

## 1994 NHIS Childhood Immunization Public Use File

In the 1994 NHIS, information on childhood immunizations was collected from adult respondents (often the mother) for a sample child under 6 years of age in the NHIS household sample with age-eligible children. Information was also collected for all additional 19-35 month old children. Analysts are STRONGLY encouraged to review the questionnaire used for this survey before undertaking any analyses.

Five vaccine types were asked about in the survey: DTP, Polio, Measles or MMR, Haemophilus influenzae type b (Hib), and Hepatitis B. When possible, information was abstracted directly from vaccination records maintained by the family. Respondents with vaccination records were also asked about additional shots that may have been received but were not listed on the records. Respondents who were unable to provide records were asked the number of shots of each type their child had received. Respondents who did not know the exact number of shots but stated that the child had received "all" of a particular type of vaccination had "88" coded as the number of shots.

For each vaccine type, the total number of shots received was calculated and included as a recode for each child in the file. For children 2 years and older who had complete shot record information (i.e., all their vaccination information was contained on their shot record), the total number received by 24 months was also calculated and included on the file as a recode.

Estimation of immunization coverage levels (i.e., the percentage of children who are "up-to-date" for a particular vaccine type or a series of vaccines) is complicated. The National Immunization Program at the Centers for Disease Control and Prevention is responsible for calculating the official Public Health Service coverage level estimates. Analysts who wish to make these types of estimates can contact the National Immunization Program (404-639-8235) for technical assistance.

Information collected in this survey is the same as that collected in the 1992 and 1993 NHIS. Similar information was also collected in the 1991 NHIS as part of a supplement on child health. However, there are some differences in the way the information based on respondent's recall was collected in 1992-94 compared with 1991. In 1991, the ages of vaccination were collected for each antigen; in 1992-94, just the total number of shots of each type was collected. The recode for shots received before 24 months was calculated for all children 2 and older in 1991; in 1992-94, since data on ages at vaccination was not collected in the history portion, this recode could only be calculated for those children with complete shot record information.

The response rate to the 1994 Immunization Survey was 85.2 percent and was calculated as follows:

The response rate to the NHIS Core questionnaire was 94.2 percent. Of the eligible families from the CORE, 90.4 percent responded to the Immunization supplement. Multiplying these two response rates together yields the overall response rate to the Immunization Survey (85.2 percent).

Each respondent record in the Immunization file contains a final weight (file locations 207-212). Weights must be used to make estimates based on this data file that take into account the sample design. For several reasons the sampling weight on this file differs from the corresponding weight for the same child on the NHIS Core Person file. The Immunization file is based on a sample of children under 6 identified in the NHIS sample. In addition, there was a nonresponse to the request for immunization information. Therefore, respondent data on the Immunization file was reweighted, including a post-stratification adjustment to independent estimates of the population by race, sex, and individual years of age.

It is important to note that these weights must be used with all records (sample children and additional children) since the weights take into account the additional sampling of children 19-35 months old. Most of the sampling weights for records on the Immunization file are between 1000 and 6000. However, due to the design of the NHIS and the weighting procedure, there may be some records on the Immunization file which have very large weights (e.g., 24,704). Analyses based on small raw sample sizes may be heavily influenced by the inclusion of these records with larger weights. Analysts are encouraged to look at the distribution of weights for records being analyzed to decide how to handle these weighting outliers.

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## 1994 NATIONAL HEALTH INTERVIEW SURVEY (NHIS)

### IMMUNIZATION PUBLIC USE DATA FILE

#### 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.

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). Public Use File Documentation, National Health Interview Survey of Immunization, 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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Outline of Items and Codes

Number of Records = 8,087

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-	8,087	RECORD TYPE 80. Immunization
3-4	-	8,087	PROCESSING YEAR 94. 1994
5	-	1,925 2,117 2,077 1,968	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	466 648 674 640 625 653 639 682 632 621 580 622 605	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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IM-2

1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
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11-12	HH-5	-	SEGMENT NUMBER
			Week plus Segment Number identifies the segment
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)
		466	01. Week 1
		650	02. Week 2
		678	03. Week 3
		634	04. Week 4
		625	05. Week 5
		653	06. Week 6
		639	07. Week 7
		683	08. Week 8
		633	09. Week 9
		621	10. Week 10
		578	11. Week 11
		624	12. Week 12
		603	13. Week 13

21	Recode		LATE INTERVIEW (OR LAST ATTEMPT) FLAG
		4,876	0. Interview not late
		2,384	1. One week late
		692	2. Two weeks late
		135	3. Unknown

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IM-3

1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
22-23	HH-10c,d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		183	00. Housing unit; kind unknown
		7,402	01. House, apartment, flat

