Vital and Health Statistics, Series 1-No. 18. DHHS Pub. No. (PHS) 85-1320. Public Health Service. Washington. U.S. Government Printing Office.

Current Estimates from the National Health Interview Survey: United States, 1986. Vital and Health Statistics. Series 10-No. 164 (DHHS Pub. No. (PHS) 87-1592) Public Health Service. Washington. U.S. Government Printing Office.

Interviewer's Manual, 1986. Part II, Public Use Data Tape Documentation.

Medical Coding Manual and Short Index, 1986. Part III, Public Use Data Tape Documentation.

0
0
0
0
0
0
0
0
0

i

1

1

PREFACE

The basic NHIS tape files are created and maintained by Record Type. The contents of these tape files are presented in the Outline of Items and Codes for each record type. Note that Household items in tape locations 3-24 and

182-186 are repeated in all records associated with a household; Person items in tape locations 25-92 are repeated in all records associated with a person.

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

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

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

2. File Sequence

Each file is in sequence by the following identifying items:

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

0
0
0
0

iii

12. File Sequence - continued

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

The Person Number identifies a person within a household.

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 = HISY1986.HOUSEHLD
 PERSON = HISY1986.PERSONSX
 CONDITION = HISY1986.CONDITON
 HOSPITAL = HISY1986.HOSPITAL
 DOCTOR VISIT = HISY1986.DRVISITS

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

0
0
0
0
0
0
0
0

iv

1

NATIONAL HEALTH INTERVIEW SURVEY
 Calendar Year 1986 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	39
Doctor Visit Record	71

Hospital Record	99
DIAGNOSTIC RECODES	
Recode A. Acute Conditions	125
Recode B. Diseases, Injuries and Impairments	131
Recode C. Chronic Conditions and Impairments	155
TABULATION SPECIFICATIONS AND WEIGHTING - INTRODUCTION	165
SPECIFICATIONS FOR RECREATING CURRENT ESTIMATES TABLES	167
TABULATING DATA FOR CURRENT ESTIMATES TABLES	169
APPENDICES	
Appendix A. Codes for Types of Special Places	177
Appendix B. Industry Recodes	181
Appendix C. Occupation Recodes	187
Appendix D. Description of Class of Accident Code	195
Appendix E. Classification of Operations and Non-operative Procedures for HIS	197

0

v

1NOTES:

1

- 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 1986 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.

1

- 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) and SURREGR,(4) are programs that calculate the variance-covariance matrix using the linearization approach(5),(6) (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 Strata and Pseudo Primary Sampling Unit (PSU) codes on all data tapes in positions (187-189). 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.

An NCHS Series 2 publication discussing these issues is in process. Detailed information from this publication on calculating variances and the use of sample weights is available, upon request, from NCHS.

1

- 3 -

REFERENCES

- (1) National Center for Health Statistics: Replication an Approach to the Analysis of Data from Complex Surveys by P.J. McCarthy. Vital and Health Statistics Series 2, No. 14. DHEW Pub. No. (PHS) 79-1269. Public Health Service. Washington, D.C. U.S. Government Printing Office, 1966.
- (2) Survey Research Center Computer Support Group, OSIRIS IV User's Manual, Institute for Social Research, 1979.
- (3) B.V. Shah, "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) Mary Margaret Holt (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) Hidioglou, M.A., Fuller, W. A. and Hickman, R. D. "SUPER CARP". Survey Section, Statistical Laboratory, Iowa State University, Sixth edition, October 1980.
- (6) "Contingency Table Analysis for Complex Sample Designs (CPLX) U. S. Bureau of the Census.

1NOTES:

1

- 5 -

CHANGES IN THE 1986 PUBLIC USE TAPE COMPARED TO 1985

The 1986 Public Use Tape resembles the 1985 version, with only one exception. This difference is described below:

HOUSEHOLD VARIABLES:

Tape Location

182	The label of "Midwest has been substituted for "North Central" in accordance with current Census Bureau usage. The states included remain the same.
-----	---

1NOTES:

1

- 7 -

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

1NOTES:

1

- 9 -

NHIS PUBLIC USE TAPE RECORDS
Outline of Items and Codes
Number of Records = 24,698
HOUSEHOLD RECORD

Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		24,698	10. Household Record
3-4	-		PROCESSING YEAR
		24,698	86. 1986
5	-		PROCESSING QUARTER
		6,281	1. Quarter 1
		6,060	2. Quarter 2
		6,197	3. Quarter 3
		6,160	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 reassigned for administrative purposes. See Locations 19-20 for the code which reflects the actual week assigned for conducting the interview. No interviews were conducted during weeks 01 and 02 of Quarter 1. The sample households for the two weeks were reassigned to weeks 03-13 of Quarter 1.

1

- 10 -

NHIS PUBLIC USE TAPES
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		WEEK CODE (Numbered within Quarter)
		1,088	Week 01. 01, 21, 41, 61, 81
		1,305	Week 02. 02, 22, 42, 62, 82
		2,259	Week 03. 03, 23, 43, 63, 83
		2,234	Week 04. 04, 24, 44, 64, 84
		1,943	Week 05. 05, 25, 45, 65, 85
		1,925	Week 06. 06, 26, 46, 66, 86
		2,204	Week 07. 07, 27, 47, 67, 87
		1,977	Week 08. 08, 28, 48, 68, 88
		1,925	Week 09. 09, 29, 49, 69, 89
		1,985	Week 10. 10, 30, 50, 70, 90
		1,829	Week 11. 11, 31, 51, 71, 91
		2,039	Week 12. 12, 32, 52, 72, 92
		1,985	Week 13. 13, 33, 53, 73, 93
21			BLANK
1			- 11 -
NHIS PUBLIC USE TAPES HOUSEHOLD RECORD			

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

22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		174	00. Housing unit; kind unknown
		22,925	01. House, apartment, flat
		29	02. HU in nontransient hotel, motel, etc.
		16	03. HU-permanent in transient hotel, motel, etc.
		35	04. HU in rooming house
		1,093	05. Mobile home or trailer with no permanent room added
		126	06. Mobile home or trailer with one or more permanent rooms added
		8	07. HU not specified above
			Other Unit = (08-13)
		12	08. Quarters not HU in rooming or boarding house
		0	09. Unit not permanent in transient hotel, motel, etc.
		5	10. Unoccupied site for mobile home, trailer, or tent
		238	11. Student quarters in college dormitory
		35	12. Other unit not specified above
		2	13. Other unit; kind unknown

24	HH-11		HAS TELEPHONE
		21,093	1. Yes, phone number given
		883	2. Yes, no phone number given
		1,780	3. No
		82	4. Unknown
		860	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
		23,664	1. Completed interview - non-military household
		860	2. Non-interview
		174	3. Completed interview - military household*
28-29	HH-14		NON-INTERVIEW REASON
			Type A
		557	01. Refused
		127	02. No one at home
		128	03. Temporarily absent
		48	04. Other
		23,838	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.

NHIS PUBLIC USE TAPES
HOUSEHOLD RECORD

Tape Locations	Item No.	Frequency	Items and Codes
36-55	Generated		SIZE OF FAMILY 00. Not applicable or only unrelated individuals 01+ Number of persons in family Blank. Non-interview
36-37			SIZE OF FAMILY - Primary Family
38-39			SIZE OF FAMILY - Secondary Family No. 1
40-41			SIZE OF FAMILY - Secondary Family No. 2
42-43			SIZE OF FAMILY - Secondary Family No. 3
44-45			SIZE OF FAMILY - Secondary Family No. 4
46-47			SIZE OF FAMILY - Secondary Family No. 5
48-49			SIZE OF FAMILY - Secondary Family No. 6
50-51			SIZE OF FAMILY - Secondary Family No. 7
52-53			SIZE OF FAMILY - Secondary Family No. 8
54-55			SIZE OF FAMILY - Secondary Family No. 9
56-57	Generated		NUMBER OF UNRELATED INDIVIDUALS 00. Not applicable 01+ Number of unrelated individuals Blank. Non-interview

1

- 14 -

NHIS PUBLIC USE TAPES
HOUSEHOLD RECORD

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

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

1

- 15 -

NHIS PUBLIC USE TAPES
HOUSEHOLD RECORD

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

68-69	Generated	NUMBER OF PERSON RECORDS FOR THE HOUSEHOLD
-------	-----------	--

70-71 HOUSEHOLD	Generated	NUMBER OF CONDITION RECORDS FOR THE
--------------------	-----------	-------------------------------------

72-73	Generated	NUMBER OF TWO-WEEK DOCTOR VISIT RECORDS FOR THE HOUSEHOLD
-------	-----------	---

74-75	Generated	NUMBER OF HOSPITAL RECORDS FOR THE HOUSEHOLD
-------	-----------	--

76	A-A2	CONDITION LIST ASSIGNED
	4,005	1. Condition List 1, Skin and Musculoskeletal
	3,972	2. Condition List 2, Impairments
	4,001	3. Condition List 3, Digestive
	3,957	4. Condition List 4, Miscellaneous
	3,959	5. Condition List 5, Circulatory
	3,932	6. Condition List 6, Respiratory
	12	7. Unknown
	860	Blank. Non-interview

77-181	-	BLANK
--------	---	-------

182	Master Record	REGION
	5,336	1. Northeast
	6,196	2. Midwest
	8,305	3. South
	4,861	4. West

1 - 16 -

NHIS PUBLIC USE TAPES
HOUSEHOLD RECORD

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

183	Master Record	GEOGRAPHIC DISTRIBUTION
		MSA Size

10,341	1. 1,000,000 or more
6,577	2. 250,000 - 999,999
1,371	3. 100,000 - 249,999
458	4. Under 100,000
5,951	Blank. Non-MSA

184 BLANK

185	Master Record		TYPE OF PSU
		13,332	1. MSA - Self-representing
		5,415	3. MSA - Nonself-representing
		8	4. Non-MSA - Self-representing
		5,943	6. Non-MSA - Nonself-representing

186	Recode		MSA - NON-MSA RESIDENCE
		8,094	1. MSA - Central City
		9,912	2. MSA - Not Central City
		5,517	3. Non-MSA - Nonfarm
		315	4. Non-MSA - Farm
		860	Blank. Non-interview

187-200 BLANK

201-206 BASIC WEIGHT

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

207-335 BLANK

1 - 17 -

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

1

NOTES:

1 - 19 -

PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-	62,052	RECORD TYPE 20. Person Record
3-4	-	62,052	PROCESSING YEAR 86. 1986
5	-	15,496 15,418 15,700 15,438	PROCESSING QUARTER 1. Quarter 1 2. Quarter 2 3. Quarter 3 4. Quarter 4
6-8	HH-5		RANDOM RECODE OF PSU NUMBER
9-10	HH-5		WEEK - CENSUS CODE* 01, 21, 41, 61, 81 ... Week 01 02, 22, 42, 62, 82 ... Week 02 03, 23, 43, 63, 83 ... Week 03 04, 24, 44, 64, 84 ... Week 04 05, 25, 45, 65, 85 ... Week 05 06, 26, 46, 66, 86 ... Week 06 07, 27, 47, 67, 87 ... Week 07 08, 28, 48, 68, 88 ... Week 08 09, 29, 49, 69, 89 ... Week 09 10, 30, 50, 70, 90 ... Week 10 11, 31, 51, 71, 91 ... Week 11 12, 32, 52, 72, 92 ... Week 12 13, 33, 53, 73, 93 ... Week 13

*This code represents the initial week of assignment. The interview may be reassigned for administrative purposes. See Locations 19-20 for the code which reflects the actual week assigned for conducting the interview. No interviews were conducted during weeks 01 and 02 of Quarter 1. The sample households for the two weeks were reassigned to weeks 03-13 of Quarter 1.

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
11-12	HH-5		SEGMENT NUMBER Week plus Segment Number identifies the segment
13-14	HH-5		HOUSEHOLD NUMBER Numbered within PSU-Week-Segment
15-16	-		PERSON NUMBER
17-18	-		BLANK (Record Serial Number on other record types).
19-20	HH-5		WEEK CODE (Numbered within Quarter)
		2,734	Week 01. 01, 21, 41, 61, 81
		3,318	Week 02. 02, 22, 42, 62, 82
		5,696	Week 03. 03, 23, 43, 63, 83
		5,673	Week 04. 04, 24, 44, 64, 84
		4,873	Week 05. 05, 25, 45, 65, 85
		4,892	Week 06. 06, 26, 46, 66, 86
		5,661	Week 07. 07, 27, 47, 67, 87
		4,900	Week 08. 08, 28, 48, 68, 88
		4,727	Week 09. 09, 29, 49, 69, 89
		4,969	Week 10. 10, 30, 50, 70, 90
		4,609	Week 11. 11, 31, 51, 71, 91
		5,110	Week 12. 12, 32, 52, 72, 92
		4,890	Week 13. 13, 33, 53, 73, 93
21			BLANK

Tape Locations	Item No.	Frequency	Items and Codes
22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		308	00. Housing unit; kind unknown
		58,185	01. House, apartment, flat
motel,		40	02. HU in nontransient hotel,
			etc.
hotel,		19	03. HU-permanent in transient
			motel, etc.
		51	04. HU in rooming house
		2,674	05. Mobile home or trailer with no
			permanent room added
		322	06. Mobile home or trailer with one
			or more permanent rooms added
		10	07. HU not specified above
			Other Unit = (08-13)
		15	08. Quarters not HU in rooming or
			boarding house
		0	09. Unit not permanent in transient
			hotel, motel, etc.
home,		12	10. Unoccupied site for mobile
			trailer, or tent
		358	11. Student quarters in college
			dormitory
		54	12. Other unit not specified above
		4	13. Other unit; kind unknown
24	HH-11		HAS TELEPHONE
		55,130	1. Yes, phone number given
		2,125	2. Yes, no phone number given
		4,619	3. No
		178	4. Unknown
25	A-1		SEX
		29,532	1. Male
		35,520	2. Female
26	-		BLANK

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
27-28	Person Column		AGE
		1,020	00. Under 1 year
		61,028	01-98. Number of years
		4	99. 99+ years of age
29	Recode		AGE RECODE #1
		5,000	1. Under 5 years
		12,393	2. 5-17 years
		6,742	3. 18-24 years
		18,975	4. 25-44 years
		11,750	5. 45-64 years
		2,443	6. 65-69 years
		1,958	7. 70-74 years
		2,791	8. 75 years and over
30	Recode		AGE RECODE #2
		5,998	1. Under 6 years
		10,375	2. 6-16 years
		7,762	3. 17-24 years
		10,341	4. 25-34 years
		8,634	5. 35-44 years
		5,888	6. 45-54 years
		5,862	7. 55-64 years
		4,401	8. 65-74 years
		2,791	9. 75 years and over
31-32	Recode		AGE RECODE #3
		2,997	00-35. Months
		59,055	36. Over 3 years
33	-		BLANK

