

1995 National Health Interview Survey (NHIS)  
Childhood Immunization File

In the 1995 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's Statistical Analysis Branch (404-639-8235) for technical assistance.

Information collected in this survey is the same as that collected in the 1992-94 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 1992-95 compared with 1991. In 1991, the ages of vaccination were collected for each antigen; in 1992-95, 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 1992-95, 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 1995 Immunization Survey was 86.5 percent and was calculated as follows:

The response rate to the NHIS Core questionnaire was 93.8 percent.  
Of the eligible families from the CORE, 92.2 percent responded to

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the Immunization supplement. Multiplying these two response rates together yields the overall response rate to the Immunization Survey (86.5 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/ethnicity, 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 19-35 month old children. 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., 25,000). 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.

The following indicates the number of sample children as well as additional children in the household:

1995 NHIS Immunization File	
Sample Children:	6,732
Other Children:	555
Total Children:	7,287
19-35 months (total)	2,089

NOTE: The NHIS sample was redesigned starting in 1995. Therefore, analysts are encouraged to carefully review the 1995 file documentation, as there are several new or modified fields identifying design information.

Outline of Items and Codes

File Locations	Item No.	Frequency	Items and Codes
1-2	-		RECORD TYPE
		7,287	80. Immunization
3-4	HH-2		PROCESSING YEAR
		7,287	95. 1995
5-14	Generated	-	HOUSEHOLD ID
15-16	-	-	PERSON NUMBER
17-18	-	-	BLANK (Record Serial Number on some other record types)
19-20	-		SAMPLING WEEK CODE (Numbered within Quarter (loc. 178))
		453	01. Week 1
		620	02. Week 2
		613	03. Week 3
		539	04. Week 4
		659	05. Week 5
		531	06. Week 6
		609	07. Week 7
		620	08. Week 8
		613	09. Week 9
		620	10. Week 10
		457	11. Week 11
		494	12. Week 12
		459	13. Week 13

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IM-2

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item and Codes
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21	Recode		LATE INTERVIEW (OR LAST ATTEMPT) FLAG
		4,083	0. Interview not late
		2,177	1. One week late
		694	2. Two weeks late
		333	3. Unknown

22-23	HH-11c,d		TYPE OF LIVING QUARTERS:
			Housing Unit (HU) = (00-07)
		143	00. Housing unit; kind unknown
		6,626	01. House, apartment, flat
		3	02. HU in nontransient hotel, motel, etc.
		0	03. HU-permanent in transient hotel, motel, etc.
		0	04. HU in rooming house
		435	05. Mobile home or trailer with no permanent room added
		63	06. Mobile home or trailer with one or more permanent rooms added
		4	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
		12	12. Other unit not specified above
		0	13. Other unit; kind unknown

1 IM-3

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item and Codes
24	HH-12		HAS TELEPHONE
		6,498	1. Yes, phone number given
		180	2. Yes, no phone number given
		526	3. No
		83	4. Unknown

25	A-1		SEX
		3,678	1. Male
		3,609	2. Female
26	-	-	BLANK
27-28	Perso Column		AGE
		1,057	00. Under 1 year old
		6,230	01-05. Number of years old
29	Recode		AGE RECODE #1
		6,144	1. Under 5 years old
		1,143	2. 5 years old
30	Recode		AGE RECODE #2
		7,287	1. Under 6 years old
31-32	Recode		AGE RECODE #3
		3,787	00-35. Number of months old
		3,500	36. Over 3 years old
33	-	-	BLANK
1			IM-4

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item 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

7,277 1989-1996. 1989-1996  
 10 9999. Unknown

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40	Recode		HISPANIC ORIGIN IMPUTED FLAG
		7,061	0. Hispanic Origin Known
		226	1. Hispanic Origin Imputed from Reference Person

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41-42	A-6		MAIN RACIAL BACKGROUND*- Reported (see notation for locations 43-45)
		4,971	01. White
		1,202	02. Black/African American**
		77	03. Indian (American)
		6	04. Eskimo
		5	05. Aleut
		25	06. Chinese
		44	07. Filipino
		8	08. Hawaiian
		35	09. Korean
		22	10. Vietnamese
		11	11. Japanese
		30	12. Asian Indian
		5	13. Samoan
		3	14. Guamanian
		31	15. Other API
		559	16. Other Race
		35	17. Multiple Race
		218	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.