1	02.	HU in nontransient hotel, motel, etc.
2	03.	HU-permanent in transient hotel, motel, etc.
0	04.	HU in rooming house
426	05.	Mobile home or trailer with no permanent room added
54	06.	Mobile home or trailer with one or more permanent rooms added
7	07.	HU not specified above
		Other Unit = (08-13)
0	08.	Quarters not HU in rooming or boarding house
0	09.	Unit not permanent in transient hotel, motel, etc.
1	10.	Unoccupied site for mobile home, trailer, or tent
0	11.	Student quarters in college dormitory
9	12.	Other unit not specified above
2	13.	Other unit; kind unknown

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24	HH-11		HAS TELEPHONE
		7,109	1. Yes, phone number given
		247	2. Yes, no phone number given
		650	3. No
		81	4. Unknown

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25	A-1		SEX
		4,091	1. Male
		3,996	2. Female

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26	-	-	BLANK
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IM-4

1994 NHIS IMMUNIZATION PUBLIC USE FILE

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Tape Locations	Item No.	Frequency	Items and Codes
27-28	Person Column		AGE
		1,066	00. Under 1 year old

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		7,021	01-05. Number of years old
29	Recode		AGE RECODE #1
		6,794	1. Under 5 years old
		1,293	2. 5 years old
30	Recode		AGE RECODE #2
		8,087	1. Under 6 years old
31-32	Recode		AGE RECODE #3
		4,202	00-35. Months
		3,885	36. Over 3 years old
33	-	-	BLANK

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IM-5

1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
34-39	A-3		MONTH AND YEAR OF BIRTH
34-35		-	Month
			01. January                      08. August
			02. February                    09. September
			03. March                        10. October
			04. April                         11. November
			05. May                          12. December
			06. June                         99. Unknown
			07. July
36-39			Year of Birth
		8,080	1988-1995. 1988-1995
		7	9999. Unknown
40	Recode		HISPANIC ORIGIN IMPUTED FLAG
		7,641	0. Hispanic Origin Known
		446	1. Hispanic Origin Imputed from Reference Person
41-42	L-4		MAIN RACIAL BACKGROUND* (see notation for locations 43-45)

5,722	01.	White
1,378	02.	Black
91	03.	Indian (American)
1	04.	Eskimo
1	05.	Aleut
54	06.	Chinese
62	07.	Filipino
2	08.	Hawaiian
21	09.	Korean
28	10.	Vietnamese
25	11.	Japanese
36	12.	Asian Indian
1	13.	Samoan
0	14.	Guamanian
47	15.	Other API
256	16.	Other Race
47	17.	Multiple Race
315	99.	Unknown

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\*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.

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IM-6

1994 NHIS IMMUNIZATION PUBLIC USE FILE

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Tape Locations	Item No.	Frequency	Items and Codes	
43-45	Recode		RACE RECODES	
43		6,331	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.
		1,381	1. White	
		375	2. Black	
			3. Other	
44			Recode 2	
		6,331	1. White	
		1,756	2. Non-white	
45			Recode 3	
		1,381	1. Black	
		6,706	2. Non-black	
46-47	L-3		HISPANIC ORIGIN**	
		9	00.	Multiple Hispanic
		140	01.	Puerto Rican
		72	02.	Cuban
		167	03.	Mexican-Mexicano
		611	04.	Mexican-American

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17	05. Chicano
108	06. Other Latin American
105	07. Other Spanish
34	08. Spanish, DK type
38	09. Unknown if Spanish origin
6,786	10. Not Spanish origin

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48	L-7		MARITAL STATUS
		8,087	0. Under 14 years old

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49-50	-	-	BLANK
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\*This recode is used to define race in the Current Estimates tables.

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

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IM-7

1994 NHIS IMMUNIZATION PUBLIC USE FILE

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Tape Locations	Item No.	Frequency	Items and Codes
51-52	L-2		EDUCATION OF INDIVIDUAL - COMPLETED YEARS
		1,256	00. Never attended; kindergarten only
		4	01-11. Grades 1-11
		0	12. Grade 12
			College:
		0	13. 1 year
		0	14. 2 years
		0	15. 3 years
		0	16. 4 years
		0	17. 5 years
		0	18. 6 years or more
		33	19. Unknown
		6,794	Blank. Under 5 years old

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53	Recode		EDUCATION OF INDIVIDUAL RECODE
		1,256	0. None; kindergarten only
		4	1. 1-8 years (elementary)
		0	2. 9-11 years (high school)
		0	3. 12 years (high school graduate)
		0	4. 1-3 years (college)
		0	5. 4 years (college graduate)
		0	6. 5+ years (post-college)
		33	7. Unknown



6,794 Blank. Under 5 years old

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54-55	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER (Detail)
		8	00. Never attended; kindergarten only
		1,021	01-11. Grades 1-11
		2,752	12. Grade 12
			College:
		693	13. 1 year
		967	14. 2 years
		363	15. 3 years
		1,222	16. 4 years
		287	17. 5 years
		723	18. 6 years or more
		51	19. Unknown