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
34-39	A-3		MONTH AND YEAR OF BIRTH
34-35			MONTH
			01. January 07. July
			02. February 08. August
			03. March 09. September
			04. April 10. October
			05. May 11. November
			06. June 12. December
			99. DK or refused
36-39			YEAR OF BIRTH
			1800-1899. 1800-1899
			1900-1987. 1900-1987
			9999. DK or refused
40-41			BLANK
42	L-3		MAIN RACIAL BACKGROUND - Reported
		611	1. Aleut, Eskimo, or American Indian
		1,219	2. Asian/Pacific Islander
		10,016	3. Black
		49,068	4. White
		687	5. Other
		88	6. Multiple race
		363	7. Unknown

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
43-45	Recode		RACE RECODES
43			RECODE 1
		50,142	1. White
		10,053	2. Black
		1,857	3. Other
44			RECODE 2
		50,142	1. White
		11,910	2. Non-white
45			RECODE 3
		10,053	1. Black
		51,999	2. Non-black
46-47	L-4		HISPANIC ORIGIN
		92	00. Multiple Hispanic
		508	01. Puerto Rican
		315	02. Cuban
		1,017	03. Mexican-Mexicano
		1,396	04. Mexican-American
		56	05. Chicano
		440	06. Other Latin American
		701	07. Other Spanish
		139	08. Spanish, DK type
		461	09. Unknown if Spanish origin
		56,927	10. Not Spanish origin
48	L-7		MARITAL STATUS
		13,315	0. Under 14 years
		28,013	1. Married - spouse in household
		361	2. Married - spouse not in household
		3,394	3. Widowed
		3,086	4. Divorced
		1,100	5. Separated
		12,472	6. Never married
		311	7. Unknown

Tape Locations	Item No.	Frequency	Items and Codes
49	L-1		VETERAN STATUS
		36,596	1. Non-veteran
		47	2. WW I
		2,296	3. WW II
		1,178	4. Korean War
		2,124	5. Vietnam veteran
		513	6. Post-Vietnam
		1,087	7. Other service
		325	8. Served in Armed Forces, unknown if war veteran
		493	9. Unknown if served in Armed Forces
		17,393	Blank. Under 18 years of age
50	L-1		ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES
		36,596	0. Non-veteran
		534	1. All service in Guard/Reserve
		1,063	2. Some service in Guard/Reserve
		19	3. Unknown if all service in Guard/Reserve
		5,510	4. No active service in Guard/Reserve
		937	5. Unknown if ever active member in Guard/Reserve or served in Armed Forces
		17,393	Blank. Under 18 years of age
51-52	L-2		EDUCATION OF INDIVIDUAL - COMPLETED YEARS
		2,477	00. Never attended; kindergarten only
		37,993	01-12. Grades 1-12
			College:
		3,142	13. 1 year
		3,693	14. 2 years
		1,476	15. 3 years
		4,458	16. 4 years
		972	17. 5 years
		2,081	18. 6 years or more
		760	19. Unknown
		5,000	Blank. Under 5 years of age

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
53	Recode		EDUCATION OF INDIVIDUAL RECODE
		2,477	0. None; kindergarten only
		12,235	1. 1-8 years (elementary)
		8,479	2. 9-11 years (high school)
		17,279	3. 12 years (high school graduate)
		8,311	4. 1-3 years (college)
		4,458	5. 4 years (college graduate)
		3,053	6. 5+ years (post-college)
		760	7. Unknown
		5,000	Blank. Under 5 years of age
54-55 FAMILY	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT MEMBER - (Detail)
		127	00. Never attended; kindergarten only
		33,101	01-12. Grades 1-12
			College:
		4,612	13. 1 year
		6,181	14. 2 years
		2,552	15. 3 years
		8,311	16. 4 years
		1,965	17. 5 years
		4,778	18. 6 years or more
		425	19. Unknown
56 FAMILY	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT MEMBER - Recode
		127	0. None; kindergarten only
		3,887	1. 1-8 years (elementary)
		6,348	2. 9-11 years (high school)
		22,866	3. 12 years (high school graduate)
		13,345	4. 1-3 years (college)
		8,311	5. 4 years (college graduate)
		6,743	6. 5+ years (post-college)
		425	7. Unknown

PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
57	L-8		FAMILY INCOME \$20,000 OR MORE
		24,784	1. Less than \$20,000
		34,994	2. \$20,000 or more
		2,274	3. Unknown
58-59	L-8		FAMILY INCOME
		508	00. Less than \$1,000
		558	01. \$ 1,000 - \$ 1,999
		759	02. 2,000 - 2,999
		882	03. 3,000 - 3,999
		1,075	04. 4,000 - 4,999
		1,170	05. 5,000 - 5,999
		1,252	06. 6,000 - 6,999
		1,209	07. 7,000 - 7,999
		1,006	08. 8,000 - 8,999
		1,100	09. 9,000 - 9,999
		1,521	10. 10,000 - 10,999
		896	11. 11,000 - 11,999
		1,557	12. 12,000 - 12,999
		966	13. 13,000 - 13,999
		863	14. 14,000 - 14,999
		1,375	15. 15,000 - 15,999
		957	16. 16,000 - 16,999
		1,108	17. 17,000 - 17,999
		1,208	18. 18,000 - 18,999
		1,573	19. 19,000 - 19,999
		5,541	20. 20,000 - 24,999
		5,555	21. 25,000 - 29,999
		5,125	22. 30,000 - 34,999
		3,578	23. 35,000 - 39,999
		3,154	24. 40,000 - 44,999
		2,732	25. 45,000 - 49,999
		6,500	26. \$50,000 and over
		8,324	27. Unknown

Locations	Item No.	Frequency	Items and Codes
60	Recode		FAMILY INCOME RECODE
		3,782	0. Under \$5,000
		2,422	1. \$ 5,000 - \$ 6,999
		3,315	2. 7,000 - 9,999
		5,803	3. 10,000 - 14,999
		6,221	4. 15,000 - 19,999
		5,541	5. 20,000 - 24,999
		10,680	6. 25,000 - 34,999
		9,464	7. 35,000 - 49,999
		6,500	8. \$50,000 or more
		8,324	9. Unknown
61	Generated		NHIS POVERTY INDEX*
		48,126	1. Above poverty threshold
		8,346	2. Below poverty threshold
		5,580	3. Unknown
62-63			FAMILY RELATIONSHIP
62	A-2		TYPE OF FAMILY
		6,176	&. Primary individual
		976	-. Secondary individual
		54,788	0. Primary family
		112	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		5,970	&. Reference person, living alone
		18,429	0. Reference person, 2+ persons in household
		13,675	1. Spouse, other spouse NOT in Armed Forces and living at home
		164	2. Spouse, other spouse IN Armed Forces and living at home
		20,973	3. Child of reference person or spouse
		1,095	4. Grandchild of reference person or spouse
		437	5. Parent of reference person or spouse
		1,295	6. Other relative
		14	7. Child of ineligible reference person
		0	9. DK or refused

*Based on family size, number of children under 18 years of age & family income using the 1985 poverty levels derived from the August, 1986 Current Population Survey.

Tape Locations	Item No.	Frequency	Items and Codes
64	Recode		FAMILY RELATIONSHIP RECODE
		5,970	1. Living alone
		1,182	2. Living only with non-relative
		27,995	3. Living with spouse
		26,905	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)
		13,400	1. Both parents, no other relative
		3,501	2. Mother only
		282	3. Father only
		1,614	4. Both parents and other 21+ year old adult relative
		1,155	5. Mother and other 21+ year old adult relative
		95	6. Father and other 21+ year old adult relative
adult		217	7. No parent, but one 21+ year old relative
		348	8. No parent, but two or more 21+ year old adult relatives
		351	9. Unknown
		1,148	0. Other
ever		39,941	Blank. Not applicable (25+ years old or married)

*Count includes spouse in military but living at home.

Tape Locations	Item No.	Frequency	Items and Codes
69	B-1 B-8		MAJOR ACTIVITY (18+ years old)
		26,755	1. Working
		9,119	2. Keeping house
		2,703	3. Going to school
		5,695	4. Something else
		387	5. Unknown
		17,393	Blank. Not applicable (Under 18 years)
70	G-4		HEALTH STATUS
		23,872	1. Excellent
		16,698	2. Very Good
		14,721	3. Good
		4,661	4. Fair
		1,836	5. Poor
		264	6. Unknown
71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
		2,541	1. Unable to perform major activity
activity		3,479	2. Limited in kind/amount major
		2,760	3. Limited in other activities
		53,272	4. Not limited (includes unknowns)
72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		2,648	1. Unable to work
		1,997	2. Limited in kind/amount of work
		1,392	3. Limited in other activities
		33,873	4. Not limited (includes unknowns)
		22,142	Blank. Not applicable (under 18 years, 70+ years)

Tape Locations	Item No.	Frequency	Items and Codes
73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		44	1. Unable to attend school
		328	2. Attends special school/classes
		44	3. Needs special school/classes
		129	4. Limited in school attendance
		208	5. Limited in other activities
		11,640	6. Not limited (includes unknowns)
		49,659	Blank. Not applicable (under 5 years or 18+ years)
74 old needs or	B-14		NEEDS HELP WITH PERSONAL CARE (5-59 years and limited, or age 60-69 years)*
		312	1. Unable to perform personal care
		761	2. Limited in performing other routine needs
		8,928	3. Not limited in performing personal routine needs
		215	4. Unknown
		51,836	Blank. Not applicable (under 5 years; 5-59 years not limited; 70+ years old)
75 years)	D-1		EMPLOYMENT STATUS IN PAST 2 WEEKS (18+ years)
			In the Labor Force: (1-7)
			Currently employed: (1-3)
		27,422	1. Worked in past 2 weeks
		655	2. Did not work, has job; not on lay-off and not looking for work
		27	3. Did not work, has job; looking for work
			Unemployed: (4-7)
off		84	4. Did not work, has job; on lay-off
off		8	5. Did not work, has job; on lay-off and looking for work
if		341	6. Did not work, has job; unknown looking or on lay-off
		1,365	7. Did not work, no job; looking for work or on lay-off
			Not in Labor Force (18+ years): (8)
		14,757	8. Not in Labor Force (18+ years)
		17,393	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

- 32 -

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
76	L-6		CLASS OF WORKER
		14,757	0. Not in labor force
		21,441	1. Private company
		919	2. Federal Government employee
		1,146	3. State Government employee
		2,273	4. Local Government employee
		736	5. Incorporated business
		2,635	6. Self-employed
		99	7. Without pay
		83	8. Never worked
		570	9. Unknown
		17,393	Blank. Under 18
77-79	L-6		INDUSTRY DETAIL CODE
		29,902	010-996. Code number
		32,150	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
		29,902	003-999. Code number
		32,150	Blank. Not applicable

87-88 Recode

OCCUPATION RECODE 1

SEE APPENDIX C

1

- 33 -

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
89-90	Recode		OCCUPATION RECODE 2 SEE APPENDIX C
91	L-R		RESPONDENT
		16,373	0. Under 17
		28,220	1. Self-entirely
		3,236	2. Self-partly
		13,762	3. Proxy
		461	4. Unknown
92	Recode		CONDITION LIST ASSIGNED AND ASKED
		10,400	1. Condition List 1, Skin and musculoskeletal
		10,227	2. Condition List 2, Impairments
		10,531	3. Condition List 3, Digestive
		10,169	4. Condition List 4, Miscellaneous
		10,182	5. Condition List 5, Circulatory
		10,285	6. Condition List 6, Respiratory
		258	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	
		55,182	00. None
		6,870	01-14. Days

1

- 34 -

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
100-101	D-4		BED DAYS IN PAST TWO WEEKS
		57,893	00. None
		4,159	01-14. Days
102-103	D-2		WORK-LOSS DAYS IN PAST TWO WEEKS (control on Currently Employed, 75:1-3)
		60,273	00. None
		1,779	01-14. Days
104-105	D-3		SCHOOL-LOSS DAYS IN PAST TWO WEEKS
		60,973	00. none
		1,079	01-14. Days
106-107 TWO	D-6		OTHER DAYS OF RESTRICTED ACTIVITY IN PAST WEEKS
		58,836	00. None
		3,216	01-14. Days
108-110	G-2		BED DAYS IN PAST 12 MONTHS
		33,586	000. None
		27,970	001-365. 1-365 days

496

366. Unknown

111	Recode		BED DAYS IN PAST 12 MONTHS - Recode
		33,586	0. None
		20,904	1. 1-7 days
		5,372	2. 8-30 days
		1,376	3. 31-180 days
		318	4. 181-365 days
		496	5. Unknown

1

- 35 -

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

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

112-114	G-3		DOCTOR VISITS IN PAST 12 MONTHS
		15,867	000. None
		45,981	001-996. Visits
		0	997. 997+ visits
		204	998. Unknown

115	G-3		INTERVAL SINCE LAST DOCTOR VISIT
		114	0. Never
		46,521	1. Less than 1 year
		6,224	2. 1 to less than 2 years
		6,036	3. 2 to less than 5 years
		2,268	4. 5 years or more
		889	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
---------	-----------	--	----------------------------------

182	Master Record		REGION
		13,206	1. Northeast
		15,478	2. Midwest
		21,295	3. South
		12,073	4. West

183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		25,780	1. 1,000,000 or more
		16,500	2. 250,000 - 999,999
		3,491	3. 100,000 - 249,999
		1,096	4. Under 100,000
		15,185	Blank. Non-MSA

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

*Based on operation codes and reason entered hospital.

1

- 37 -

NHIS PUBLIC USE TAPE RECORDS
PERSON RECORD

Tape Locations	Item No.	Frequency	Items and Codes
185	Master Record		TYPE OF PSU
		33,249	1. MSA - Self-representing
		13,618	3. MSA - Nonself-representing
		21	4. Non-MSA - Self-representing
		15,164	6. Non-MSA - Nonself-representing

186	Recode		MSA - NON-MSA RESIDENCE
		19,938	1. MSA - Central City
		26,929	2. MSA - Not Central City
		14,275	3. Non-MSA - Nonfarm
		910	4. Non-MSA - Farm

187-189			PSEUDO PSU CODES
190-200			CHRONIC CONDITION PREVALENCE AND INCIDENCE FACTOR (XX.XXXXXXXXXX) - character format
with			implied decimal
			FINAL BASIC WEIGHT
201-209			QUARTER
210-218			SEMI-ANNUAL (WT/2)
219-227			ANNUAL (WT/4)
			6.5 WEIGHT
228-236			QUARTER, SEMI-ANNUAL, AND ANNUAL
			ESTIMATED RESTRICTED ACTIVITY DAYS IN PAST 2 WEEKS
237-245			QUARTER, SEMI-ANNUAL AND ANNUAL
1			- 38 -
			NHIS PUBLIC USE TAPE RECORDS PERSON RECORD
			ESTIMATED BED DAYS IN PAST 2 WEEKS
246-254			QUARTER, SEMI-ANNUAL AND ANNUAL
			ESTIMATED WORK-LOSS DAYS IN PAST 2 WEEKS (control on Currently Employed, 75:1-3)
255-263			QUARTER, SEMI-ANNUAL AND ANNUAL

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

conditions for each body system, e.g., digestive. The total sample was divided into six subsamples. Each subsample was asked the set of conditions corresponding to one of the six chronic disease check lists.

