1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD PERSON SECTION - PUBLIC USE
13,645 RECORDS

_____

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

_____

RECTYPE   Generated variable
Generated

                            CSTATFLG = 1

                            Sample children 0 - 17

   1-2   Record Type

            13,645   40 Sample Child (SC)

Sources: None
Recodes: None
Keywords: record type
Notes: None

_____

SRVY_YR   Generated variable
Generated

                            CSTATFLG = 1

                            Sample children 0 - 17

   3-6   Survey Year

            13,645   1998   1998

Sources: None
Recodes: None
Keywords: survey year
Notes: None

_____

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD PERSON SECTION - PUBLIC USE
13,645 RECORDS

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

HHX   Generated variable
Generated

                             CSTATFLG = 1

                             Sample children 0 - 17

   7-12   Household Serial Number

Sources: None
Recodes: None
Keywords: household number
Notes: Use this variable to identify individual households.

FMX   Generated variable
Generated

                             CSTATFLG = 1

                             Sample children 0 - 17

   13-14   Family Serial Number

            13,645   01-30   Family number 1-30

Sources: None
Recodes: None
Keywords: family number
Notes: Use this variable in combination with HHX to identify individual
       families.

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

PX   Generated variable
Generated

                            CSTATFLG = 1

                            Sample children 0 - 17

  15-16   Person Number

            13,645   01-30   Person number 1 thru 30

Sources: None
Recodes: None
Keywords: person number
Notes: Use this variable in combination with HHX and FMX to identify
       individual persons.

CSRESPNO   Enter the person number of the respondent
CID.020

                            CSTATFLG = 1

                            Sample children 0 - 17

  17-18   Sample child respondent's person number

            13,643   01-30   Person number (of respondent)
                 2   99   Unknown

Sources: None
Recodes: None
Keywords: respondent person number
Notes: None

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CSRELTIV   What is {CRESPNO name}'s relationship to {child
                             name}?

CID.050

                             CSTATFLG = 1

                             Sample Children <18 years

   19-20   Person's relationship to child

        12,620   01 Parent (Biological, adoptive, or step)
           594   02 Grandparent
           114   03 Aunt/Uncle
           172   04 Brother/Sister
            44   05 Other relative
            30   06 Legal guardian
            38   07 Foster parent
            29   08 Other non-relative
             2   97 Refused
             0   98 Not ascertained
             2   99 Don't know

Sources: None
Recodes: None
Keywords: relationship
Notes: None

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD PERSON SECTION - PUBLIC USE
13,645 RECORDS

_____

Variable Name		Question	Date last modified 06/01/00
Question No.		Variable Universe	
		Universe Description	
Location		Variable Label	
	Freq.	Value / Value Labels	

_____

INTV_QRT   Generated variable
Generated

                                CSTATFLG = 1

                                Sample children 0 - 17

  21   Interview Quarter

              2,984   1 Quarter 1
              3,678   2 Quarter 2
              3,549   3 Quarter 3
              3,434   4 Quarter 4

Sources: None
Recodes: None
Keywords: interview quarter
Notes: None

_____

SEX   (If not apparent) Is {Person} male or female?
HHC.110

                                CSTATFLG = 1

                                Sample children 0 - 17

  22   Sex

              7,028   1 Male
              6,617   2 Female

Sources: None
Recodes: None
Keywords: None
Notes: None

_____

_____

Variable Name		Question	Date last modified 06/01/00
Question No.		Variable Universe	
		Universe Description	
Location		Variable Label	
	Freq.	Value / Value Labels	

_____

AGE_P   Recode
HHC Recode

                           CSTATFLG = 1

                           Sample children 0 - 17

   23-24   Age

              837   00   Under 1 year
           12,808   01-17 1-17 years

Sources: AGE
Recodes: None
Keywords: age
Notes: In most cases, data on age came from HHC.120. Because age is an
       important variable for instrument check items and in developing the
       weights, all respondents must have data on age. A series of questions
       in the instrument from HHC.124 through HHC.165 attempted to collect
       data on age when age was not given in HHC.120.

_____

R_AGE1   Recode
HHC Recode

                           CSTATFLG = 1

                           Sample children 0 - 17

   25   Age Recode #1

            4,081   1 Under 5 years
            9,564   2 5-17 years

Sources: AGE
Recodes: None
Keywords: age recode
Notes: None

_____

_____

Variable Name		Question	Date last modified 06/01/00
Question No.		Variable Universe	
		Universe Description	
Location		Variable Label	
	Freq.	Value / Value Labels	

_____

R_AGE2   Recode
HHC Recode

                              CSTATFLG = 1

                              Sample children 0 - 17

 26   Age Recode #2

              4,814   1 Under 6 years
              8,024   2 6-16 years
                807   3 17 years

Sources: AGE
Recodes: None
Keywords: age recode
Notes: None

_____

ORIGIN   Do any of these groups represent {Person}'s
                              national origin or ancestry?
HHC.170

                              CSTATFLG = 1

                              Sample children 0 - 17

 27   Hispanic Ethnicity

              3,639   1 Yes
              9,994   2 No
                  4   7 Refused
                  2   8 Not ascertained
                  6   9 Don't know

Sources: None
Recodes: HISPANIC
Keywords: ethnicity; national origin; ancestry
Notes: This variable contains edited data from NATOR (HHC.170).

_____

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

HISPAN_P   Please give me the number of the (national origin)
                           group.
HHC Recode

                           CSTATFLG = 1

                           Sample children 0 - 17

  28-29   Hispanic subgroup detail

             107   00   Multiple Hispanic
             342   01   Puerto Rican
             575   03   Mexican-Mexicano
           1,374   04   Mexican-American (includes Chicano)
             119   05   Cuban/Cuban-American
             303   06   Other Latin American
              42   07   Other Spanish
             746   08   Hispanic/Spanish, non-specific type
               4   09   Hispanic/Spanish, type refused
               4   10   Hispanic/Spanish, type not ascertained
              23   11   Hispanic/Spanish, type don't know
          10,006   12   Not Hispanic/Spanish origin

Sources: HISPANIC
Recodes: None
Keywords: ethnicity; national origin; ancestry
Notes: "Other-specify" responses were assigned to specific groups where
       possible. Respondents who selected the generic "Hispanic/Spanish"
       response category were assigned "08", and in cases where the respondent
       refused to answer Hispanic origin or didn't know it, this variable was
       assigned "09" and "11", respectively. When Hispanic origin was not
       ascertained, this variable was assigned "10". In cases where
       "Other-specify" responses were determined to be non-Hispanic, this
       variable was assigned "12" for not Hispanic/Spanish origin, and ORIGIN
       was back coded to "2" or "No" (no group represented respondent's
       national origin). Respondents coded as "12" answered 2,7,8, or 9 in
       ORIGIN. Data came from HHC.170 & HHC.180.

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

MRACE_P   Recode
HHC Recode

                            CSTATFLG = 1

                            Sample children 0 - 17

   30-31   Race coded to a single race group

            10,103   01   White
             2,187   02   Black/African American
               122   03   Indian (American) (includes Eskimo, Aleut)
                80   06   Chinese
                85   07   Filipino
                72   12   Asian Indian
               174   15   Other API*
               677   16   Other race
               101   17   Multiple race
                13   97   Refused
                 2   98   Not ascertained
                29   99   Don't know

Sources: MAINRACE
Recodes: None
Keywords: race
Notes: * Asian Pacific Islander - this category includes the following:
    Korean, Vietnamese, Japanese, Hawaiian, Samoan, Guamanian, and other
    API. Data came from HHC.200 and HHC.220. Where there was only one
    race given, that answer was copied from RACE1 to here. Those
    respondents with more than one race mentioned had their response copied
    from MULTRAC (HHC.220). For those respondents who indicated more than
    one race, but did not select a main race (see MULTRAC), they were
    assigned "17" or "Multiple race". Respondents who indicated a verbatim
    response of non-specific multiracial heritage (e.g.: multiracial,
    biracial, Mestizo, Mulatto, etc.) were also coded "17" or "Multiple
    race".

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

RACEREC   Recode
HHC Recode

                                CSTATFLG = 1

                                Sample children 0 - 17

  32   Race Recode

            10,167   1 White
             2,216   2 Black
             1,262   3 Other

Sources: MAINRACE; MULTRAC; RACE1; RACE2; RACE3; RACE4; RACE5; HISPANIC
Recodes: None
Keywords: race recode
Notes: None

RACE   Recode of full detail race groups
HHC Recode

                                CSTATFLG = 1

                                Sample children 0 - 17

  33   OMB groups w/multiple race

             9,980   1 White
             2,127   2 Black
               103   3 AIAN*
               388   4 API*
               676   5 Other
               327   6 Multiple race
                13   7 Refused
                 2   8 Not ascertained
                29   9 Don't know

Sources: RACEFULL
Recodes: None
Keywords: race
Notes: * AIAN is American Indian/Alaskan Native; API is Asian Pacific
      Islander. This recode contains detail for the 4 OMB race groups,
      "Other" race, and a single multiple race category; detailed subgroups
      have been collapsed into a single category. This recode does not
      include the information provided in MULTRAC (HHC.220) for multiple
      race mentions (the "main" race). Subgroups included in the categories
      "AIAN" and "API" can be found by crossing this variable with MRACE_P.

Variable Name		Question	Date last modified 06/01/00
Question No.		Variable Universe	
		Universe Description	
Location		Variable Label	
	Freq.	Value / Value Labels	

HISPCODE   Recode
HHC Recode

CSTATFLG = 1

Sample children 0 - 17

34   Combined race/ethnicity recode

3,639	1	Hispanic
7,343	2	Non-Hispanic White
2,141	3	Non-Hispanic Black
522	4	Non-Hispanic Other

Sources: ORIGIN; RACEREC
Recodes: None
Keywords: race, ethnicity, national origin
Notes: None

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

RRP   What is {Person}'s relationship to {(household)
                           reference person}?

HHC.260

                           AGE = ALL

                           All persons

  35-36   Relationship to HH reference person

                8   01 Household reference person
                0   02 Spouse (husband/wife)
                0   03 Unmarried Partner
           12,313   04 Child (biological/adoptive/in-law/step/foster)
               97   05 Child of partner
              847   06 Grandchild
                0   07 Parent (bio./adoptive/in-law/step/foster)
              106   08 Brother/sister (bio./adop./in-law/step/foster)
                0   09 Grandparent (Grandmother/Grandfather)
                0   10 Aunt/Uncle
              154   11 Niece/Nephew
               69   12 Other relative
               16   13 Housemate/roommate
                5   14 Roomer/Boarder
               12   15 Other nonrelative
               10   16 Legal guardian
                2   17 Ward
                4   97 Refused
                2   99 Don't know

Sources: None
Recodes: None
Keywords: relationship; reference person
Notes: None

_____

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

_____

HH_REF   Generated variable
Generated

                           AGE = ALL

                           All persons

  37-38   Person # of HH reference person

            13,637   01-30 Person number 1 thru 30
                 8   98   Not ascertained

Sources: None
Recodes: None
Keywords: None
Notes: This variable contains the household reference person's number (PX).
_____

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

FRRP   What is {Person}'s relationship to {(family)
                             reference person}?

FID.060

                             AGE = ALL

                             All persons

  39-40   Rel to family ref person

              8   01 Family reference person
              0   02 Spouse (husband/wife)
              0   03 Unmarried Partner
         12,345   04 Child (biological/adoptive/in-law/step/foster)
             98   05 Child of partner
            847   06 Grandchild
              0   07 Parent (bio./adoptive/in-law/step/foster)
            106   08 Brother/sister (bio./adop./in-law/step/foster)
              0   09 Grandparent (Grandmother/Grandfather)
              0   10 Aunt/Uncle
            154   11 Niece/Nephew
             69   12 Other relative
              0   13 Housemate/roommate
              0   14 Roomer/Boarder
              0   15 Other nonrelative
             10   16 Legal guardian
              2   17 Ward
              4   97 Refused
              2   99 Don't know

Sources: None
Recodes: None
Keywords: relationship; reference person
Notes: None

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

FM_REF   Generated variable
Generated

                         AGE = ALL

                         All persons

41-42   Person # of family reference person

        13,645   01-30 Person number 1 thru 30
                         98   Not ascertained

Sources: None
Recodes: None
Keywords: None
Notes: This variable contains the family reference person's number (PX).

