

1994 National Health Interview Survey (NHIS)
Access to Care Public Use Data File

1. The 1994 National Health Interview Survey (NHIS) Access to Care data file contains a variety of data items addressing access to health care services.
2. The 1994 Access to Care topic was administered in all of the NHIS sample households for the full year. Information was collected from a household respondent about all family members who participated in the NHIS.

The 1994 Access to Care file is structured in the following way:

- a. The NHIS person record from the core questionnaire (locations 1-335)
 - b. The special topic data (locations 336-384)
3. In 1994, two types of item non-response were identified:
 - (1) "Not ascertained" (codes 8, 98, or 998) includes blanks when there should have been a response or when an impossible code appeared and
 - (2) Responses of "don't know" or "refused" when the question was asked (codes 9, 99 and 999).

4. The overall response rate for the 1994 Access was 85.4 percent. This response rate was calculated as follows:

Household response rate from core (94.1 percent) multiplied by 90.8 percent who responded to the Access section yields an overall response rate of 85.4 percent.

Dummy records were created for those with no response to the entire section (see file location 384).

5. Weights and variances:

Since the NHIS uses a multistage sample design to represent the civilian non-institutionalized population of the United States, weights must be used to make accurate estimates based on data from the NHIS. A set of weights is included on the 1994 file.

The Annual Final Basic Weight will be used in most analyses of the Access to Care data. The Annual Final Basic Weight (location 219-227) is the equivalent of the Annual Final Basic Weight found on the NHIS Person Record of the Basic Health and Demographic component of the survey (i.e., the Core questionnaire). A national estimate of all person-level variables can be made using this weight.

This weight will also be used in conjunction with Access to

Care data items in file locations 336-384.

Interim Basic Weights (before age-sex-race adjustment) are required by some software packages for variance estimation for surveys with complex sample designs. This weight is also included on the file (location 172-177).

There are a number of computer programs that yield variance estimates for data based on complex sample surveys. Some are based on replication approaches and others are based on Taylor linearization approaches. In addition to the Interim Basic Weight (which is the weight prior to poststratification), included on the Access file is the Full Sample Stratum Identifier (loc. 179-181), the Pseudo Primary Sampling Unit (PSU) Codes (loc. 187-189), and the Type of PSU (loc. 185) to permit the analyst the capability of using such variance estimation procedures. These variables and weights are necessary for directly calculating sampling variances.

6. Estimating annual numbers of events or conditions

- a. To reduce respondent error, the recall period for questions about some events is limited to two weeks. These events are: bed days and other restricted activity days, work loss and school loss days, and doctor visits. The two-week variables are found in locations 98-107 and 120-121. Estimates of the total number of occurrences of these events in the population can be derived as follows:

$$\begin{aligned} & \text{Number of events} \times 26 \text{ (number of two-week} \\ & \text{periods in a year)} \times \text{Final Basic Weight} \\ & = \text{Total number of events occurring in the} \\ & \text{population during the annual period,} \\ & \text{i.e. 1994.} \end{aligned}$$

Example: Number of bed days (Loc. 100-101) \times 26 \times Final Basic Weight (Loc. 219-227) = total number of bed days reported for the population in 1994.

- b. The recall period for acute incidence conditions is also two weeks and a national estimate of the total number of acute incidence conditions is calculated using the same procedures as for two-week events for the annual period.

$$\begin{aligned} & \text{Number of acute incidence conditions} \times 26 \times \text{Final} \\ & \text{Basic Weight} \end{aligned}$$

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$$= \text{Total number of acute incidence conditions occurring in the population during 1994.}$$

Note: An acute incidence condition is an acute condition with onset during the two weeks preceding the date of interview.

- c. The recall period for information on hospitalizations is 12 months. However, in calculating number of dis-

charges (Locations 132-133, 137-138), only discharges occurring in the past 6 months are counted. Therefore, the weighted estimates must be calculated as follows:

$$\begin{aligned} & \text{Number of discharges} \times 2 \times \text{Final Basic Weight} \\ & = \text{Total number of discharges occurring in the} \\ & \quad \text{population in 1994.} \end{aligned}$$

7. Calculation of rates for events and conditions:

The number of events or conditions estimated for the population, as described in item 6, above, can be used as the basis for calculating rates of occurrence of these events (or conditions) per person and per 100 persons for the total U.S. population and for various population sub-groups.

Note: Only rates can be estimated from these data. The percent of the population experiencing a particular type of event during the data year cannot be estimated. {The percent of the population experiencing the event in the reporting period (i.e., two weeks or 6 months) can be estimated but is generally not meaningful.}

8. Data on hospital episodes and days, based on a 12-month recall are in locations 122-131. The Final Basic Weight is used for calculating estimates of these events in the same way it is used for all other person-based variables. These variables do permit estimating the percent of the population in this annual period experiencing a hospital episode in the past year and the percent of that population having a specified number of hospital days.

9. Guidelines for Citation of Data

With the goal of mutual benefit, the National Center for Health Statistics (NCHS) requests that recipients of data files cooperate in certain actions related to their use.

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Any published material derived from the data should acknowledge NCHS as the original source. The suggested citation to appear at the bottom of all tables is as follows:

Source: National Center for Health Statistics (1994)

When cited in a bibliography, the suggested citation should read:

National Center for Health Statistics (1996). Data File Documentation, National Health Interview Survey of Access to Care, 1994 (machine readable data file and documentation), National Center for Health Statistics, Hyattsville, Maryland.

The published material should also include a disclaimer that credits any analyses, interpretations, or conclusions reached to the author (recipient of the data file) 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.

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AC-1

1994 NATIONAL HEALTH INTERVIEW SURVEY
 ACCESS TO CARE PUBLIC USE FILE
 Outline of Items and Codes
 Number of Records = 116,179

File Locations	Item No.	Frequency	Items and Codes
1-2	-	116,179	RECORD TYPE 70. Access to Care
3-4	-	116,179	PROCESSING YEAR 94. 1994
5	-	27,246 30,042 29,543 29,348	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	6,803 9,298 9,189 8,982 9,313 9,304 9,295 9,161 8,856 9,069 8,749 9,006 9,154	WEEK - CENSUS CODE* 01. Week 01 02. Week 02 03. Week 03 04. Week 04 05. Week 05 06. Week 06 07. Week 07 08. Week 08 09. Week 09 10. Week 10 11. Week 11 12. Week 12 13. Week 13

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

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File 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 some other record types).
19-20	HH-5		PROCESSING WEEK CODE (Numbered within Quarter)
		6,803	01. Week 01
		9,320	02. Week 02
		9,256	03. Week 03
		8,893	04. Week 04
		9,317	05. Week 05
		9,300	06. Week 06
		9,295	07. Week 07
		9,198	08. Week 08
		8,843	09. Week 09
		9,069	10. Week 10
		8,733	11. Week 11
		9,022	12. Week 12
		9,130	13. Week 13
21	Recode		LATE INTERVIEW (OR LAST ATTEMPT) FLAG
		66,857	0. Interview not late
		34,978	1. One week late
		11,651	2. Two weeks late
		2,693	3. Unknown

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1994 NHIS ACCESS TO CARE PUBLIC USE FILE