Use of Condition Records

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

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

NHIS Created Codes

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

NHIS Code	Category Title
019	Tuberculosis, arrested or inactive
	Psychic factors associated with diseases classified elsewhere in specified system:
316.0	Musculoskeletal
316.1	Respiratory
316.2	Cardiovascular
316.3	Skin
1	- 42 -
316.4	Gastrointestinal
316.5	Genitourinary
316.6	Endocrine
316.7	Organs of special sense
316.8	Other
316.9	Unspecified
399	Rheumatic fever, inactive
477.7	Allergies with multiple causes
693.2	Skin allergies with multiple causes

799.5

Observation with no condition found

Codes Not Used by NHIS

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

Unused ICD	Coded To:
009.1	558
009.3	558
137-139	Impairment, as appropriate
230-234	Not applicable (not reported in NHIS)
235-238	Benign, malignant or unspecified, by site
268.1	Not applicable (not reported in NHIS)
306.0,6,7,8,9	Code as if non-psychogenic
315.0-2	X14
317-319	X19
326	Code residual effect to appropriate impairment or ICD 320-325
331.3,4	X93
342	X41
343	X50
1	- 43 -
344.0,2-6,8,9	Less than 3 months, see Medical Coding Manual, Appendix III If greater than 3 months, code as impairment, by site and extent
353.5	X70-X79, by site
369	X00-X03, by severity and site
388.2	X05-X09, by severity and site
389	X05-X09, by severity and site
391	Usually 398.9 (see Short Index)
410-412	414
429.6	414
436	437

438	Appropriate impairment usually (see Medical Coding Manual, Appendix III)
520.0-2,5	X92
521.6	X92
524	X92
718.6	X85
728.2	X70-X79, by site
728.4	Orthopedic impairment, by site
728.6	X74
734	X77
735	X76
736	Impairment, by type, site and cause
737	X70
738	Impairment, by type, site and cause
740	Not applicable (not reported in NHIS)
741	X71.9
742.0,1,3	X93.9
1	- 44 -
743	Code to equivalent acquired diseases of the eye 744.0-3388.9 and/or appropriate impairment (see Appendix III)
744.5	X79.9
744.8,9	of face, coded to X90.9 of neck, coded to X79.9
749	X91.9
750.0,1	X11.9
753.0	X31.9
754.2	X70.9
754.3	X75.9
754.4	X76.9
754.5-7	X78.9 except flatfoot coded to X77

754.8	Appropriate impairment, by type and site
755	Appropriate impairment, by type and site
756.0-3	Appropriate impairment, by type and site
758.0	X19.9
759.7.9	X99.9
761.6	Not applicable
779.6	Not applicable (for fetus)
781.5	X74
783.1	278.0
798	Not applicable
871.3	X00-X03
885-887	Appropriate impairment, by site
895-897	Appropriate impairment, by site
905.6-8	X80-89, by site
905.9	X20-29, X35, by site
1	- 45 -
908.6	Code to effect
909.0,1,3,9	Code to effect
958	Code injury only
960-979	977.9
980.987	989.9

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

Acute Conditions

Annual incidence estimates can be calculated by the following:

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

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

When associated disability days such as annual bed days are needed, the

weighted number of bed days in location 246-254 should be substituted for the 6.5 weight in 3 above).

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

Chronic Conditions

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

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

1

- 46 -

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

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

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

In order to calculate annual prevalence estimates:

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

Rates should be calculated using the population estimates from the subsample as the denominator.

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

- 47 -

NHIS PUBLIC USE TAPE RECORDS

Outline of Items and Codes
 Number of Records = 45,106
 CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		45,106	30. Condition Record
3-4	-		PROCESSING YEAR
		45,106	86. 1986
5	-		PROCESSING QUARTER
		12,004	1. Quarter 1
		10,728	2. Quarter 2
		10,899	3. Quarter 3
		11,475	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 reassigned for administrative purposes. See Locations 19-20 for the code which reflects the actual week assigned for conducting the interview. No interviews were conducted during weeks 01 and 02 of Quarter 1. The sample households for the two weeks were reassigned to weeks 03-13 of Quarter 1.

1 - 48 -

NHIS PUBLIC USE TAPE RECORDS
 CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
11-12	HH-5		SEGMENT NUMBER Week plus Segment Number identifies the segment
13-14	HH-5		HOUSEHOLD NUMBER Numbered within PSU-Week-Segment
15-16	-		PERSON NUMBER
17-18	-		CONDITION SERIAL NUMBER 01-99. Serial Number
19-20	HH-5		WEEK CODE (Numbered within Quarter)
		2,040	Week 01. 01, 21, 41, 61, 81
		2,278	Week 02. 02, 22, 42, 62, 82
		4,135	Week 03. 03, 23, 43, 63, 83
		3,968	Week 04. 04, 24, 44, 64, 84

3,661	Week 05.	05, 25, 45, 65, 85
3,592	Week 06.	06, 26, 46, 66, 86
4,038	Week 07.	07, 27, 47, 67, 87
3,611	Week 08.	08, 28, 48, 68, 88
3,402	Week 09.	09, 29, 49, 69, 89
3,841	Week 10.	10, 30, 50, 70, 90
3,364	Week 11.	11, 31, 51, 71, 91
3,672	Week 12.	12, 32, 52, 72, 92
3,504	Week 13.	13, 33, 53, 73, 93

21

BLANK

1

- 49 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

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

22-23 HH-10d

TYPE OF LIVING QUARTERS:

Housing Unit = (00-07)

209	00.	Housing unit; kind unknown
41,952	01.	House, apartment, flat
61	02.	HU in nontransient hotel, motel, etc.
21	03.	HU-permanent in transient hotel, motel, etc.
37	04.	HU in rooming house
2,211	05.	Mobile home or trailer with no permanent room added
283	06.	Mobile home or trailer with one or more permanent rooms added
10	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.
8	10.	Unoccupied site for mobile home, trailer, or tent
245	11.	Student quarters in college dormitory
54	12.	Other unit not specified above
1	13.	Other unit; kind unknown

24	HH-11		HAS TELEPHONE
		40,677	1. Yes, phone number given
		1,214	2. Yes, no phone number given
		3,094	3. No
		121	4. Unknown

25	A-1		SEX
		18,802	1. Male
		26,304	2. Female

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

1 - 50 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

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

27-28	Person Column		AGE
		382	00. Under 1 year
		44,716	01-98. Number of years
		8	99. 99+ years of age

29	Recode		AGE RECODE #1
		1,655	1. Under 5 years
		4,423	2. 5-17 years
		2,989	3. 18-24 years
		11,506	4. 25-44 years
		12,528	5. 45-64 years
		3,739	6. 65-69 years
		2,979	7. 70-74 years
		5,287	8. 75 years and over

30	Recode		AGE RECODE #2
		1,963	1. Under 6 years
		3,705	2. 6-16 years
		3,399	3. 17-24 years

5,691	4. 25-34 years
5,815	5. 35-44 years
5,190	6. 45-54 years
7,338	7. 55-64 years
6,718	8. 65-74 years
5,287	9. 75 years and over

31-32	Recode	AGE RECODE #3
	1,039	00-35. Months
	44,067	36. Over 3 years

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

1 - 51 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
34-39	A-3		MONTH AND YEAR OF BIRTH
34-35			MONTH
			01. January 08. August
			02. February 09. September
			03. March 10. October
			04. April 11. November
			05. May 12. December
			06. June 99. DK or refused
			07. July
36-39			YEAR OF BIRTH
			1800-1899. 1800-1899
			1900-1987. 1900-1987
			9999. DK or refused

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

42	L-3	MAIN RACIAL BACKGROUND - Reported
	478	1. Aleut, Eskimo, or American Indian

430	2. Asian/Pacific Islander
6,460	3. Black
37,185	4. White
323	5. Other
70	6. Multiple race
160	7. Unknown

1

- 52 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
43-45	Recode		RACE RECODES
43			RECODE 1
		37,697	1. White
		6,494	2. Black
		915	3. Other
44			RECODE 2
		37,697	1. White
		7,409	2. Non-white
45			RECODE 3
		6,494	1. Black
		38,612	2. Non-black
46-47	L-4		HISPANIC ORIGIN
		47	00. Multiple Hispanic
		307	01. Puerto Rican
		154	02. Cuban
		402	03. Mexican-Mexicano
		584	04. Mexican-American
		24	05. Chicano
		188	06. Other Latin American
		438	07. Other Spanish
		102	08. Spanish, DK type
		251	09. Unknown if Spanish origin
		42,609	10. Not Spanish origin
48	L-7		MARITAL STATUS

4,482	0. Under 14 years
22,853	1. Married - spouse in household
319	2. Married - spouse not in household
6,069	3. Widowed
3,462	4. Divorced
1,138	5. Separated
6,657	6. Never married
126	7. Unknown

1

- 53 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
49	L-1		VETERAN STATUS
		31,602	1. Non-veteran
		83	2. WW I
		3,056	3. WW II
		1,169	4. Korean War
		1,447	5. Vietnam veteran
		278	6. Post-Vietnam
		814	7. Other service
		233	8. Served in Armed Forces, unknown if war veteran
		346	9. Unknown if served in Armed Forces
		6,078	Blank. Under 18 years of age
50	L-1		ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES
		31,602	0. Non-veteran
		356	1. All service in Guard/Reserve
		1,032	2. Some service in Guard/Reserve
		16	3. Unknown if all service in Guard/Reserve
		5,314	4. No active service in Guard/Reserve
		708	5. Unknown if ever active member in Guard/Reserve or if served in Armed Forces
		6,078	Blank. Under 18 years of age
51-52	L-2		EDUCATION OF INDIVIDUAL - COMPLETED YEARS
		1,173	00. Never attended; kindergarten only
		30,290	01-12. Grades 1-12

College:

2,334	13.	1 year
2,757	14.	2 years
1,148	15.	3 years
2,886	16.	4 years
753	17.	5 years
1,556	18.	6 years or more
554	19.	Unknown
1,655	Blank.	Under 5 years of age

1

- 54 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
53	Recode		EDUCATION OF INDIVIDUAL RECODE
		1,173	0. None; kindergarten only
		10,070	1. 1-8 years (elementary)
		6,983	2. 9-11 years (high school)
		13,237	3. 12 years (high school graduate)
		6,239	4. 1-3 years (college)
		2,886	5. 4 years (college graduate)
		2,309	6. 5+ years (post-college)
		554	7. Unknown
		1,655	Blank. Under 5 years of age
54-55 FAMILY	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT MEMBER (Detail)
		162	00. Never attended; kindergarten only
		26,329	01-12. Grades 1-12
			College:
		3,136	13. 1 year
		4,161	14. 2 years
		1,728	15. 3 years
		5,008	16. 4 years
		1,259	17. 5 years
		3,105	18. 6 years or more
		218	19. Unknown

HIGHEST EDUCATION OF RESPONSIBLE ADULT

MEMBER - Recode

162	0. None; kindergarten only
4,872	1. 1-8 years (elementary)
5,842	2. 9-11 years (high school)
15,615	3. 12 years (high school graduate)
9,025	4. 1-3 years (college)
5,008	5. 4 years (college graduate)
4,364	6. 5+ years (post-college)
218	7. Unknown

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
57	L-8		FAMILY INCOME \$20,000 OR MORE
		22,941	1. Less than \$20,000
		20,884	2. \$20,000 or more
		1,281	3. Unknown
58-59	L-8		FAMILY INCOME
		375	00. Less than \$ 1,000
		467	01. \$ 1,000 - \$ 1,999
		637	02. 2,000 - 2,999
		1,084	03. 3,000 - 3,999
		1,450	04. 4,000 - 4,999
		1,287	05. 5,000 - 5,999
		1,602	06. 6,000 - 6,999
		1,404	07. 7,000 - 7,999
		1,121	08. 8,000 - 8,999
		1,133	09. 9,000 - 9,999
		1,397	10. 10,000 - 10,999
		823	11. 11,000 - 11,999
		1,348	12. 12,000 - 12,999
		850	13. 13,000 - 13,999
		624	14. 14,000 - 14,999
		1,079	15. 15,000 - 15,999
		817	16. 16,000 - 16,999
		835	17. 17,000 - 17,999
		884	18. 18,000 - 18,999
		1,151	19. 19,000 - 19,999
		3,626	20. 20,000 - 24,999
		3,419	21. 25,000 - 29,999

3,160	22.	30,000 - 34,999
1,973	23.	35,000 - 39,999
1,743	24.	40,000 - 44,999
1,590	25.	45,000 - 49,999
3,845	26.	\$50,000 and over
5,382	27.	Unknown

1

- 56 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
60	Recode		FAMILY INCOME RECODE
		4,013	0. Under \$5,000
		2,889	1. \$ 5,000 - \$ 6,999
		3,658	2. 7,000 - 9,999
		5,042	3. 10,000 - 14,999
		4,766	4. 15,000 - 19,999
		3,626	5. 20,000 - 24,999
		6,579	6. 25,000 - 34,999
		5,306	7. 35,000 - 49,999
		3,845	8. \$50,000 or more
		5,382	9. Unknown
61	Generated		NHIS POVERTY INDEX*
		34,119	1. Above poverty threshold
		7,117	2. Below poverty threshold
		3,870	3. Unknown
62-63			FAMILY RELATIONSHIP
62	A-2		TYPE OF FAMILY
		8,383	&. Primary individual
		733	-. Secondary individual
		35,936	0. Primary family
		54	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		8,111	&. Reference person, living alone
		16,008	0. Reference person, 2+ persons in household
		11,282	1. Spouse, other spouse NOT in Armed Forces and living at home
		145	2. Spouse, other spouse IN Armed Forces

		and living at home
7,744	3.	Child of reference person or spouse
312	4.	Grandchild of reference person or spouse
757	5.	Parent of reference person or spouse
737	6.	Other relative
10	7.	Child of ineligible reference person
0	9.	DK or refused

*Based on family size, number of children under 18 years of age & family income using the 1985 poverty levels derived from the August, 1986 Current Population Survey.

1

- 57 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
64	Recode		FAMILY RELATIONSHIP RECODE
		8,111	1. Living alone
		1,005	2. Living only with non-relative
		22,816	3. Living with spouse
		13,174	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)
		4,747	1. Both parents, no other relative
		1,311	2. Mother only
		94	3. Father only
		498	4. Both parents and other 21+ year old adult relative
		319	5. Mother and other 21+ year old adult relative
		30	6. Father and other 21+ year old adult

adult	73	7.	relative No parent, but one 21+ year old
	97	8.	relative No parent, but two or more 21+ year old adult relatives
	175	9.	Unknown
	693	0.	Other
ever	37,069	Blank.	Not applicable (25+ years old or married)

*Count includes spouse in military but living at home.