MOTHER   Is {subject's name's} mother a household member?
                         (Include mother-in-law)
HHC.530
                         CSTATFLG = 1

                         Sample children 0 - 17

43-44   Mother's person number

          910   00   No mother in household
       12,716   01-30 Person number (of mother)
            3   96   Has legal guardian
            0   97   Refused
           14   98   Not ascertained
            2   99   Don't know

Sources: None
Recodes: None
Keywords: mother; mother-in-law
Notes: Modified valid code check

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

MOM_DEG   Recode
FID Recode

                             AGE = ALL and MOTHER = 01-30, 97-99

                             All persons living with Mother in household

  45   Type of relationship with Mother

            12,205   1 Biological
               172   2 Step
               147   3 Adoptive
                49   4 Foster
                 7   5 In-law
                 2   7 Refused
               148   8 Not ascertained
                 2   9 Don't know
               913   <Blank: Not in Universe>

Sources: DEGREE1; DEGREE2; DEGREE5; DEGREE6; MOTHER
Recodes: None
Keywords: mother; parent; biological mother; adoptive mother; foster mother;
          step mother; mother-in-law
Notes: None

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

FATHER

HHC.550

Is {subject's name's} father a household member?
(Include father -in-law)

CSTATFLG = 1

Sample children 0 - 17

46-47   Father's person number

3,725	00	No father in household
9,898	01-30	Person number (of father)
2	96	Has legal guardian
1	97	Refused
15	98	Not ascertained
4	99	Don't know

Sources: None
Recodes: None
Keywords: father; father-in-law
Notes: Modified valid code check

DAD_DEG
FID Recode

Recode

AGE = ALL and FATHER = 01-30, 97-99

All persons living with Father in household

48   Type of relationship with Father

8,747	1	Biological
196	2	Step
770	3	Adoptive
47	4	Foster
3	5	In-law
4	7	Refused
145	8	Not ascertained
6	9	Don't know
3,727	<Blank: Not in Universe>	

Sources: DEGREE1; DEGREE2; DEGREE5; DEGREE6; FATHER
Recodes: None
Keywords: father; parent; biological father; adoptive father; foster father;
          step father; father-in-law
Notes: None

Variable Name		Question	Date last modified 06/01/00
Question No.		Variable Universe	
		Universe Description	
Location		Variable Label	
	Freq.	Value / Value Labels	

PARENTS   Recode
HHC Recode

                            CSTATFLG = 1

                            Sample children 0 - 17

  49   Parent(s) present in the family

            3,297   1 Mother, no father
              479   2 Father, no mother
            9,419   3 Mother and father
              429   4 Neither mother nor father
               21   9 Unknown

Sources: MOTHER, FATHER
Recodes: None
Keywords: father; mother; parents
Notes: Mother and father can include biological, adoptive, step, and foster
       relationships. This recode does not classify legal guardians as
       parents. The category "Unknown" includes all Refused, Don't know, or
       not ascertained responses. In 1997, this category was indicated with
       an "8".

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

GUARD

Probe as necessary and enter the line number of {px- name's} guardian. If the guardian is not a household member, enter "00".

FID.360

AGE lt 90 years and MOTHER = 96 or FATHER = 96

All persons less than 90 years with a legal guardian (instead of parent) present in household

50-51   Person number of guardian

Freq.	Value	Value Labels
0	00	Guardian is not a household member
5	01-30	Person number of guardian
0	97	Refused
0	98	Not ascertained
0	99	Don't know
13,640		<Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: guardian
Notes: Valid code check.

_____

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

_____

FM_SIZE   Generated variable
Generated

                             AGE = ALL

                             All persons

  52-53   Number of persons in family

           13,645   01-30   Number of persons

Sources: None
Recodes: None
Keywords: family size
Notes: None

_____

FM_TYPE   Recode
Recode

                             AGE = ALL

                             All persons

  54   Family Type (on the person-level)

               0   1 One adult, no child(ren) under 18
               0   2 Multiple adults, no child(ren) under 18
           2,447   3 One adult, 1+ child(ren) under 18
          11,198   4 Multiple adults, 1+ child(ren) under 18
               0   9 Unknown

Sources: AGE; FM_SIZE
Recodes: FM_STRUC
Keywords: family type; living arrangements
Notes: This is a family level variable that is attached to each family
       member's record. Regarding the family structure variables, emancipated
       minors are treated as adults regardless of their age. See the Survey
       Description Document for more information.

_____

Variable Name		Question	Date last modified 06/01/00
Question No.		Variable Universe	
		Universe Description	
Location		Variable Label	
	Freq.	Value / Value Labels	

FM_STRCP   Recode
Recode

                                AGE = ALL

                                All persons

  55-56   Family Structure (on the person-level)

                                See Family Stucture - PU Appendix for values
                                See Family Structure - PU Appendix for value label

Sources: FM_TYPE; MOTHER; FATHER; FDEGREE1-FDEGREE3; DEGREE1-DEGREE5; RRP
Recodes: None
Keywords: family structure; parent; single parent; step parent; unmarried;
        cohabiting; same-sex
Notes: This is essentially a family level variable that is attached to each
      family member's record. Categories 11 and 12 are based on FM_TYPE=1;
      21-23 are based on FM_TYPE=2; 31-33 are based on FM_TYPE=3; and 41-45
      are based on FM_TYPE = 4. Families that could not be classified are
      coded "99". Regarding the family structure variables, emancipated
      minors are treated as adults regardless of their age. See the Survey
      Description Document for more information.

_____

Variable Name   Question   Date last modified 06/01/00
Question No.   Variable Universe
                           Universe Description
Location   Variable Label
                  Freq.   Value / Value Labels

_____

EDUC   What is the HIGHEST level of school {person}
                           {have/has} completed or the highest degree
                           {person} {have/has} received? Please tell me the
                           number from the card. Enter highest level of
                           school:
FSD.010

                           CSTATFLG = 1

                           Sample children 0 - 17

  57-58   Highest level of school completed

                1,482   00   Never attended/ kindergarten only
                7,856   01-11 Grades 1 - 11
                   58   12   12th grade, no diploma
                   56   13   HIGH SCHOOL GRADUATE
                    9   14   GED or equivalent
                   10   15   Some college, no degree
                    0   16   AA degree: technical or vocational
                    0   17   AA degree: academic program
                    0   18   Bachelor's degree (BA, AB, BS, BBA)
                    0   19   Master's degree (MA, MS, MEng, MEd, MBA)
                    0   20   Professional degree (MD, DDS, DVM, JD)
                    0   21   Doctoral degree (PhD, EdD)
                4,081   96   Child under 5 years old
                   42   97   Refused
                   26   98   Not Ascertained
                   25   99   Don't know

Sources: None
Recodes: None
Keywords: education; level of education completed
Notes: A consistency check between age and years of education was carried out
       for respondents aged 5-17. Unlikely education values [eg. a 17
       year-old with a college degree) were reclassified as "Not ascertained."
_____

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD PERSON SECTION - PUBLIC USE
13,645 RECORDS

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

MOM_ED   Recode
Recode

                         AGE lt 18

                         All persons aged 17 or younger

  59-60   Education of Mother

          973   01 Less/equal to 8th grade
        1,534   02 9-12th grade, no high school diploma
        3,689   03 High school graduate/GED recipient
        2,452   04 Some college, no degree
          874   05 AA degree, technical or vocational
          494   06 AA degree, academic program
        1,824   07 Bachelor's degree
          739   08 Master's, professional, or doctoral degree
           62   97 Refused
          930   98 Not ascertained
           74   99 Don't know
            0   <Blank: Not in Universe>

Sources: EDUC; MOTHER
Recodes: None
Keywords: mother; step-mother; mother figure; education
Notes: All persons 17 years and younger receive a code on this variable. If a
      mother was present in the household (i.e., MOTHER is equivalent to a
      valid person number), then MOM_ED equals the mother's value on EDUC.
      All other values on MOTHER (00, 96-99) result in a code of 98 on
      MOM_ED.

Variable Name		Question	Date last modified 06/01/00
Question No.		Variable Universe	
		Universe Description	
Location		Variable Label	
	Freq.	Value / Value Labels	

DAD_ED   Recode
Recode

                                AGE lt 18

                                All persons aged 17 or younger

61-62   Education of Father

819	01	Less/equal to 8th grade
1,081	02	9-12th grade, no high school diploma
2,808	03	High school graduate/GED recipient
1,655	04	Some college, no degree
629	05	AA degree, technical or vocational
241	06	AA degree, academic program
1,584	07	Bachelor's degree
929	08	Master's, professional, or doctoral degree
56	97	Refused
3,747	98	Not ascertained
96	99	Don't know
0		<Blank: Not in Universe>

Sources: EDUC; FATHER
Recodes: None
Keywords: father; step-father; father figure; education
Notes: All persons 17 years and younger receive a code on this variable. If a
       father was present in the household (i.e., FATHER is equivalent to a
       valid person number), then DAD_ED equals the father's value on EDUC.
       All other values on FATHER (00, 96-99) result in a code of 98 on
       DAD_ED.

Variable Name		Question	Date last modified 06/01/00
Question No.		Variable Universe	
		Universe Description	
Location		Variable Label	
	Freq.	Value / Value Labels	

AB_BL20K   Recode
FIN Recode

                           CSTATFLG = 1

                           Sample children 0 - 17

  63-64   Fam inc at/above vs. below $20,000

            9,808   01 $20,000 or more
            3,189   02 Less than $20,000
              351   97 Refused
                0   98 Not ascertained
              297   99 Don't know

Sources: FAMINC; FINC20; FINCCAT
Recodes: INCGRP
Keywords: income; poverty
Notes: The family's value for this variable is assigned to each member of the
       family, thus making it a person-level variable.

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

RAT_CAT   Recode
FIN Recode

                            CSTATFLG = 1

                            Sample children 0 - 17

  65-66   Ratio of fam inc to poverty threshold

                768   01 Under .50
                598   02 .50 to .74
                621   03 .75 to .99
                672   04 1.00 to 1.24
                573   05 1.25 to 1.49
                590   06 1.50 to 1.74
                623   07 1.75 to 1.99
              1,126   08 2.00 to 2.49
                908   09 2.50 to 2.99
                880   10 3.00 to 3.49
                786   11 3.50 to 3.99
                545   12 4.00 to 4.49
                516   13 4.50 to 4.99
              1,753   14 5.00 and over
                  2   96 Undefinable
              2,684   99 Unknown

Sources: FAMINC; FINC20; FINCCAT; FM_SIZE; NUM_KIDS
Recodes: INCGRP
Keywords: income; poverty
Notes: The family's value for this variable is assigned to each member of the
       family, thus making it a person-level variable. The "Undefinable"
       cases consist of families where the number of children under age 18 in
       the family is equivalent to the number of family members. Published
       1997 poverty thresholds from the Census Bureau are used in these
       calculations.

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD PERSON SECTION - PUBLIC USE
13,645 RECORDS

Variable Name		Question	Date last modified 06/01/00
Question No.		Variable Universe	
		Universe Description	
Location		Variable Label	
	Freq.	Value / Value Labels	

REGION
UCF

ALL

All records

67   Region

2,466	1 Northeast
2,911	2 Midwest
4,819	3 South
3,449	4 West

Sources: None
Recodes: None
Keywords: united states; region
Notes: Data from Unit Control File.

MSASIZEP   Recode
UCF Recode

ALL

All records

68   Geographic Distribution - MSA size

1,769	1 5,000,000 or more
1,722	2 2,500,000 - 4,999,999
3,336	3 1,000,000 - 2,499,999
1,567	4 500,000 - 999,999
1,534	5 250,000 - 499,999
1,102	6 Under 250,000
2,615	7 Non-MSA

Sources: MSA_SIZE
Recodes: None
Keywords: msa size
Notes: Data from Unit Control File.

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

WTIA_SC   Generated variable
Generated

                                 CSTATFLG = 1

                                 Sample children 0 - 17

  69-74   Weight - Interim Annual

Sources: None
Recodes: None
Keywords: interim weight
Notes: Format of data has an implied decimal (XXXXX.X). This weight does not
       include post-stratification adjustments (age, race/ethnicity, sex) to
       the civilian, non-institutionalized U.S. population of children (age 0
       - 17) using Census population controls.

WTFA_SC   Generated variable
Generated

                                 CSTATFLG = 1

                                 Sample children 0 - 17

  75-80   Weight - Final Annual

Sources: None
Recodes: None
Keywords: final weight; annual; person weight
Notes: This weight should be used for most analyses at the person level when
       using a full year of data. This weight includes post-stratification
       adjustments (age, race/ethnicity, sex) using Census population
       controls. The sum of these weights is equal to the 1998 civilian,
       non-institutionalized U.S. population of children age 0 - 17.