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IM-8

1994 NHIS IMMUNIZATION PUBLIC USE FILE

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Tape Locations	Item No.	Frequency	Items and Codes
56	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER Recode
		8	0. None; kindergarten only
		272	1. 1-8 years (elementary)
		749	2. 9-11 years (high school)
		2,752	3. 12 years (high school graduate)
		2,023	4. 1-3 years (college)
		1,222	5. 4 years (college graduate)
		1,010	6. 5+ years (post-college)
		51	7. Unknown

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57	L-8		FAMILY INCOME \$20,000 OR MORE
		2,718	1. Less than \$20,000
		5,231	2. \$20,000 or more
		138	3. Unknown

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58-59	L-8		FAMILY INCOME
		54	00. Less than \$1,000
		83	01. \$ 1,000 - \$ 1,999
		77	02. 2,000 - 2,999
		85	03. 3,000 - 3,999
		86	04. 4,000 - 4,999
		126	05. 5,000 - 5,999

105	06.	6,000 - 6,999
139	07.	7,000 - 7,999
111	08.	8,000 - 8,999
138	09.	9,000 - 9,999
165	10.	10,000 - 10,999
91	11.	11,000 - 11,999
147	12.	12,000 - 12,999
110	13.	13,000 - 13,999
99	14.	14,000 - 14,999
147	15.	15,000 - 15,999
96	16.	16,000 - 16,999
122	17.	17,000 - 17,999
126	18.	18,000 - 18,999
161	19.	19,000 - 19,999
654	20.	20,000 - 24,999
544	21.	25,000 - 29,999
574	22.	30,000 - 34,999
466	23.	35,000 - 39,999
488	24.	40,000 - 44,999
390	25.	45,000 - 49,999
1,686	26.	\$50,000 and over
1,017	27.	Unknown

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IM-9

1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
60	Recode		FAMILY INCOME RECODE
		385	0. Under \$5,000
		231	1. \$ 5,000 - \$ 6,999
		388	2. 7,000 - 9,999
		612	3. 10,000 - 14,999
		652	4. 15,000 - 19,999
		654	5. 20,000 - 24,999
		1,118	6. 25,000 - 34,999
		1,344	7. 35,000 - 49,999
		1,686	8. \$50,000 or more
		1,017	9. Unknown
61	Generated		NHIS POVERTY INDEX*
		5,841	1. At or above poverty threshold
		1,643	2. Below poverty threshold
		603	3. Unknown
62-63			FAMILY RELATIONSHIP
62	A-2	0	Type of Family &. Primary individual

		0	-.	Secondary individual
		8,059	0.	Primary family
		28	1-9.	Secondary family
63	A-2			Relationship to Reference Person
		0	&.	Reference person, living alone
		0	0.	Reference person, 2+ persons in household
		0	1.	Spouse, other spouse NOT in Armed Forces and living at home
		0	2.	Spouse, other spouse IN Armed Forces and living at home
		7,254	3.	Child of reference person or spouse
		697	4.	Grandchild of reference person or spouse
		0	5.	Parent of reference person or spouse
		122	6.	Other relative
		14	7.	Child of ineligible reference person
		0	9.	Unknown

\*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.

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IM-10

1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
64	Recode		FAMILY RELATIONSHIP RECODE
		0	1. Living alone
		0	2. Living only with non-relative
		0	3. Living with spouse
		8,087	4. Living with relative - other
65-66	Generated	-	SIZE OF FAMILY*
67	Generated		SIZE OF FAMILY RECODE
		7,979	1-8. Number of members
		108	9. 9+ members
68	A-2		PARENT/OTHER ADULT RELATIVE
		5,623	1. Both parents, no other relative
		1,255	2. Mother only
		56	3. Father only

391	4.	Both parents and other 21+ year old adult relative
596	5.	Mother and other 21+ year old adult relative
34	6.	Father and other 21+ year old adult relative
35	7.	No parent, but one 21+ year old adult relative
85	8.	No parent, but two or more 21+ year old adult relatives
10	9.	Unknown
2	0.	Other

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

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IM-11

1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
69	-	-	BLANK
70	G-4		HEALTH STATUS
		4,144	1. Excellent
		2,268	2. Very Good
		1,328	3. Good
		196	4. Fair
		26	5. Poor
		125	6. Unknown
71	Recode		ACTIVITY LIMITATION STATUS*- (all ages)
		57	1. Unable to perform major activity
		160	2. Limited in kind/amount major activity
		68	3. Limited in other activities
		7,802	4. Not limited (includes unknowns)
72	-	-	BLANK
73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5 years old)
		7	1. Unable to attend school
		32	2. Attends special school/classes
		1	3. Needs special school/classes
		5	4. Limited in school attendance
		21	5. Limited in other activities
		1,227	6. Not limited (includes unknowns)

6,794 Blank. Not applicable (Under 5 years old)