1 - 58 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
69	B-1 B-8		MAJOR ACTIVITY (18+ years old)
		15,883	1. Working
		11,251	2. Keeping house
		1,439	3. Going to school
		9,979	4. Something else
		476	5. Unknown
		6,078	Blank. Not applicable (Under 18 years)
70	G-4		HEALTH STATUS
		8,273	1. Excellent
		9,372	2. Very Good
		12,129	3. Good
		8,856	4. Fair
		6,278	5. Poor
		198	6. Unknown
71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
activity		7,565	1. Unable to perform major activity
		8,470	2. Limited in kind/amount major
		6,304	3. Limited in other activities
		22,767	4. Not limited (includes unknowns)

72 Recode

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

7,866	1. Unable to work
4,478	2. Limited in kind/amount of work
2,925	3. Limited in other activities
15,493	4. Not limited (includes unknowns)
14,344	Blank. Not applicable (under 18 years, 70+ years)

1

- 59 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		75	1. Unable to attend school
		569	2. Attends special school/classes
		77	3. Needs special school/classes
		217	4. Limited in school attendance
		345	5. Limited in other activities
		3,140	6. Not limited (includes unknowns)
		40,683	Blank. Not applicable (under 5 years or 18+ years)
74	B-14		NEEDS HELP WITH PERSONAL CARE (5-59 years and limited, or age 60-69 years)*
old		1,055	1. Unable to perform personal care
needs		2,568	2. Limited in performing other routine needs
or		15,049	3. Not limited in performing personal routine needs
		18	4. Unknown
		26,416	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)
		16,093	1. Worked in past 2 weeks

off	795	2. Did not work, has job; not on lay-off
		and not looking for work
	27	3. Did not work, has job; looking for work
		Unemployed: (4-7)
	70	4. Did not work, has job; on lay-off
	8	5. Did not work, has job; on lay-off and looking for work
	255	6. Did not work, has job; unknown if looking or on lay-off
	864	7. Did not work, no job; looking for work or on lay-off
		Not in Labor Force (18+ years): (8)
	20,916	8. Not in Labor Force (18+ years)
	6,078	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 - 60 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
76	L-6		CLASS OF WORKER
		20,916	0. Not in labor force
		12,294	1. Private company
		630	2. Federal Government employee
		806	3. State Government employee
		1,495	4. Local Government employee
		440	5. Incorporated business
		1,939	6. Self-employed
		77	7. Without pay
		42	8. Never worked
		389	9. Unknown
		6,078	Blank. Under 18

77-79	L-6		INDUSTRY DETAIL CODE
		18,112	010-996. Code number
		26,994	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
		18,112	003-999. Code number
		26,994	Blank. Not applicable

87-88	Recode		OCCUPATION RECODE 1
			SEE APPENDIX C

89-90	Recode		OCCUPATION RECODE 2
			SEE APPENDIX C

1

- 61 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
91	L-R		RESPONDENT
		5,668	0. Under 17
		28,902	1. Self-entirely
		2,568	2. Self-partly
		7,707	3. Proxy
		261	4. Unknown
92	Recode		CONDITION LIST ASSIGNED AND ASKED
		8,819	1. Condition List 1, Skin and musculoskeletal
		8,019	2. Condition List 2, Impairments
		5,987	3. Condition List 3, Digestive
		6,698	4. Condition List 4, Miscellaneous
		7,195	5. Condition List 5, Circulatory
		8,193	6. Condition List 6, Respiratory

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

- 62 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
107	K-3		CHRONIC/ACUTE CODE
		37,979	1. Chronic
		7,127	2. Acute

108	K-5		ONSET
		4,793	1. During the past 2 weeks
		3,182	2. Over 2 weeks to 3 months
		5,159	3. Over 3 months to 12 months
		10,766	4. Over 1 year to 5 years
		21,206	5. Over 5 years

109	K-2		DOCTOR LAST SEEN FOR THIS CONDITION
		105	0. Interview week
		11,496	1. 2-week reference period
		13,310	2. Over 2 weeks, less than 6 months
		4,207	3. 6 months, less than 1 year
		3,098	4. 1 year, less than 2 years
		2,877	5. 2 years, less than 5 years
		2,916	6. 5 years or more
		698	7. Doctor seen, DK when
		472	8. DK if doctor seen
		5,927	9. Doctor never seen

110	Recode		DOCTOR EVER SEEN FOR THIS CONDITION
		39,179	1. Yes
		5,927	2. No

111-112	K-6		TOTAL RESTRICTED ACTIVITY DAYS IN PAST 2 WEEKS FOR THIS CONDITION
		36,682	00. None
		8,424	01-14. 1-14 days

113-114	K-7		BED DAYS IN PAST 2 WEEKS FOR THIS CONDITION
		40,252	00. None
		4,854	01-14. 1-14 days

1 - 63 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

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

115-116	K-8		WORK-LOSS DAYS IN PAST 2 WEEKS FOR THIS CONDITION (control on Currently Employed, 75:1-3)
		43,244	00. None
		1,862	01-14. 1-14 days

117-118	K-9		SCHOOL-LOSS DAYS IN PAST 2 WEEKS FOR THIS
---------	-----	--	---

43	4. 1 year
91	5. 2-4 years
26	6. 5-9 years
32	7. 10 years or more
70	8. Unknown
44,658	Blank. Not applicable/not a chronic condition

125	K-12		CONDITION PRESENT IN PAST 12 MONTHS*
		19,862	1. Yes
		104	2. No
		18,013	3. Unknown/not a "check-list" condition
		7,127	Blank. Not a chronic condition

126	Recode		CONDITION CAUSES ACTIVITY LIMITATION (all ages) (Location 71 in Person Record and all other records except household)
of		8,780	1. Limited, this condition main cause limitation
		5,391	2. Limited, this condition secondary cause of limitation
		8,168	3. Limited, but not caused by this condition
		22,767	4. Not limited

*Use only for check-list conditions.

1 - 65 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

Tape Locations	Item No.	Frequency	Items and Codes
127	Recode		CONDITION CAUSES LIMITATION IN ABILITY TO WORK (for all persons 18-69 years of age)
		4,645	1. Limited in work, this condition main cause of this limitation
		2,963	2. Limited in work, this condition secondary cause of this limitation
		4,736	3. Limited in work but not caused by this condition
		18,418	4. Not limited in work
		14,344	Blank. Not applicable

128	-		ALL INJURIES*
		4,893	1. First
		660	2. Not first
		39,553	Blank. Not an injury

129	Recode		IS INJURY ADVERSE REACTION OR COMPLICATION OF MEDICAL CARE
		41	1. Yes, adverse reaction**
		234	2. Yes, complication of medical care (therapeutic misadventure)**
		5,278	3. No, other injury
		39,553	Blank. Not an injury

130	K-14		PLACE OF ACCIDENT
		612	1. At home (inside house)
		508	2. At home (adjacent premises)
roadway		1,327	3. Street and highway (including and public sidewalks)
		141	4. Farm
premises)		907	5. Industrial place (including
		282	6. School (including premises)
		324	7. Place of recreation and sports, except school
		670	8. Other
		782	9. Unknown
		39,553	Blank. Not an injury

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

**Locations 130-132 are coded 'Unknown' for these injuries.

1

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

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

131	K-15		AT WORK AT TIME OF ACCIDENT
-----	------	--	-----------------------------

1,368	1. Yes
2,316	2. No
828	3. Not applicable, under 18 at time of accident
218	4. Not applicable, in Armed Forces
823	5. Unknown
39,553	Blank. Not an injury

132 K-16 MOTOR VEHICLE INVOLVED

1,372	1. Yes
3,640	2. No
541	3. Unknown
39,553	Blank. Not an injury

133 K-16 NUMBER OF VEHICLES INVOLVED

789	1. One
572	2. Two or more
11	3. Unknown
43,734	Blank. Not an injury/no or unknown if motor vehicle involved

134 K-16 MOVING MOTOR VEHICLE INVOLVED

1,173	1. Yes
162	2. No
37	3. Unknown
43,734	Blank. Not an injury/no or unknown if motor vehicle involved

1

- 67 -

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

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

135-137	Recode		CLASS OF ACCIDENT
		5,060	111-322.
		218	400. SEE APPENDIX D
		234	500.
		41	600.
		39,553	Blank. Not an injury

138	Recode		SELECTED FIRST INJURY*
		3,833	1. First
		401	2. Not first
		40,872	Blank. Not a selected injury

139	Recode		CONDITION CAUSES PERSONAL CARE ACTIVITY LIMITATION (5-59 years old and limited, or age 60-69 years)
		1,073	1. Limited, condition main cause of limitation
of		607	2. Limited, condition secondary cause limitation
		1,943	3. Limited, but not caused by this condition
		15,067	4. Not limited
		26,416	Blank. Not applicable (under 5 years, 5-59 years not limited, 70+ years old)

140-181	-		BLANK
---------	---	--	-------

182	Master Record		REGION
		8,545	1. Northeast
		12,020	2. Midwest
		16,055	3. South
		8,486	4. West

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

NHIS PUBLIC USE TAPE RECORDS
CONDITION RECORD

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

17,020	1. 1,000,000 or more
12,348	2. 250,000 - 999,999
2,535	3. 100,000 - 249,999
884	4. Under 100,000
12,319	Blank. Non-MSA

184 Blank

185	Master Record		TYPE OF PSU
		22,487	1. MSA - Self-representing
		10,300	3. MSA - Nonself-representing
		25	4. Non-MSA - Self-representing
		12,294	6. Non-MSA - Nonself-representing

186	Recode		MSA - NON-MSA RESIDENCE
		14,492	1. MSA - Central City
		18,295	2. MSA - Not Central City
		11,646	3. Non-MSA - Nonfarm
		673	4. Non-MSA - Farm

187-189 PSEUDO PSU CODES

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

1 - 69 -

NHIS PUBLIC USE TAPE RECORDS
 CONDITION RECORD

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

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

219-227 ANNUAL (WT/4)

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 IN PAST 2 WEEKS -
(Control on Currently Employed 75:1-3)
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:

1 - 71 -

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

1NOTES:

1 - 73 -

NHIS PUBLIC USE TAPE RECORDS
Outline of Items and Codes
Number of Records = 12,833
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		12,833	40. Two-week Doctor Visit Record
3-4	-		PROCESSING YEAR
		12,833	86. 1986
5	-		PROCESSING QUARTER
		3,685	1. Quarter 1
		2,939	2. Quarter 2
		3,034	3. Quarter 3
		3,175	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 reassigned for administrative purposes. See Locations 19-20 for the code which reflects the actual week assigned for conducting the interview. No interviews were conducted during weeks 01 and 02 of Quarter 1. The sample households for the two weeks were reassigned to weeks 03-13 of Quarter 1.

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
11-12	HH-5		SEGMENT NUMBER Week plus Segment Number identifies the segment
13-14	HH-5		HOUSEHOLD NUMBER Numbered within PSU-Week-Segment
15-16	-		PERSON NUMBER
17-18	-		DOCTOR VISIT SERIAL NUMBER 01-99. Serial Number
19-20	HH-5		WEEK CODE (Numbered within Quarter)
		512	Week 01. 01, 21, 41, 61, 81
		634	Week 02. 02, 22, 42, 62, 82
		1,212	Week 03. 03, 23, 43, 63, 83
		1,186	Week 04. 04, 24, 44, 64, 84
		1,126	Week 05. 05, 25, 45, 65, 85
		1,088	Week 06. 06, 26, 46, 66, 86
		1,099	Week 07. 07, 27, 47, 67, 87
		1,012	Week 08. 08, 28, 48, 68, 88
		937	Week 09. 09, 29, 49, 69, 89
		1,050	Week 10. 10, 30, 50, 70, 90
		1,024	Week 11. 11, 31, 51, 71, 91
		1,071	Week 12. 12, 32, 52, 72, 92
		882	Week 13. 13, 33, 53, 73, 93
21			BLANK

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		100	00. Housing unit; kind unknown
		11,944	01. House, apartment, flat
		20	02. HU in nontransient hotel, motel, etc.
		4	03. HU-permanent in transient hotel, motel, etc.
		13	04. HU in rooming house
		578	05. Mobile home or trailer with no permanent room added
		52	06. Mobile home or trailer with one or more permanent rooms added
		10	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.
		2	10. Unoccupied site for mobile home, trailer, or tent
		84	11. Student quarters in college dormitory
		21	12. Other unit not specified above
		0	13. Other unit; kind unknown
24	HH-11		HAS TELEPHONE
		11,606	1. Yes, phone number given
		373	2. Yes, no phone number given
		821	3. No
		33	4. Unknown
25	A-1		SEX
		5,183	1. Male
		7,650	2. Female
26	-		BLANK

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
27-28	Person Column		AGE
		419	00. Under 1 year
		12,400	01-98. Number of years
		14	99. 99+ years of age
29	Recode		AGE RECODE #1
		1,199	1. Under 5 years
		1,548	2. 5-17 years
		1,062	3. 18-24 years
		3,540	4. 25-44 years
		2,967	5. 45-64 years
		740	6. 65-69 years
		639	7. 70-74 years
		1,138	8. 75 years and over
30	Recode		AGE RECODE #2
		1,341	1. Under 6 years
		1,280	2. 6-16 years
		1,188	3. 17-24 years
		1,971	4. 25-34 years
		1,569	5. 35-44 years
		1,337	6. 45-54 years
		1,630	7. 55-64 years
		1,379	8. 65-74 years
		1,138	9. 75 years and over
31-32	Recode		AGE RECODE #3
		860	00-35. Months
		11,973	36. Over 3 years
33			BLANK

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
34-39	A-3		MONTH AND YEAR OF BIRTH
34-35			MONTH
			01. January
			02. February
			03. March
			04. April
			05. May
			06. June
			07. July
			08. August
			09. September
			10. October
			11. November
			12. December
			99. DK or refused
36-39			YEAR OF BIRTH
			1800-1899. 1800-1899
			1900-1986. 1900-1986
			9999. DK or refused
40-41			BLANK
42	L-3		MAIN RACIAL BACKGROUND - Reported
		152	1. Aleut, Eskimo, or American Indian
		150	2. Asian/Pacific Islander
		1,784	3. Black
		10,514	4. White
		124	5. Other
		20	6. Multiple race
		89	7. Unknown

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
43-45	Recode		RACE RECODES
	43		RECODE 1
		10,738	1. White
		1,790	2. Black
		305	3. Other
	44		RECODE 2
		10,738	1. White
		2,095	2. Non-white
	45		RECODE 3
		1,790	1. Black
		11,043	2. Non-black
46-47	L-4		HISPANIC ORIGIN
		19	00. Multiple Hispanic
		126	01. Puerto Rican
		45	02. Cuban
		116	03. Mexican-Mexicano
		205	04. Mexican-American
		8	05. Chicano
		61	06. Other Latin American
		125	07. Other Spanish
		15	08. Spanish, DK type
		99	09. Unknown if Spanish origin
		12,014	10. Not Spanish origin
48	L-7		MARITAL STATUS
		2,247	0. Under 14 years
		6,107	1. Married - spouse in household
		84	2. Married - spouse not in household
		1,213	3. Widowed
		852	4. Divorced
		294	5. Separated
		1,988	6. Never married
		48	7. Unknown