\*\* For convenience, the category 'Black/African American' will be shown as 'Black' in all observed race or race recode locations throughout the documentation.

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IM-5

1995 NHIS IMMUNIZATION PUBLIC USE FILE

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File	Locations	Item No.	Frequency	Item and Codes
	43-45	Recode		RACE RECODES
	43			Recode 1*
			5,770	1. White
			1,206	2. Black
			311	3. Other
				Persons whose Main Racial Background (location 41-42) was "other" or "unknown" were classified in

44			Recode 2	the following recodes by using the racial background observed
by		5,770	1. White	
		1,517	2. Non-white	the interviewer. Use of these recodes is recommended for estimating statistics for the groups shown here.
45			Recode 3	
		1,206	1. Black	
		6,081	2. Non-black	

46-47	A-5		HISPANIC ORIGIN**	
		0	00. Multiple Hispanic	
		231	01. Puerto Rican	
		69	02. Cuban	
		408	03. Mexican-Mexicano	
		1,002	04. Mexican-American	
		32	05. Chicano	
		187	06. Other Latin American	
		184	07. Other Spanish	
		55	08. Spanish, DK type	
		15	09. Unknown if Spanish origin	
		5,104	10. Not Spanish origin	

48	L-7		MARITAL STATUS	
		7,287	0. Under 14 years old	

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.

1 IM-6

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item and Codes
51-52	L-2		EDUCATION OF INDIVIDUAL - COMPLETED YEARS
		1,102	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
37	19.	Unknown
6,144	Blank.	Under 5 years old

53	Recode		EDUCATION OF INDIVIDUAL RECODE
		1,102	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)
		37	7. Unknown
		6,144	Blank. Under 5 years old

54-55	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER (Detail)
		20	00. Never attended; kindergarten only
		1,189	01-11. Grades 1-11
		2,515	12. Grade 12
			College:
		588	13. 1 year
		834	14. 2 years
		293	15. 3 years
		1,036	16. 4 years
		225	17. 5 years
		560	18. 6 years or more
		27	19. Unknown

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IM-7

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item and Codes
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56	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER Recode
		20	0. None; kindergarten only



472	1.	1-8 years (elementary)
717	2.	9-11 years (high school)
2,515	3.	12 years (high school graduate)
1,715	4.	1-3 years (college)
1,036	5.	4 years (college graduate)
785	6.	5+ years (post-college)
27	7.	Unknown

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57	L-8	FAMILY INCOME (\$20,000 or less)	
		2,678	1. Less than \$20,000
		4,460	2. \$20,000 or more
		149	3. Unknown

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58-59	L-8	FAMILY INCOME	
		61	00. Less than \$1,000
		70	01. \$ 1,000 - \$ 1,999
		76	02. 2,000 - 2,999
		87	03. 3,000 - 3,999
		92	04. 4,000 - 4,999
		94	05. 5,000 - 5,999
		111	06. 6,000 - 6,999
		112	07. 7,000 - 7,999
		92	08. 8,000 - 8,999
		134	09. 9,000 - 9,999
		173	10. 10,000 - 10,999
		113	11. 11,000 - 11,999
		182	12. 12,000 - 12,999
		106	13. 13,000 - 13,999
		123	14. 14,000 - 14,999
		148	15. 15,000 - 15,999
		97	16. 16,000 - 16,999
		88	17. 17,000 - 17,999
		144	18. 18,000 - 18,999
		173	19. 19,000 - 19,999
		554	20. 20,000 - 24,999
		531	21. 25,000 - 29,999
		499	22. 30,000 - 34,999
		390	23. 35,000 - 39,999
		377	24. 40,000 - 44,999
		334	25. 45,000 - 49,999
		1,429	26. \$50,000 and over
		897	27. Unknown