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

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IM-12

1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
74	B-14		NEEDS HELP WITH PERSONAL CARE (5 years old and limited)
		10	1. Unable to perform personal care needs
		0	2. Limited in performing other routine needs
		56	3. Not limited in performing person or routine needs
		0	4. Unknown
		8,021	Blank. Not applicable (Under 5 years; 5 years old not limited)
75-79	-	-	BLANK
80-81	Recode		INDUSTRY RECODE 1
		8,087	97. Under 18 years old
82-83	Recode		INDUSTRY RECODE 2
		8,087	15. Under 18 years old
84-86	-	-	BLANK
87-88	Recode		OCCUPATION RECODE 1
		8,087	97. Under 18 years old
89-90	Recode		OCCUPATION RECODE 2
		8,087	15. Under 18 years old
91	L-R		RESPONDENT
		0	1. Self-entirely

0	2. Self-partly
8,087	3. Proxy
0	4. Unknown

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IM-13

1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
92-97	-	-	BLANK
98-99	Recode		TOTAL RESTRICTED ACTIVITY DAYS IN PAST TWO WEEKS
		7,237	00. None
		850	01-14. Days
100-101	D-4		BED DAYS IN PAST TWO WEEKS
		7,646	00. None
		441	01-14. Days
102-103	D-2		WORK-LOSS DAYS IN PAST TWO WEEKS
		8,087	00. Under 18 years old
104-105	D-3		SCHOOL-LOSS DAYS IN PAST TWO WEEKS
		7,992	00. None
		95	01-14. Days
106-107	D-6		OTHER DAYS OF RESTRICTED ACTIVITY IN PAST TWO WEEKS
		7,588	00. None
		499	01-14. Days
108-110	G-2		BED DAYS IN PAST 12 MONTHS
		4,192	000. None
		3,775	001-365. 1-365 days
		120	366. Unknown

## 1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
111	Recode		BED DAYS IN PAST 12 MONTHS - Recode
		4,192	0. None
		3,159	1. 1-7 days
		566	2. 8-30 days
		48	3. 31-180 days
		2	4. 181-365 days
		120	5. Unknown
112-114	G-3		DOCTOR VISITS IN PAST 12 MONTHS
		628	000. None
		7,417	001-996. Visits
		0	997. 997+ visits
		42	998. Unknown
115	G-3		INTERVAL SINCE LAST DOCTOR VISIT
		18	0. Never
		7,485	1. Less than 1 year
		370	2. 1 to less than 2 years
		72	3. 2 to less than 5 years
		1	4. 5 years or more
		141	5. Unknown
116-117	Generated	-	NUMBER OF CONDITIONS
118-119	Generated	-	NUMBER OF ACUTE INCIDENCE CONDITIONS
120-121	Generated	-	NUMBER OF TWO-WEEK DOCTOR VISITS
122-123	Generated	-	NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS
124-126	Generated	-	SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS
127-128	Generated	-	NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS EXCLUDING DELIVERY*

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\*Based on operation codes and reason entered hospital.

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IM-15

1994 NHIS IMMUNIZATION PUBLIC USE FILE

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Tape Locations	Item No.	Frequency	Items and Codes
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*

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\*Based on operation codes and reason entered hospital.

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IM-16

1994 NHIS IMMUNIZATION PUBLIC USE FILE

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Tape Locations	Item No.	Frequency	Items and Codes
142-143	-	-	BLANK
144	L-9b		YEARS LIVED IN STATE OF PRESENT RESIDENCE
		1,225	1. Less than 1 year
		5,264	2. 1 yr., less than 5 yrs.
		991	3. 5 yrs., less than 10 yrs.
		0	4. 10 yrs., less than 15 yrs.
		0	5. 15 years or more
		454	9. DK refused
		153	Blank. Not applicable (Foreign-born)



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145	L-9c		YEARS LIVED IN UNITED STATES
		39	1. Less than 1 year
		100	2. 1 yr., less than 5 yrs.
		10	3. 5 yrs., less than 10 yrs.
		0	4. 10 yrs., less than 15 yrs.
		0	5. 15 years or more
		4	9. DK refused
		7,934	Blank. Not applicable (U.S. born)

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146-177 - - BLANK

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IM-17

1994 NHIS IMMUNIZATION PUBLIC USE FILE

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Tape Locations	Item No.	Frequency	Items and Codes
178	Master Record		TYPE OF SUBSTRATUM
		1,569	0. Permit
		854	1. Area, oversampled for blacks
		5,664	2. Area, not oversampled for blacks
179-181	Recode	-	FULL SAMPLE STRATUM IDENTIFIER
182	Master Record		REGION
		1,571	1. Northeast
		2,006	2. Midwest
		2,546	3. South
		1,964	4. West
183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		3,618	1. 1,000,000 or more
		2,157	2. 250,000 - 999,999
		541	3. 100,000 - 249,999
		109	4. Under 100,000
		1,662	Blank. Non-MSA
184	-	-	BLANK