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
49	L-1		VETERAN STATUS
		8,435	1. Non-veteran
		20	2. WW I
		606	3. WW II
		220	4. Korean War
		362	5. Vietnam veteran
		89	6. Post-Vietnam
		169	7. Other service
		76	8. Served in Armed Forces, unknown if war veteran
		109	9. Unknown if served in Armed Forces
		2,747	Blank. Under 18 years of age
50	L-1		ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES
		8,435	0. Non-veteran
		99	1. All service in Guard/Reserve
		247	2. Some service in Guard/Reserve
		3	3. Unknown if all service in Guard/Reserve
		1,110	4. No active service in Guard/Reserve
		192	5. Unknown if ever active member in Guard/Reserve or if served in Armed Forces
		2,747	Blank. Under 18 years of age
51-52	L-2		EDUCATION OF INDIVIDUAL - COMPLETED YEARS
		385	00. Never attended; kindergarten only
		7,687	01-12. Grades 1-12
			College:
		687	13. 1 year
		765	14. 2 years
		310	15. 3 years
		925	16. 4 years
		251	17. 5 years
		482	18. 6 years or more
		142	19. Unknown
		1,199	Blank. Under 5 years of age

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
53	Recode		EDUCATION OF INDIVIDUAL RECODE
		385	0. None; kindergarten only
		2,265	1. 1-8 years (elementary)
		1,786	2. 9-11 years (high school)
		3,636	3. 12 years (high school graduate)
		1,762	4. 1-3 years (college)
		925	5. 4 years (college graduate)
		733	6. 5+ years (post-college)
		142	7. Unknown
		1,199	Blank. Under 5 years of age
54-55 FAMILY	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT MEMBER (Detail)
		36	00. Never attended; kindergarten only
		6,771	01-12. Grades 1-12
			College:
		1,016	13. 1 year
		1,185	14. 2 years
		529	15. 3 years
		1,741	16. 4 years
		434	17. 5 years
		1,048	18. 6 years or more
		73	19. Unknown
56 FAMILY	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT MEMBER - Recode
		36	0. None; kindergarten only
		964	1. 1-8 years (elementary)
		1,381	2. 9-11 years (high school)
		4,426	3. 12 years (high school graduate)
		2,730	4. 1-3 years (college)
		1,741	5. 4 years (college graduate)
		1,482	6. 5+ years (post-college)

1

- 81 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
57	L-8		FAMILY INCOME \$20,000 OR MORE
		5,615	1. Less than \$20,000
		6,841	2. \$20,000 or more
		377	3. Unknown
58-59	L-8		FAMILY INCOME
		116	00. Less than \$1,000
		111	01. \$ 1,000 - \$ 1,999
		186	02. 2,000 - 2,999
		239	03. 3,000 - 3,999
		352	04. 4,000 - 4,999
		291	05. 5,000 - 5,999
		378	06. 6,000 - 6,999
		282	07. 7,000 - 7,999
		228	08. 8,000 - 8,999
		280	09. 9,000 - 9,999
		324	10. 10,000 - 10,999
		184	11. 11,000 - 11,999
		371	12. 12,000 - 12,999
		246	13. 13,000 - 13,999
		146	14. 14,000 - 14,999
		297	15. 15,000 - 15,999
		224	16. 16,000 - 16,999
		249	17. 17,000 - 17,999
		198	18. 18,000 - 18,999
		326	19. 19,000 - 19,999
		1,084	20. 20,000 - 24,999
		1,129	21. 25,000 - 29,999
		1,009	22. 30,000 - 34,999
		667	23. 35,000 - 39,999
		606	24. 40,000 - 44,999
		496	25. 45,000 - 49,999
		1,359	26. \$50,000 and over
		1,455	27. Unknown

1

- 82 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
60	Recode		FAMILY INCOME RECODE
		1,004	0. Under \$5,000
		669	1. \$ 5,000 - \$ 6,999
		790	2. 7,000 - 9,999
		1,271	3. 10,000 - 14,999
		1,294	4. 15,000 - 19,999
		1,084	5. 20,000 - 24,999
		2,138	6. 25,000 - 34,999
		1,769	7. 35,000 - 49,999
		1,359	8. \$50,000 or more
		1,455	9. Unknown
61	Generated		NHIS POVERTY INDEX*
		10,007	1. Above poverty threshold
		1,860	2. Below poverty threshold
		966	3. Unknown
62-63			FAMILY RELATIONSHIP
62	A-2		TYPE OF FAMILY
		1,913	&. Primary individual
		226	-. Secondary individual
		10,671	0. Primary family
		23	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		1,870	&. Reference person, living alone
		4,010	0. Reference person, 2+ persons in household
		3,214	1. Spouse, other spouse NOT in Armed Forces and living at home
		63	2. Spouse, other spouse IN Armed Forces and living at home
		3,182	3. Child of reference person or spouse
		150	4. Grandchild of reference person or spouse
		130	5. Parent of reference person or spouse
		212	6. Other relative
		2	7. Child of ineligible reference person
		0	9. DK or refused

*Based on family size, number of children under 18 years of age and family income using the 1985 poverty levels derived from the August, 1986 Current Population Survey.

1

- 83 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
64	Recode		FAMILY RELATIONSHIP RECODE
		1,870	1. Living alone
		269	2. Living only with non-relative
		6,098	3. Living with spouse
		4,596	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)
		2,165	1. Both parents, no other relative
		509	2. Mother only
		23	3. Father only
		182	4. Both parents and other 21+ year old adult relative
		141	5. Mother and other 21+ year old adult relative
		8	6. Father and other 21+ year old adult relative
		22	7. No parent, but one 21+ year old relative
adult		35	8. No parent, but two or more 21+ year old adult relatives
		79	9. Unknown
		246	0. Other
		9,423	Blank. Not applicable (25+ years old or ever married)

*Count includes spouse in military but living at home.

1

- 84 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
69	B-1 B-8		MAJOR ACTIVITY (18+ years old)
		4,712	1. Working
		2,493	2. Keeping house
		473	3. Going to school
		2,328	4. Something else
		80	5. Unknown
		2,747	Blank. Not applicable (Under 18 years)
70	G-4		HEALTH STATUS
		2,942	1. Excellent
		2,993	2. Very Good
		3,238	3. Good
		1,980	4. Fair
		1,619	5. Poor
		61	6. Unknown
71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
activity		1,942	1. Unable to perform major activity
		1,504	2. Limited in kind/amount major
		1,049	3. Limited in other activities
		8,338	4. Not limited (includes unknowns)
72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		1,787	1. Unable to work
		757	2. Limited in kind/amount of work
		555	3. Limited in other activities
		5,210	4. Not limited (includes unknowns)
		4,524	Blank. Not applicable (under 18 years, 70+ years)

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		17	1. Unable to attend school
		73	2. Attends special school/classes
		22	3. Needs special school/classes
		86	4. Limited in school attendance
		80	5. Limited in other activities
		1,270	6. Not limited (includes unknowns)
		11,285	Blank. Not applicable (under 5 years or 18+ years)
74	B-14		NEEDS HELP WITH PERSONAL CARE (5-59 years and limited, or age 60-69 years)*
old		348	1. Unable to perform personal care
needs		616	2. Limited in performing other routine needs
or		2,985	3. Not limited in performing personal routine needs
		12	4. Unknown
		8,872	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)
		4,486	1. Worked in past 2 weeks
off		439	2. Did not work, has job; not on lay-off and not looking for work
		16	3. Did not work, has job; looking for work
			Unemployed: (4-7)
		34	4. Did not work, has job; on lay-off
and		3	5. Did not work, has job; on lay-off

	84	looking for work
	197	6. Did not work, has job; unknown if looking or on lay-off
		7. Did not work, no job; looking for work or on lay-off
		Not in Labor Force (18+ years): (8)
	4,827	8. Not in Labor Force (18+ years)
	2,747	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

- 86 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
76	L-6		CLASS OF WORKER
		4,827	0. Not in labor force
		3,646	1. Private company
		203	2. Federal Government employee
		259	3. State Government employee
		431	4. Local Government employee
		134	5. Incorporated business
		462	6. Self-employed
		10	7. Without pay
		7	8. Never worked
		107	9. Unknown
		2,747	Blank. Under 18
77-79	L-6		INDUSTRY DETAIL CODE
		5,259	010-996. Code number
		7,574	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
		5,259	003-999. Code number
		7,574	Blank. Not applicable

87-88	Recode		OCCUPATION RECODE 1
			SEE APPENDIX C

89-90	Recode		OCCUPATION RECODE 2
			SEE APPENDIX C

1

- 87 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
91	L-R		RESPONDENT
		2,621	0. Under 17
		7,306	1. Self-entirely
		687	2. Self-partly
		2,142	3. Proxy
		77	4. Unknown
92	Recode		CONDITION LIST ASSIGNED AND ASKED
		2,158	1. Condition List 1, Skin and musculoskeletal
		2,165	2. Condition List 2, Impairments
		2,082	3. Condition List 3, Digestive
		2,059	4. Condition List 4, Miscellaneous
		2,247	5. Condition List 5, Circulatory
		2,075	6. Condition List 6, Respiratory
		47	7. Unknown
93-96	F-1		DATE OF VISIT
		2	6666. During 2 weeks, DK when
		708	7777. Last week, DK day

	894	8888. Week before, DK day
93-94		MONTH
	748	01. January
	1,195	02. February
	1,251	03. March
	969	04. April
	869	05. May
	778	06. June
	831	07. July
	872	08. August
	891	09. September
	962	10. October
	952	11. November
	846	12. December
	65	99. DK month
95-96		DAY
	12,768	01-31. Day of month
	65	99. DK day codes for Unknown in month and day

1

- 88 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
97-98	Recode		DOCTOR VISIT VALUES (Number of days between Date of Visit and Interview)
period		147	00. Visit on last Sunday of reference
		311	01. Visit on second Saturday of reference period
		1,194	02. Visit on second Friday of reference period
		1,021	03. Visit on second Thursday of reference period
		1,000	04. Visit on second Wednesday of reference period
		1,099	05. Visit on second Tuesday of reference period
		1,253	06. Visit on second Monday of reference period
		124	07. Visit on first Sunday of reference period
	267	08. Visit on first Saturday of reference period	

947	09.	Visit on first Friday of reference period
895	10.	Visit on first Thursday of reference period
853	11.	Visit on first Wednesday of reference period
952	12.	Visit on first Tuesday of reference period
1,101	13.	Visit on first Monday of reference period
1,669	14.	No value (records not coded 01-31 in Day of Month of Visit)

99	Recode	DAY OF WEEK OF VISIT
	2,354	1. Monday
	2,051	2. Tuesday
	1,853	3. Wednesday
	1,916	4. Thursday
	2,141	5. Friday
	578	6. Saturday
	271	7. Sunday
	1,669	8. Unknown

1

- 89 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

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

100	Recode	WEEK OF VISIT
	6,733	1. Last week
	6,033	2. Week before
	67	3. During 2 weeks, DK when

101-102

PLACE OF VISIT

1,568	01.	Telephone
		Not in Hospital
451	02.	Home
6,995	03.	Doctor's office
147	04.	Company or Industrial clinic
959	05.	Other clinic
39	06.	Laboratory

303 07. Other

In Hospital

1,136	08. Outpatient clinic
507	09. Emergency Room
381	10. Doctor's office
68	11. Laboratory
170	12. Other
109	13. Unknown

103	Recode	PLACE OF VISIT
	1,568	1. Telephone
	6,995	2. Doctor's office (not in hospital)
	1,136	3. Hospital Outpatient clinic
	507	4. Hospital Emergency Room
	381	5. Doctor's office in hospital
	147	6. Company or Industry clinic
	451	7. Home
	1,539	8. Other place (Loc. 101-102 = 5,6,7,11,12)
	109	9. Unknown

1

- 90 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

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

104	F-3	MEDICAL DOCTOR ACTUALLY TALKED TO
	9,921	1. Yes
	2,732	2. No
	180	3. Unknown

105-106	F-3	KIND OF MEDICAL DOCTOR FOR THIS DOCTOR VISIT/CONTACT
	849	00. M.D., DK if G.P. or specialist
	5,149	01. General practitioner
	9	02. Anesthesiologist
	252	03. Dermatologist
	1,440	04. Internist
	195	05. Neurologist
	818	06. Obstetrician/Gynecologist
	456	07. Ophthalmologist

566	08.	Orthopedist
68	09.	Osteopath
207	10.	Otolaryngologist
7	11.	Pathologist
1,047	12.	Pediatrician
9	13.	Proctologist
194	14.	Psychiatrist
245	15.	Radiologist
315	16.	Surgeon (not listed above)
0	17.	Syphilologist
244	18.	Urologist
78	19.	Other M.D. specialist
121	20.	Specialist, DK kind
35	21.	Family Practice (specialist)
488	22.	DK if medical doctor
41	Blank.	Not applicable; no medical doctor reported for this visit/contact

1

- 91 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
107-108	F-3		TYPE OF MEDICAL ASSISTANT SEEN/TALKED TO
		51	31. Nurse practitioner
		56	32. Physician's assistant
		1,337	33. Nurse
		92	34. Laboratory technician
		0	35. Paramedic
		318	36. Physical therapist
		7	37. Social worker
		5	38. Pharmacist
		63	39. X-ray technician
		52	40. Other technician
		45	41. Dentist/oral surgeon
		28	42. Optometrist/Optician
		176	43. Chiropractor
		119	44. Foot specialist
		2	45. Dietician
		43	46. Psychologist
		4	47. Nutritionist
		0	48. Naprapath
		1	49. Orthoptic technician/Orthopist
		187	50. Other non-medical person
		326	51. Unknown type of medical assistant
		9,921	Blank. Not applicable; medical assistant not talked to (Location 104 = 1)

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
109-110	F-3		TYPE OF PERSON TALKED TO/SEEN
		434	00. M.D., DK if G.P. or specialist
		4,326	01. General practitioner
		7	02. Anesthesiologist
		234	03. Dermatologist
		1,063	04. Internist
		121	05. Neurologist
		690	06. Obstetrician/Gynecologist
		428	07. Ophthalmologist
		402	08. Orthopedist
		58	09. Osteopath
		184	10. Otolaryngologist
		3	11. Pathologist
		900	12. Pediatrician
		8	13. Proctologist
		165	14. Psychiatrist
		191	15. Radiologist
		276	16. Surgeon (not listed above)
		0	17. Syphilologist
		212	18. Urologist
		52	19. Other M.D. specialist
		107	20. Specialist, DK kind
		29	21. Family Practice (specialist)
		51	31. Nurse practitioner
		56	32. Physician's assistant
		1,337	33. Nurse
		92	34. Laboratory technician
		0	35. Paramedic
		318	36. Physical therapist
		7	37. Social worker
		5	38. Pharmacist
		63	39. X-ray technician
		52	40. Other technician
		45	41. Dentist/Oral surgeon
		28	42. Optometrist/Optician
		176	43. Chiropractor
		119	44. Foot specialist
		2	45. Dietician
		43	46. Psychologist
		4	47. Nutritionist
		0	48. Naprapath
		1	49. Orthoptic technician/Orthoptist
		187	50. Other non-medical person
		326	51. Not MD; unknown type of medical assistant