Variable Name   Question   Date last modified 06/01/00
Question No.   Variable Universe
                               Universe Description
Location   Variable Label
                  Freq.   Value / Value Labels

STRATUM   Generated variable
Generated
                               ALL

                               All records

  81-83   Stratum for variance estimation

Sources: None
Recodes: None
Keywords: variance estimation
Notes: Variable used in variance estimation; consult appendix on variance
       estimation using NHIS data for specific information.

PSU   Generated variable
Generated
                               ALL

                               All records

  84   PSU for variance estimation

Sources: None
Recodes: None
Keywords: variance estimation
Notes: Variable used in variance estimation; consult appendix on variance
       estimation using NHIS data for specific information.

Variable Name	Question	Date last modified 06/01/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

DUMMY_CP   Generated variable
Generated

                                ALL

                                All Records

  85   Dummy Record Flag for Prevention Child

            35   1 Dummy record
        13,610   0 Not a dummy record

Sources: None
Recodes: None
Keywords: prevention dummy record flag
Notes: This field indicates which records on the Sample Child Prevention File
      are dummy records.

_____

Variable Name   Question   Date last modified 10/11/00
Question No.   Variable Universe
                         Universe Description
Location   Variable Label
               Freq.   Value / Value Labels
_____

BWGTLB   What was - - birth weight?
CHS.010

                         CSTATFLG = 1 and AGE <18

                         Sample Children <18

  86-87   Birth weight (lb)

            12,785   01-15 1-15 pounds
                44   97   Refused
                 0   98   Not ascertained
               816   99   Don't know

Sources: None
Recodes: None
Keywords: birth weight; pounds
Notes: Can be combined with BWGTOZ for full birth weight
_____

BWGTOZ   What was - - birth weight?
CHS.010

                         CSTATFLG = 1 and AGE <18

                         Sample Children <18

  88-89   Birth weight (oz)

            12,785   00-15 00-15 ounces
                44   97   Refused
                 0   98   Not ascertained
               816   99   Don't know

Sources: None
Recodes: None
Keywords: birth weight; ounces
Notes: Can be combined with BWGTLB for full birth weight
_____

```
                          CHS - 2
          1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH STATUS AND LIMITATION OF ACTIVITY - PUBLIC USE
                     13,645 RECORDS
```

```
_____
Variable Name           Question          Date last modified 10/11/00
Question No.            Variable Universe
                        Universe Description
Location               Variable Label
              Freq.     Value / Value Labels
_____
BWGTMGR                What was - - birth weight?
CHS.010

                       CSTATFLG = 1, AGE <18 and BWGT_LB = M

                       Sample Children <18

  90-93                Birth weight (grams)

                4      0500       500 grams or less
           12,766      0501-5484  501-5484 grams
               15      5485       5485+ grams
               44      9997       Refused
                0      9998       Not ascertained
              816      9999       Don't know

Sources: None
Recodes: None
Keywords: birth weight; grams
Notes: None
_____
AMR1                   Has a doctor or health professional ever told you
                       that - - had:  Mental Retardation?
CHS.031
                       CSTATFLG = 1 and AGE <2

                       Sample Children <2

  94                   Told - - had mental retardation

                1      1  Yes
            1,737      2  No
                0      7  Refused
                2      8  Not ascertained
                1      9  Don't know
           11,904      <Blank:  Not in Universe>

Sources: None
Recodes: None
Keywords: mental retardation; developmental delay
Notes: None
_____
```

_____

Variable Name   Question   Date last modified 10/11/00
Question No.   Variable Universe
                           Universe Description
Location   Variable Label
              Freq.   Value / Value Labels

_____

AODD1   Has a doctor or health professional ever told you
                           that - - had: Any other developmental delay?
CHS.031
                           CSTATFLG = 1 and AGE <2

                           Sample Children <2

  95   Told - - had otr dev delay

              22   1 Yes
           1,713   2 No
               0   7 Refused
               2   8 Not ascertained
               4   9 Don't know
          11,904   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: developmental delay
Notes: None

_____

ADD2   Has a doctor or health professional ever told you
                           that - - had Attention Deficit Disorder (ADD)?
CHS.032
                           CSTATFLG = 1 and AGE = 2-17

                           Sample Children ages 2-17

  96   Ever told - - had ADD

             630   1 Yes
          11,243   2 No
               4   7 Refused
               1   8 Not ascertained
              26   9 Don't know
           1,741   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: attention deficit disorder; add; adhd; hyperactivity
Notes: None

_____

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

AMR2   Has a doctor or health professional ever told you
                            that - - had mental retardation?
CHS.032
                            CSTATFLG = 1 and AGE = 2-17

                            Sample Children ages 2-17

  97   Ever told - - had mental retardation

            86   1 Yes
        11,802   2 No
             2   7 Refused
             1   8 Not ascertained
            13   9 Don't know
         1,741   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: mental retardation; developmental delay
Notes: None

AODD2   Has a doctor or health professional ever told you
                            that - - had any other developmental delay?
CHS.032
                            CSTATFLG = 1 and AGE = 2-17

                            Sample Children ages 2-17

  98   Ever told - - had otr dev delay

           369   1 Yes
        11,513   2 No
             2   7 Refused
             1   8 Not ascertained
            19   9 Don't know
         1,741   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: developmental delay
Notes: None

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CONDL1

Has a doctor or health professional ever told you
that - - had ..... Down's Syndrome?

CHS.060

CSTATFLG = 1 and AGE <18

Sample Children <18

99   Ever told - - had Down's Syndrome

Freq.	Value	Label
19	1	Mentioned
13,617	2	Not mentioned
0	7	Refused
1	8	Not ascertained
8	9	Don't know

Sources: None
Recodes: None
Keywords: down's syndrome; mental retardation
Notes: See CRQ for original question format

CONDL2

Has a doctor or health professional ever told you
that - - had ..... Cerebral Palsy?

CHS.060

CSTATFLG = 1 and AGE <18

Sample Children <18

100   Ever told - - had Celebral Palsy

Freq.	Value	Label
51	1	Mentioned
13,585	2	Not mentioned
0	7	Refused
1	8	Not ascertained
8	9	Don't know

Sources: None
Recodes: None
Keywords: cerebral palsy; developmental delay
Notes: See CRQ for original question format

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CONDL3   Has a doctor or health professional ever told you
                                that - - had ..... Muscular Dystrophy?

CHS.060
                                CSTATFLG = 1 and AGE <18

                                Sample Children <18

 101   Ever told - - had Muscular Dystrophy

              7   1 Mentioned
         13,629   2 Not mentioned
              0   7 Refused
              1   8 Not ascertained
              8   9 Don't know

Sources: None
Recodes: None
Keywords: muscular dystrophy
Notes: See CRQ for original question format

CONDL4   Has a doctor or health professional ever told you
                                that - - had ..... Cystic Fibrosis?

CHS.060
                                CSTATFLG = 1 and AGE <18

                                Sample Children <18

 102   Ever told - - had Cystic Fibrosis

              5   1 Mentioned
         13,631   2 Not mentioned
              0   7 Refused
              1   8 Not ascertained
              8   9 Don't know

Sources: None
Recodes: None
Keywords: cystic fibrosis
Notes: See CRQ for original question format

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CONDL5   Has a doctor or health professional ever told you
                              that - - had ..... Sickle Cell anemia?
CHS.060
                              CSTATFLG = 1 and AGE <18

                              Sample Children <18

 103   Ever told - - had Sickle Cell anemia

                27   1 Mentioned
            13,609   2 Not mentioned
                 0   7 Refused
                 1   8 Not ascertained
                 8   9 Don't know

Sources: None
Recodes: None
Keywords: sickle cell anemia
Notes: See CRQ for original question format

CONDL6   Has a doctor or health professional ever told you
                              that - - had ..... Autism?
CHS.060
                              CSTATFLG = 1 and AGE <18

                              Sample Children <18

 104   Ever told - - had Autism

                30   1 Mentioned
            13,606   2 Not mentioned
                 0   7 Refused
                 1   8 Not ascertained
                 8   9 Don't know

Sources: None
Recodes: None
Keywords: autism
Notes: See CRQ for original question format

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH STATUS AND LIMITATION OF ACTIVITY - PUBLIC USE
13,645 RECORDS

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CONDL7   Has a doctor or health professional ever told you
                           that - - had ..... Diabetes?

CHS.060

                           CSTATFLG = 1 and AGE <18

                           Sample Children <18

 105   Ever told - - had Diabetes

            19   1 Mentioned
        13,617   2 Not mentioned
             0   7 Refused
             1   8 Not ascertained
             8   9 Don't know

Sources: None
Recodes: None
Keywords: chronic conditions; diabetes; sugar
Notes: See CRQ for original question format

CONDL8   Has a doctor or health professional ever told you
                           that - - had ..... Arthritis?

CHS.060

                           CSTATFLG = 1 and AGE <18

                           Sample Children <18

 106   Ever told - - had Arthritis

            24   1 Mentioned
        13,612   2 Not mentioned
             0   7 Refused
             1   8 Not ascertained
             8   9 Don't know

Sources: None
Recodes: None
Keywords: chronic conditions; arthritis
Notes: See CRQ for original question format

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CONDL9   Has a doctor or health professional ever told you
                                that - - had ..... Congenital heart disease?
CHS.060

                                CSTATFLG = 1 and AGE <18

                                Sample Children <18

 107   Ever told - - had Congentl heart disease

              34   1 Mentioned
          13,602   2 Not mentioned
               0   7 Refused
               1   8 Not ascertained
               8   9 Don't know

Sources: None
Recodes: None
Keywords: chronic conditions; congenital heart disease
Notes: See CRQ for original question format

CONDL10   Has a doctor or health professional ever told you
                                that - - had ..... Other heart condition?
CHS.060

                                CSTATFLG = 1 and AGE <18

                                Sample Children <18

 108   Ever told - - had otr heart cond

             153   1 Mentioned
          13,483   2 Not mentioned
               0   7 Refused
               1   8 Not ascertained
               8   9 Don't know

Sources: None
Recodes: None
Keywords: chronic conditions; other heart condition
Notes: See CRQ for original question format

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CPOX   Has - - EVER had chickenpox?
CHS.070

                              CSTATFLG = 1 and AGE <18

                              Sample Children <18

 109   Has - - EVER had chickenpox?

              7,974   1 Yes
              5,436   2 No
                  2   7 Refused
                  1   8 Not ascertained
                232   9 Don't know

Sources: None
Recodes: None
Keywords: chicken pox; acute condition
Notes: None

CASHMEV   Has a doctor or other health professional EVER
                              told you that - - had asthma?
CHS.080

                              CSTATFLG = 1 and AGE <18

                              Sample Children <18

 110   Ever been told that - - had asthma

              1,629   1 Yes
             11,984   2 No
                  1   7 Refused
                  1   8 Not ascertained
                 30   9 Don't know

Sources: None
Recodes: None
Keywords: asthma; respiratory condition
Notes: None

```
Variable Name              Question              Date last modified 10/11/00
Question No.               Variable Universe
                           Universe Description
Location                   Variable Label
                  Freq.    Value / Value Labels
```

CASHYR   During the past 12 months, has - - had an episode
                           of asthma or an asthma attack?
CHS.090
                           CSTATFLG = 1, AGE <18 and CASHMEV = 1

                           Sample children <18 who ever had asthma

 111   Has - - had an asthma episode past 12 m

                  740   1 Yes
                  884   2 No
                    0   7 Refused
                    0   8 Not ascertained
                    5   9 Don't know
               12,016   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: asthma episode; asthma attack; asthma; respiratory condition
Notes: None

CASMERYR   During the past 12 months, did - - have to visit
                           an emergency room or urgent care center because of
                           asthma?
CHS.100
                           CSTATFLG = 1 and AGE <18 and CASHYR = 1

                           Sample children <18: who have had an asthma
                           episode in the past 12 months

 112   Did - - visit ER due to asthma

                  270   1 Yes
                  469   2 No
                    0   7 Refused
                    0   8 Not ascertained
                    1   9 Don't know
               12,905   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: chronic condition; asthma; respiratory condition
Notes: None

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

HAYF1   During the past 12 months, has - - had hay fever?
CHS.111

                             CSTATFLG = 1 and AGE <3

                             Sample Children age <3

 113   Has - - had hay fever, past 12 m

            101   1 Yes
          2,465   2 No
              2   7 Refused
              2   8 Not ascertained
              7   9 Don't know
         11,068   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: hayfever; allergy; chronic condition
Notes: None

RALLG1   During the past 12 months, has - - had any kind of
                             respiratory allergy?
CHS.111