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## IM-18

## 1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
185	Master Record		TYPE OF PSU
		4,598	1. MSA - Self-representing
		1,827	3. MSA - Nonself-representing
		0	4. Non-MSA - Self-representing
		1,662	6. Non-MSA - Nonself-representing
186	Recode		MSA - NON-MSA RESIDENCE
		2,649	1. MSA - Central City
		3,776	2. MSA - Not Central City
		1,591	3. Non-MSA - Nonfarm
		71	4. Non-MSA - Farm
187-189	-	-	PSEUDO PSU CODES
190-200	-	-	BLANK
201-206	Generated	-	INTERIM ANNUAL BASIC WEIGHT (Before Age-Sex-Race Poststratification)
207-212	Generated	-	FINAL ANNUAL BASIC WEIGHT
213-334	-	-	BLANK

## IM-19

## 1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
335	-		SAMPLE CHILD AND OTHER CHILD 19-35 MONTHS
		7,417	1. Sample Child
		670	2. Other Child 19-35 Months

336	Recode		DTP SHOT INDICATED ON RECORD
		4,160	1. Yes
		57	2. No
		1	9. DK or refused
		3,869	Blank. NA-Shot record not available or no vaccinations received

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337-384      2/14(1)      IMMUNIZATION DTP/DT SHOT TABLE FOR 1-8 SHOTS

Columns for DTP/DT Shots 1-8

MONTH	SHOT #	MONTH COLUMNS	DAY COLUMNS	YEAR COLUMNS
01. January				
02. February				
03. March	1	337-338	339-340	341-342
04. April				
05. May	2	343-344	345-346	347-348
06. June				
07. July	3	349-350	351-352	353-354
08. August				
09. September	4	355-356	357-358	359-360
10. October				
11. November	5	361-362	363-364	365-366
12. December				
99. DK or refused	6	367-368	369-370	371-372
Blank. NA-Shot record not available or vaccination not received	7	373-374	375-376	377-378
DAY	8	379-380	381-382	383-384
01-31. Day of month				
99. DK or refused				
Blank. NA-Shot record not available or vaccination not received				
YEAR				
88-94. 1988-1994				
99. DK or refused				
Blank. NA-Shot record not available or vaccination not received				

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1994 NHIS IMMUNIZATION PUBLIC USE FILE

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Tape Locations	Item No.	Frequency	Items and Codes
385	Recode	4,109	POLIO SHOT INDICATED ON RECORD 1. Yes

106            2. No  
 3              9. DK or refused  
 3,869        Blank. NA-Shot record not  
                                  available or no  
                                  vaccinations received

386-433        2/14(2)                                    IMMUNIZATION POLIO (DROPS OR SHOTS)  
 TABLE FOR 1-8 SHOTS/DROPS

Columns for Polio Shots 1-8

MONTH		SHOT #	MONTH COLUMNS	DAY COLUMNS	YEAR COLUMNS
01.	January				
02.	February				
03.	March	1	386-387	388-389	390-391
04.	April				
05.	May	2	392-393	394-395	396-397
06.	June				
07.	July	3	398-399	400-401	402-403
08.	August				
09.	September	4	404-405	406-407	408-409
10.	October				
11.	November	5	410-411	412-413	414-415
12.	December				
99.	DK or refused	6	416-417	418-419	420-421
Blank.	NA-Shot record not available or vaccination not received	7	422-423	424-425	426-427
		8	428-429	430-431	432-433

  

DAY	
01-31.	Day of month
99.	DK or refused
Blank.	NA-Shot record not available or vaccination not received

  

YEAR	
88-94.	1988-1994
99.	DK or refused
Blank.	NA-Shot record not available or vaccination not received

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IM-21

1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
434	Recode		MEASLES/MMR SHOT INDICATED ON RECORD
		3,236	1. Yes
		944	2. No
		38	9. DK or refused

3,869 Blank. NA-Shot record not available  
or no vaccinations received

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435-462 2/14(3) IMMUNIZATION MEASLES/MMR SHOT TABLE  
FOR 1-4 SHOTS

SHOT TYPE		Columns For Measles/MMR Shots 1-4				
1. Measles						
2. MMR		SHOT #	MEASLES/ MMR	MONTH COLUMNS	DAY COLUMNS	YEAR COLUMN
9. DK or refused						
Blank. NA-Shot record not available or vaccination not received						
		1	435	436-437	438-439	440-441
		2	442	443-444	445-446	447-448
		3	449	450-451	452-453	454-455
MONTH		4	456	457-458	459-460	461-462
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						
Blank. NA-Shot record not available or vaccination not received						
DAY				YEAR		
01-31. Day of month				88-94. 1988-1994		
99. DK or refused				99. DK or refused		
Blank. NA-Shot record not available or vaccination not received				Blank. NA-Shot record not available or vaccination not received		

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1994 NHIS IMMUNIZATION PUBLIC USE FILE

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Tape Locations	Item No.	Frequency	Items and Codes
463	Recode		HIB SHOT INDICATED ON RECORD
		3,763	1. Yes
		416	2. No
		39	9. DK or refused
		3,869	Blank. NA-Shot record not

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available or no  
vaccinations received

464-487 2/14(4)