1

- 93 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
111-161			CONDITIONS FOR WHICH DOCTOR VISITED
111-127			CONDITION NO. 1
111-112	F-4		SERIAL NUMBER
			01-99. Condition Serial Number Blank.
113-116	Condition Record		ICD/NHIS CODE
		132	0000. No matched condition record
		10,824	ICD/NHIS Code (note Unknown = 7999)
		1,877	Blank. No condition for this visit
117	Condition Record		CHRONIC/ACUTE CODE
		132	0. No matched condition record
		6,605	1. Chronic
		4,219	2. Acute
		1,877	Blank. No condition for this visit
118-121	Condition Record		ACUTE RECODE (A)
		132	0000. No matched condition record
		3,852	1001-5931. Acute Recode
		367	5932. All other acute conditions including unknowns
		8,482	Blank. Chronic condition or no condition for this visit
122-124	Condition Record		CHRONIC RECODE (C)
		132	000. No matched condition record
		5,060	101-615. Chronic Recode
		1,545	999. All other chronic conditions including unknowns
		6,096	Blank. Acute condition or no condition for this visit
125-127	Condition		CONDITION RECODE (B)

Record	132	000.	No matched condition record
	10,741	010-570.	Condition recode
	83	990.	All other conditions including unknown
	1,877	Blank.	No condition for this visit

1

- 94 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
111-161 cont...			CONDITIONS FOR WHICH DOCTOR VISITED -
128-144			CONDITION NO. 2
128-129	F-4		SERIAL NUMBER
			01-99. Condition Serial Number
			Blank.
130-133	Condition Record		ICD/NHIS CODE
		16	0000. No matched condition record
		1,805	ICD/NHIS Code (note Unknown = 7999)
		11,012	Blank. No condition for this visit
134	Condition Record		CHRONIC/ACUTE CODE
		16	0. No matched condition record
		1,253	1. Chronic
		552	2. Acute
		11,012	Blank. No condition for this visit
135-138	Condition Record		ACUTE RECODE (A)
		16	0000. No matched condition record
		467	1001-5931. Acute Recode
		85	5932. All other acute conditions including unknowns
condition		12,265	Blank. Chronic condition or no for this visit
139-141	Condition Record		CHRONIC RECODE (C)
		16	000. No matched condition record
		1,010	101-615. Chronic Recode
		243	999. All other chronic conditions including unknowns

for		11,564	Blank. Acute condition or no condition this visit
142-144	Condition Record		CONDITION RECODE (B)
		16	000. No matched condition record
		1,794	010-570. Condition recode
		11	990. All other conditions including unknown
		11,012	Blank. No condition for this visit
1			- 95 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
111-161 cont...			CONDITIONS FOR WHICH DOCTOR VISITED -
145-161			CONDITION NO. 3
145-146	F-4		SERIAL NUMBER
			01-99. Condition Serial Number
			Blank.
147-150	Condition Record		ICD/NHIS CODE
		25	0000. No matched condition record
		442	ICD/NHIS Code (note Unknown = 7999)
		12,366	Blank. No condition for this visit
151	Condition Record		CHRONIC/ACUTE CODE
		25	0. No matched condition record
		347	1. Chronic
		95	2. Acute
		12,366	Blank. No condition for this visit
152-155	Condition Record		ACUTE RECODE (A)
		25	0000. No matched condition record
		75	1001-5931. Acute Recode
		20	5932. All other acute conditions including unknowns
condition		12,713	Blank. Chronic condition or no for this visit
156-158	Condition Record		CHRONIC RECODE (C)

		25	000.	No matched condition record
		278	101-615.	Chronic Recode
		69	999.	All other chronic conditions including unknowns
		12,461	Blank.	Acute condition or no condition for this visit
159-161	Condition Record		CONDITION RECODE (B)	
		25	000.	No matched condition record
		442	010-570.	Condition recode
		0	990.	All other conditions including unknown
		12,366	Blank.	No condition for this visit

1

- 96 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

Tape Locations	Item No.	Frequency	Items and Codes
162	F-5		OPERATIONS PERFORMED DURING THIS VISIT
		457	1. Yes
		10,618	2. No
		190	3. Unknown
		1,568	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
169-181			BLANK
182	Master		REGION

Record	2,522	1. Northeast
	3,311	2. Midwest
	4,228	3. South
	2,772	4. West

183	Master Record	GEOGRAPHIC DISTRIBUTION	
		MSA Size	
	5,290	1.	1,000,000 or more
	3,419	2.	250,000 - 999,999
	742	3.	100,000 - 249,999
	225	4.	Under 100,000
	3,157	Blank.	Non-MSA

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

1 - 97 -

NHIS PUBLIC USE TAPE RECORDS
DOCTOR VISIT RECORD

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

185	Master Record		TYPE OF PSU
		6,887	1. MSA - Self-representing
		2,789	3. MSA - Nonself-representing
		3	4. Non-MSA - Self-representing
		3,154	6. Non-MSA - Nonself-representing

186	Recode		MSA - NON-MSA RESIDENCE
		4,285	1. MSA - Central City
		5,391	2. MSA - Not Central City
		3,020	3. Non-MSA - Nonfarm
		137	4. Non-MSA - Farm

187-189		PSEUDO PSU CODES
---------	--	------------------

190-200		CHRONIC CONDITION PREVALENCE AND INCIDENCE
---------	--	--

FACTOR (XX.XXXXXXXXXX)
character format with implied decimal

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

228-236	6.5 WEIGHT QUARTER, SEMI-ANNUAL AND ANNUAL
---------	---

237-335	BLANK
---------	-------

1NOTES:

1 - 99 -
H O S P I T A L R E C O R D

1NOTES:

1 - 101 -
NHIS PUBLIC USE TAPE RECORDS
Outline of items and Codes
Number of Records = 7,074
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-	7,074	RECORD TYPE 50. Hospital Record
3-4	-	7,074	PROCESSING YEAR 86. 1986
5	-		PROCESSING QUARTER

1,773	1. Quarter 1
1,754	2. Quarter 2
1,744	3. Quarter 3
1,803	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 reassigned for administrative purposes. See Locations 19-20 for the code which reflects the actual week assigned for conducting the interview. No interviews were conducted during weeks 01 and 02 of Quarter 1. The sample households for the two weeks were reassigned to weeks 03-13 of Quarter 1.

1 - 102 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

11-12	HH-5	SEGMENT NUMBER
-------	------	----------------

Week plus Segment Number identifies the segment

13-14	HH-5	HOUSEHOLD NUMBER
-------	------	------------------

Numbered within PSU-Week-Segment

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

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

19-20	HH-5	WEEK CODE (Numbered within Quarter)
		354 Week 01. 01, 21, 41, 61, 81
		337 Week 02. 02, 22, 42, 62, 82
		680 Week 03. 03, 23, 43, 63, 83
		660 Week 04. 04, 24, 44, 64, 84
		557 Week 05. 05, 25, 45, 65, 85
		598 Week 06. 06, 26, 46, 66, 86
		655 Week 07. 07, 27, 47, 67, 87
		517 Week 08. 08, 28, 48, 68, 88
		483 Week 09. 09, 29, 49, 69, 89
		558 Week 10. 10, 30, 50, 70, 90
		516 Week 11. 11, 31, 51, 71, 91
		614 Week 12. 12, 32, 52, 72, 92
		545 Week 13. 13, 33, 53, 73, 93

21		BLANK
----	--	-------

1 - 103 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		45	00. Housing unit; kind unknown
		6,541	01. House, apartment, flat
		11	02. HU in nontransient hotel, motel, etc.
		4	03. HU-permanent in transient hotel, motel, etc.
		6	04. HU in rooming house
		394	05. Mobile home or trailer with no

		permanent room added
41	06.	Mobile home or trailer with one or more permanent rooms added
1	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
22	11.	Student quarters in college dormitory
7	12.	Other unit not specified above
0	13.	Other unit; kind unknown

24 HH-11

HAS TELEPHONE

6,243	1.	Yes, phone number given
217	2.	Yes, no phone number given
603	3.	No
11	4.	Unknown

25 A-1

SEX

2,888	1.	Male
4,186	2.	Female

26 -

BLANK

1

- 104 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

27-28

Person
Column

AGE

144	00.	Under 1 year
6,929	01-98.	Number of years
1	99.	99+ years of age

29	Recode		AGE RECODE #1
		362	1. Under 5 years
		474	2. 5-17 years
		752	3. 18-24 years
		2,014	4. 25-44 years
		1,678	5. 45-64 years
		511	6. 65-69 years
		462	7. 70-74 years
		821	8. 75 years and over

30	Recode		AGE RECODE #2
		399	1. Under 6 years
		366	2. 6-16 years
		823	3. 17-24 years
		1,210	4. 25-34 years
		804	5. 35-44 years
		695	6. 45-54 years
		983	7. 55-64 years
		973	8. 65-74 years
		821	9. 75 years and over

31-32	Recode		AGE RECODE #3
		276	00-35. Months
		6,798	36. Over 3 years

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

1 - 105 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

34-39	A-3		MONTH AND YEAR OF BIRTH
-------	-----	--	-------------------------

34-35			MONTH
			01. January
			02. February
			03. March
			04. April

- 05. May
- 06. June
- 07. July
- 08. August
- 09. September
- 10. October
- 11. November
- 12. December
- 99. DK or refused

36-39

YEAR OF BIRTH

- 1800-1899. 1800-1899
- 1900-1987. 1900-1987
- 9999. DK or refused

40-41

BLANK

42 L-3

MAIN RACIAL BACKGROUND - Reported

- | | |
|-------|--------------------------------------|
| 70 | 1. Aleut, Eskimo, or American Indian |
| 72 | 2. Asian/Pacific Islander |
| 1,159 | 3. Black |
| 5,696 | 4. White |
| 48 | 5. Other |
| 8 | 6. Multiple race |
| 21 | 7. Unknown |

1

- 106 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

43-45

Recode

RACE RECODES

43

RECODE 1

- | | |
|-------|----------|
| 5,768 | 1. White |
| 1,163 | 2. Black |
| 143 | 3. Other |

44

RECODE 2

- | | |
|-------|--------------|
| 5,768 | 1. White |
| 1,306 | 2. Non-white |

45

RECODE 3

1,163	1. Black
5,911	2. Non-black

46-47 L-4

HISPANIC ORIGIN

8	00. Multiple Hispanic
81	01. Puerto Rican
33	02. Cuban
90	03. Mexican-Mexicano
105	04. Mexican-American
4	05. Chicano
37	06. Other Latin American
58	07. Other Spanish
14	08. Spanish, DK type
34	09. Unknown if Spanish origin
6,610	10. Not Spanish origin

48 L-7

MARITAL STATUS

626	0. Under 14 years
3,975	1. Married - spouse in household
67	2. Married - spouse not in household
805	3. Widowed
416	4. Divorced
186	5. Separated
962	6. Never married
37	7. Unknown

1

- 107 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

49 L-1

VETERAN STATUS

5,037	1. Non-veteran
13	2. WW I
545	3. WW II
193	4. Korean War
193	5. Vietnam veteran
46	6. Post-Vietnam
121	7. Other service
47	8. Served in Armed Forces, unknown if war veteran

43 9. Unknown if served in Armed Forces
 836 Blank. Under 18 years of age

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

5,037	0. Non-veteran
53	1. All service in Guard/Reserve
187	2. Some service in Guard/Reserve
6	3. Unknown if all service in Guard/Reserve
870	4. No active service in Guard/Reserve
85	5. Unknown if ever active member in Guard/Reserve or if served in Armed Forces
836	Blank. Under 18 years of age

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

153	00. Never attended; kindergarten only
4,776	01-12. Grades 1-12
	College:
381	13. 1 year
415	14. 2 years
181	15. 3 years
431	16. 4 years
93	17. 5 years
209	18. 6 years or more
73	19. Unknown
362	Blank. Under 5 years of age

1

- 108 -

NHIS PUBLIC USE TAPE RECORDS
 HOSPITAL RECORD

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

Tape Locations	Item No.	Frequency	Items and Codes
53	Recode		EDUCATION OF INDIVIDUAL RECODE
		153	0. None; kindergarten only
		1,398	1. 1-8 years (elementary)
		1,125	2. 9-11 years (high school)
		2,253	3. 12 years (high school graduate)
		977	4. 1-3 years (college)
		431	5. 4 years (college graduate)

302	6.	5+ years (post-college)
73	7.	Unknown
362	Blank.	Under 5 years of age

54-55	-	HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER (Detail)	
	23	00.	Never attended; kindergarten only
	4,292	01-12.	Grades 1-12
		College:	
	504	13.	1 year
	583	14.	2 years
	294	15.	3 years
	754	16.	4 years
	175	17.	5 years
	411	18.	6 years or more
	38	19.	Unknown

56	-	HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER - Recode	
	23	0.	None; kindergarten only
	664	1.	1-8 years (elementary)
	946	2.	9-11 years (high school)
	2,682	3.	12 years (high school graduate)
	1,381	4.	1-3 years (college)
	754	5.	4 years (college graduate)
	586	6.	5+ years (post-college)
	38	7.	Unknown

1 - 109 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
57	L-8		FAMILY INCOME \$20,000 OR MORE
		3,609	1. Less than \$20,000
		3,248	2. \$20,000 or more
		217	3. Unknown

58-59	L-8	FAMILY INCOME
-------	-----	---------------

59	00.	Less than	\$1,000
90	01.	\$ 1,000 -	\$ 1,999
108	02.	2,000 -	2,999
150	03.	3,000 -	3,999
188	04.	4,000 -	4,999
206	05.	5,000 -	5,999
219	06.	6,000 -	6,999
199	07.	7,000 -	7,999
154	08.	8,000 -	8,999
177	09.	9,000 -	9,999
184	10.	10,000 -	10,999
125	11.	11,000 -	11,999
247	12.	12,000 -	12,999
150	13.	13,000 -	13,999
136	14.	14,000 -	14,999
189	15.	15,000 -	15,999
121	16.	16,000 -	16,999
138	17.	17,000 -	17,999
139	18.	18,000 -	18,999
184	19.	19,000 -	19,999
589	20.	20,000 -	24,999
557	21.	25,000 -	29,999
510	22.	30,000 -	34,999
337	23.	35,000 -	39,999
260	24.	40,000 -	44,999
184	25.	45,000 -	49,999
558	26.	\$50,000	and over
916	27.	Unknown	

1

- 110 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

60	Recode	FAMILY INCOME RECODE
	595	0. Under \$5,000
	425	1. \$ 5,000 - \$ 6,999
	530	2. 7,000 - 9,999
	842	3. 10,000 - 14,999
	771	4. 15,000 - 19,999
	589	5. 20,000 - 24,999
	1,067	6. 25,000 - 34,999
	781	7. 35,000 - 49,999
	558	8. \$50,000 or more
	916	9. Unknown

61	Generated		NHIS POVERTY INDEX*
		5,221	1. Above poverty threshold
		1,190	2. Below poverty threshold
		663	3. Unknown

62-63 FAMILY RELATIONSHIP

62	A-2		TYPE OF FAMILY
		965	&. Primary individual
		77	-. Secondary individual
		6,009	0. Primary family
		23	1-9. Secondary family

63 A-2 RELATIONSHIP TO REFERENCE PERSON

	938	&. Reference person, living alone
	2,553	0. Reference person, 2+ persons in household
	2,025	1. Spouse, other spouse NOT in Armed Forces and living at home
	30	2. Spouse, other spouse IN Armed Forces and living at home
	1,183	3. Child of reference person or spouse
	72	4. Grandchild of reference person or spouse
	121	5. Parent of reference person or spouse
	152	6. Other relative
	0	7. Child of ineligible reference person
	0	9. DK or refused

*Based on family size, number of children under 18 years of age & family income using the 1985 poverty levels derived from the August, 1986 Current Population Survey.