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1 IM-8

1995 NHIS IMMUNIZATION PUBLIC USE FILE

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File			
Locations	Item No.	Frequency	Item and Codes

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60	Recode	FAMILY INCOME RECODE
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386	0.	Under \$5,000
205	1.	\$ 5,000 - \$ 6,999
338	2.	7,000 - 9,999
697	3.	10,000 - 14,999
650	4.	15,000 - 19,999
554	5.	20,000 - 24,999
1,030	6.	25,000 - 34,999
1,101	7.	35,000 - 49,999
1,429	8.	\$50,000 or more
897	9.	Unknown

61	Generated		NHIS POVERTY INDEX*
		5,030	1. At or above poverty threshold
		1,688	2. Below poverty threshold
		569	3. Unknown

62-63			FAMILY RELATIONSHIP
62	A-2		Type of Family
		0	&. Primary individual
		0	-. Secondary individual
		7,243	0. Primary family
		44	1-9. Secondary family

\*Based on family size, number of children under 18 years of age and family income using the 1994 poverty levels derived from the August, 1995 Current Population Survey.

1 IM-9

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File	Item No.	Frequency	Item and Codes
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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
		6,436	3. Child of reference person or spouse
		690	4. Grandchild of reference person or spouse
		0	5. Parent of reference person or spouse

148	6. Other relative
13	7. Child of military family with no eligible reference person
0	9. DK or refused

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64	Recode		FAMILY RELATIONSHIP RECODE
		0	1. Living alone
		0	2. Living only with non-relative
		0	3. Living with spouse
		7,287	4. Living with relative - other

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

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67	Generated		SIZE OF FAMILY RECODE
		7,148	1-8. Number of members
		139	9. 9+ members

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1			IM-10
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1995 NHIS IMMUNIZATION PUBLIC USE FILE

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File Locations	Item No.	Frequency	Item and Codes
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68	A-2		PARENT/OTHER ADULT RELATIVE
		4,867	1. Both parents, no other relative
		1,149	2. Mother only
		65	3. Father only
		462	4. Both parents and other 21+ year old adult relative
		573	5. Mother and other 21+ year old adult relative
		38	6. Father and other 21+ year old adult relative
		30	7. No parent, but one 21+ year old adult relative
		94	8. No parent, but two or more 21+ year old adult relatives
		7	9. Unknown
		2	0. Other

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69	-	-	BLANK
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70	G-4		HEALTH STATUS
		3,588	1. Excellent
		2,007	2. Very Good
		1,338	3. Good
		181	4. Fair
		34	5. Poor
		139	6. Unknown

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71	Recode		ACTIVITY LIMITATION STATUS*- (all ages)
		46	1. Unable to perform major activity
		126	2. Limited in kind/amount major activity
		53	3. Limited in other activities
		7,062	4. Not limited (includes unknowns)

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72	-	-	BLANK
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\*This location is used to define limitation of activity in Current Estimates.  
1 IM-11

1995 NHIS IMMUNIZATION PUBLIC USE FILE

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File Locations	Item No.	Frequency	Item and Codes
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73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5 years old)
		5	1. Unable to attend school
		19	2. Attends special school/classes
		7	3. Needs special school/classes
		9	4. Limited in school attendance
		24	5. Limited in other activities
		1,079	6. Not limited (includes unknowns)
		6,144	Blank. Not applicable (Under 5 years old)

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74	B-14		NEEDS HELP WITH PERSONAL CARE (5 years old and limited)
		6	1. Unable to perform personal care needs
		0	2. Limited in performing other routine needs

58	3.	Not limited in performing personal or routine needs
0	4.	Unknown
7,223	Blank.	Not applicable (Under 5 years old or not limited)

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75-79	-	-	BLANK
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80-81	Recode		INDUSTRY RECODE 1
		7,287	97. Under 18 years old

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82-83	Recode		INDUSTRY RECODE 2
		7,287	15. Under 18 years old