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

2,439	00.	Housing unit; kind unknown
107,174	01.	House, apartment, flat
53	02.	HU in nontransient hotel, motel, etc.
45	03.	HU-permanent in transient hotel, motel, etc.
37	04.	HU in rooming house
5,027	05.	Mobile home or trailer with no permanent room added
672	06.	Mobile home or trailer with one or more permanent rooms added
84	07.	HU not specified above
		Other Unit = (08-13)
3	08.	Quarters not HU in rooming or boarding house
0	09.	Unit not permanent in transient hotel, motel, etc.
16	10.	Unoccupied site for mobile home, trailer, or tent
459	11.	Student quarters in college dormitory
126	12.	Other unit not specified above
14	13.	Other unit; kind unknown

24	HH-11a		HAS TELEPHONE
		104,802	1. Yes, phone number given
		4,739	2. Yes, no phone number given
		5,522	3. No
		1,116	4. Unknown

25	A-1		SEX
		55,364	1. Male
		60,815	2. Female

26	-	-	BLANK
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1 AC-4

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
27-28	Person Column		AGE
		1,660	00. Under 1 year
		114,509	01-98. Number of years
		10	99. 99+ years of age

29	Recode		AGE RECODE #1
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9,279	1. Under 5 years
23,181	2. 5-17 years
10,068	3. 18-24 years
35,899	4. 25-44 years
23,181	5. 45-64 years
4,546	6. 65-69 years
4,066	7. 70-74 years
5,959	8. 75 years and over

30	Recode	AGE RECODE #2
		1. Under 6 years
		2. 6-16 years
		3. 17-24 years
		4. 25-34 years
		5. 35-44 years
		6. 45-54 years
		7. 55-64 years
		8. 65-74 years
		9. 75 years and over

31-32	Recode	AGE RECODE #3
		00-35. Months
		36. Over 3 years

33 - - BLANK

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1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
34-39	A-3		MONTH AND YEAR OF BIRTH
34-35		-	MONTH
			01. January 07. July
			02. February 08. August
			03. March 09. September
			04. April 10. October
			05. May 11. November
			06. June 12. December
			99. Unknown
36-39			YEAR OF BIRTH
		73	1800-1899. 1800-1899
		116,061	1900-1995. 1900-1995
		45	9999. Unknown

40	Recode	HISPANIC ORIGIN IMPUTED FLAG
		0. Hispanic Origin Known

1,792 1. Hispanic Origin Imputed from Reference Person

41-42 L-4 MAIN RACIAL BACKGROUND*
(See notation for locations 43-45)

89,574	01. White
16,462	02. Black
1,128	03. Indian (American)
17	04. Eskimo
15	05. Aleut
842	06. Chinese
840	07. Filipino
45	08. Hawaiian
377	09. Korean
400	10. Vietnamese
393	11. Japanese
482	12. Asian Indian
6	13. Samoan
9	14. Guamanian
425	15. Other API
2,605	16. Other race
288	17. Multiple race
2,271	99. Unknown

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

1 AC-6

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
43-45	Recode		RACE RECODES
43			RECODE 1* Persons whose Main Racial Background (location 41-42) was "other" or "unknown" were classified in the following recodes by using the racial background observed by the interviewer. Use of these recodes is recommended for estimating statistics for the groups shown here.
		94,503	1. White
		16,541	2. Black
		5,135	3. Other
44			RECODE 2
		94,503	1. White
		21,676	2. Non-white
45			RECODE 3
		16,541	1. Black
		99,638	2. Non-black

46-47 L-3 HISPANIC ORIGIN**

71 00. Multiple Hispanic

1,372	01. Puerto Rican
574	02. Cuban
2,746	03. Mexican-Mexicano
3,977	04. Mexican-American
119	05. Chicano
1,241	06. Other Latin American
1,183	07. Other Spanish
428	08. Spanish, DK type
1,241	09. Unknown if Spanish origin
103,227	10. Not Spanish origin

48	L-7		MARITAL STATUS
		25,865	0. Under 14 years
		52,679	1. Married - spouse in household
		867	2. Married - spouse not in household
		6,168	3. Widowed
		6,536	4. Divorced
		1,775	5. Separated
		21,392	6. Never married
		897	7. Unknown

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

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

1 AC-7

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
49	L-1		VETERAN STATUS
		69,630	1. Non-veteran
		31	2. WW I
		3,045	3. WW II
		1,866	4. Korean War
		3,487	5. Vietnam veteran
		1,379	6. Post-Vietnam
		2,120	7. Other service
		344	8. Served in Armed Forces, unknown if war veteran
		1,817	9. Unknown if served in Armed Forces
		32,460	Blank. Under 18 years of age

50	L-1		ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES
		69,630	0. Non-veteran
		1,021	1. All service in Guard/Reserve
		1,833	2. Some service in Guard/Reserve
		41	3. Unknown if all service in

8,411	Guard/Reserve
	4. No active service in Guard/Reserve
2,783	5. Unknown if ever active member in Guard/Reserve or served in Armed Forces
32,460	Blank. Under 18 years of age

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

4,551	00. Never attended; kindergarten only
34,758	01-11. Grades 1-11
30,831	12. Grade 12
	College:
6,522	13. 1 year
8,196	14. 2 years
3,119	15. 3 years
9,860	16. 4 years
2,252	17. 5 years
5,018	18. 6 years or more
1,793	19. Unknown
9,279	Blank. Under 5 years of age

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1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File
Locations Item No. Frequency Items and Codes

53	Recode		EDUCATION OF INDIVIDUAL RECODE
		4,551	0. None; kindergarten only
		21,067	1. 1-8 years (elementary)
		13,691	2. 9-11 years (high school)
		30,831	3. 12 years (high school graduate)
		17,837	4. 1-3 years (college)
		9,860	5. 4 years (college graduate)
		7,270	6. 5+ years (post-college)
		1,793	7. Unknown
		9,279	Blank. Under 5 years of age

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

166	00. Never attended; kindergarten only
14,693	01-11. Grades 1-11
38,833	12. Grade 12
	College:
9,302	13. 1 year
13,561	14. 2 years
5,098	15. 3 years
17,642	16. 4 years
4,293	17. 5 years
11,274	18. 6 years or more

1,317 19. Unknown

56	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER - Recode
		166	0. None; kindergarten only
		5,110	1. 1-8 years (elementary)
		9,583	2. 9-11 years (high school)
		38,833	3. 12 years (high school graduate)
		27,961	4. 1-3 years (college)
		17,642	5. 4 years (college graduate)
		15,567	6. 5+ years (post-college)
		1,317	7. Unknown

57	L-8		FAMILY INCOME \$20,000 OR MORE
		34,354	1. Less than \$20,000
		77,457	2. \$20,000 or more
		4,368	3. Unknown

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1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
58-59	L-8		FAMILY INCOME
		577	00. Less than \$1,000
		696	01. \$ 1,000 - \$ 1,999
		715	02. 2,000 - 2,999
		759	03. 3,000 - 3,999
		916	04. 4,000 - 4,999
		1,311	05. 5,000 - 5,999
		1,311	06. 6,000 - 6,999
		1,548	07. 7,000 - 7,999
		1,399	08. 8,000 - 8,999
		1,671	09. 9,000 - 9,999
		2,083	10. 10,000 - 10,999
		1,185	11. 11,000 - 11,999
		2,141	12. 12,000 - 12,999
		1,367	13. 13,000 - 13,999
		1,439	14. 14,000 - 14,999
		1,917	15. 15,000 - 15,999
		1,346	16. 16,000 - 16,999
		1,428	17. 17,000 - 17,999
		1,807	18. 18,000 - 18,999
		2,301	19. 19,000 - 19,999
		8,804	20. 20,000 - 24,999
		7,413	21. 25,000 - 29,999
		7,866	22. 30,000 - 34,999
		6,446	23. 35,000 - 39,999
		6,412	24. 40,000 - 44,999
		5,533	25. 45,000 - 49,999
		25,766	26. \$50,000 and over
		20,022	27. Unknown