IMMUNIZATION HIB SHOT TABLE  
FOR 1-4 SHOTS

Columns For HIB Shots 1-4

MONTH	SHOT #	MONTH COLUMNS	DAY COLUMNS	YEAR COLUMNS
01. January				
02. February				
03. March				
04. April	1	464-465	466-467	468-469
05. May				
06. June	2	470-471	472-473	474-475
07. July				
08. August	3	476-477	478-479	480-481
09. September				
10. October	4	482-483	484-485	486-487
11. November				
12. December				
99. DK or refused				
Blank. NA-Shot record not available or vaccination not received				

  

DAY	
01-31. Day of month	
99. DK or refused	
Blank. NA-Shot record not available or vaccination not received	

  

YEAR	
88-94. 1988-1994	
99. DK or refused	
Blank. NA-Shot record not available or vaccination not received	

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1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
488	Recode		HEPATITIS B SHOT INDICATED ON RECORD
		1,589	1. Yes
		2,494	2. No
		135	9. DK or refused
		3,869	Blank. NA-Shot record not available or no

vaccinations received

489-512      2/14(5)      IMMUNIZATION HEPATITIS B SHOT TABLE  
FOR 1-4 SHOTS

Columns For Hepatitis B Shots 1-4

MONTH		SHOT #	MONTH COLUMNS	DAY COLUMNS	YEAR COLUMNS
01.	January				
02.	February				
03.	March				
04.	April	1	489-490	491-492	493-494
05.	May				
06.	June	2	495-496	497-498	499-500
07.	July				
08.	August	3	501-502	503-504	505-506
09.	September				
10.	October	4	507-508	509-510	511-512
11.	November				
12.	December				
99.	DK or refused				
Blank.	NA-Shot record not available or vaccination not received				
DAY					
01-31.	Day of month				
99.	DK or refused				
Blank.	NA-Shot record not available or vaccination not received				
YEAR					
88-94.	1988-1994				
99.	DK or refused				
Blank.	NA-Shot record not available or vaccination not received				

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IM-24

1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
513	3/15		ALL IMMUNIZATIONS INCLUDED ON SHOT RECORD (according to respondent)*
		3,673	1. Yes
		294	2. No
		278	9. DK or refused
		3,842	Blank. NA-No shot record

514	4/16a		CHILD EVER RECEIVED ADDITIONAL DTP SHOT
		141	1. Yes
		112	2. No
		319	9. DK or refused
		7,515	Blank. NA-Shot record complete or no shot record
515	4/16b		ADDITIONAL DTP SHOTS RECEIVED
		92	1-7. 1-7 Shots
		19	8. All
		30	9. DK or refused
		7,946	Blank. NA-No additional shots, shot record complete or no shot record
516	5/17a		CHILD EVER RECEIVED ADDITIONAL POLIO SHOT/VACCINE
		136	1. Yes
		123	2. No
		313	9. DK or refused
		7,515	Blank. NA-Shot record complete or no shot record
517	5/17b		ADDITIONAL POLIO VACCINE RECEIVED
		87	1-7. 1-7 Vaccines
		17	8. All
		32	9. DK or refused
		7,951	Blank. NA-No additional shots, shot record complete or no shot record
518	6/18a		CHILD EVER RECEIVED ADDITIONAL MEASLES/MMR SHOTS
		108	1. Yes
		127	2. No
		337	9. DK or refused
		7,515	Blank. NA-Shot record complete or no shot record

\* This field was not edited for consistency with other information. This may differ from location 542 if child received vaccines other than those on this survey.

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1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
519	6/18b		ADDITIONAL MEASLES/MMR SHOTS RECEIVED



61	1-7.	1-7 Shots
15	8.	All
32	9.	DK or refused
7,979	Blank.	NA-No additional shots, shot record complete or no shot record

520	7/19a		CHILD EVER RECEIVED ADDITIONAL HIB SHOT
		84	1. Yes
		134	2. No
		354	9. DK or refused
		7,515	Blank. NA-Shot record complete or no shot record
521	7/19b		ADDITIONAL HIB SHOTS RECEIVED
		49	1-7. 1-7 Shots
		19	8. All
		16	9. DK or refused
		8,003	Blank. NA-No additional shots, shot record complete or no shot record
522	8/20a		CHILD EVER RECEIVED ADDITIONAL HEPATITIS B SHOT
		75	1. Yes
		143	2. No
		354	9. DK or refuse
		7,515	Blank. NA-Shot record complete or no shot record
523	8/20b		ADDITIONAL HEPATITIS B SHOTS RECEIVED
		59	1-7. 1-7 Shots
		5	8. All
		11	9. DK or refused
		8,012	Blank. NA-No additional shots, shot record complete or no shot record
524	9/21		EVER RECEIVED IMMUNIZATION (for children with no shot record)
		3,384	1. Yes
		263	2. No
		195	9. DK or refused
		4,245	Blank. NA-Shot record available