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84-86	-	-	BLANK
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87-88	Recode		OCCUPATION RECODE 1
		7,287	97. Under 18 years old

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IM-12

1995 NHIS IMMUNIZATION PUBLIC USE FILE

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File Locations	Item No.	Frequency	Item and Codes
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89-90	Recode		OCCUPATION RECODE 2
		7,287	15. Under 18 years old

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91	L-R		RESPONDENT FOR CORE
		0	1. Self-entirely
		0	2. Self-partly
		7,287	3. Proxy
		0	4. Unknown

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92-97	-	-	BLANK
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98-99	Recode		TOTAL RESTRICTED ACTIVITY DAYS IN PAST TWO WEEKS
		6,523	00. None
		764	01-14. Days
100-101	D-4		BED DAYS IN PAST TWO WEEKS
		6,834	00. None
		453	01-14. Days
102-103	D-2		WORK-LOSS DAYS IN PAST TWO WEEKS
		7,287	00. Under 18 years old
104-105	D-3		SCHOOL-LOSS DAYS IN PAST TWO WEEKS
		7,201	00. None
		86	01-14. Days

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IM-13

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item and Codes
106-107	D-6		OTHER DAYS OF RESTRICTED ACTIVITY IN PAST TWO WEEKS
		6,873	00. None
		414	01-14. Days
108-110	G-2		BED DAYS IN PAST 12 MONTHS
		3,863	000. None
		3,271	001-365. 1-365 days
		153	366. Unknown
111	Recode		BED DAYS IN PAST 12 MONTHS - Recode
		3,863	0. None

2,773	1. 1-7 days
460	2. 8-30 days
37	3. 31-180 days
1	4. 181-365 days
153	5. Unknown

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112-114	G-3		DOCTOR VISITS IN PAST 12 MONTHS
		632	000. None
		6,601	001-996. Visits
		0	997. 997+ visits
		54	998. Unknown

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115	G-3		INTERVAL SINCE LAST DOCTOR VISIT
		13	0. Never
		6,704	1. Less than 1 year
		332	2. 1 to less than 2 years
		72	3. 2 to less than 5 years
		1	4. 5 years or more
		165	5. Unknown

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116-117	Generated	-	NUMBER OF CONDITIONS
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118-119	Generated	-	NUMBER OF ACUTE INCIDENCE CONDITIONS
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1	IM-14
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1995 NHIS IMMUNIZATION PUBLIC USE FILE

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File Locations	Item No.	Frequency	Item and Codes
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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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124-126	Generated	-	SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS
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4,565	2.	1 yr., less than 5 yrs.
896	3.	5 yrs., less than 10 yrs.
0	4.	10 yrs., less than 15 yrs.
0	5.	15 years or more
479	9.	DK refused
185	Blank.	Not applicable (Foreign-born)

145	L-9c		YEARS LIVED IN UNITED STATES
		46	1. Less than 1 year
		122	2. 1 yr., less than 5 yrs.
		13	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
		7,102	Blank. Not applicable (U.S. born)
146	-	-	BLANK
147-150	Recode	-	STRATA FOR VARIANCE ESTIMATION
151	Recode	-	PSU FOR VARIANCE ESTIMATION
152-153	Recode	-	SUBSTRATUM FOR VARIANCE ESTIMATION
154-160	Generated	-	SECONDARY SAMPLING UNIT
1			IM-17

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item and Codes
161	Unit Control File		TYPE OF PSU
		4,921	1. Self representing
		2,366	2. Non self representing
162	Unit Control File		PANEL 4
		7,287	1-4. Code used to identify nationally

representative subsamples.