60	Recode		FAMILY INCOME RECODE
		3,663	0. Under \$5,000
		2,622	1. \$ 5,000 - \$ 6,999
		4,618	2. 7,000 - 9,999
		8,215	3. 10,000 - 14,999
		8,799	4. 15,000 - 19,999
		8,804	5. 20,000 - 24,999
		15,279	6. 25,000 - 34,999
		18,391	7. 35,000 - 49,999
		25,766	8. \$50,000 or more
		20,022	9. Unknown

1 AC-10

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
61	Generated		NHIS POVERTY INDEX*
		90,614	1. At or above poverty threshold
		14,620	2. Below poverty threshold
		10,945	3. Unknown
62-63			FAMILY RELATIONSHIP
62	A-2		TYPE OF FAMILY
		12,495	&. Primary individual
		1,305	-. Secondary individual
		102,199	0. Primary family
		180	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		11,893	&. Reference person, living alone
		34,575	0. Reference person, 2+ persons in household
		25,740	1. Spouse, other spouse NOT in Armed Forces and living at home
		264	2. Spouse, other spouse IN Armed Forces and living at home
		37,689	3. Child of reference person or spouse
		2,312	4. Grandchild of reference person or spouse
		1,042	5. Parent of reference person or spouse
		2,628	6. Other relative
		36	7. Child of ineligible reference person
		0	9. Unknown

64	Recode		FAMILY RELATIONSHIP RECODE
		11,893	1. Living alone

1,907	2. Living only with non-relative
52,651	3. Living with spouse
49,728	4. Living with relative - other

65-66	Generated	-	SIZE OF FAMILY**
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Unrelated individuals are coded 01

*Based on family size, number of children under 18 years of age and family income using the 1993 poverty levels derived from the August, 1994 Current Population Survey.

**Count includes spouse in military but living at home.

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1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
67	Generated		SIZE OF FAMILY RECODE
		115,096	1-8. Number of members
		1,083	9. 9+ members
68	A-2		PARENT/OTHER ADULT RELATIVE (under 25 years old and never married)
		24,375	1. Both parents, no other relative
		6,471	2. Mother only
		646	3. Father only
		2,541	4. Both parents and other 21+ year old adult relative
		2,045	5. Mother and other 21+ year old adult relative
		206	6. Father and other 21+ year old adult relative
		491	7. No parent, but one 21+ year old adult relative
		776	8. No parent, but two or more 21+ year old adult relatives
		327	9. Unknown
		1,771	0. Other
		76,530	Blank. Not applicable (25+ years old or ever married)
69	B-1 B-8		MAJOR ACTIVITY (18+ years old)
		50,991	1. Working
		14,518	2. Keeping house
		4,866	3. Going to school
		12,674	4. Something else
		670	5. Unknown
		32,460	Blank. Not applicable (Under 18 years)

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G-4

HEALTH STATUS

43,095	1. Excellent
32,622	2. Very Good
27,281	3. Good
8,743	4. Fair
3,486	5. Poor
952	6. Unknown

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AC-12

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
71	Recode		ACTIVITY LIMITATION STATUS - (all ages)*
		5,553	1. Unable to perform major activity
		6,811	2. Limited in kind/amount major activity
		5,599	3. Limited in other activities
		98,216	4. Not limited (includes unknowns)
72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		5,294	1. Unable to work
		3,667	2. Limited in kind/amount of work
		2,849	3. Limited in other activities
		61,884	4. Not limited (includes unknowns)
		42,485	Blank. Not applicable (under 18 years, 70+ years)
73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		177	1. Unable to attend school
		860	2. Attends special school/classes
		125	3. Needs special school/classes
		257	4. Limited in school attendance
		515	5. Limited in other activities
		21,247	6. Not limited (includes unknowns)
		92,998	Blank. Not applicable (under 5 years or 18+ years)
74	B-14		NEEDS HELP WITH PERSONAL CARE (5-59 years old and limited, or age 60-69 years)**
		742	1. Unable to perform personal care needs
		1,558	2. Limited in performing other routine needs
		16,928	3. Not limited in performing personal or routine needs
		583	4. Unknown
		96,368	Blank. Not applicable (under 5 years; 5-59 years not limited; 70+ years)

old)

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

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

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1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
75	D-1		EMPLOYMENT STATUS IN PAST 2 WEEKS (18+ years)
			In the Labor Force: (1-7)
			Currently employed: (1-3)
		52,280	1. Worked in past 2 weeks
		981	2. Did not work, has job; not on lay-off and not looking for work
		33	3. Did not work, has job; looking for work
			Unemployed: (4-7)
		147	4. Did not work, has job; on lay-off
		11	5. Did not work, has job; on lay-off and looking for work
		426	6. Did not work, has job; unknown if looking or on lay-off
		1,893	7. Did not work, has no job; looking for work or on lay-off
			Not in Labor Force (18+ years): (8)
		27,948	8. Not in Labor Force (18+ years)
		32,460	Blank. Not applicable (Under 18 years old)
76	L-6		CLASS OF WORKER
		27,948	0. Not in labor force
		39,183	1. Private company
		1,481	2. Federal Government employee
		2,402	3. State Government employee
		4,436	4. Local Government employee
		1,500	5. Incorporated business
		5,073	6. Self-employed
		87	7. Without pay
		92	8. Never worked
		1,517	9. Unknown
		32,460	Blank. Under 18
77-79	L-6		INDUSTRY DETAIL CODE

55,771 010-998. Code number
 60,408 Blank. Not applicable

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AC-14

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
80-81	Recode	-	INDUSTRY RECODE 1 SEE APPENDIX B
82-83	Recode	-	INDUSTRY RECODE 2 SEE APPENDIX B
84-86	L-6	55,771 60,408	OCCUPATION DETAIL CODE 001-998. Code number Blank. Not applicable
87-88	Recode	-	OCCUPATION RECODE 1 SEE APPENDIX C
89-90	Recode	-	OCCUPATION RECODE 2 SEE APPENDIX C
91	L-R	52,387 6,174 56,535 1,083	RESPONDENT FOR NHIS CORE 1. Self-entirely 2. Self-partly 3. Proxy 4. Unknown
92	Recode	19,206 19,146 19,462 19,088 19,296 19,081 900	CONDITION LIST ASSIGNED AND ASKED 1. Condition List 1, Skin and musculoskeletal 2. Condition List 2, Impairments 3. Condition List 3, Digestive 4. Condition List 4, Miscellaneous 5. Condition List 5, Circulatory 6. Condition List 6, Respiratory 7. Unknown