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1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
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525	10/22a(1)		EVER RECEIVED DTP SHOT
		3,310	1. Yes
		39	2. No
		35	9. DK or refused
		4,703	Blank. NA-DK/not immunized or shot record available
<hr/>			
526-527	10/22b(1)		TOTAL DTP SHOTS RECEIVED
		868	01-87. 1-87 shots
		1,770	88. All
		672	99. DK or refused
		4,777	Blank. DK/did not receive specific vaccination, DK/not immunized or shot record available
<hr/>			
528	10/22a(2)		EVER RECEIVED POLIO SHOT/VACCINE
		3,293	1. Yes
		51	2. No
		40	9. DK or refused
		4,703	Blank. NA-DK/not immunized or shot record available
<hr/>			
529-530	10/22b(2)		TOTAL POLIO SHOTS/VACCINES RECEIVED
		845	01-87. 1-87 Shots
		1,772	88. All
		676	99. DK or refused
		4,794	Blank. NA-DK/did not receive specific vaccination, DK/not immunized or shot record available
<hr/>			
531	10/22a(3)		EVER RECEIVED MEASLES/MMR SHOT
		2,935	1. Yes
		261	2. No
		188	9. DK or refused
		4,703	Blank. NA-DK/not immunized or shot record available

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IM-27

1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
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532-533	10/22b(3)		TOTAL MEASLES/MMR SHOTS RECEIVED
		610	01-87. 1-87 Shots
		1,682	88. All
		643	99. DK or refused
		5,152	Blank. DK/did not receive specific vaccination, DK/not immunized or shot record available
<hr/>			
534	10/22a(4)		EVER RECEIVED HIB SHOT
		2,467	1. Yes
		324	2. No
		593	9. DK or refused
		4,703	Blank. NA-DK/not immunized or shot record available
<hr/>			
535-536	10/22b(4)		TOTAL HIB SHOTS RECEIVED
		597	01-87. 1-87 Shots
		1,376	88. All
		494	99. DK or refused
		5,620	Blank. NA-DK/did not receive specific vaccination, DK/not immunized or shot record available
<hr/>			
537	10/22a(5)		EVER RECEIVED HEPATITIS B SHOT
		1,713	1. Yes
		719	2. No
		952	9. DK or refused
		4,703	Blank. NA-DK/not immunized or shot record available
<hr/>			
538-539	10/22b(5)		TOTAL HEPATITIS B SHOTS RECEIVED
		495	01-87. 1-87 Shots
		902	88. All
		316	99. DK or refused
		6,374	Blank. NA-DK/did not receive specific vaccination, DK/not immunized or shot record available

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1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
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540	11/23		PERSON WHO TOOK CHILD FOR SHOTS
		6,691	1. Yes
		822	2. No
		94	9. DK or refused
		480	Blank. NA-DK/not immunized
541	12/24		HAS CHILD RECEIVED ALL RECOMMENDED SHOTS
		7,069	1. Yes
		361	2. No
		177	9. DK or refused
		480	Blank. NA-DK/not immunized
542	-		SOURCE OF VACCINE INFORMATION (recode)
		281	0. None of 4 vaccine types reported
		3,992	1. Shot record only
		225	2. Shot record and history
		3,390	3. History only
		199	9. DK/refused if received any of vaccine types
543	-		SOURCE OF DTP/DT INFORMATION (recode)
		364	0. Vaccine not reported
		4,023	1. Shot record only
		137	2. Shot record and history
		870	3. History only (no. of shots known)
		2,444	7. History only (no. of shots unknown)
		249	9. DK/refused if received vaccine
544	-		SOURCE OF POLIO INFORMATION (recode)
		413	0. Vaccine not reported
		3,984	1. Shot record only
		125	2. Shot record and history
		852	3. History only (no. of vaccines known)
		2,452	7. History only (no. of vaccines unknown)
		261	9. DK/refused if received vaccine

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1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
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545	-	SOURCE OF MEASLES/MMR INFORMATION (recode)				
		1,378	0.	Vaccine not reported		
		3,176	1.	Shot record only		
		57	2.	Shot record and history		
		638	3.	History only (no. of shots known)		
		2,348	7.	History only (no. of shots unknown)		
		490	9.	DK/refused if received vaccine		
<hr/>						
546	-	SOURCE OF HIB INFORMATION (recode)				
		971	0.	Vaccine not reported		
		3,711	1.	Shot record only		
		52	2.	Shot record and history		
		614	3.	History only (no. of shots known)		
		1,885	7.	History only (no. of shots unknown)		
		854	9.	DK/refused if received vaccine		
<hr/>						
547	-	SOURCE OF HEPATITIS B INFORMATION (recode)				
		3,350	0.	Vaccine not reported		
		1,560	1.	Shot record only		
		29	2.	Shot record and history		
		529	3.	History only (no. of shots known)		
		1,230	7.	History only (no. of shots unknown)		
		1,389	9.	DK/refused if received vaccine		
<hr/>						
548-603	-	AGE (IN MONTHS) AT VACCINATION*				
		(From shot record) (recode)				
		00.	Less than 1 month			
		01-72.	1-72 months			
		99.	Vaccine received, age unknown			
		Blank.	NA-No shot record information or vaccine not/DK if received			
		Age in Months Recode Locations				
		Shot #	DTP	Polio	MMR	HIB
		1	548-549	564-565	580-581	588-589
		2	550-551	566-567	582-583	590-591
		3	552-553	568-569	584-585	592-593
		4	554-555	570-571	586-587	594-595
		5	556-557	572-573		602-603
		6	558-559	574-575		
		7	560-561	576-577		
		8	562-563	578-579		

\*Note: Recoding ages up to 8 DTP's, 8 Polio's, 4 MMR's, 4 HIB's and 4 HEP's. Respondent may have indicated more were received.