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163-177	-	-	BLANK
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178	HH-5		SAMPLING QUARTER
		1,958	1. Quarter 1
		1,987	2. Quarter 2
		1,913	3. Quarter 3
		1,429	4. Quarter 4

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179-181	-	-	BLANK
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182	Unit Control File		REGION
		1,391	1. Northeast
		1,530	2. Midwest
		2,391	3. South
		1,975	4. West

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183	Unit Control File		GEOGRAPHIC DISTRIBUTION
			MSA Size
		1,017	1. 5,000,000 or more
		873	2. 2,500,000 - 4,999,999
		1,810	3. 1,000,000 - 2,499,999
		852	4. 500,000 - 999,999
		890	5. 250,000 - 499,999
		556	6. 100,000 - 249,999
		72	7. Under 100,000
		1,217	Blank. Non-MSA

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1 IM-18  
1995 NHIS IMMUNIZATION PUBLIC USE FILE

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File Locations	Item No.	Frequency	Item and Codes
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184-185	-	-	BLANK
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186	Unit Control File		MSA - NON-MSA RESIDENCE
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2,559	1. In MSA; in Central City
3,511	2. In MSA; not in Central City
1,217	3. Not in MSA

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187-200	-	-	BLANK
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201-206	Generated	-	INTERIM ANNUAL BASIC WEIGHT (Before Age-Sex-Race/Ethnicity Poststratification)
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207-212	Generated	-	FINAL ANNUAL BASIC WEIGHT
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213-334	-	-	BLANK
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335	-		SAMPLE CHILD AND OTHER CHILD 19-35 MONTHS
		6,732	1. Sample Child
		555	2. Other Child 19-35 Months

1 IM-19

1995 NHIS IMMUNIZATION PUBLIC USE FILE

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File Locations	Item No.	Frequency	Item and Codes
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336	Recode		DTP SHOT INDICATED ON RECORD
		3,424	1. Yes
		70	2. No
		3	9. DK or refused
		3,790	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
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Columns for DTP/DT Shots 1-8

MONTH		SHOT	MONTH	DAY	YEAR
01.	January		COLUMNS	COLUMNS	COLUMNS
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					
89-95.	1989-1995				
99.	DK or refused				
Blank.	NA-Shot record not available or vaccination not received				

1

IM-20

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item and Codes
385	Recode		POLIO SHOT INDICATED ON RECORD
		3,398	1. Yes
		94	2. No
		5	9. DK or refused
		3,790	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 DAY YEAR
01.	January		COLUMNS COLUMNS COLUMNS
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	7	422-423	424-425	426-427
	or vaccination				
	not received	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

89-95.	1989-1995				
99.	DK or refused				
Blank.	NA-Shot record not available				
	or vaccination not received				

1

IM-21

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item and Codes
434	Recode		MEASLES/MMR SHOT INDICATED ON RECORD
		2,657	1. Yes
		810	2. No
		30	9. DK or refused
		3,790	Blank. NA-Shot record not available or no vaccinations received
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		
	9. DK or refused		
Blank.	NA-Shot record not available or vaccination not received		
		SHOT #	MEASLES/ MMR COLUMNS
			MONTH COLUMNNS
			DAY COLS
			YEAR COLUMNS
		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

01.	January	4	456	457-458	459-460	461-462
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	89-95.	1989-1995
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 vaccina- tion not received

1

IM-22

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item and Codes
463	Recode		HIB SHOT INDICATED ON RECORD
		3,165	1. Yes
		313	2. No
		19	9. DK or refused
		3,790	Blank. NA-Shot record not available or no vaccinations received

464-487	2/14(4)	-	IMMUNIZATIONHIB SHOT TABLE FOR 1-4 SHOTS
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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  
 89-95. 1989-1995  
 99. DK or refused  
 Blank. NA-Shot record not available or vaccination not received

1

IM-23

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item and Codes
488	Recode		HEPATITIS B SHOT INDICATED ON RECORD
		2,086	1. Yes
		1,341	2. No
		70	9. DK or refused
		3,790	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 DAY YEAR
			COLUMNS COLUMNS 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  
 89-95. 1989-1995  
 99. DK or refused  
 Blank. NA-Shot record not available or vaccination not received