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AC-15

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
93-94	G-5		HEIGHT WITHOUT SHOES (18+ years)
		82,688	36-98. Number of inches
		1,031	99. Unknown
		32,460	Blank. Under 18 years of age
95-97	G-5		WEIGHT WITHOUT SHOES (18+ years)
		81,449	050-500. Number of pounds
		2,270	501. Unknown
		32,460	Blank. Under 18 years of age
98-99	Recode		TOTAL RESTRICTED ACTIVITY DAYS IN PAST TWO WEEKS
		103,756	00. None
		12,423	01-14. Days
100-101	D-4		BED DAYS IN PAST TWO WEEKS
		109,180	00. None
		6,999	01-14. Days
102-103	D-2		WORK-LOSS DAYS IN PAST TWO WEEKS (control on Currently Employed, 75:1-3)
		113,108	00. None
		3,071	01-14. Days
104-105	D-3		SCHOOL-LOSS DAYS IN PAST TWO WEEKS
		114,377	00. None
		1,802	01-14. Days
106-107	D-6		OTHER DAYS OF RESTRICTED ACTIVITY IN PAST TWO WEEKS
		109,955	00. None
		6,224	01-14. Days

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AC-16

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
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108-110	G-2		BED DAYS IN PAST 12 MONTHS
		63,730	000. None
		51,163	001-365. 1-365 days
		1,286	366. Unknown

111	Recode		BED DAYS IN PAST 12 MONTHS - Recode
		63,730	0. None
		39,757	1. 1-7 days
		8,285	2. 8-30 days
		2,453	3. 31-180 days
		668	4. 181-365 days
		1,286	5. Unknown

112-114	G-3		DOCTOR VISITS IN PAST 12 MONTHS
		26,629	000. None
		88,948	001-996. Visits
		0	997. 997+visits
		602	998. Unknown

115	G-3		INTERVAL SINCE LAST DOCTOR VISIT
		210	0. Never
		90,168	1. Less than 1 year
		10,611	2. 1 to less than 2 years
		9,024	3. 2 to less than 5 years
		3,697	4. 5 years or more
		2,469	5. Unknown

116-117	Generated	-	NUMBER OF CONDITIONS
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118-119	Generated	-	NUMBER OF ACUTE INCIDENCE CONDITIONS
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120-121	Generated	-	NUMBER OF TWO-WEEK DOCTOR VISITS
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122-123	Generated	-	NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS
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1 AC-17

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
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124-126	Generated	-	SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS
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127-128	Generated	-	NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS EXCLUDING DELIVERY*
129-131	Generated	-	SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS EXCLUDING DELIVERY*
132-133	Generated	-	NUMBER OF SHORT-STAY HOSPITAL DISCHARGES IN PAST 6 MONTHS
134-136	Generated	-	NUMBER OF DAYS IN SHORT-STAY HOSPITAL IN PAST 12 MONTHS FOR DISCHARGES IN PAST 6 MONTHS
137-138	Generated	-	NUMBER OF SHORT-STAY HOSPITAL DISCHARGES IN PAST 6 MONTHS EXCLUDING DELIVERY*
139-141	Generated	-	NUMBER OF DAYS IN SHORT-STAY HOSPITAL IN PAST 12 MONTHS FOR DISCHARGES IN PAST 6 MONTHS EXCLUDING DELIVERY*

*Based on operation codes and reason entered hospital.

1 AC-18

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
142-143	-	-	BLANK
144	L-9b		YEARS LIVED IN STATE OF PRESENT RESIDENCE
		3,139	1. Less than 1 year
		11,270	2. 1 yr., less than 5 years
		11,689	3. 5 yrs., less than 10 yrs.
		10,089	4. 10 yrs., less than 15 yrs.
		64,434	5. 15 years or more
		4,549	9. Unknown
		11,009	Blank. Not applicable (Foreign born)
145	L-9c		YEARS LIVED IN UNITED STATES
		418	1. Less than 1 year
		1,801	2. 1 yr., less than 5 years
		1,960	3. 5 yrs., less than 10 yrs.
		1,744	4. 10 yrs., less than 15 yrs.
		4,853	5. 15 years or more
		233	9. Unknown

105,170 Blank. Not applicable (U.S. born)

146-171	-	-	BLANK
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172-177	-	-	QUARTER BASIC WEIGHT BEFORE AGE-SEX-RACE ADJUSTMENT (Has one implied decimal)
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*Based on operation codes and reason entered hospital.

1 AC-19

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
178	Master Record		TYPE OF SUBSTRATUM
		19,315	0. Permit
		10,463	1. Area, oversampled for blacks
		86,401	2. Area, not oversampled for blacks
179-181	-	-	FULL SAMPLE STRATUM IDENTIFIER
182	Master Record		REGION
		23,228	1. Northeast
		29,149	2. Midwest
		38,048	3. South
		25,754	4. West
183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		50,349	1. 1,000,000 or more
		30,389	2. 250,000 - 999,999
		7,542	3. 100,000 - 249,999
		1,770	4. Under 100,000
		26,129	Blank. Non-MSA
184		-	BLANK
185	Master Record		TYPE OF PSU
		64,145	1. MSA - Self-representing
		25,905	3. MSA - Nonself-representing
		19	4. Non-MSA - Self-representing
		26,110	6. Non-MSA - Nonself-representing
186	Recode		MSA - NON-MSA RESIDENCE

36,815	1. MSA - Central City
53,235	2. MSA - Not Central City
24,693	3. Non-MSA - Nonfarm
1,436	4. Non-MSA - Farm

187-189	-	-	PSEUDO PSU CODES
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1 AC-20

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and 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
			ESTIMATED BED DAYS IN PAST 2 WEEKS
246-254	-	-	QUARTER, SEMI-ANNUAL AND ANNUAL
			ESTIMATED WORK-LOSS DAYS IN PAST 2 WEEKS
255-263	-	-	QUARTER, SEMI-ANNUAL AND ANNUAL
			ESTIMATED SCHOOL-LOSS DAYS IN PAST 2 WEEKS
264-272	-	-	QUARTER, SEMI-ANNUAL AND ANNUAL

1 AC-21

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
			ESTIMATED DOCTOR VISITS IN PAST 12 MONTHS
273-281	-	-	QUARTER
282-290	-	-	SEMI-ANNUAL
291-299	-	-	ANNUAL

			ESTIMATED SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS
300-308	-	-	QUARTER
309-317	-	-	SEMI-ANNUAL
318-326	-	-	ANNUAL
327-335	-	-	ANNUAL ESTIMATED NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS

1 AC-22

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
336	1a		IS THERE USUAL PERSON/PLACE FOR MEDICAL CARE
		91,215	1. Yes
		13,235	2. No
		279	3. More than one
		11,153	8. Not ascertained
		297	9. DK or refused
337	1b		ONE PLACE MOST OFTEN (Has more than one usual person or place Q1a = 3)
		179	1. Yes
		79	2. No
		19	8. Not ascertained
		2	9. DK or refused
		115,900	Blank. NA
338-339	2		MAIN REASON NO USUAL SOURCE

569	01.	Two or more usual doctors/places
6,625	02.	Doesn't need doctor
435	03.	Doesn't like/trust/believe in doctors
306	04.	Doesn't know where to go
1,177	05.	Previous doctor not available/moved
2,725	06.	No insurance/can't afford it
18	07.	Speaks different language
58	08.	No care available/not convenient
852	09.	Other reason
453	98.	Not ascertained
117	99.	DK or refused
102,844	Blank.	NA - Don't know/Has one usual source of care