                             CSTATFLG = 1 and AGE <3

                             Sample Children age <3

 114   Had respiratory allergy, past 12 m

            171   1 Yes
          2,393   2 No
              2   7 Refused
              2   8 Not ascertained
              9   9 Don't know
         11,068   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: respiratory allergy; allergy
Notes: None

_____

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

_____

DALLG1   During the past 12 months, has - - had any kind of
                             food or digestive allergy?
CHS.111
                             CSTATFLG = 1 and AGE <3

                             Sample Children <3

 115   Had food/digestive allergy, past 12 m

              94   1 Yes
           2,474   2 No
               2   7 Refused
               2   8 Not ascertained
               5   9 Don't know
          11,068   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: digestive allergy; food allergy; allergy
Notes: None

_____

SALLG1   During the past 12 months, has - - had eczema or
                             any kind of skin allergy?
CHS.111
                             CSTATFLG = 1 and AGE <3

                             Sample Children age <3

 116   Had eczema/skin allergy, past 12 m

             203   1 Yes
           2,367   2 No
               2   7 Refused
               2   8 Not ascertained
               3   9 Don't know
          11,068   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: eczema; skin allergy; skin condition
Notes: None

_____

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH STATUS AND LIMITATION OF ACTIVITY - PUBLIC USE
13,645 RECORDS

_____

Variable Name   Question   Date last modified 10/11/00
Question No.   Variable Universe
                           Universe Description
Location   Variable Label
              Freq.   Value / Value Labels

_____

DIARH1   During the past 12 months, has - - had frequent or
                           repeated diarrhea or colitis?
CHS.111

                           CSTATFLG = 1 and AGE <3

                           Sample Children age <3

 117   Had freq diarrhea/colitis, past 12 m

                71   1 Yes
             2,500   2 No
                 2   7 Refused
                 2   8 Not ascertained
                 2   9 Don't know
            11,068   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: diarrhea; colitis
Notes: None

_____

ANEMIA1   During the past 12 months, has - - had anemia?
CHS.111

                           CSTATFLG = 1 and AGE <3

                           Sample Children age <3

 118   Had anemia, past 12 m

                51   1 Yes
             2,520   2 No
                 2   7 Refused
                 2   8 Not ascertained
                 2   9 Don't know
            11,068   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: anemia, iron deficiency
Notes: None

_____

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

EARINF1   During the past 12 months, has - - had three or
                                more ear infections?
CHS.111

                                CSTATFLG = 1 and AGE <3

                                Sample Children age <3

 119   Had 3+ ear infections, past 12 m

              370   1 Yes
            2,201   2 No
                2   7 Refused
                2   8 Not ascertained
                2   9 Don't know
           11,068   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: ear infections; otitis media
Notes: None

SEIZE1   During the past 12 months, has - - had any
                                seizures?
CHS.111

                                CSTATFLG = 1 and AGE <3

                                Sample Children age <3

 120   Had seizures, past 12 m

               21   1 Yes
            2,551   2 No
                2   7 Refused
                2   8 Not ascertained
                1   9 Don't know
           11,068   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: seizures; epilepsy
Notes: None

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

HAYF2   During the past 12 months, has - - had hay fever?
CHS.115

                            CSTATFLG = 1 and AGE = 3 - 17

                            Sample Children ages 3 - 17

 121   Had hay fever, past 12 m

            1,273   1 Yes
            9,757   2 No
                1   7 Refused
                2   8 Not ascertained
               35   9 Don't know
            2,577   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: hay fever; allergy; chronic condition
Notes: None

RALLG2   During the past 12 months, has - - had any kind of
                            respiratory allergy?
CHS.115

                            CSTATFLG = 1 and AGE = 3 - 17

                            Sample Children ages 3 - 17

 122   Had respiratory allergy, past 12 m

            1,445   1 Yes
            9,577   2 No
                1   7 Refused
                2   8 Not ascertained
               43   9 Don't know
            2,577   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: respiratory allergy; allergy
Notes: None

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

DALLG2

CHS.115

During the past 12 months, has - - had any kind of food or digestive allergy?

CSTATFLG = 1 and AGE = 3 - 17

Sample Children ages 3 - 17

123   Had food/digestive allergy, past 12 m

398	1	Yes
10,646	2	No
1	7	Refused
2	8	Not ascertained
21	9	Don't know
2,577		<Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: digestive allergy; food allergy; allergy
Notes: None

SALLG2

CHS.115

During the past 12 months, has - - had eczema or any kind of skin allergy?

CSTATFLG = 1 and AGE = 3 - 17

Sample Children ages 3 - 17

124   Had eczema/skin allergy, past 12 m

805	1	Yes
10,248	2	No
1	7	Refused
2	8	Not ascertained
12	9	Don't know
2,577		<Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: eczema; skin allergy; skin condition
Notes: None

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

DIARH2   During the past 12 months, has - - had frequent or
                                repeated diarrhea or colitis?
CHS.115

                                CSTATFLG = 1 and AGE = 3 - 17

                                Sample Children ages 3 - 17

 125   Had freq diarrhea/colitis, past 12 m

              165   1 Yes
           10,893   2 No
                1   7 Refused
                2   8 Not ascertained
                7   9 Don't know
            2,577   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: diarrhea; colitis
Notes: None

ANEMIA2   During the past 12 months, has - - had anemia?
CHS.115

                                CSTATFLG = 1 and AGE = 3 - 17

                                Sample Children ages 3 - 17

 126   Had anemia, past 12 m

              136   1 Yes
           10,918   2 No
                1   7 Refused
                2   8 Not ascertained
               11   9 Don't know
            2,577   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: anemia; iron deficiency
Notes: None

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

FHEAD   During the past 12 months, has - - had frequent or
                             severe headaches, including migraines?
CHS.115

                             CSTATFLG = 1 and AGE = 3 - 17

                             Sample Children ages 3 - 17

 127   Had freq headaches/migraines, past 12 m

              674   1 Yes
           10,381   2 No
                1   7 Refused
                2   8 Not ascertained
               10   9 Don't know
            2,577   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: headaches; migraines
Notes: None

EARINF2   During the past 12 months, has - - had three or
                             more ear infections?
CHS.115

                             CSTATFLG = 1 and AGE = 3 - 17

                             Sample Children ages 3 - 17

 128   Had 3+ ear infections, past 12 m

              615   1 Yes
           10,441   2 No
                1   7 Refused
                2   8 Not ascertained
                9   9 Don't know
            2,577   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: ear infections; otitis media
Notes: None

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

SEIZE2   During the past 12 months, has - - had seizures?
CHS.115

                          CSTATFLG = 1 and AGE = 3 - 17

                          Sample Children ages 3 - 17

 129   Had seizures, past 12 m

            72   1 Yes
        10,987   2 No
             1   7 Refused
             2   8 Not ascertained
             6   9 Don't know
         2,577   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: seizures; epilepsy
Notes: None

STUTTER   During the past 12 months, has - - had any
                          stuttering or stammering?
CHS.115

                          CSTATFLG = 1 and AGE = 3 - 17

                          Sample Children ages 3 - 17

 130   Stuttered/stammered, past 12 m

           175   1 Yes
        10,880   2 No
             1   7 Refused
             2   8 Not ascertained
            10   9 Don't know
         2,577   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: stuttering; stammering; speech problem
Notes: None

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CHSTATYR   Compared with 12 months ago, would you say - -'s
                           health is now better, worse, or about the same?
CHS.210
                           CSTATFLG = 1 and AGE <18

                           Sample Children age <18

 131   Health better, worse, or about the same

              3,103   1 Better
                236   2 Worse
             10,256   3 About the same
                  3   7 Refused
                  1   8 Not ascertained
                 46   9 Don't know

Sources: None
Recodes: None
Keywords: health status
Notes: None

SCHDAYR1   During the past 12 months, that is, since
                           {12-month ref. date}, about how many days did - -
                           miss school because of illness or injury?
CHS.220
                           CSTATFLG = 1 and AGE = 5 - 17

                           Sample Children ages 5 - 17

 132-134   Days missed due to ill/inj, past 12 m

              2,517   000   None
              6,723   001-240 Days
                119   996   Did not go to school
                  4   997   Refused
                  1   998   Not ascertained
                200   999   Don't know
              4,081   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: missed school; illness/injury; days absent
Notes: None

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CCOLD2W   Did - - have a head cold or chest cold that
                            started during past two weeks?
CHS.230
                            CSTATFLG = 1 and AGE <18

                            Sample Children age <18

 135   Had a head/chest cold past 2 wks

            2,608   1 Yes
           11,016   2 No
                1   7 Refused
                1   8 Not ascertained
               19   9 Don't know

Sources: None
Recodes: None
Keywords: head cold; chest cold
Notes: Refer to the Survey Description Document for caveats in the use of this
       variable

CINTIL2W   Did - - have stomach or intestinal illness with
                            vomiting or diarrhea that started during those two
                            weeks?
CHS.240
                            CSTATFLG = 1 and AGE <18

                            Sample Children age <18

 136   Had stomach prob w/vomit/diarrhea, 2 w

              835   1 Yes
           12,797   2 No
                1   7 Refused
                1   8 Not ascertained
               11   9 Don't know

Sources: None
Recodes: None
Keywords: stomach illness; intestinal illness; vomiting; diarrhea
Notes: Refer to the Survey Description Document for caveats in the use of this
       variable

Variable Name   Question   Date last modified 10/11/00
Question No.   Variable Universe
                       Universe Description
Location   Variable Label
            Freq.   Value / Value Labels

CHEARST   Which statement best describes - -'s hearing
                       (without a hearing aid)
CHS.250
                       CSTATFLG = 1 and AGE <18

                       Sample Children age <18

 137   Hearing w/o hearing aid

          13,211   1 Good
             365   2 Little of trouble
              45   3 Lot of trouble
              13   4 Deaf
               1   7 Refused
               1   8 Not ascertained
               9   9 Don't know

Sources: None
Recodes: None
Keywords: trouble hearing; hearing; hearing impaired; deaf
Notes: None

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CVISION   Does - - have any trouble seeing? If age 2+ yrs;
                            Even when wearing glasses or contact lenses?
CHS.260

                            CSTATFLG = 1 and AGE <18

                            Sample Children age <18

 138   Does - - have trouble seeing

              325   1 Yes
           13,294   2 No
                1   7 Refused
                1   8 Not ascertained
               24   9 Don't know

Sources: None
Recodes: None
Keywords: trouble seeing; vision problems
Notes: None

CBLIND   Is - - blind or unable to see at all?
CHS.270

                            CSTATFLG = 1 and AGE <18 and CVISION = 1

                            Sample children <18 w/trouble seeing

 139   Is - - blind/unable to see at all

               15   1 Yes
              310   2 No
                0   7 Refused
                0   8 Not ascertained
                0   9 Don't know
           13,320   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: blind; unable to see; trouble seeing
Notes: None

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

IHSPEQ   Does - - have any impairment or health problem
                           that requires {him/her} to use special equipment,
                           such as a brace, a wheelchair, or a hearing aid
                           (excluding ordinary eyeglasses or corrective
                           shoes)?