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Tape Locations	Item No.	Frequency	Items and Codes
604-605	-		TOTAL NUMBER OF DTP SHOTS RECEIVED (recode)
		613	00. No DTP shots received (includes those unknown if received DTP)
		4,983	01-87. Number of shots
		1,789	88. Number reported as all
		702	99. DK/refused number of shots
606-607	-		TOTAL NUMBER OF POLIO VACCINATIONS RECEIVED (recode)
		674	00. No Polio vaccinations received (includes those unknown if received Polio)
		4,916	01-87. Number of vaccinations
		1,789	88. Number reported as all
		708	99. DK/refused how many vaccinations
608-609	-		TOTAL NUMBER OF MEASLES/MMR SHOTS RECEIVED (recode)
		1,868	00. No MMR shots received (includes those unknown if received MMR)
		3,847	01-87. Number of shots
		1,697	88. Number reported as all
		675	99. DK/refused how many shots
610-611	-		TOTAL NUMBER OF HIB SHOTS RECEIVED (recode)
		1,825	00. No HIB shots received (includes those unknown if received HIB)
		4,357	01-87. Number of shots
		1,395	88. Number reported as all
		510	99. DK/refused how many shots
612-613	-		TOTAL NUMBER OF HEP SHOTS RECEIVED (recode)
		4,739	00. No Hepatitis B shots received (includes those unknown if received Hepatitis B)
		2,114	01-87. Number of shots
		907	88. Number reported as all
		327	99. DK/refused how many shots

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1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
614	-		TOTAL NUMBER OF DTP SHOTS RECEIVED BEFORE 24 MONTHS FOR CHILDREN 24 MONTHS OF AGE AND OLDER WITH SHOT RECORD COMPLETE (recode)*
		57	0. No/unknown if DTP received before 24 months
		2,647	1-8. Number of shots
		5,383	Blank. NA-Child less than 2 years old, no shot record or shot record incomplete
			(Note: Includes only shots received at a known valid age.)
615	-		TOTAL NUMBER OF POLIO VACCINATIONS RECEIVED BEFORE 24 MONTHS FOR CHILDREN 24 MONTHS OF AGE OR OLDER WITH SHOT RECORD COMPLETE (recode)*
		84	0. No/unknown if polio received before 24 months
		2,620	1-8. Number of vaccinations
		5,383	Blank. NA-Child less than 2 years old, no shot record or shot record incomplete
			(Note: Includes only vaccinations received at a known valid age.)
616	-		TOTAL NUMBER OF MEASLES/MMR SHOTS RECEIVED BEFORE 24 MONTHS FOR CHILDREN 24 MONTHS OF AGE OR OLDER WITH SHOT RECORD COMPLETE (recode)*
		378	0. No/unknown if MMR received before 24 months
		2,326	1-4. Number of shots
		5,383	Blank. Child less than 2 years old, no shot record or shot record incomplete
			(Note: Includes only shots received at a known valid age.)

\*Note: Locations 614-618 apply only to children 24 months and older who have all their information on a shot record (location 542=1).

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1994 NHIS IMMUNIZATION PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
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617	-		TOTAL NUMBER OF HIB SHOTS RECEIVED BEFORE 24 MONTHS FOR CHILDREN 24 MONTHS OF AGE OR OLDER WITH SHOT RECORD COMPLETE (recode)*
		515	0. No/unknown if HIB received before 24 months
		2,189	1-4. Number of shots
		5,383	Blank. NA-Child less than 2 years old, no shot record or shot record incomplete
			(Note: Includes only shots received at a known valid age.)

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618	-		TOTAL NUMBER OF HEP SHOTS RECEIVED BEFORE 24 MONTHS FOR CHILDREN 24 MONTHS OF AGE OR OLDER WITH SHOT RECORD COMPLETE (recode)*
		2,336	0. No/unknown if HIB received before 24 months
		368	1-4. Number of shots
		5,383	Blank. NA-Child less than 2 years old, no shot record or shot record incomplete
			(Note: Includes only shots received at a known valid age.)

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619-620	I3/I8		PERSON NUMBER OF RESPONDENT
		7,998	01-28. Respondent's Person Number
		6	98. Active duty military
		3	99. Non-household member
		80	Blank. Unknown

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\*Note: Locations 614-618 apply only to children 24 months and older who have all their information on a shot record (location 542=1).