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AC-23

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
340	3		ONE PLACE MOST OFTEN (Q1a = 2 and Q2 = 01)
		197	1. Yes
		178	2. No
		115	8. Not ascertained
		8	9. DK or refused
		115,681	Blank. NA
341	4a		GO ANY PLACE IN PAST 12 MONTHS FOR MEDICAL CARE
		4,560	1. Yes
		7,673	2. No
		11,815	8. Not ascertained
		168	9. DK or refused
		91,963	Blank. NA - Has a usual source of care
342	Recode		REGULAR SOURCE OF MEDICAL CARE
		91,215	1. Single Regular source
		376	2. Multiple regular sources, but sees one most often
		401	3. Multiple regular sources, but no one source seen most often
		4,426	4. No current regular source but had a regular source

7,548	5.	sometime in the past year No current regular source of care and none in past year
763	6.	No current regular source and unknown if any in past year
11,153	8.	Not ascertained
297	9.	DK or refused

1 AC-24

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
343-344	4b		KIND OF PLACE (Does not have a usual source of care, but did go to a place for medical care sometime in the past 12 months Q4a = 1)
		2,676	01. Doctor's office/ private clinic
		140	02. Company or school clinic/center
		189	03. Community/Migrant/ rural clinic
		386	04. County/city/public/ county hospital outpatient clinic
		212	05. Private/other hospital outpatient clinic
		455	06. Hospital emergency room
		103	07. HMO/Prepaid group
		8	08. Psychiatric hospital/ clinic
		29	09. VA hospital/clinic
		63	10. Military health care facility
		192	11. Some other place
		74	98. Not ascertained
		33	99. DK or refused
		111,619	Blank. NA

1 AC-25

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
345	4c		WOULD STILL GO TO PLACE (Does not have a usual source of

care, but did go
to a place for medical
care sometime in the
past 12 months Q4a = 1)

2,426	1. Yes
1,739	2. No
52	8. Not ascertained
343	9. DK or refused
111,619	Blank. NA

346-347 4d

MAIN REASON WOULD NOT USE
PLACE NOW (Does not have
a usual source of care, but
did go to a place for medical
care sometime in the past 12
months and would not use this
place now Q4c = 2)

692	01. Changed residence
41	02. Changed Jobs
56	03. Employer changed insurance coverage
49	04. Former source left area
12	05. Owed money to former source
118	06. Dissatisfied with former source/like new source better
236	07. Medical care needs changed
31	08. Former source stopped taking insurance
481	09. Some other reason
14	98. Not ascertained
9	99. DK or refused
114,440	Blank. NA

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AC-26

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
348-349	5a		KIND OF PLACE
		75,010	01. Doctor's office/ private clinic
		808	02. Company or school clinic/center
		1,743	03. Community/migrant/ rural clinic/center
		3,096	04. County/city/public/ county hospital outpatient clinic

2,156	05.	Private/other hospital outpatient clinic
725	06.	Hospital emergency room
5,325	07.	HMO/prepaid group
20	08.	Psychiatric hospital/clinic
486	09.	VA hospital/clinic
978	10.	Military health care facility
681	11.	Some other place
491	98.	Not ascertained
72	99.	DK or refused
24,588	Blank.	NA - Does not have/DK if have a usual source of care

1

AC-27

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
350	5b		IS THERE PARTICULAR PERSON USUALLY SEEN
		77,077	1. Yes
		11,675	2. No
		2,481	8. Not ascertained
		358	9. DK or refused
		24,588	Blank. NA - Does not have/DK if have a usual source of care
351	6a		TYPE OF HEALTH PROFESSIONAL (Usually sees a particular person when goes to usual source of care Q5b = 1)
		75,486	1. Doctor
		158	2. Nurse
		285	3. Nurse practitioner
		237	4. Physician's assistant
		127	5. Chiropractor
		160	6. Some other professional
		606	8. Not ascertained
		18	9. DK or refused
		39,102	Blank. NA
352	6b		TYPE OF DOCTOR (Usually sees a particular doctor when goes to usual source of care Q6a = 1)
		68,904	1. Family doctor/GP/

	2,127	internist pediatrician
		2. Obstetrician/ gynecologist
	3,743	3. Other specialist
	415	8. Not ascertained
	297	9. DK or refused
	40,693	Blank. NA

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AC-28

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
353	7		LAST TIME WENT TO USUAL PLACE (Under 18 years of age and has a usual place for medical care)
		36,010	1. Less than 3 months ago
		18,046	2. At least 3 months, less than 6 months ago
		16,418	3. At least 6 months, less than 1 year ago
		11,134	4. At least 1 year, less than 2 years ago
		8,055	5. Two or more years ago
		631	8. Not ascertained
		1,297	9. DK or refused
		24,588	Blank. NA
(354-358)	8a-e		SATISFIED LAST VISIT Under 18 years of age and went to usual place of medical care less than 3 months ago
354	8a		WAITING TIME TO GET APPOINTMENT
		9,276	1. Yes
		620	2. No
		275	8. Not ascertained
		89	9. DK or refused
		105,919	Blank. NA
355	8b		WAITING TIME TO SEE DOCTOR
		8,783	1. Yes
		1,117	2. No
		14	3. Doesn't apply
		255	8. Not ascertained
		91	9. DK or refused
		105,919	Blank. NA

356	8c		WAY QUESTIONS WERE ANSWERED
		9,526	1. Yes
		360	2. No
		251	8. Not ascertained
		123	9. DK or refused
1		105,919	Blank. NA

AC-29

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
(354-358)	8a-e		SATISFIED LAST VISIT Under 18 years of age and went to usual place of medical care less than 3 months ago - Continued
357	8d		ABILITY TO GET ALL CARE NEEDED
		9,576	1. Yes
		345	2. No
		255	8. Not ascertained
		84	9. DK or refused
		105,919	Blank. NA
358	8e		OVERALL CARE RECEIVED
		9,618	1. Yes
		286	2. No
		278	8. Not ascertained
		78	9. DK or refused
		105,919	Blank. NA
359	9		SAME PLACE FOR ROUTINE CARE (Under 18 years of age and has a usual source of medical care)
		25,410	1. Yes
		506	2. No
		1,098	8. Not ascertained
		126	9. DK or refused
		89,039	Blank. NA

1 AC-30

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
(360-363)	10a-d		ABILITY AT ROUTINE CARE PLACE

360	10a		PROVIDE FOR MOST NEEDS WHEN SICK (Under 18 years of age and has a usual source of medical care, mentioned in Q5a)
		25,070	1. Yes
		196	2. No
		56	8. Not ascertained
		88	9. DK or refused
		90,769	Blank. NA
361	10b		MAKE REFERRALS WHEN NEEDED (Under 18 years of age and has a usual source of medical care, mentioned in Q5a)
		24,549	1. Yes
		171	2. No
		73	8. Not ascertained
		617	9. DK or refused
		90,769	Blank. NA
362	10c		CARE ON EVENINGS OR WEEKENDS WHEN SICK (Under 18 years of age and has a usual source of medical care, mentioned in Q5a)
		22,336	1. Yes
		1,806	2. No
		69	8. Not ascertained
		1,199	9. DK or refused
		90,769	Blank. NA