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

64	Recode		FAMILY RELATIONSHIP RECODE
		938	1. Living alone
		104	2. Living only with non-relative
		3,974	3. Living with spouse
		2,058	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)

	652	1. Both parents, no other relative
	199	2. Mother only
	12	3. Father only
	77	4. Both parents and other 21+ year old adult relative
	83	5. Mother and other 21+ year old adult relative
	5	6. Father and other 21+ year old adult relative
adult	13	7. No parent, but one 21+ year old relative
	21	8. No parent, but two or more 21+ year old adult relatives
	37	9. Unknown
	90	0. Other
ever	5,885	Blank. Not applicable (25+ years old or married)

*Count includes spouse in military but living at home.

1

- 112 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

69 B-1
B-8

MAJOR ACTIVITY (18+ years old)

2,311	1. Working
1,815	2. Keeping house
173	3. Going to school
1,872	4. Something else
67	5. Unknown

836 Blank. Not applicable (Under 18 years)

70	G-4		HEALTH STATUS
		1,265	1. Excellent
		1,321	2. Very Good
		1,862	3. Good
		1,323	4. Fair
		1,267	5. Poor
		36	6. Unknown
71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
		1,479	1. Unable to perform major activity
		945	2. Limited in kind/amount major
activity		597	3. Limited in other activities
		4,053	4. Not limited (includes unknowns)

72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		1,336	1. Unable to work
		417	2. Limited in kind/amount of work
		272	3. Limited in other activities.
		2,930	4. Not limited (includes unknowns)
		2,119	Blank. Not applicable (under 18 years; 70+ years)

1 - 113 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		15	1. Unable to attend school
		31	2. Attends special school/classes
		3	3. Needs special school/classes
		36	4. Limited in school attendance
		19	5. Limited in other activities
		370	6. Not limited (includes unknowns)
		6,600	Blank. Not applicable (under 5 years; 18+ years)

old	74	B-14	NEEDS HELP WITH PERSONAL CARE (5-59 years and limited, or age 60-69 years)*
needs		269	1. Unable to perform personal care
		425	2. Limited in performing other routine needs
or		1,764	3. Not limited in performing personal routine needs
		13	4. Unkown
		4,603	Blank. Not applicable (under 5 years; 5-59 years not limited; 70+ years old)

years)	75	D-1	EMPLOYMENT STATUS IN PAST 2 WEEKS (18+ In the Labor Force: (1-7) Currently employed: (1-3)
off		2,129	1. Worked in past 2 weeks
		274	2. Did not work, has job; not on lay- and not looking for work
		2	3. Did not work, has job; looking for work
and		21	Unemployed: (4-7)
		2	4. Did not work, has job; on lay-off
		64	5. Did not work, has job; on lay-off looking for work
		157	6. Did not work, has job; unknown if looking or on lay-off
			7. Did not work, no job; looking for work or on lay-off
		3,589	Not in Labor Force (18+ years): (8)
		836	8. Not in Labor Force (18+ years) Blank. Not applicable (Under 18 years old)

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

1

- 114 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

76 L-6

CLASS OF WORKER

3,589	0. Not in labor force
1,883	1. Private company
89	2. Federal Government employee
101	3. State Government employee
199	4. Local Government employee
55	5. Incorporated business
235	6. Self-employed
12	7. Without pay
13	8. Never worked
62	9. Unknown
836	Blank. Under 18

77-79 L-6

INDUSTRY DETAIL CODE

2,649	010-996. Code number
4,425	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

2,649	003-999. Code number
4,425	Blank. Not applicable

87-88 Recode

OCCUPATION RECODE 1

SEE APPENDIX C

89-90 Recode

OCCUPATION RECODE 2

SEE APPENDIX C

Tape Locations	Item No.	Frequency	Items and Codes
91	L-R		RESPONDENT
		765	0. Under 17
		4,448	1. Self-entirely
		466	2. Self-partly
		1,349	3. Proxy
		46	4. Unknown

92	Recode		CONDITION LIST ASSIGNED AND ASKED
		1,202	1. Condition List 1, Skin and Musculoskeletal
		1,213	2. Condition List 2, Impairments
		1,175	3. Condition List 3, Digestive
		1,156	4. Condition List 4, Miscellaneous
		1,181	5. Condition List 5, Circulatory
		1,115	6. Condition List 6, Respiratory
		32	7. Unknown

93-94	Recode		HOSPITAL EPISODE NUMBER FOR SHORT-STAY HOSPITALS IN PAST YEAR
		6,956	01+. Number
		118	Blank. Long-stay hospitals

1

- 116 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
95-96	J-6		TYPE OF SERVICE
		6,664	01. General
		50	02. Psychiatric
		1	03. Tuberculosis
		29	04. Maternity
		10	06. Ear, Eye, Nose and Throat
		76	07. Children's

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

97	Recode	RECODE FOR TYPE OF SERVICE
	6,956	1. Short-stay hospitals (Codes 01, 04, 06, 07, 11, 89, 90, 98, 99)
	109	2. Long-stay hospitals (Codes 02, 03, 08, 09, 10, 12, 92, 94, 95)
	9	3. Not in index (Code 93)

1

- 117 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
98-99	J-6		TYPE OF OWNERSHIP
			1. Governmental, nonfederal
		211	12. State
		263	13. County
		163	14. City
		40	15. City-county
		430	16. Hospital district
			2. Nonprofit
		1,394	21. Church operated or related
		3,519	23. Other nonprofit
		0	24. Nonprofit, N.O.S.

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

1

- 118 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

Tape Locations	Item No.	Frequency	Items and Codes
100-105	J-2		DATE OF ADMISSION
100-101			MONTH
		603	01. January
		586	02. February
		560	03. March
		559	04. April
		602	05. May
		597	06. June
		569	07. July
		598	08. August
		603	09. September

619	10. October
613	11. November
565	12. December

102-103

DAY OF MONTH

01-31. Day of month

104-105

YEAR

0	82. 1982
0	83. 1983
3	84. 1984
3,242	85. 1985
3,829	86. 1986
0	87. 1987

106-109 Derived

NUMERICAL VALUE OF DATE OF ADMISSION

0001-1838. Date Values

110 Derived

ADMISSION RECODE (A)

265	1. Admission in past 2 weeks
6,661	2. Admission 2 weeks to a year ago
148	3. Admission prior to past 12 months

1

- 119 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

111-114 Derived

NUMERICAL VALUE FOR DATE OF INTERVIEW (C)

7,074	1487-1844. Values
0	9999. Unknown

115-118 Derived

DERIVED DATE OF DISCHARGE (D)

7,074	0002-1844. Values
0	9999. Unknown

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

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

124-126 Derived J - VALUE
63 Blank. Negative value
7,011 000-364. Value

127 Recode J - RECODE
63 0. Still in hospital
339 1. Discharges past 2 weeks (000-013)
3,422 2. Discharges in 2 weeks to 6 months
(014-181)
3,250 3. Discharges in 6-12 months (182-364)

128-131 J-3 TOTAL NIGHTS IN HOSPITAL
0001-1844. Nights

1 - 120 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

132	Recode		SHORT-STAY HOSPITAL DISCHARGE (based on 6-month recall)*
		3,693	1. Yes
		3,381	2. No

133	J-5		OPERATION PERFORMED DURING STAY
		3,624	1. Yes
		3,375	2. No

134-139	J-5		OPERATION CODES (See Appendix E)
134-135			OPERATION NUMBER 1
		3,624	00-99.
		3,450	Blank.
136-137			OPERATION NUMBER 2
		370	00-99.
		6,704	Blank.
138-139			OPERATION NUMBER 3
		37	00-99.
		7,037	Blank.
140-144			BLANK
145	Recode		HOSPITALIZATION FOR DELIVERY (Based on Operation Codes, Appendix E and reason entered hospital)
		930	1. Yes, delivery
		6,144	2. No
*Use weight field 210-218 for annual estimate.			
1			- 121 -
NHIS PUBLIC USE TAPE RECORDS HOSPITAL RECORD			
Tape Locations	Item No.	Frequency	Items and Codes
146-181			BLANK
182	Master Record		REGION
		1,448	1. Northeast
		1,800	2. Midwest
		2,686	3. South

1,140 4. West

183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		2,573	1. 1,000,000 or more
		1,943	2. 250,000 - 999,999
		456	3. 100,000 - 249,999
		146	4. Under 100,000
		1,956	Blank. Non-MSA

184 BLANK

185	Master Record		TYPE OF PSU
		3,492	1. MSA - Self-representing
		1,626	3. MSA - Nonself-representing
		6	4. Non-MSA - Self-representing
		1,950	6. Non-MSA - Nonself-representing

186	Recode		MSA - NON-MSA RESIDENCE
		2,287	1. MSA - Central City
		2,831	2. MSA - Not Central City
		1,849	3. Non-MSA - Nonfarm
		107	4. Non-MSA - Farm

187-189 PSEUDO PSU CODES

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

1 - 122 -

NHIS PUBLIC USE TAPE RECORDS
HOSPITAL RECORD

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

	FINAL BASIC WEIGHT
201-209	QUARTER
210-218*	SEMI-ANNUAL (WT/2)
219-227	ANNUAL (WT/4)
<hr/>	
	6.5 WEIGHT
228-236	QUARTER, SEMI-ANNUAL AND ANNUAL
<hr/>	
	ESTIMATED NIGHTS IN HOSPITAL IN PAST 2 WEEKS
237-245	QUARTER, SEMI-ANNUAL AND ANNUAL
<hr/>	
	ESTIMATED NIGHTS IN HOSPITAL IN PAST 12 MONTHS
246-254	QUARTER
255-263	SEMI-ANNUAL
264-272	ANNUAL
<hr/>	
	ESTIMATED TOTAL NIGHTS IN HOSPITAL
273-281	QUARTER
282-290*	SEMI-ANNUAL
291-299	ANNUAL
<hr/>	
300-335	BLANK

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

1

- 123 -

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

1NOTES:

1

- 125 -

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

- 127 -

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.

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

1 - 129 -

Revised April 30, 1983

National Health Interview Survey
Acute Condition Recode A

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

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

**NHIS codes tension headache to 784.0

1NOTES:

1 - 131 -

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.

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

1NOTES:

1 - 133 -

National Health Interview Survey

Diagnostic Recode B

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

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

1

- 134 -

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

1

- 135 -

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

1

- 136 -

National Health Interview Survey
Diagnostic Recode B

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

			159
10		Malignant Neoplasm of Respiratory and Inthrathoracic Organs	160-165
	100	Malignant neoplasm of larynx	161
	101	Malignant neoplasm of trachea, brochus and lung	162
	109	Residual	160, 163-165

1 - 137 -

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 - 138 -

National Health Interview Survey
Diagnostic Recode B

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

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

National Health Interview Survey
Diagnostic Recode B

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

*Excludes .0

***Includes all 4th digits except .9

1

- 141 -

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

1

- 142 -

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

1 - 143 -

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	Haemorrhoids	455
	309	Residual	456-459
31		Diseases of the Upper Respiratory Tract	460-465, 470-478, 477.7-A
	310	Acute tonsillitis	463
	311	Acute laryngitis and tracheitis	464

312	Other acute upper respiratory infections	460-462, 465
313	Deflected nasal septum and nasal polyps	470, 471
314	Chronic pharyngitis, nasopharyngitis and sinusitis	472, 473
315	Chronic diseases of tonsils and adenoids	474
319	Residual	475-478, 477.7-A

1

- 144 -

National Health Interview Survey
Diagnostic Recode B

2-digit Recode	3-digit Recode	Category	NHIS Diagnostic Code Inclusions
32		Other Diseases of the Respiratory System	466, 480-483, 485-487, 490-496, 500-508, 510-516, 518, 519, X30***
	320	Acute bronchitis and bronchiolitis	466
	321	Pneumonia	480-483, 485, 486
	322	Influenza	487
	323	Bronchitis, chronic and unspecified, emphysema and asthma	490-493
	324	Bronchiectasis	494
	325	Other chronic obstructive pulmonary disease	495, 496
	326	Pneumonconiosis and other lung disease due to external agents	500-508
	327	Pleurisy	511
	329	Residual	510, 512-516, 518, 519, X30***
33		Diseases of Oral Cavity, Salivary Glands and Jaws	520.3,4,7-9, 521-523, 525-529, X92
	330	Diseases of teeth and supporting structures	520.3,4,7-9, 521-523, 525, X92
	331	Disease of the jaw	526
	339	Residual	527-529

***Includes all 4th digits except .9

1 - 145 -

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 - 146 -

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, 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

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

- 148 -

National Health Interview Survey
Diagnostic Recode B

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

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

***Includes all 4th digits except .9

1

- 149 -

National Health Interview Survey
Diagnostic Recode B

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

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

**Includes 4th digit .9 only.

1

- 150 -

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

1

- 151 -

National Health Interview Survey
Diagnostic Recode B

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

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

1 - 152 -

National Health Interview Survey
Diagnostic Recode B

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

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

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

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

National Health Interview Survey
Diagnostic Recode B

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

1NOTES:

National Health Interview Survey

DIAGNOSTIC RECODE C

Chronic Conditions and Impairments

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

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

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

1NOTES:

1

- 157 -

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	- 158 -	

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

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 - 161 -

Revised April 30, 1983

National Health Interview Survey
Chronic Condition Recode C

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

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

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

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

1 - 162 -

Revised May 1, 1983

National Health Interview Survey
Chronic Condition Recode C

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

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

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

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

1 - 163 -

Revised April 30, 1983

National Health Interview Survey
Chronic Condition Recode C

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

LIST V: SELECTED CIRCULATORY CONDITIONS

501	Rheumatic fever with or without heart disease	390, 392-398, 399 (NHIS code only)
502	Ischemic heart disease	413, 414 (NHIS includes 410-412 and 429.6 in 414)
503	Heart rhythm disorders	
504	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 - 164 -

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

- 165 -

HEALTH INTERVIEW SURVEY - 1986

TABULATION SPECIFICATIONS AND WEIGHTING

INTRODUCTION

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

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

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

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

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

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

1NOTES:

1

- 167 -

SPECIFICATIONS FOR RECREATING THE CURRENT ESTIMATES TABLES

0

The accompanying instructions show procedures for deriving estimates from Health Interview Survey data tapes. The publication, "Current Estimates", for the year 1984 is used as a source for the examples.

0

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

for example, persons injured, the variables needed will be listed.