CHS.290

                           CSTATFLG = 1 and AGE <18

                           Sample Children age <18

 140   Need spec equip due to impair/hlth prob

          133   1 Yes
       13,511   2 No
            0   7 Refused
            1   8 Not ascertained
            0   9 Don't know

Sources: None
Recodes: None
Keywords: assistive devices; special equipment; medical technology
Notes: None

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

IHMOB   Does - - have an impairment or health problem that
                             limits {his/her} ability to (crawl), walk, run,
                             or play?
CHS.300
                             CSTATFLG = 1 and AGE <18

                             Sample Children age <18

 141   Impair/hlth prob lmt crawl/walk/run/play

              288   1 Yes
           13,355   2 No
                0   7 Refused
                1   8 Not ascertained
                1   9 Don't know

Sources: None
Recodes: None
Keywords: physical impairment; mobility limitation; mobility impairment
Notes: None

IHMOBYR   Is this an impairment or health problem that has
                             lasted, or is expected to last 12 months or
                             longer?
CHS.310
                             CSTATFLG = 1 and AGE <18 and IHMOB = 1

                             Sample Children <18 w/mobility limitation

 142   Impair/hlth prob lasted/will last 12+ m

              243   1 Yes
               32   2 No
                0   7 Refused
                0   8 Not ascertained
               13   9 Don't know
           13,357   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: physical impairment; mobility limitation; mobility impairment
Notes: None

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

PROBRX   Does - - now have a problem for which {he/she} has
                                regularly taken prescription medication for at
                                least three months?
CHS.311

                                CSTATFLG = 1 and AGE <18

                                Sample Children age <18

 143   Taken RX medication for 3+ m

          1,228   1 Yes
         12,409   2 No
              3   7 Refused
              1   8 Not ascertained
              4   9 Don't know

Sources: None
Recodes: None
Keywords: prescription medication; rx
Notes: None

LEARND   Has a representative from a school or a health
                                professional ever told you that - - had a learning
                                disability?
CHS.312

                                CSTATFLG = 1 and AGE = 3 - 17

                                Sample Children ages 3 - 17

 144   Ever told - - had a learning disability

            800   1 Yes
         10,254   2 No
              0   7 Refused
              2   8 Not ascertained
             12   9 Don't know
          2,577   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: learning disability
Notes: None

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH STATUS AND LIMITATION OF ACTIVITY - PUBLIC USE
13,645 RECORDS

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CMHAGM15   During the past 2 months has - - been unhappy,
                           sad, or depressed?
CHS.321
                           CSTATFLG = 1, AGE = 2-3 and SEX = 1

                           Male Sample Children, Ages 2-3

 145   Has - - been unhappy/depressed past 2 m

              685   0 Not True
               76   1 Sometimes True
               28   2 Often True
                1   7 Refused
                1   8 Not ascertained
                3   9 Don't know
           12,851   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: depression; unhappy; sad; depressed
Notes: None

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH STATUS AND LIMITATION OF ACTIVITY - PUBLIC USE
13,645 RECORDS

Variable Name   Question   Date last modified 10/11/00
Question No.   Variable Universe
                         Universe Description
Location   Variable Label
             Freq.   Value / Value Labels

CMHAGF15   During the past 2 months has - - been unhappy,
                         sad, or depressed?
CHS.361
                         CSTATFLG = 1, AGE = 2-3 and SEX = 2

                         Female Sample Children, Ages 2-3

 146   Has - - been unhappy/depressed past 2 m

             673   0 Not True
              63   1 Sometimes True
              32   2 Often True
               0   7 Refused
               1   8 Not ascertained
               1   9 Don't know
          12,875   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: depression; unhappy; sad; depressed
Notes: None

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CMHAGM25

CHS.401

During the past 6 months has - - been unhappy, sad, or depressed?

CSTATFLG = 1, AGE = 4-11, and SEX = 1

Male Sample Children, Ages 4-11

147   Has - - been unhappy/depressed past 6 m

```
     2,430    0  Not True
       430    1  Sometimes True
        97    2  Often True
         4    7  Refused
         2    8  Not ascertained
        13    9  Don't know
    10,669    <Blank:  Not in Universe>
```

Sources: None
Recodes: None
Keywords: depression; unhappy; sad; depressed
Notes: None

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CMHAGF25   During the past 6 months has - - been unhappy,
                                sad, or depressed?
CHS.441
                                CSTATFLG = 1, AGE = 4-11, and SEX = 2

                                Female Sample Children, Ages 4-11

 148   Has - - been unhappy/depressed past 6 m

            2,317   0 Not True
              355   1 Sometimes True
              100   2 Often True
                6   7 Refused
                5   8 Not ascertained
                7   9 Don't know
           10,855   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: depression; unhappy; sad; depressed
Notes: None

_____

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

_____

CMHAGM35   During the past 6 months has - - been unhappy,
                           sad, or depressed?

CHS.481

                           CSTATFLG = 1, AGE = 12-17 and SEX = 1

                           Male Sample Children, Ages 12-17

 149   Has - - been unhappy/depressed past 6 m

            1,787   0 Not True
              431   1 Sometimes True
              123   2 Often True
                7   7 Refused
                2   8 Not ascertained
               19   9 Don't know
           11,276   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: depression; unhappy; sad; depressed
Notes: None

_____

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CMHAGF35   During the past 6 months has - - been unhappy,
                               sad, or depressed?
CHS.521
                               CSTATFLG = 1, AGE = 12-17 and SEX = 2

                               Female Sample Children, Ages 12-17

 150   Has - - been unhappy/depressed past 6 m

        1,628   0 Not True
          452   1 Sometimes True
          100   2 Often True
            9   7 Refused
            3   8 Not ascertained
           13   9 Don't know
       11,440   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: depression; unhappy; sad; depressed
Notes: None

```
                              CHS - 34
                1998 NATIONAL HEALTH INTERVIEW SURVEY
          SAMPLE CHILD HEALTH STATUS AND LIMITATION OF ACTIVITY - PUBLIC USE
                             13,645 RECORDS
```

```
_____
Variable Name              Question            Date last modified 10/11/00
Question No.               Variable Universe
                           Universe Description
Location                   Variable Label
                  Freq.    Value / Value Labels
_____
MHIBOY2                    Recode
CHS Recode

                           CSTATFLG = 1, AGE = 2-3 and SEX = 1

                           Boys 2-3 years old

 151-152                   Mental hlth indicator (MHI) scale score

                785        00-08  Scale score
                  9        99     Unknown
             12,851        <Blank:  Not in Universe>

Sources: CMHAGM12; CMHAGM13; CMHAGM14; CMHAGM15
Recodes: None
Keywords: mental health indicator; boys 2-3
Notes: For quantitative analysis; not recommended for use as a mental health
       indicator for this age group (for detailed discussion, see MHI
       Appendix).
_____
MHIGRL2                    Recode
CHS Recode

                           CSTATFLG = 1, AGE = 2-3 and SEX = 2

                           Girls 2-3 years old

 153-154                   Mental hlth indicator (MHI) scale score

                765        00-08  Scale score
                  5        99     Unknown
             12,875        <Blank:  Not in Universe>

Sources: CMHAGF12; CMHAGF13; CMHAGF14; CMHAGF15
Recodes: None
Keywords: mental health indicator; girls 2-3
Notes: For quantitative analysis; not recommended for use as a mental health
       indicator for this age group (for detailed discussion, see MHI
       Appendix).
_____
```

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH STATUS AND LIMITATION OF ACTIVITY - PUBLIC USE
13,645 RECORDS

_____

Variable Name   Question   Date last modified 10/11/00
Question No.   Variable Universe
                           Universe Description
Location   Variable Label
              Freq.   Value / Value Labels

_____

MHIBOY4   Recode
CHS Recode

                           CSTATFLG = 1, AGE = 4-11 and SEX = 1

                           Boys 4-11 years old

 155-156   Mental hlth indicator (MHI) scale score

          2,944   00-08 Scale score
             32   99   Unknown
         10,669   <Blank: Not in Universe>

Sources: CMHAGM22; CMHAGM23; CMHAGM24; CMHAGM25
Recodes: None
Keywords: mental health indicator; boys 4-11
Notes: For discussion of the mental health indicator, see MHI Appendix.

_____

MHIGRL4   Recode
CHS Recode

                           CSTATFLG = 1, AGE = 4-11 and SEX = 2

                           Girls 4-11 years old

 157-158   Mental hlth indicator (MHI) scale score

          2,766   00-08 Scale score
             24   99   Unknown
         10,855   <Blank: Not in Universe>

Sources: CMHAGF22; CMHAGF23; CMHAGF24; CMHAGF25
Recodes: None
Keywords: mental health indicator; girls 4-11
Notes: For discussion of the mental health indicator, see MHI Appendix.

_____

_____

Variable Name	Question	Date last modified 10/11/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

_____

MHIBOY12   Recode
CHS Recode

                              CSTATFLG = 1, AGE = 12-17 and SEX = 1

                              Boys 12-17 years old

 159-160   Mental hlth indicator (MHI) scale score

            2,326   00-08 Scale score
               43   99   Unknown
           11,276   <Blank: Not in Universe>

Sources: CMHAGM32; CMHAGM33; CMHAGM34; CMHAGM35
Recodes: None
Keywords: mental health indicator; boys 12-17
Notes: For discussion of the mental health indicator, see MHI Appendix.

_____

MHIGRL12   Recode
CHS Recode

                              CSTATFLG = 1, AGE = 12-17 and SEX = 2

                              Girls 12-17 years old

 161-162   Mental hlth indicator (MHI) scale score

            2,170   00-08 Scale score
               35   99   Unknown
           11,440   <Blank: Not in Universe>

Sources: CMHAGF32; CMHAGF33; CMHAGF34; CMHAGF35
Recodes: None
Keywords: mental health indicator; girls 12-17
Notes: For discussion of the mental health indicator, see MHI Appendix.

_____

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CUSUALPL   Is there a place that {S.C. name} USUALLY goes
                            when {he/she} is sick or you need advice about
                            {his/her} health?

CAU.020

                            CSTATFLG = 1 and AGE <18

                            Sample children <18

 163   Place usually taken when sick

            12,631   1 Yes
               953   2 There is NO place
                33   3 There is MORE THAN ONE place
                 2   7 Refused
                12   8 Not ascertained
                14   9 Don't know

Sources: None
Recodes: None
Keywords: source of care; access to care; health care provider
Notes: None

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CPLKIND

['If CUSUALPL = 1 then read:] What kind of place is it - a clinic, doctor's office, emergency room, outpatient department, or some other place?
['Else, if CUSUALPL = 3 then read:] What kind of place do you go to most often - a clinic, doctor's office, emergency room, outpatient department, or some other place?

CAU.030

CSTATFLG = 1, AGE <18 and CUSUALPL = 1,3

Sample children <18 with one or more usual place to go when sick or need health advice

164   Place to go when sick (most often)

Freq.	Value / Value Labels
2,554	1 Clinic or health center
9,734	2 Doctor's office or HMO
97	3 Hospital emergency room
212	4 Hospital outpatient department
56	5 Some other place
2	7 Refused
0	8 Not ascertained
9	9 Don't know
981	<Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: source of care; access to care; health care provider
Notes: None

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH CARE ACCESS AND UTILIZATION - PUBLIC USE
13,645 RECORDS

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CHCPLROU

Is that {place selected in CPLKIND} the same place {S.C. name} usually goes when {he/she} needs routine or preventive care, such as a physical examination or well baby/child check-ups?

CAU.035

CSTATFLG = 1, AGE <18 and CPLKIND = 1,2,3,4,5

Sample children <18 with usual place to go when sick or need health advice who reported that place as a clinic or health center, doctor's office or HMO, hospital emergency room, hospital outpatient department, or some other place

165   Usually go{CPLKIND}for routine/prev care

12,176	1	Yes
460	2	No
2	7	Refused
1	8	Not ascertained
14	9	Don't know
992		<Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: source of care; access to care; health care provider
Notes: None

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CHCPLKND

What kind of place does {S.C. name} go to when {he/she} needs routine preventive care, such as a physical examination or well baby/child check-up?

CAU.037

CSTATFLG = 1, AGE <18 and CUSUALPL = 2,7,8,9 or CPLKIND = 7,8,9 or CHCPLROU = NE 1

Sample children <18 with no place, Ref/NA/DK place to go when sick/need advice; Ref/NA/DK usual place; No/Ref/NA/DK place usually go for routine/prev care

166		Place goes for routine prev care
	552	0 Doesn't get preventive care anywhere
	348	1 Clinic or health center
	418	2 Doctor's office of HMO
	41	3 Hospital emergency room
	39	4 Hospital outpatient
	22	5 Some other place
	6	7 Refused
	13	8 Not ascertained
	30	9 Don't know
	12,176	<Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: access to care; source of care; preventive care; health care
        provider
Notes: None

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                           Universe Description
Location   Variable Label
                Freq.   Value / Value Labels

SOURCELC   Recode
CAU Recode

                           CSTATFLG = 1

                           Sample children 0 - 17

 167-168   Source of medical care recode

          12,150   01 Same sorc sk care & rout care
              85   02 Sorc sk care, no sorc rout care
             380   03 Sorc sk & rout care, no/unk same sorc
              16   04 Sorc sk care, unk sorc rout care
              26   05 GE 2 sorc sk care, 1 is sorc rout care
               3   06 GE 2 sorc sk care, no sorc rout care
               4   07 GE 2 sorc sk & rout care, no/unk if same
               0   08 GE 2 sorc sk care, unk sorc rout care
             464   09 No sorc sk care or rout care
             482   10 No sorc sk care, has sorc rout care
               7   11 No sorc sk care, unk sorc rout care
               0   12 Unk sorc sk care, no sorc rout care
               2   13 Unk sorc sk care, has sorc rout care
              26   14 Unk sorc sk care or sorc rout care
               0   99 Unknown other

Sources: CUSUALPL; CHCPLROU; CHCPLKND
Recodes: None
Keywords: source of care; usual source
Notes: See SOURCELC Appendix for expanded labels