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AC-31

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
(360-363)	10a-d		ABILITY AT ROUTINE CARE PLACE - Continued
363	10d		PROVIDE ADVICE ABOUT FAMILY CONCERNS (Under 18 years of age and has a usual source of medical care, mentioned in Q5a)
		21,099	1. Yes
		844	2. No
		72	8. Not ascertained
		3,395	9. DK or refused
		90,769	Blank. NA
364	11		HAS USUAL PERSON/PLACE FOR ROUTINE/PREVENTIVE CARE

367	1.	Yes
124	2.	No
4,542	3.	No usual source of care when sick AND has not seen doctor in past 12 months
741	4.	No usual source of care when sick BUT has seen a doctor in past 12 months
25,410	5.	Yes, has a usual source of care which is also the usual source of routine preventive care
1,271	8.	Not ascertained
5	9.	Unknown
83,719	Blank.	NA - 18+ years of age

365	12	NUMBER TIMES SEE ANY DOCTOR PAST 3 MONTHS
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48,711	0.	None
34,633	1.	Once or twice
9,293	2.	3-9 times
1,736	3.	10 times or more
19,656	4.	No usual source AND didn't/DK go to a place for medical care in past 12 months
1,592	8.	Not ascertained
558	9.	DK or refused

1 AC-32

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
366	Recode		HAS USUAL PLACE FOR ROUTINE PREVENTIVE CARE
		25,410	0. Yes, has place for routine/preventive care which also is usual source of medical care when sick
		324	1. Yes, has a place for routine/preventive care, but it is not usual source of medical care when sick
		107	2. No place for routine/preventive care, but has usual source of care when sick
		19	3. Yes, has a place for routine/preventive care, but has two more usual sources of care when sick
		12	4. No place for routine/preventive care, but has two or more usual

4,542	5. No usual source of medical care
2,012	8. Not ascertained
34	9. Unknown if has place for routine/ preventive care, but has usual source of medical care when sick (may have two or more sources)
83,719	Blank. NA - 18+ years of age

367	13b	CHANGED PLACE FOR ROUTINE CARE
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8,019	1. Yes
96,673	2. No
11,386	8. Not ascertained
101	9. DK or refused

1 AC-33

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
368-369	13d		MAIN REASON FOR CHANGE LAST TIME
		2,490	01. Changed residence
		283	02. Changed jobs
		1,016	03. Employer changed insurance coverage
		443	04. Former source left area
		29	05. Owed money to former source
		1,342	06. Dissatisfied with former source/like new source better
		512	07. Medical care needs changed
		212	08. Former source stopped taking insurance
		1,562	09. Some other reason
		123	98. Not ascertained
		7	99. DK or refused
		108,160	Blank. NA - Did not/DK change usual place of medical care in past 12 months

370	14b	NEEDED CARE BUT NOT ABLE TO GET IT
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2,657	1. Yes
102,272	2. No
11,096	8. Not ascertained
154	9. DK or refused

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
371-372	14d		MAIN REASON DIDN'T GET CARE
		1,236	01. Could not afford it
		405	02. No insurance
		50	03. Doctor did not accept Medicaid/ insurance plan
		79	04. Insurance didn't cover
		38	05. Not serious enough
		52	06. Wait too long in clinic/office
		202	07. Difficulty getting an appointment
		23	08. Doesn't like/trust/ believe in doctors
		70	09. No doctor available
		21	10. Didn't know where to go
		41	11. No way to get there
		12	12. Hours not convenient
		2	13. Speak a different language
		2	14. Health of another family member interfered
		17	15. Clinic/office not accessible
		270	16. Other reason
		129	98. Not ascertained
		8	99. DK or refused
		113,522	Blank. NA - Obtained medical care when needed during the past 12 months
373	14e		LACK OF INSURANCE OR MONEY A REASON
		218	1. Yes
		511	2. No
		153	8. Not ascertained
		5	9. DK or refused
		115,292	Blank. NA - Obtained medical care when needed, during the past 12 months OR already mentioned that money or lack of insurance was reason

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
374	15b		DELAYED SEEKING MEDICAL CARE BECAUSE OF COST
		8,641	1. Yes
		96,347	2. No
		11,063	8. Not ascertained
		128	9. DK or refused
375	16b		NEEDED DENTAL CARE BUT COULD NOT GET IT
		8,088	1. Yes
		96,880	2. No
		11,074	8. Not ascertained
		137	9. DK or refused
376	17b		NEEDED PRESCRIPTION MEDICINES BUT COULD NOT GET THEM
		2,483	1. Yes
		102,546	2. No
		10,983	8. Not ascertained
		167	9. DK or refused
377	18b		NEEDED EYEGLASSES BUT COULD NOT GET THEM
		3,328	1. Yes
		101,374	2. No
		11,352	8. Not ascertained
		125	9. DK or refused
378	19b		NEEDED MENTAL HEALTH CARE BUT COULD NOT GET IT
		495	1. Yes
		104,499	2. No
		11,032	8. Not ascertained
		153	9. DK or refused

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AC-36

1994 NHIS ACCESS TO CARE PUBLIC USE FILE

File Locations	Item No.	Frequency	Items and Codes
379-380	-	-	BLANK

381-382	AC7		CHECK ITEM (REFERENCE PERSON ONLY) PERSON WHO ANSWERED MOST QUESTIONS
		1,221	00. Respondent not ascertained
		103,989	01-28. Person number
		0	30-97. Person number
		211	98. Active duty military
		28	99. Non household member
		10,730	Blank. NA - Dummy record

383	Recode		RESPONDENT STATUS RECODE
		42,159	1. Self
		62,091	2. Proxy
		1,199	9. Unknown Respondent
		10,730	Blank. NA - Dummy record

384	-	-	DUMMY RECORD FLAG
		10,730	1. Dummy record
		105,449	Blank. Not a dummy record

385-400	-	-	BLANK
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APPENDIX A

There is no Appendix A for this document.

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Revised in 1992

APPENDIX B

INDUSTRY RECODES OUTLINE

Recodes

No. 1 No. 2

Chrs. 80-81	Chrs. 82-83	Detail Code (Chrs. 77-79)	Industry Title	SIC Code*
01	01	010-012,020,030	AGRICULTURE	01-02,071-072, 074-076,078
02	01	031-032	FORESTRY AND FISHERIES	08-09
10	02	040-042,050	MINING	10,12-14
20	03	060	CONSTRUCTION	15-17
(30-34, 40-46)	(04)	-	MANUFACTURING:	
(30-34)			NONDURABLE GOODS	
30	04	100-102,110-112, 120-122	Food and kindred products	201-209
31	04	132,140-142, 150-152	Textile mill and finished textile products	221-229,231-239
32	04	171-172	Printing, publishing and allied industries	271-279
33	04	180-182,190-192	Chemicals and allied products	281-287,289
34	04	130,160-162, 200-201,210-212, 306, 220-222	Other nondurable goods	21,261-263,265,267, 291,295,299,301- 308,311,313-317,319

*Standard Industrial Classification

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APPENDIX B

INDUSTRY RECODES OUTLINE

Recodes				

No. 1 Chrs. 80-81	No. 2 Chrs. 82-83	Detail Code (Chrs. 77-79)	Industry Title	SIC Code*
(30-34, 40-46)	(04)	-	MANUFACTURING: - continued	