1NOTES:

1 - 169 -

TABULATING DATA FOR CURRENT ESTIMATES TABLES

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

1 - 170 -

TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
26-35	Bed Days Associated with Acute Conditions		
	Inclusions:		
	Condition records	1-2	30
	Acute	107	2
	Use:		
26-30	Acute Condition Recode A Denominator is population: see Table 78 specifications	100-103	1001-5932
	Weight:		
	2 week bed days	246-254	
36-45	Work-Loss Days Associated with Acute Conditions		
	Inclusions:		
	Condition records	1-2	30
	Acute	107	2
	Use:		
36-40	Acute Condition Recode A Denominator is currently employed population: see Table 78 specifications	100-103	1001-5932
	Weight:		
	2 week work-loss days	255-263	
1	- 171 -		

TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
46-49	School-Loss Days Associated with Acute Conditions		
	Inclusions:		
	Condition records	1-2	30
	Acute	107	2

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

1 - 172 -

TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
51-52	Episodes of Persons Injured - continued		
	Use:		
	Type/place of accident (all included records)		
	Moving motor vehicle involved (total)	134	1
	and	130	1-9
	(traffic)	134	1
	and	130	3
	(no)	134	2,4
	At work (yes)	131	1
	(no)	131	2
	Place of accident (home)	130	1-2
	(street)	130	3
	(industrial place)	130	5
	(other)	130	4,6-8
51	Denominator is population:		

see specifications for Table 78

Weight:

6.5 weight (2 week reference) 228-236

53-54 Restricted Activity Days Associated
with Persons Injured

Use:

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

Weight: 237-245

55-56 Bed Days Associated with Persons Injured

Use:

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

Weight: 246-254

1

- 173 -

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
	Weight:	219-227	
67	Denominator for percent distribution is population.		
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		

1

- 174 -

TABULATING DATA FOR CURRENT ESTIMATES TABLES

TABLE NUMBERS	ITEMS	TAPE LOCATIONS	CODES
ANNUAL ESTIMATES			
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.

1 - 175 -

TABULATING DATA FOR CURRENT ESTIMATES TABLES

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

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

1 - 176 -

TABULATING DATA FOR CURRENT ESTIMATES TABLES

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

1 - 177 -

APPENDIX A

CODES FOR TYPES OF SPECIAL PLACES

CODES

TYPES

I. SPECIFIED INSTITUTIONS

Correctional Institutions

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

Mental Institutions

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

Home for the Aged, Infirm, and Needy

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

40-----Nursing, Convalescent, and Rest Homes

Other Hospitals and Homes Providing Specialized Care

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

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 definition.

76-----Tourist homes

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

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).*

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

1

- 179 -

APPENDIX A

CODES FOR TYPES OF SPECIAL PLACES (continued)

CODES

TYPES

II. OTHER SPECIAL PLACES

Facilities for Housing Students---continued

- 83-----Schools with resident students and with predominantly non-salaried faculty such as nuns or priests.*
- 84-----Schools with resident students and operated primarily for religious training (other than those with predominantly non-salaried faculty) such as Bible Institutes.*

Facilities for Housing Workers

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

Additional Other Places

- 91-----Convents and other sisters' residences (those that meet the special place definition).
- 91-----Monasteries, other brothers' residences, and rectories (those that meet the special place definition).
- 92-----Communes
- 93-----Halfway houses--when occupants live there on a voluntary basis (assign halfway houses for persons not there on a voluntary basis to the appropriate institutional code).

- 00-----Nurses' Homes
- 01-----Flophouses, railroad stations
- 01-----Missions, Salvation Army Shelters
- 02-----Recreational and religious camps (adults or family)
- 03-----Recreational and religious camps (children's)
- 04-----Trailer camps
- 05-----Tent camps
- 06-----Armed forces installations
- 07-----Armed forces hospitals

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

1 NOTES:

1 - 181 -

APPENDIX

B

INDUSTRY RECODES OUTLINE

Recodes

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

01	01	010-011,020-021	AGRICULTURE	01-02,07,078
02	01	030-031	FORESTRY AND FISHERIES	08-09
<hr/>				
10	02	040-042,050	MINING	10-14
<hr/>				
20	03	060	CONSTRUCTION	15-17
<hr/>				
(30-34, 40-46)	(04)	-	MANUFACTURING:	
(30-34)			NONDURABLE GOODS	
30	04	100-102,110-112, 120-122	Food and kindred products	201-209
31	04	132,140-142, 150-152	Textile mill and finished textile products	221-229,231-239
32	04	171-172	Printing, publishing and allied industries	271-279
33	04	180-182,190-192	Chemicals and allied products	281-287,289
34	04	130,160-162, 200-201,210-212, 307, 220-222	Other nondurable goods	21,261-266,291,295, 299,301-304,306- 311,313-317,319

*Standard Industrial Classification

1 - 182 -

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			
<hr/>				
(30-34, 40-46)	(04)	-	MANUFACTURING: - continued	
(40-46)			DURABLE GOODS	
40	04	230-232,241-242	Furniture, lumber and wood	

41	04	270-272,280	Primary metal industries	331-332,334,3331- 3334,3339,3351,3353- 3362,3369,	3357,3361- 339
42	04	281-282,290-292, 300	Fabricated metal industries, including ordnance		341-349
43	04	310-312,320-322, 331-332	Machinery, except electrical		351-359
44	04	340-342,350	Electrical machinery, equipment and supplies		361-367,369
45	04	351-352,360-362, 370	Transportation equipment		371-376,379
46	04	250-252,261-262, 301,371-372, 380-382,390-392	Other and not specified durable goods		321-329,381-387,394

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

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

*Standard Industrial Classification

1 - 183 -

APPENDIX

B

INDUSTRY RECODES OUTLINE

Recodes					
No. 1	No. 2				
Chrs.	Chrs.	Detail Code	Industry Title	SIC Code*	
80-81	82-83	(Chrs. 77-79)			
60	06	500-502,510-512, 521-522,530-532, 540-542,550-552,	WHOLESALE TRADE	501-508,5093,5094, 5099,511-518,5191, 5194,5198,5199	

560-562,571

(61-65)	(07)	-	RETAIL TRADE	
61	07	591-592,600	General merchandise stores	531,533,539
62	07	601-602,610-611	Food, bakery and dairy stores	541-546,549
63	07	612,620-622	Automotive dealers and gasoline stations	551-557,559
64	07	641	Eating and drinking places	58
65	07	580-582,590, 630-632,640,642, 650-652,660-662,	Other and not specified retail trade	521,523,525-527,56, 571-573,591-593, 5941-5949,5961-
5963,		670-672,681-682, 691		598,5992-5994,5999

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

*Standard Industrial Classification

1 - 184 -

APPENDIX

B

INDUSTRY RECODES OUTLINE

Recodes

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

(75-85)	(09-12)	-	SERVICES:	
(75-76)	(09)		BUSINESS AND REPAIR SERVICES	
75	09	721-722,730-732, 740-742,750	Business services	731-737,7391-7397, 7399,751,752,754

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

*Standard Industrial Classification

1 - 185 -

APPENDIX

B

INDUSTRY RECODES OUTLINE

Recodes				

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

96	14	996	NEW WORKER
97	15	Not applicable	NOT IN LABOR FORCE - codes Blank and 8 in current activity recode (loc. 75) (Under 18 or 18+ and not in Labor Force).
98	16	942	ARMED FORCES (excludes Reserves and National Guard)

*Standard Industrial Classification

1 - 186 -

APPENDIX

B

INDUSTRY RECODE TITLES

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

14	UNKNOWN (includes new workers)	95-96
15	NOT IN LABOR FORCE	97
16	ARMED FORCES	98

1

- 187 -

APPENDIX C

OCCUPATION RECODE OUTLINE

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

10	02	183-189,193-195, 197-199	Writers, artists, entertainers and athletes	34,321-329,331- 333,398
11	02	166-169,173-179	Other professional specialty occupations	1912-1916,1919, 192,2032-2033, 2042,2049,211-

212

*Standard Occupational Classification.

1 - 188 -

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	4622-4624

and typists

19	05	337-339,343-344	Financial records processing occupations	4712-4713,4715-4716,4718
20	05	354-357	Mail and message distributing	4742-4745
21	05	303-307,316-319,323,325-329,335-336,345-349,353,359,363-366,368-369,373-379,383-387,389	Other administrative support	4511-4519,4521-4529,463,4642-4645,4649,4662-4664,4692,4694,4696,4699,4722-4723,4729,4732-4733,4739,4751-4759,4782-4784,4786-4787,4791-4795,4799

*Standard Occupational Classification.

1 - 189 -

APPENDIX

C

OCCUPATION RECODE OUTLINE

Recodes				

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

28	08	456-459,463-469	Personal service	5251-5258,5262-5264,5269
----	----	-----------------	------------------	--------------------------

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

29	09	473-476	Farm operators and managers	5512-5515,5522-5525
----	----	---------	-----------------------------	---------------------

30	09	477,479,483-489	Farm workers and other agricultural workers	5611-5619,5621-5622,5624-5625,5627
----	----	-----------------	---	------------------------------------

31	09	494-499	Forestry and fishing occupations	571-573,579,584,8241(pt.)
----	----	---------	----------------------------------	---------------------------

*Standard Occupational Classification.

1 - 190 -

APPENDIX

C

OCCUPATION RECODE OUTLINE

Recodes

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

(32-34) (10) - PRECISION PRODUCTION, CRAFT AND REPAIR OCCUPATIONS

32	10	503,505-509,514-519,523,525-527,529,533-536,538-539,543-544,547,549	Mechanics and repairers	60,6111-6118,613-614,6151-6159,616,6171-6179
----	----	---	-------------------------	--

33	10	553-558,563-567,569,573,575-577,579,583-585,587-589,593-599,613-617	Construction and extractive trades	6311-6316,6318,632,6412-6414,6422,6424,6432-6433,6442-6444,645,6462-6468,6472,6476,6479,652-654,656
----	----	---	------------------------------------	---

34	10	633-637,639,643-647,649,653-659,666-669,673-679,683-684,686-689,693-696,	Precision production occupations	67,71,6811-6814,6816-6817,6821-6824,6829,6831-6832,6835,6839,6844,6852-6854,
----	----	--	----------------------------------	--

*Standard Occupational Classification

1 - 191 -

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)		
OPERATORS, FABRICATORS AND LABORERS				
(35-36)	(11)		MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	
35	11	703-709,713-715, 717,719,723-729, 733-739,743-745, 747-749,753-759, 763-766,768-769, 773-774,777,779	Machine operators and tenderers, except precision	6841-6842,6849, 6855,6863,6868, 7312-7319,7322, 7324,7326,7329, 7339,7342-7344, 7349,7431-7435, 7439,7443-7444, 7449,7451-7452, 7459,7462-7463, 7467,7472,7474, 7476-7478, 7479(pt.),7512- 7519,7522,7529, 7539,7542-7544, 7549,7631-7636, 7639,7642-7644, 7649,7651-7652, 7654-7659,7661- 7667,7669,7671- 7676,7677(pt.), 7678-7679
36	11	783-787,789, 793-799	Fabricators, assemblers, inspectors and samplers	7332-7333,7532- 7533,7714,7717, 772,774,7753- 7759,782-785,787
(37-39)	(12)	-	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	

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

*Standard Occupational Classification

1 - 192 -

APPENDIX

C

OCCUPATION RECODE OUTLINE

Recodes				

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

*Standard Occupational Classification

1 - 193 -

APPENDIX

C

OCCUPATION RECODE TITLES

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

1NOTES:

1

NHIS - 1986 COMPUTER PROCESSING

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

1

NHIS 1986 COMPUTER PROCESSING

DESCRIPTION OF CLASS OF ACCIDENT CODE

Class of Accident Recode Loc. 135-137	Description	SOURCE - TAPE LOCATIONS			
		132 MV	134 MMV	130 Where?	131 Work?
211	Nonmoving motor vehicle - at work - at home	1	Not 1	1,2	1
212	Nonmoving motor vehicle - at work - not at home	1	Not 1	Not 1,2	1
221	Nonmoving motor vehicle - not at work - at home	1	Not 1	1,2	Not 1,4
222	Nonmoving motor vehicle - not at work - not at home	1	Not 1	Not 1,2	Not 1,4
311	Non-motor vehicle - at work - at home	Not 1	-	1,2	1
312	Non-motor vehicle - at work - not at home	Not 1	-	Not 1,2	1
321	Non-motor vehicle not at work - at home	Not 1	-	1,2	Not 1,4
322	Non-motor vehicle - not at work - not at home	Not 1	-	Not 1,2	Not 1,4
400	Injured in Armed Forces	-	-	-	4
500	Therapeutic misadventure	-	-	-	Not 4
600	Injury Condition/Adverse Reaction	-	-	-	Not 4

1 - 197 -

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

1 - 198 -

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 - 199 -

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

- 200 -

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 - 201 -

APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

OBSTETRICAL PROCEDURES (72-75)

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

OPERATIONS ON THE MUSCULOSKELETAL SYSTEM (76-84)

- 76 Operations on facial bones and joints
 - Excludes: accessory sinuses (22); nasal bones (21); and skull (01-02)
- 77 Incision, excision and division of other bones

Excludes: operations on facial bones (76); joint structures (80-81); nasal bones (21); and skull (01-02)

78 Other operations on bones, except facial bones

Excludes: operations on joint structures (80-81); nasal bones (21); and skull (01-02)

79 Reduction of fracture and dislocation

Includes: application of cast or splint; reduction with insertion of traction device

Excludes: external fixation alone for immobilization of fracture (93); internal fixation without reduction of fracture (78); operations on facial bones (76); nasal bones (21); orbit (76); skull (02); vertebrae (03); removal of cast or splint (97); replacement of cast or splint (97); and traction alone for reduction of fracture (93)

80 Incision and excision of joint structures

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

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

1

- 202 -

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

1 - 203 -

APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

MISCELLANEOUS DIAGNOSTIC AND THERAPEUTIC PROCEDURES (87-99)

87 Diagnostic radiology

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

Excludes: angiography (88).

88 Other diagnostic radiology and related techniques

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

Excludes: angiogram of eye (95).

89 Interview, evaluation, consultation, and examination

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

90 Microscopic examination-I

Includes: microscopic examination of specimen from nervous system, spinal fluid, endocrine glands, eye, ear, nose, throat,

larynx, trachea, bronchus, pleura, lung, of sputum, and
blood.

91 Microscopic examination - II

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

92 Nuclear medicine

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

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

Includes: diagnostic physical therapy; physical therapy exercises such as breathing exercises; manual traction; training in use of prosthesis; whirlpool treatments; heat therapy; skeletal traction; speech and reading training for blind; play
therapy;
education therapy; artificial respiration, mouth to mouth resuscitation; oxygen and helium therapy.

1

- 204 -

APPENDIX

E

CLASSIFICATION OF OPERATIONS AND
NON-OPERATIVE PROCEDURES, FOR HIS

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

94 Psychiatric interviews, consultations and evaluations

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

95 Ophthalmologic and otologic diagnosis and treatment

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

96 Nonoperative intubation and irrigation

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

97 Replacement and removal of therapeutic appliances

Includes: replacement of ostomy tubes; replacement of casts; removal of nasal packing, removal of dental wiring; removal of sutures

from head and neck; removal of drainage tubes; removal of IUD and removal of sutures from genital tract.

98 Nonoperative removal of foreign body

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

99 Other nonoperative procedures

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