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH CARE ACCESS AND UTILIZATION - PUBLIC USE
13,645 RECORDS

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CHCCHGYR   At any time in the past 12 months did you CHANGE
                           the place(s) to which {S.C. name} USUALLY goes for
                           health care?
CAU.040
                           CSTATFLG = 1, AGE <18 and CHCPLROU = 1 or CUSUALPL
                           = 1,3

                           Sample children <18 with one or more place to go
                           when sick/need advice [or who reported same place
                           as usual source of routine/preventive care]

 169   Change hlth care provider in past 12 m

            1,206   1 Yes
           11,434   2 No
                2   7 Refused
                3   8 Not ascertained
               19   9 Don't know
              981   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: source of care; access to care; health care provider
Notes: None

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                               Universe Description
Location   Variable Label
                    Freq.   Value / Value Labels

CHCCHGHI   Was this change for a reason related to health
                               insurance?
CAU.050
                               CSTATFLG = 1, AGE <18 and CHCCHGYR = 1

                               Sample Children <18 with one or more place to go
                               when sick/need advice but changed their usual
                               place for health care in the past 12 months

 170   Change related to hlth insurance

                    401   1 Yes
                    805   2 No
                      0   7 Refused
                      0   8 Not ascertained
                      0   9 Don't know
                 12,439   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: access to care; health care provider; health insurance
Notes: None

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CHCDLYR1

There are many reasons people delay getting medical care. Have you delayed getting care for {S.C. name} for any of the following reasons in the past 12 months? ... You couldn't get through on the telephone

CAU.080

CSTATFLG = 1 and AGE <18

Sample children <18

171   Couldn't get through on phone

276	1	Yes
13,319	2	No
4	7	Refused
15	8	Not ascertained
31	9	Don't know

Sources: None
Recodes: None
Keywords: access to care; delayed care; access problem
Notes: None

```
_____
Variable Name          Question           Date last modified 03/15/00
Question No.           Variable Universe
                       Universe Description
Location               Variable Label
            Freq.      Value / Value Labels
_____

CHCDLYR2               There are many reasons people delay getting
                       medical care.  Have you delayed getting care for
                       {S.C. name} for any of the following reasons in
                       the past 12 months? ... You couldn't get an
                       appointment for {S.C. name} soon enough
CAU.080
                       CSTATFLG = 1 and AGE <18

                       Sample children <18

 172                   Couldn't get appt. soon enough

              514      1  Yes
           13,082      2  No
                4      7  Refused
               15      8  Not ascertained
               30      9  Don't know

Sources: None
Recodes: None
Keywords: access to care; delayed care; access problem; scheduling
Notes: None
_____
```

_____

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                           Universe Description
Location   Variable Label
                Freq.   Value / Value Labels

_____

CHCDLYR3   There are many reasons people delay getting
                           medical care. Have you delayed getting care for
                           {S.C. name} for any of the following reasons in
                           the past 12 months? ... Once you get there, {S.C.
                           name} has to wait too long to see the doctor
CAU.080
                           CSTATFLG = 1 and AGE <18

                           Sample children <18

 173   Wait too long in doctor's office

                490   1 Yes
             13,103   2 No
                  4   7 Refused
                 15   8 Not ascertained
                 33   9 Don't know

Sources: None
Recodes: None
Keywords: access to care; delayed care; access problem; waiting time
Notes: None

_____

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH CARE ACCESS AND UTILIZATION - PUBLIC USE
13,645 RECORDS

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CHCDLYR4   There are many reasons people delay getting
                           medical care. Have you delayed getting care for
                           {S.C. name} for any of the following reasons in
                           the past 12 months? ... The clinic/doctor's
                           office wasn't open when you could get there
CAU.080

                           CSTATFLG = 1 and AGE <18

                           Sample children <18

 174   Not open when you could go

              306   1 Yes
           13,288   2 No
                4   7 Refused
               15   8 Not ascertained
               32   9 Don't know

Sources: None
Recodes: None
Keywords: access to care; delayed care; access problem; scheduling
Notes: None

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                            Universe Description
Location   Variable Label
                Freq.   Value / Value Labels

CHCDLYR5   There are many reasons people delay getting
                            medical care. Have you delayed getting care for
                            {S.C. name} for any of the following reasons in
                            the past 12 months? ... You didn't have
                            transportation
CAU.080
                            CSTATFLG = 1 and AGE <18

                            Sample children <18

 175   No transportation

              205   1 Yes
           13,391   2 No
                4   7 Refused
               15   8 Not ascertained
               30   9 Don't know

Sources: None
Recodes: None
Keywords: access to care; delayed care; transportation problem
Notes: None

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                            Universe Description
Location   Variable Label
             Freq.   Value / Value Labels

CHCAFYR   During the past 12 months, was there any time when
                            {S.C. name} needed any of the following, but
                            didn't get it because you couldn't afford it?
CAU.130
                            CSTATFLG = 1 and AGE <2

                            Sample children age <2

 176   Can't afford presc medicine

              35   1 Yes
           1,701   2 No
               2   7 Refused
               3   8 Not ascertained
               0   9 Don't know
          11,904   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: medical expense; cost of medication; drugs
Notes: None

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                               Universe Description
Location   Variable Label
                Freq.   Value / Value Labels

CHCAFYR1   During the past 12 months, was there any time when
                                {S.C. name} needed any of the following, but
                                didn't get it because you couldn't afford it: ...
                                Prescription medicines?
CAU.135
                                CSTATFLG = 1 and AGE = 2 - 17

                                Sample children ages 2 - 17

 177   Can't afford presc medicine

                264   1 Yes
             11,602   2 No
                  2   7 Refused
                 15   8 Not ascertained
                 21   9 Don't know
              1,741   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: medical expense; cost of medication; drugs
Notes: None

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                         Universe Description
Location   Variable Label
               Freq.   Value / Value Labels

CHCAFYR2   During the past 12 months, was there any time when
                        {S.C. name} needed any of the following, but
                        didn't get it because you couldn't afford it: ...
                        Mental health care or counseling?

CAU.135

                        CSTATFLG = 1 and AGE = 2 - 17

                        Sample children ages 2 - 17

 178   Can't afford mental hlth care/counseling

              109   1 Yes
           11,756   2 No
                2   7 Refused
               15   8 Not ascertained
               22   9 Don't know
            1,741   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: medical expense; therapy; counseling
Notes: None

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                                 Universe Description
Location   Variable Label
               Freq.   Value / Value Labels

CHCAFYR3   During the past 12 months, was there any time when
                                 {S.C. name} needed any of the following, but
                                 didn't get it because you couldn't afford it: ...
                                 Dental care (including check-ups)?
CAU.135
                                 CSTATFLG = 1 and AGE = 2 - 17

                                 Sample children ages 2 - 17

   179   Can't afford dental care

              686   1 Yes
           11,180   2 No
                2   7 Refused
               15   8 Not ascertained
               21   9 Don't know
            1,741   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: dental expense; cost of dental care; oral health
Notes: None

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                            Universe Description
Location   Variable Label
                   Freq.   Value / Value Labels

CDENLONG   About how long has it been since {S.C. name} last
                            saw or talked to a dentist? Include all types of
                            dentists, such as othodontists, oral surgeons, and
                            all other dental specialists, as well as dental
                            hygienists.

CAU.160
                            CSTATFLG = 1 and AGE = 2 - 17

                            Sample Children ages 2 - 17

 180   When did - - last see/talk to dentist

                  6,091   1 6 Months or less
                  2,255   2 More than 6 months but not more than 1 year ago
                  1,244   3 More than 1 year, but not more than 3 years ago
                    416   4 More than 3 years
                  1,726   5 Never
                      7   7 Refused
                     17   8 Not ascertained
                    148   9 Don't know
                  1,741   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: dental visit; dental contact; oral health; advice; treatment
Notes: None

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CHCSYR11

During the past 12 months, that is since {12-month ref. date}, has anyone in the family seen or talked to any of the following health care providers about {S.C. name}'s health? ... An optometrist, optician, or eye doctor (someone who prescribes eyeglasses)

CAU.170

CSTATFLG = 1 and AGE <2

Sample children <2

 181   Has - - seen/talk to eye doctor

59	1	Yes
1,673	2	No
3	7	Refused
3	8	Not ascertained
3	9	Don't know
11,904		<Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: dr. visit/contact; medical advice; treatment; vision care
Notes: None

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                          Universe Description
Location   Variable Label
               Freq.   Value / Value Labels

CHCSYR12   During the past 12 months, that is since {12-month
                          ref. date}, has anyone in the family seen or
                          talked to any of the following health care
                          providers about {S.C. name}'s health? ...   A
                          foot doctor
CAU.170
                          CSTATFLG = 1 and AGE <2

                          Sample children <2

 182   Has - - seen/talk to foot doctor

                13   1 Yes
             1,720   2 No
                 3   7 Refused
                 3   8 Not ascertained
                 2   9 Don't know
            11,904   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: dr. visit/contact; medical advice; treatment; podiatrist
Notes: None

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH CARE ACCESS AND UTILIZATION - PUBLIC USE
13,645 RECORDS

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CHCSYR13   During the past 12 months, that is since {12-month
                              ref. date}, has anyone in the family seen or
                              talked to any of the following health care
                              providers about {S.C. name}'s health? ... A
                              physical therapist, speech therapist, respiratiory
                              therapist, audiologist, or occupational
                              therapist?

CAU.170

                              CSTATFLG = 1 and AGE <2

                              Sample children <2

 183   Has - - seen/talk to therapst (PT, OT)

               46   1 Yes
            1,686   2 No
                3   7 Refused
                3   8 Not ascertained
                3   9 Don't know
           11,904   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: dr. visit/contact; medical advice; therapy; PT; OT; RT
Notes: None

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH CARE ACCESS AND UTILIZATION - PUBLIC USE
13,645 RECORDS

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CHCSYR14

During the past 12 months, that is since {12-month ref. date}, has anyone in the family seen or talked to any of the following health care providers about {S.C. name}'s health? ... A nurse practitioner, physician assistant or midwife?

CAU.170

CSTATFLG = 1 and AGE <2

Sample children <2

184   Has - - seen/talk to a RN or PA

250	1	Yes
1,482	2	No
3	7	Refused
3	8	Not ascertained
3	9	Don't know
11,904		<Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: dr. visit/contact; midwife; nurse; physician assistant
Notes: None

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH CARE ACCESS AND UTILIZATION - PUBLIC USE
13,645 RECORDS

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CHCSYR1

During the past 12 months, that is since {12-month ref. date}, have you seen or talked to any of the following health care providers about {S.C. name}'s health?... A mental health professional such as a psychiatrist, psychologist, psychiatric nurse, or clinicial social worker

CAU.175

CSTATFLG = 1 and AGE = 2 - 17

Sample children ages 2 - 17

185   Has - - seen/talk to mental hlth prof

666	1	Yes
11,185	2	No
10	7	Refused
19	8	Not ascertained
24	9	Don't know
1,741		<Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: dr. visit/contact; medical advice; treatment; therapy; counseling
Notes: None

                   1998 NATIONAL HEALTH INTERVIEW SURVEY
              SAMPLE CHILD HEALTH CARE ACCESS AND UTILIZATION – PUBLIC USE
                              13,645 RECORDS

_____

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                              Universe Description
Location   Variable Label
                    Freq.   Value / Value Labels

_____

CHCSYR2   During the past 12 months, that is since {12-month
                              ref. date}, have you seen or talked to any of the
                              following health care providers about {S.C.
                              name}'s health?... An optometrist, optician, or
                              eye doctor (someone that prescribes eyeglasses)
CAU.175
                              CSTATFLG = 1 and AGE = 2 – 17

                              Sample children ages 2 – 17

  186   Has - - seen/talk to eye doctor

            2,376   1 Yes
            9,478   2 No
                8   7 Refused
               19   8 Not ascertained
               23   9 Don't know
            1,741   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: dr. visit/contact; medical advice; vision care; eye doctor
Notes: None

_____

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CHCSYR3   During the past 12 months, that is since {12-month
                            ref. date}, have you seen or talked to any of the
                            following health care providers about {S.C.
                            name}'s health?... A foot doctor
CAU.175
                            CSTATFLG = 1 and AGE = 2 - 17

                            Sample children ages 2 - 17

 187   Has - - seen/talk to foot doctor

                214   1 Yes
             11,645   2 No
                  9   7 Refused
                 19   8 Not ascertained
                 17   9 Don't know
              1,741   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: dr. visit/contact; medical advice; treatment; podiatrist
Notes: None

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH CARE ACCESS AND UTILIZATION - PUBLIC USE
13,645 RECORDS

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CHCSYR4   During the past 12 months, that is since {12-month
                           ref. date}, have you seen or talked to any of the
                           following health care providers about {S.C.
                           name}'s health?... A chiropractor