(40-46)			DURABLE GOODS	
40	04	230-232,241-242	Furniture, lumber and wood	241-245,249,25
41	04	270-272,280	Primary metal industries	331-332,334,3331,
3334,3339,3351,3353-				3357,3363-
3366,3369,				339
42	04	281-282,290-292,300	Fabricated metal industries, including ordnance	341-349
43	04	310-312,320-322,331-332	Machinery, except electrical	351-359
44	04	340-342,350	Electrical machinery, equipment and supplies	361-367,369
45	04	351-352,360-362,370	Transportation equipment	371-376,379
46	04	250-252,261-262,301,371-372,380-381,390-392	Other and not specified durable goods	321-329,381-382,384-387,39

(50-54) (05)			-	TRANSPORTATION, COMMUNICATIONS AND OTHER PUBLIC UTILITIES
50	05	400	Railroads	40
51	05	410-411	Trucking service and warehousing	421-423
52	05	401-402,412,420-422,432	Other transportation	41,43-47
53	05	440-442	Communications	481-484,489
54	05	450-452,470-472	Utilities and sanitary	491-497

*Standard Industrial Classification

1 APPENDIX B

INDUSTRY RECODES OUTLINE

Recodes				

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

60	06	500-502,510-512, 521,530-532, 540-542,550-552, 560-562,571	WHOLESALE TRADE	501-509,511-519
<hr/>				
(61-65)	(07)	-	RETAIL TRADE	
61	07	591-592,600	General merchandise stores	531,533,539
62	07	601-602,610-611	Food, bakery and dairy stores	541-546,549
63	07	612,620-622	Automotive dealers and gasoline stations	551-557,559
64	07	641	Eating and drinking places	58
65	07	580-582,590,623, 630-633,640,642, 650-652,660-663, 670-672,681-682, 691	Other and not specified retail trade	521,523,525- 571-572,5731, 5734-5736,591-594, 5961-5963,598, 5992-5995,5999
527,56,				
<hr/>				
(70-71)	(08)	-	FINANCE, INSURANCE, AND REAL ESTATE	
70	08	700-702	Banking and credit agencies	60-61
71	08	710-712	Insurance, real estate, and other finance	62-65,67
<hr/>				
*Standard Industrial Classification				
1	INDUSTRY RECODES OUTLINE			APPENDIX B

Recodes				
No. 1	No. 2	Detail Code (Chrs. 77-79)	Industry Title	SIC Code*
Chrs. 80-81	Chrs. 82-83			
<hr/>				
(75-85)	(09-12)	-	SERVICES:	
(75-76)	(09)		BUSINESS AND REPAIR SERVICES	
75	09	721-722,731-732, 740-742,750	Business services	731-738,751,752, 7542

76	09	751-752,760	Repair services	753,7549,762-764, 7692,7694,7699
(77-78)	(10)	-	PERSONAL SERVICES	
77	10	761	Private households	88
78 726,729	10	762,770-772, 780-782,790-791	Other personal services	701-704,721-
79 794,799	11	800-802,810	ENTERTAINMENT AND RECREATION SERVICES	781-784,791-
(80-85)	(12)	-	PROFESSIONAL AND RELATED SERVICES	
80	12	831	Hospitals	806
81	12	812,820-822,830, 832,840	Health services, except hospitals	801-803,8041-8043, 8049,805,807-809
82	12	842,850	Elementary and secondary schools and colleges	821-822
83	12	851-852,860	Other educational services	823-824,829
84	12	861-863,870-873, 880-881	Social services, religious and membership organizations	832-833,835-836, 839,84,861-866,869
85	12	841,882,890-893	Legal, engineering and other professional services	81,871-874,899

*Standard Industrial Classification

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INDUSTRY RECODES OUTLINE

APPENDIX B

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	998 and all other codes except 997	UNKNOWN INDUSTRY (INCLUDES NEVER WORKED)	-

96	14	997	REFUSED, CLASSIFIED, ETC.
97	15	Not applicable	NOT IN LABOR FORCE - codes Blank and 8 in current activity recode (loc. 75) (Under 18 or 18+ and not in Labor Force).
98	16	991	ARMED FORCES (excludes Reserves and National Guard)

*Standard Industrial Classification
1 INDUSTRY RECODE TITLES APPENDIX B

Code	Titles	Recode No. 1 Inclusions
01	AGRICULTURE, FORESTRY AND FISHERIES	01,02
02	MINING	10
03	CONSTRUCTION	20
04	MANUFACTURING	30-34, 40-46
05	TRANSPORTATION, COMMUNICATIONS AND OTHER PUBLIC UTILITIES	50-54
06	WHOLESALE TRADE	60
07	RETAIL TRADE	61-65
08	FINANCE, INSURANCE, AND REAL ESTATE	70-71
09	BUSINESS AND REPAIR SERVICES	75-76
10	PERSONAL SERVICES	77-78
11	ENTERTAINMENT AND RECREATION SERVICES	79
12	PROFESSIONAL AND RELATED SERVICES	80-85
13	PUBLIC ADMINISTRATION	90
14	UNKNOWN (includes never worked, refused, classified, etc.)	95-96

15 NOT IN LABOR FORCE

97

16 ARMED FORCES

98

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Revised in 1992

APPENDIX C

OCCUPATION RECODE OUTLINE

Recodes						

No. 1	No. 2	Detail Code		Occupation Title	SOC Code*	
Chrs.	Chrs.	(Chrs. 84-86)				
87-88	89-90					
(01-03)	(01)	-		EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	-	
01	01	003-006		Officials and administrators, public administration	111-113	
02	01	007-009,013-019, 021-022		Managers and administrators, except public administration	121-128,131- 1351-1354,1359, 136-139	
1344,						
03	01	023-029,033-037		Management related occupations	1412,1414-1415, 1419,142-143, 1442-1443,1449, 145,1472-	
1473,149						
(04-11)	(02)	-		PROFESSIONAL SPECIALTY OCCUPATIONS	-	
04	02	044-049,053-059		Engineers	1622-1628,1632- 1637,1639	
05	02	043,063		Architects and surveyors	161,164	
06	02	064-069,073-079 083		Natural mathematical and computer scientists	171-172,1732- 1733,1739,1842- 1843,1845-1847, 1849,1852-1855	
07	02	084-089		Health diagnosing occupations	261-262,27,281, 283,289	
08	02	095-099,103-106		Health assessment and treating occupations	29,301-302,3031- 3034,3039,304	
09	02	113-119,123-129, 133-139,143-149, 153-159,163-165		Teachers, librarians and counselors	2212-2218,2222- 2228,2231-2238, 2242-2247,2249, 231-233,235,236, 239,24,251,252	

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

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*Standard Occupational Classification.