1

IM-24

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item and Codes
513	3/15		ALL IMMUNIZATIONS INCLUDED ON SHOT RECORD (according to respondent)*
		3,087	1. Yes
		207	2. No
		241	9. DK or refused
		3,752	Blank. NA-No shot record
514	4/16a		CHILD EVER RECEIVED ADDITIONAL DTP SHOT
		102	1. Yes
		77	2. No
		269	9. DK or refused
		6,839	Blank. NA-Shot record complete or no shot record
515	4/16b		ADDITIONAL DTP SHOTS RECEIVED
		65	1-7. 1-7 Shots



11	8.	All
26	9.	DK or refused
7,185	Blank.	NA-No additional shots, shot record complete or no shot record

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516	5/17a		CHILD EVER RECEIVED ADDITIONAL POLIO SHOT/VACCINE
		85	1. Yes
		87	2. No
		276	9. DK or refused
		6,839	Blank. NA-Shot record complete or no shot record

---

517	5/17b		ADDITIONAL POLIO VACCINE RECEIVED
		54	1-7. 1-7 Vaccines
		12	8. All
		19	9. DK or refused
		7,202	Blank. NA-No additional shots, shot record complete or no shot record

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\* 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.

1 IM-25

1995 NHIS IMMUNIZATION PUBLIC USE FILE

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File Locations	Item No.	Frequency	Item and Codes
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518	6/18a		CHILD EVER RECEIVED ADDITIONAL MEASLES/MMR SHOTS
		78	1. Yes
		95	2. No
		275	9. DK or refused
		6,839	Blank. NA-Shot record complete or no shot record

---

519	6/18b		ADDITIONAL MEASLES/MMR SHOTS RECEIVED
		37	1-7. 1-7 Shots
		14	8. All
		27	9. DK or refused
		7,209	Blank. NA-No additional shots, shot record complete or no shot record

520	7/19a		CHILD EVER RECEIVED ADDITIONAL HIB SHOT
		53	1. Yes
		99	2. No
		296	9. DK or refused
		6,839	Blank. NA-Shot record complete or no shot record
521	7/19b		ADDITIONAL HIB SHOTS RECEIVED
		30	1-7. 1-7 Shots
		10	8. All
		13	9. DK or refused
		7,234	Blank. NA-No additional shots, shot record complete or no shot record
522	8/20a		CHILD EVER RECEIVED ADDITIONAL HEPATITIS B SHOT
		55	1. Yes
		100	2. No
		293	9. DK or refuse
		6,839	Blank. NA-Shot record complete or no shot record
523	8/20b		ADDITIONAL HEPATITIS B SHOTS RECEIVED
		39	1-7. 1-7 Shots
		5	8. All
		11	9. DK or refused
		7,232	Blank. NA-No additional shots, shot record complete or no shot record
1			IM-26
1995 NHIS IMMUNIZATION PUBLIC USE FILE			
File Locations	Item No.	Frequency	Item and Codes
524	9/21		EVER RECEIVED IMMUNIZATION (for children with no shot record)
		3,362	1. Yes
		261	2. No
		129	9. DK or refused
		3,535	Blank. NA-Shot record available

525	10/22a(1)		EVER RECEIVED DTP SHOT
		3,272	1. Yes
		50	2. No
		40	9. DK or refused
		3,925	Blank. NA-DK/not immunized or shot record available

---

526-527	10/22b(1)		TOTAL DTP SHOTS RECEIVED
		770	01-87. 1-87 shots
		1,793	88. All
		709	99. DK or refused
		4,015	Blank. DK/did not receive specific vaccination, DK/not immunized or shot record available

---

528	10/22a(2)		EVER RECEIVED POLIO SHOT/VACCINE
		3,241	1. Yes
		67	2. No
		54	9. DK or refused
		3,925	Blank. NA-DK/not immunized or shot record available

---

529-530	10/22b(2)		TOTAL POLIO SHOTS/VACCINES RECEIVED
		730	01-87. 1-87 Shots
		1,796	88. All
		715	99. DK or refused
		4,046	Blank. NA-DK/did not receive specific vaccination, DK/not immunized or shot record available