CAU.175
                           CSTATFLG = 1 and AGE = 2 - 17

                           Sample children ages 2 - 17

 188   Has - - seen/talk to chiropractor

            246   1 Yes
         11,611   2 No
              9   7 Refused
             19   8 Not ascertained
             19   9 Don't know
          1,741   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: dr. visit/contact; medical advice; treatment; chiropractor
Notes: None

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH CARE ACCESS AND UTILIZATION - PUBLIC USE
13,645 RECORDS

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                             Universe Description
Location   Variable Label
              Freq.   Value / Value Labels

CHCSYR5   During the past 12 months, that is since {12-month
                             ref. date}, have you seen or talked to any of the
                             following health care providers about {S.C.
                             name}'s health?... A physical therapist, speech
                             therapist, respiratory therapist, audiologist, or
                             occupational therapist
CAU.175
                             CSTATFLG = 1 and AGE = 2 - 17

                             Sample children ages 2 - 17

 189   Has - - seen/talk to therapist (PT, etc)

              580   1 Yes
           11,277   2 No
                9   7 Refused
               19   8 Not ascertained
               19   9 Don't know
            1,741   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: dr. visit/contact; medical advice; treatment; therapist
Notes: None

Variable Name		Question	Date last modified 03/15/00
Question No.		Variable Universe	
		Universe Description	
Location		Variable Label	
	Freq.	Value / Value Labels	

CHCSYR6

During the past 12 months, that is since {12-month ref. date}, have you seen or talked to any of the following health care providers about {S.C. name}'s health?... A nurse practitioner, physician assistant, or midwife

CAU.175

CSTATFLG = 1 and AGE = 2 - 17

Sample children ages 2 - 17

190   Has - - seen/talk to RN or PA

1,179	1	Yes
10,661	2	No
9	7	Refused
20	8	Not ascertained
35	9	Don't know
1,741		<Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: dr. visit/contact; midwife; nurse; physician assistant
Notes: None

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH CARE ACCESS AND UTILIZATION - PUBLIC USE
13,645 RECORDS

_____

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                         Universe Description
Location   Variable Label
              Freq.   Value / Value Labels

_____

CHCSYR7   During the past 12 months, have you seen or talked
                         to a doctor who specializes in women's health (an
                         obstetrician/gynecologist) about {S.C. name}'s
                         health?
CAU.230
                         CSTATFLG = 1, AGE = 15-17, and SEX = 2

                         Sample children who are female and are ages 15-17

  191   Has - - seen/talk OB/GYN past 12 m

              164   1 Yes
              978   2 No
                1   7 Refused
                5   8 Not ascertained
               11   9 Don't know
           12,486   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: dr. visit/contact; treatment; gynecologist; obstetrician
Notes: None

_____

1998 NATIONAL HEALTH INTERVIEW SURVEY
SAMPLE CHILD HEALTH CARE ACCESS AND UTILIZATION - PUBLIC USE
13,645 RECORDS

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                             Universe Description
Location   Variable Label
                 Freq.   Value / Value Labels

CHCSYR81   During the past 12 months, have you seen or talked
                             to the following about {S.C. name}'s health? A
                             medical doctor who splecializes in a particular
                             medical disease or problem (other than
                             obstetrician/gynecologist, psychiatrist or
                             ophthalmologist)?
CAU.240
                             CSTATFLG = 1 and AGE <18

                             Sample children <18

 192   Has - - seen a med specialist, past 12 m

             1,551   1 Yes
            12,040   2 No
                11   7 Refused
                21   8 Not ascertained
                22   9 Don't know

Sources: None
Recodes: None
Keywords: dr. visit/contact; medical advice; treatment; specialist
Notes: None

Variable Name		Question	Date last modified 03/15/00
Question No.		Variable Universe	
		Universe Description	
Location		Variable Label	
	Freq.	Value / Value Labels	

CHCSYR82

During the past 12 months, have you seen or talked to the following about {S.C. name}'s health? A general doctor who treats a variety of illness (a doctor in general practice, pediatrics, family medicine, or internal medicine)?

CAU.240

CSTATFLG = 1 and AGE <18

Sample children <18

 193   Has - - seen a general doctor, past 12 m

10,541	1	Yes
3,039	2	No
10	7	Refused
21	8	Not ascertained
34	9	Don't know

Sources: None
Recodes: None
Keywords: dr. visit/contact; general practitioner; internist; family doctor
Notes: None

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CHCSYR10   Does that doctor treat children and adults (a
                            doctor in general practice or family medicine)?
CAU.260
                            CSTATFLG = 1, AGE <18 and CHCSYR82 = 1

                            Sample children <18 who see a general doctor

 194   Does that Dr treat both kids and adults

            4,883   1 Yes
            5,447   2 No
                2   7 Refused
                0   8 Not ascertained
              209   9 Don't know
            3,104   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: dr. visit/contact; general practitioner; internist; family doctor
Notes: None

CHPEXYR   During the past 12 months did {S.C. name} receive
                            a physical examination or well baby/child
                            check-up?
CAU.270
                            CSTATFLG = 1 and AGE <18

                            Sample children <18

 195   Has - - had check-up past 12 m

            9,956   1 Yes
            3,554   2 No
                8   7 Refused
               22   8 Not ascertained
              105   9 Don't know

Sources: None
Recodes: None
Keywords: physical exam; well baby check; check-up
Notes: None

```
                        CAU - 32
           1998 NATIONAL HEALTH INTERVIEW SURVEY
      SAMPLE CHILD HEALTH CARE ACCESS AND UTILIZATION - PUBLIC USE
                      13,645 RECORDS
```

```
_____
Variable Name            Question          Date last modified 03/15/00
Question No.             Variable Universe
                         Universe Description
Location                 Variable Label
               Freq.     Value / Value Labels
_____

CHERNOYR                 During the past 12 months, how many times has
                         {S.C. name} gone to a hospital emergency room
                         about {his/her} health?  (This includes emergency
                         room visits that resulted in a hospital
                         admission.)
CAU.280
                         CSTATFLG = 1 and AGE <18

                         Sample children <18

  196                    # times in ER/ED past 12 m

              10,713     0  None
               1,855     1  1
                 813     2  2-3
                 151     3  4-9
                  21     4  10-12
                  13     5  13 or more
                   7     7  Refused
                  24     8  Not ascertained
                  48     9  Don't know

Sources: None
Recodes: None
Keywords: emergency room visit (ER); emergency department visit (ED); critcal
          care
Notes: None
_____
```

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CHCHYR   During the past 12 months, did {S.C. name} receive
                                care at home from a nurse or other health care
                                professional?
CAU.290
                                CSTATFLG = 1 and AGE <18

                                Sample children <18

 197   Got home care from hlth prof, past 12 m

            142   1 Yes
         13,470   2 No
              6   7 Refused
             25   8 Not ascertained
              2   9 Don't know

Sources: None
Recodes: None
Keywords: home health visit; treatment; visiting nurse
Notes: None

CHCHMOYR   During how many of the past 12 months did {S.C.
                                name} receive care at home from a health care
                                professional?
CAU.300
                                CSTATFLG = 1, AGE <18 and CHCHYR = 1

                                Sample children <18 who received home care from
                                health professional past 12 m

 198-199   How many months of home care

            140   01-12 01-12 months
              0   97   Refused
              0   98   Not ascertained
              2   99   Don't know
         13,503   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: home health visit; treatment; visiting nurse
Notes: None

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                                 Universe Description
Location   Variable Label
                  Freq.   Value / Value Labels

CHCHNOYR   What was the total number of home vistis received
                                 for {S.C. name} during that/those months?
CAU.310

                                 CSTATFLG = 1, AGE <18 and CHCHYR = 1

                                 Sample children <18 who received home care from
                                 health professional past 12 m

 200   Total number of home vst

                    58   1 1
                    23   2 2-3
                    23   3 4-9
                     4   4 10-12
                    32   5 13 or more
                     0   7 Refused
                     0   8 Not ascertained
                     2   9 Don't know
                13,503   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: home health visit; treatment; visiting nurse
Notes: None

Variable Name		Question	Date last modified 03/15/00
Question No.		Variable Universe	
		Universe Description	
Location		Variable Label	
	Freq.	Value / Value Labels	

CHCNOYR

During the past 12 months, how many times has {S.C. name} seen a doctor or other health care professional about {his/her} health at a doctor's office, a clinic, or some other place? DO NOT INCLUDE TIMES {S.C. name} WAS HOSPITALIZED OVERNIGHT, VISITS TO HOSPITAL EMERGENCY ROOMS, HOME VISITS, OR TELEPHONE CALLS

CAU.320

CSTATFLG = 1 and AGE <18

Sample children <18

201   Total number of office vst

1,782	0	None
2,730	1	1
4,671	2	2-3
3,288	3	4-9
568	4	10-12
461	5	13 or more
10	7	Refused
26	8	Not ascertained
109	9	Don't know

Sources: None
Recodes: None
Keywords: doctor visit; office visit
Notes: None

```
Variable Name              Question              Date last modified 03/15/00
Question No.               Variable Universe
                           Universe Description
Location                   Variable Label
              Freq.        Value / Value Labels
```

CSRGYR   During the past 12 months has {S.C. name} had
                           surgery or other surgical procedures either as an
                           inpatient or outpatient? THIS INCLUDES BOTH MAJOR
                           SURGERY AND MINOR PROCEDURES SUCH AS SETTING BONES
                           OR REMOVING GROWTHS.

CAU.330
                           CSTATFLG = 1 and AGE <18

                           Sample children <18

 202   Has - - had surgery in the past 12 m

               718   1 Yes
            12,884   2 No
                 8   7 Refused
                27   8 Not ascertained
                 8   9 Don't know

Sources: None
Recodes: None
Keywords: surgery; surgical care; operation
Notes: None

Variable Name   Question   Date last modified 03/15/00
Question No.   Variable Universe
                           Universe Description
Location   Variable Label
              Freq.   Value / Value Labels

CSRGNOYR   Including any times you may have already told me
                           about, how many different times has {S.C. name}
                           had surgery done as an outpatient during the past
                           12 months?
CAU.340

                           CSTATFLG = 1, AGE <18 and CSRGYR = 1

                           Sample children <18 who had surgery past 12 m

 203-204   Times had outpatient surgery past 12 m

              716   00-94 0-94 times
                0   95   95+ times
                1   97   Refused
                0   98   Not ascertained
                1   99   Don't know
           12,927   <Blank: Not in Universe>

Sources: None
Recodes: None
Keywords: outpatient surgery; surgery; surgical care; operation
Notes: None

Variable Name	Question	Date last modified 03/15/00
Question No.	Variable Universe	
	Universe Description	
Location	Variable Label	
Freq.	Value / Value Labels	

CMDLONG   About how long has it been since anyone in the
                              family last saw or talked to a doctor or other
                              health care professional about {S.C. name}'s
                              health? Include doctors seen while {he/she} was a
                              patient in a hospital.
CAU.345

                              CSTATFLG = 1 and AGE <18

                              Sample children <18

 205   Last time - - saw/spoke to hlth prof

            9,684   1 6 months or less
            2,399   2 More than 6 months, but not more than 1 year ag
            1,163   3 More than 1 year, but not more than 3 year ago
              196   4 More than 3 years
               60   5 Never
               11   7 Refused
               28   8 Not ascertained
              104   9 Don't know

Sources: None
Recodes: None
Keywords: dr. visit/contact; medical advice; treatment; health care provider
Notes: None

_____

FM_STRCP   (Family Structure)
FID Recode

_____

                    11 Living alone
                    12 Living with roommate(s)
                    21 Married couples
                    22 Unmarried couples
                    23 All other adult-only families
                    31 Mother & biological or non-biological
                         child(ren) only
                    32 Father & biological or non-biological
                         child(ren) only
                    33 All other single-adult & child(ren) families
                    41 Married or unmarried parents w/
                         biological/adoptive child(ren) only
                    42 Parent, step parent, & child(ren)
                    43 Parent, cohabiting partner, & child(ren)
                    44 At least 1 (biological/adoptive) parent, 1+
                         child(ren), & other related adults
                    45 Other related &/or unrelated adults, 1+
                         child(ren), no biological/adoptive parent(s)
                    99 Unknown

_____

**A Preliminary Evaluation and recommendations for use
of the Mental Health Indicator in the NHIS**

This appendix is based on the May 1999 analyses completed by Thomas M.Achenbach, Ph.D., of the University of Vermont**.**

Introduction

         The NHIS mental health indicator consists of items from the Child Behavior Checklist (CBCL) that were identified by Dr. Thomas Achenbach as providing the best discrimination between demographically similar children referred for mental health services versus nonreferred. To take account of gender and age differences between in the discriminative power of particular items, they were selected separately for each gender at ages 2-3, 4-11, and 12-17. From the original ten items identified in Dr. Achenbach's 1995 analyses, the 1997 NHIS elected to include only 4 items, with the specific items differing somewhat for children of each gender in the age ranges 2-3, 4-11, and 12-17 years. It is essential to note that such a small set of items cannot be used to evaluate individual children for clinical or other purposes. Even for use as mental health indicators in large surveys such as the NHIS, very small sets of items can serve only as approximate indicators of needs for mental health services. Multiple items tapping each of several specific areas of functioning would be needed to identify specific disorders, such as Attention Deficit Hyperactivity Disorder (ADHD), Depression, Conduct Disorder, and Somatization Disorder.