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APPENDIX C

OCCUPATION RECODE OUTLINE

Recodes					

No. 1	No. 2	Detail Code	Occupation Title	SOC Code*	
Chrs. 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-					
3972,3974,399,825				393,396,3971-	

(14-16)	(04)	-	SALES OCCUPATIONS	-	
14	04	243	Supervisors and proprietors	40	
15	04	253-259	Sales representatives, commodities and finance	4122-4124,4152- 4153,421,423-424	
16	04	263-269,274-278, 283-285	Other sales	4342-4348,4351- 4354,4356,4359, 4362-4367,4369, 444-447,449	

(17-21)	(05)	-	ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	-	
17	05	308-309	Computer equipment operators	4612-4613	
18	05	313-315	Secretaries, stenographers and typists	4622-4624	
19	05	337-339,343-344	Financial records processing occupations	4712-4713,4715- 4716,4718	

20	05	354-357	Mail and message distributing	4742-4745
21	05	303-307,316-319, 323,325-329, 335-336,345-348, 353,359,363-366, 368,373-379, 383-387,389	Other administrative support	4511-4514,4516, 4519,4521-4529, 463,4642-4645, 4649,4662-4664, 4692,4694,4696, 4699,4722-4723, 4729,4732-4733, 4739,4751-4759, 4782-4784,4786- 4787,4791-4795, 4799

*Standard Occupational Classification.

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APPENDIX C

OCCUPATION RECODE OUTLINE

Recodes				
No. 1	No. 2			
Chrs. 87-88	Chrs. 89-90	Detail Code (Chrs. 84-86)	Occupation Title	SOC Code*
22	06	403-407	PRIVATE HOUSEHOLD OCCUPATIONS	502-507,509
(23-24)	(07)	-	PROTECTIVE SERVICE OCCUPATIONS	
23	07	413-414,416-418, 423-424	Police and firefighters	5111-5112,5122- 5123,5132-5134
24	07	415,425-427	Other protective service occupations	5113,5142,5144, 5149
(25-28)	(08)	-	SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	
25	08	433-436,438-439, 443-444	Food service	5211-5219
26	08	445-447	Health service	5232-5233,5236
27	08	448-449,453-455	Cleaning and building service	5241-5242,5244- 5246,5249
28	08	456-459,461-469	Personal service	5251-5258,5262- 5264,5269

(29-31)	(09)	-	FARMING, FORESTRY AND FISHING OCCUPATIONS	
29	09	473-476	Farm operators and managers	5512-5515,5522- 5525
30	09	477,479,483-489	Farm workers and other agricultural workers	5611-5619,5621- 5622,5624-5625, 5627
31	09	494-499	Forestry and fishing occupations	571-573,579, 583-584, 8241(pt.)

*Standard Occupational Classification.

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APPENDIX C

OCCUPATION RECODE OUTLINE

Recodes				

No. 1	No. 2			
Chrs.	Chrs.	Detail Code	Occupation Title	SOC Code*
87-88	89-90	(Chrs. 84-86)		
(32-34)	(10)	-	PRECISION PRODUCTION, CRAFT AND REPAIR OCCUPATIONS	
32	10	503,505-509, 514-519,523, 525-527,529, 533-536,538-539, 543-544,547,549	Mechanics and repairers	60,6111-6118, 613-614,6151- 6159,616,6171- 6179
33	10	553-558,563-567, 569,573,575-577, 579,583-585, 587-589,593-599, 613-617	Construction and extractive trades	6311-6316,6318, 632,6412- 6414(pt.), 6422,6424,6432- 6433,6442-6444, 645,6462-6468, 6472-6476,6479, 652-654,656
34	10	628,634-637,639, 643-647,649, 653-659,666-669, 674-679,683-684, 686-689,693-696, 699	Precision production occupations	67,71,6811- 6816-6817,6821- 6824,6829,6831- 6832,6835,6839, 6844,6852-6854, 6856,6859,6861- 6862,6864-6867, 6869,6871-6873, 6879,6881-6882, 691-696, 7477(pt.),

6814,

7668,7677(pt.),
7752,828

*Standard Occupational Classification
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APPENDIX C

OCCUPATION RECODE OUTLINE

Recodes					

No. 1	No. 2	Detail Code	Occupation Title	SOC Code*	
Chrs.	Chrs.	(Chrs. 84-86)			
87-88	89-90				
OPERATORS, FABRICATORS AND LABORERS					
(35-36)	(11)		MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS		
35	11	703-709,713-715, 717,719,723-729, 733-739,743-745, 747-749,753-759, 763-766,768-769, 773-774,777,779	Machine operators and tenderers, except precision	6841-6842,6849, 6855,6863,6868, 7312-7319,7322, 7324,7326,7329, 7339,7342-7344, 7349,7431-7435, 7439,7443-7444, 7449,7451-7452, 7459,7462-7463, 7467,7472,7474, 7476-7478,7479, 7512-7519,7522, 7529,7539,7542- 7544,7549,7631- 7636,7639,7642- 7644,7649,7651- 7652,7654-7659, 7661-7667,7669, 7671-7676, 7677(pt.),7678- 7679	
36	11	783-787,789, 793,795-799	Fabricators, assemblers, inspectors and samplers	7332-7333,7532- 7533,7714,7717, 772,774,7753- 7759,782-	
785,787					
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS					
(37-39)	(12)	-			
37	12	803-804,806, 808-809,813-814	Motor vehicle operators	8111,8212-8216, 8218-8219,874	
38	12	823-826,828-829, 833-834	Other transportation, except motor vehicles	8113,8232-8233, 8239,8241(pt.), 8242-8245	

39	12	843-845,848-849, 853,855-856,859	Material moving equipment operators	812,8312-8319
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*Standard Occupational Classification

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APPENDIX C

OCCUPATION RECODE OUTLINE

Recodes				

No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs.	Chrs.	(Chrs. 84-86)		
87-88	89-90			
(40-41) (13)			HANDLERS, EQUIPMENT CLEANERS, HELPERS AND LABORERS	
40	13	869	Construction laborers	871
41	13	864-868,874-878, 883,885,887-889	Freight, stock and material handlers	85,861-863, 8641-8646, 8648,865, 8722-8726,873, 875,8761,8769
95	14	998 and all other codes except 997	UNKNOWN OCCUPATION (INCLUDES NEVER WORKED)	
96	14	997	REFUSED, CLASSIFIED, ETC.	
97	15	Not applicable	NOT IN LABOR FORCE - codes Blank and 8 in current activity recode (Loc. 75). (Under 18 or 18+ and Not in Labor Force)	
98	16	905	MILITARY	

*Standard Occupational Classification

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APPENDIX C

OCCUPATION RECODE TITLES

Code	Titles	Inclusions
	MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	
01	EXECUTIVE, ADMINISTRATIVE AND MANAGERIAL OCCUPATIONS	01-03
02	PROFESSIONAL SPECIALTY OCCUPATIONS	04-11
	TECHNICAL, SALES AND ADMINISTRATIVE SUPPORT OCCUPATIONS	
03	TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	12-13
04	SALES OCCUPATIONS	14-16
05	ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	17-21
	SERVICE OCCUPATIONS	
06	PRIVATE HOUSEHOLD OCCUPATIONS	22
07	PROTECTIVE SERVICE OCCUPATIONS	23-24
08	SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	25-28
09	FARMING, FORESTRY AND FISHING OCCUPATIONS	29-31
10	PRECISION PRODUCTION, CRAFT AND REPAIR OCCUPATIONS	32-34
	OPERATORS, FABRICATORS AND LABORERS	
11	MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	35-36
12	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	37-39
13	HANDLERS, EQUIPMENT CLEANERS, HELPERS AND LABORERS	40-41
14	UNKNOWN OCCUPATION (INCLUDES NEVER WORKED, REFUSED, CLASSIFIED, ETC.)	95-96
15	NOT IN LABOR FORCE	97
16	MILITARY	98