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1 IM-27

1995 NHIS IMMUNIZATION PUBLIC USE FILE

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File Locations	Item No.	Frequency	Item and Codes
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531	10/22a(3)		EVER RECEIVED MEASLES/MMR SHOT
		2,932	1. Yes
		252	2. No
		178	9. DK or refused
		3,925	Blank. NA-DK/not immunized

or shot record available

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532-533	10/22b(3)		TOTAL MEASLES/MMR SHOTS RECEIVED
		580	01-87. 1-87 Shots
		1,686	88. All
		666	99. DK or refused
		4,355	Blank. DK/did not receive specific vaccination, DK/not immunized or shot record available

---

534	10/22a(4)		EVER RECEIVED HIB SHOT
		2,508	1. Yes
		279	2. No
		575	9. DK or refused
		3,925	Blank. NA-DK/not immunized or shot record available

---

535-536	10/22b(4)		TOTAL HIB SHOTS RECEIVED
		502	01-87. 1-87 Shots
		1,456	88. All
		550	99. DK or refused
		4,779	Blank. NA-DK/did not receive specific vaccination, DK/not immunized or shot record available

---

537	10/22a(5)		EVER RECEIVED HEPATITIS B SHOT
		2,055	1. Yes
		444	2. No
		863	9. DK or refused
		3,925	Blank. NA-DK/not immunized or shot record available

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1 IM-28  
1995 NHIS IMMUNIZATION PUBLIC USE FILE

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File Locations	Item No.	Frequency	Item and Codes
538-539	10/22b(5)		TOTAL HEPATITIS B SHOTS RECEIVED
		503	01-87. 1-87 Shots

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1,133	88.	All
419	99.	DK or refused
5,232	Blank.	NA-DK/did not receive specific vaccination, DK/not immunized or shot record available

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540	11/23		PERSON WHO TOOK CHILD FOR SHOTS
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5,903	1.	Yes
878	2.	No
85	9.	DK or refused
421	Blank.	NA-DK/not immunized

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541	12/24		HAS CHILD RECEIVED ALL RECOMMENDED SHOTS
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6,375	1.	Yes
324	2.	No
167	9.	DK or refused
421	Blank.	NA-DK/not immunized

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542	-		SOURCE OF VACCINE INFORMATION (recode)
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285	0.	None of 4 vaccine types reported
3,342	1.	Shot record only
155	2.	Shot record and history
3,369	3.	History only
136	9.	DK/refused if received any of 4 vaccine types

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543	-		SOURCE OF DTP/DT INFORMATION (recode)
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392	0.	Vaccine not reported
3,329	1.	Shot record only
95	2.	Shot record and history
773	3.	History only (no. of shots known)
2,506	7.	History only (no. of shots unknown)
192	9.	DK/refused if received vaccine

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1

IM-29

1995 NHIS IMMUNIZATION PUBLIC USE FILE

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File Locations	Item No.	Frequency	Item and Codes
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544	-		SOURCE OF POLIO INFORMATION (recode)
		426	0. Vaccine not reported
		3,324	1. Shot record only
		74	2. Shot record and history
		737	3. History only (no. of vaccines known)
		2,515	7. History only (no. of vaccines unknown)
		211	9. DK/refused if received vaccine

545	-		SOURCE OF MEASLES/MMR INFORMATION (recode)
		1,243	0. Vaccine not reported
		2,625	1. Shot record only
		32	2. Shot record and history
		600	3. History only (no. of shots known)
		2,378	7. History only (no. of shots unknown)
		409	9. DK/refused if received vaccine

546	-		SOURCE OF HIB INFORMATION (recode)
		851	0. Vaccine not reported
		3,121	1. Shot record only
		44	2. Shot record and history
		504	3. History only (no. of shots known)
		2,013	7. History only (no. of shots unknown)
		754	9. DK/refused if received vaccine

547	-		SOURCE OF HEPATITIS B INFORMATION (recode)
		1,994	0. Vaccine not reported
		2,055	1. Shot record only
		31	2. Shot record and history
		518	3. History only (no. of shots known)
		1,561	7. History only (no. of shots unknown)
		1,128	9. DK/refused if received vaccine

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IM-30

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item and Codes
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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	HEP
1	548-549	564-565	580-581	588-589	596-597
2	550-551	566-567	582-583	590-591	598-599
3	552-553	568-569	584-585	592-593	600-601
4	554-555	570-571	586-587	594-595	602-603
5	556-557	572-573			
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.