         It should also be noted that different cutpoints on the distributions of item scores may be needed for different purposes. For example, a very low cutpoint may be useful if the goal is to identify every possible case for which mental health services might be considered. However, very low cutpoints result in relatively high false positive rates, i.e., the inclusion of substantial numbers of healthy individuals among those identified as potentially needing services. Conversely, higher cutpoints may yield greater overall accuracy in classifying potential cases versus noncases, but at the cost of missing more cases.

Data Analyses

         Since the preliminary data tape could not be released due to confidentiality issues, Dr. Achenbach specified and reviewed data analyses which were done at NCHS. These included tabulations of specific responses to each behavioral/emotional problem item; tabulations of relations between total problem scores and classification of children as deviant versus nondeviant on the basis of external criteria (e.g., parents ever being told by health professionals that their child had ADHD, mental retardation, other developmental delay, autism, down syndrome, or a learning disability; parents having talked to mental health professionals about their child in the preceding 12 months; or parents needing mental health services for their child but unable to afford it); and Relative Operating Characteristic (ROC) analyses of cutpoints on the total problem scores. Because each behavioral/emotional problem item was scored *0* (not true of the child), *1* (somewhat or sometimes true), or *2* (very true or often true), total scores across the 4 items for each gender/age group could range from 0 to 8. Dr. Achenbach examined the results and recommended changes and additions to the analyses.

         Based on the analyses to date, Dr. Achenbach makes the following recommendations:

1. Boys and Girls Ages 2-3. Total scores on the 8 problem items are useful for quantitative analyses in relation to other variables. However, categorical mental health indicators should not be derived from specific cutpoints on the total scores for the 4 behavioral/emotional problem items on the basis of 1997 NHIS data for ages 2-3 for the following reasons:

(A) The total number of children classified as deviant according to external criteria (e.g., parents being told their child had ADHD; talking to mental health professionals about their child) was too small to provide a sound basis for establishing cutpoints ($N = 44$ boys, 27 girls).

_____

(B) Many disorders relevant to defining criterion groups (e.g., ADHD) are not identified as early as age 2-3.

(C) The rates of referral for mental health services and other possible indicators of deviance are much lower at ages 2-3 than later.

2. Boys Ages 4-11. Detailed comments for this group will be used to illustrate considerations relevant to the selection and application of cutpoints for all groups.

The number of boys classified as deviant according to external criteria (N = 252 out of the sample of 1545) was sufficient for testing cutpoints on the distribution of the total scores for the 4 behavioral/emotional problem items. However, it should be remembered that 4 items cannot be an adequate basis for assessing individual children for clinical and other purposes.

A much larger pool of items, including multiple items for tapping each one of a variety of domains, would be necessary for assessment of individual children.

For purposes of analyzing relations between categorical cutpoints on the distribution of total scores and other variables in large samples such as the NHIS, we need to consider the different consequences of different cutpoints. If the goal is merely to maximize the probability of identifying every possible case (i.e., to minimize false negatives), an optimal strategy would be simply to classify all subjects as positive. This would mean that all scores on the problem scale (even scores of 0) would be used to indicate "caseness." Sensitivity would be 100%, but specificity would be 0. In the data for the age 4-11 boys, the false negative rate would be 0, but the false positive rate would be 83.7%.

Because a false positive rate of 83.7% is probably too high to be practical, we need to reduce this rate by moving up the distribution of total problem scores. If we classify all subjects who obtained scores ≥ 1 as cases, we can still achieve an excellent false negative rate of only 5% (with sensitivity = 82.5%) at the expense of a false positive rate of 69% (specificity = 64.2%). The overall accuracy of classification would be 67.2%.

If our goal is to maximize the identification of possible cases without classifying every subject as a case, then scores ≥ 1 achieve this goal for age 4-11 boys. However, if we wish to maximize the accuracy of classification with respect to both the detection of cases and noncases, we need to user higher cutpoints to reduce the percentage of nondeviant boys who are incorrectly classified as cases. Because 83.7% of the age 4-11 boys were classified as nondeviant according to the external criteria, reducing the percentage of misclassifications for this group increases the overall accuracy of classification more than if we reduce the percentage of misclassifications for the deviant group. By moving the cutpoint to scores ≥ 4, we can raise the overall accuracy of classification to 83.5%, with sensitivity = 26.6%, specificity = 94.6%, false positives = 51.1%, and false negatives = 11.0%.

As a compromise between the goals of maximizing overall accuracy of classification and maximizing sensitivity in detecting possible cases, a cutpoint ≥ 2 yields 78.8% overall accuracy, 63.1% sensitivity, 81.8% specificity, 59.6% false positives, and 8.1% false negatives. For most screening purposes, classification of age 4-11 boys as possible cases if they score ≥ 2 would be reasonably efficient, although a cutpoint ≥ 1 would increase detection of possible cases at the expense of increasing false positives.

Cutpoints of ≥ 1 and ≥ 2 may seem remarkably low, even on distributions of scores that can range only from 0 to 8. However, the 4 items used in each gender/age group were selected by multiple discriminant analyses as the best combination from a pool of 118 items for discriminating between demographically matched children who were referred versus children who were not referred for mental health services. Furthermore, items were selected for their discriminative power within each specific gender/age group, such as age 4-11 boys. A score of even 1 on any of the 4 selected items is thus apt to be a powerful indicator of certain kinds of needs for professional help.

It is important to note that there is great diversity in needs for mental health services. Consequently, no single item and no very small set of items can accurately reflect all the different needs. Furthermore, the external criteria for deviance used in the NHIS were quite coarse. They not only included talking to a mental health professional about the child, but also being told at any time in the child's life that the child had a disorder such as ADHD, mental retardation, or learning disability. Even if a parent had been told this by a professional at some time in the child's life, this does not mean that the child currently displays deviant levels of behavioral/emotional problems. The NHIS external criteria may therefore include children who are not currently deviant or in need of services for behavioral/emotional problems.

On the other hand, the distribution of problem scores for the children classified as nondeviant according to the external criteria suggest that small groups of quite deviant children were missed by the external criteria. The evidence for this is as follows: Among children who did not meet the external criteria for deviance, the number of children who obtained a score of 8 was considerably larger than the number who obtained scores of 5, 6, or 7. This tendency toward bi-modality, which was evident in the distribution of total problem scores for all 6 gender/age groups, suggests that exceptionally high scores on the problem items identify children who are quite deviant even though the NHIS external criteria for deviance failed to identify them.

No external criteria can be perfect, especially when the mental health questions are limited to a small portion of the lengthy NHIS interview. However, the inclusion of possibly quite deviant children in the groups classified *a priori* as nondeviant by the external criteria would weaken the association between cutpoints on the problem scores and classification of children as deviant according to the NHIS external criteria. It is possible that other NHIS data can be used to test the hypothesis that the children receiving high problem scores but not identified by the NHIS external criteria for deviance do need mental health services. If this hypothesis is supported, exclusion of these children from the group classified *a priori* as nondeviant could improve the accuracy with which cutpoints classify NHIS children as deviant versus nondeviant.

3. Summary for Boys and Girls Ages 4-11 and 12-17. The foregoing comments re: tradeoffs for lower vs. higher cutpoints and re: the coarseness of the external criteria pertain to all gender/age groups. The ROC data for both genders at ages 4-11 and 12-17 are summarized in Table 1.

1998 National Health Interview Survey - CHS Section

Table 1. Summary of ROC Analyses *Revised

Group	Total N[a]	Deviant N	Cutpoint	Sensitivity	Specificity	False Positives	False Negatives	% Correct
Boys 4-11	1519	243	≥ 1	82.3	64.4	69.4	5.0	67.3
			$\geq 2^b$	63.0	82.1	59.9	7.9	79.0
			≥ 3	42.4	90.4	54.4	10.8	82.7
			≥ 4	26.7	94.7	50.8	12.8	83.9
Girls 4-11	1466	138[c]	≥ 1	79.0	66.3	80.4	3.2	67.5
			$\geq 2^b$	58.0	81.6	75.3	5.1	79.4
			≥ 3	37.0	90.4	71.3	6.8	85.4
Boys 12-17	2441	522	≥ 1	85.8	63.4	61.0	5.7	68.2
			$\geq 2^b$	67.4	79.3	53.0	10.0	76.8
			≥ 3	49.0	89.0	45.3	13.5	80.4
Girls 12-17	2277	308	≥ 1	81.5	57.5	76.9	4.8	60.8
			$\geq 2^b$	58.1	75.7	72.8	8.0	73.3
			≥ 3	39.0	87.7	66.9	9.8	81.1

[a] Each age/gender group only contains records that contain yes/no responses to the appropriate mental health indicator questions and to the criterion group questions.

[b] A cutpoint of ≥ 2 appears to offer a reasonable compromise among the various measures of performance for all 4 gender/age groups.

[c] For girls ages 4-11, the N=138 classified as deviant according to external criteria is somewhat small to provide a basis for cutpoints. However, the performance of a cutpoint at ≥ 2 is similar to that for the other gender/age groups.

_____

In addition to the ROC data shown in Table 1, ROC analyses were also performed in which children receiving special education were added to the group that met the other external criteria for deviance. The addition of special education caused the biggest increase in cases among 4-11-year-old boys, where the addition of 32 who were receiving special education increased the number of cases from 252 to 284, and the percentage classified as deviant from 16.3% to 18.4%. However, the addition of recipients of special education to the criterion group of cases did not have large or consistent effects on the ROC results shown in Table 1. Although it may be worth making finer-grained analyses of specific kinds of special education and other specific kinds of external criteria for deviance, the results shown in Table 1 are probably fairly robust with respect to broad classifications of children who provide an appropriate criterion group defined in terms of previously identified mental health needs.

<u>Summary</u>

On the basis of the data provided to Dr. Achenbach from the 1997 NHIS, he makes the following recommendations regarding use of categorical cutpoints on scores of 0 to 8 obtained from parents' 0-1-2 ratings of the 4 behavioral/emotional problem items:

1. For reasons specified earlier, no categorical cutpoints should be used for ages 2-3.

2. For ages 4-17, problem scores ≥ 2 on the items specific to each gender/age group can be used to indicate possible needs for mental health services. The data shown in Table 1 can be used to select higher or lower cutpoints according to users' aims.

3. *It must be remembered that 4 items rated by parents cannot provide an adequate basis for assessment of individual children for clinical or other purposes. Much more comprehensive and individualized assessment is needed to draw conclusions about the functioning and needs of individual children.*

Note: Further evaluation of the Mental Health Indicator is being planned.

SOURCELC   Source of Medical Care
Recode

---

01   Has the same regular source for sick and routine/preventive care

02   Has a usual source for sick care, but does not have a usual source of
      routine/preventive care

03   Has a usual source for sick care, and has a usual source of routine/preventive care,
      but it is not/or it is unknown if it is the same source as the usual source of sick
      care

04   Has a usual source of sick care, but unknown if has a usual source of
      routine/preventive care

05   Has two or more usual sources of sick care and one of them is the source of
      routine/preventive care

06   Has a usual source for sick care, but does not have a usual source of
      routine/preventive care

07   Has two or more usual sources of sick care and has a usual source of
      routine/preventive care, but it is not/or it is unknown if it is the same source as
      the usual source of sick care

08   Has two or more usual sources of sick care, but unknown if has a usual source of
      routine/preventive care

09   No usual source of sick care or of routine/preventive care

10   No usual source of sick care , but has a usual source of routine/preventive care

11   No usual source of sick care , and unknown if has a usual source of
      routine/preventive care

12   Unknown if has usual source of sick care and does not have a usual source of
      routine/preventive care

13   Unknown if has usual source of sick care but has a usual source of
      routine/preventive care

14   Unknown if has usual source of sick care or of routine/preventive care

99   Unknown other