1 IM-31

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item and Codes
604-605	-		TOTAL NUMBER OF DTP SHOTS RECEIVED (recode)
		584	00. No DTP shots received (includes those unknown if received DTP)
		4,164	01-87. Number of shots
		1,804	88. Number reported as all
		735	99. DK/refused number of shots
606-607	-		TOTAL NUMBER OF POLIO VACCINATIONS RECEIVED (recode)
		637	00. No Polio vaccinations received (includes those unknown if received Polio)
		4,108	01-87. Number of vaccinations
		1,808	88. Number reported as all
		734	99. DK/refused how many vaccinations

608-609	-		TOTAL NUMBER OF MEASLES/MMR SHOTS RECEIVED (recode)
		1,652	00. No MMR shots received (includes those unknown if received MMR)
		3,242	01-87. Number of shots
		1,700	88. Number reported as all
		693	99. DK/refused how many shots

610-611	-		TOTAL NUMBER OF HIB SHOTS RECEIVED (recode)
		1,605	00. No HIB shots received (includes those unknown if received HIB)
		3,653	01-87. Number of shots
		1,466	88. Number reported as all
		563	99. DK/refused how many shots

1

IM-32

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item and Codes
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612-613	-		TOTAL NUMBER OF HEP SHOTS RECEIVED (recode)
		3,122	00. No Hepatitis B shots received (includes those unknown if received Hepatitis B)
		2,597	01-87. Number of shots
		1,138	88. Number reported as all
		430	99. DK/refused how many shots

614	-		TOTAL NUMBER OF DTP SHOTS RECEIVED BEFORE 24 MONTHS FOR CHILDREN 24 MONTHS OF AGE AND OLDER WITH SHOT RECORD COMPLETE (recode)*
		51	0. No/unknown if DTP received before 24 months
		2,153	1-8. Number of shots
		5,083	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)\*

71	0.	No/unknown if polio received before 24 months
2,133	1-8.	Number of vaccinations
5,083	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.)

\*Note: Locations 614-618 apply only to children 24 months and older who have all their information on a shot record (location 542=1).  
 1 IM-33

1995 NHIS IMMUNIZATION PUBLIC USE FILE

File Locations	Item No.	Frequency	Item and Codes
616	-		TOTAL NUMBER OF MEASLES/MMR SHOTS RECEIVED BEFORE 24 MONTHS FOR CHILDREN 24 MONTHS OF AGE OR OLDER WITH SHOT RECORD COMPLETE (recode)*
		314	0. No/unknown if MMR received before 24 months
		1,890	1-4. Number of shots
		5,083	Blank. Child less than 2 years old, no shot record or shot record incomplete
			(Note: Includes only shots received at a known valid age.)
617	-		TOTAL NUMBER OF HIB SHOTS RECEIVED BEFORE 24 MONTHS FOR CHILDREN 24 MONTHS OF AGE OR OLDER WITH SHOT RECORD COMPLETE (recode)*
		247	0. No/unknown if HIB received before 24 months
		1,957	1-4. Number of shots
		5,083	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)*
		1,403	0. No/unknown if HIB received before 24 months
		801	1-4. Number of shots
		5,083	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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\*Note: Locations 614-618 apply only to children 24 months and older who have all their information on a shot record (location 542=1).  
 1 IM-34

1995 NHIS IMMUNIZATION PUBLIC USE FILE

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File Locations	Item No.	Frequency	Item and Codes
619-620	I3/I8		PERSON NUMBER OF RESPONDENT
		7,230	01-28. Respondent's Person Number
		16	98. Active duty military
		29	9. Non-household member
		39	Blank. Unknown

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