



# 2019-2020

## National Survey of Children's Health

### (Combined 2-year dataset)

#### SPSS CODEBOOK FOR DATA USERS:

*Child and Family Health Measures,  
National Performance and Outcome Measures, and Subgroups*

*Version 1.0: January 2022*



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## Recommended Citation

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\*Note: Due to changes in item(s) between survey years, these indicators could not be combined and are not available in this codebook.

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\*Note: Due to changes in item(s) between survey years, these indicators could not be combined and are not available in this codebook.



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The measures outlined in this document represent the intellectual leadership of MCHB, a Technical Expert Panel (TEP), the CAHMI team, and many DRC national advisors and experts.

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# INTRODUCTION

## Purpose of the 2019-2020 NSCH SPSS Codebook



This codebook contains documentation and SPSS program syntax used in the development of the Child and Family Health Measures, Title V MCH Block Grant National Performance and Outcome Measures, and subgroup variables featured in the National Data Resource Center for Child and Adolescent Health (DRC) interactive data query for the 2019-2020 (two years combined) National Survey of Children's Health (NSCH) located online at [www.childhealthdata.org](http://www.childhealthdata.org). The combined data from two years of the NSCH allows Title V programs and researchers to obtain both national and state-level estimates for measures that are not possible with smaller sample sizes from just one year alone. The increased sample size allows for more precise estimates in some cases and allows for estimates of low prevalence measures (e.g., autism spectrum disorder) that would otherwise not be possible.

**The purpose of the DRC codebook** is to serve as a resource for researchers and analysts interested in understanding how these measures are conceptualized, constructed and interpreted. This codebook complements the DRC 2019-2020 NSCH dataset, which includes all of the measures and subgroup variables listed herein. The dataset is available free of charge, using the "Request NSCH Datasets" feature on the [DRC website](http://drc.ahmi.org).

## The CAHMI's Data Resource Center for Child and Adolescent Health (DRC)

The DRC is a national center assisting in the design, development, documentation, and public dissemination of user-friendly information about, data findings on, and datasets and codebooks for the National Survey of Children's Health (NSCH). The DRC provides point-and-click online access to national and state-level findings from the NSCH.

The DRC is supported by the Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS) under grant number U59MC27866 and led by the Child and Adolescent Health Measurement Initiative (CAHMI) based at the Bloomberg School of Public Health, Johns Hopkins University. The DRC is located online at [www.childhealthdata.org](http://www.childhealthdata.org).

The main feature of the DRC is an interactive data query that includes over 300 standardized measures/items from the NSCH on the health and health care of children, youth, and families. Survey results can be stratified by the age, race/ethnicity, income, and other pertinent characteristics of children and youth nationwide and for any state where the sample size permits. The [survey](#)

[questionnaires](#), [sampling and administration diagrams](#), [methods reports](#), [selected papers](#), [publications](#) and [briefs](#) based on the surveys, and other resources can be accessed on the DRC web site.

## Overview of the NSCH

The National Survey of Children's Health (NSCH) is sponsored and directed by the U.S. Department of Health and Human Services, Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau (MCHB), and is conducted by the United States (U.S.) Census Bureau. The NSCH provides a broad range of information about children's health and well-being collected in a manner that allows comparisons among states as well as nationally. The survey is designed to:

- estimate national- and state-level prevalence for a variety of child and family health measures
- generate information about children, families, schools, and neighborhoods to help guide policymakers, advocates, and researchers
- provide estimates for 19 Title V Maternal and Child Health Services Block Grant National Outcome and Performance Measures and data for state-level Title V needs assessments and Healthy People 2030 objectives.

Questionnaire topics include demographics, health and functional status, health insurance coverage, health care access and utilization, medical home, early childhood (0–5 years) issues, issues specific to middle childhood and adolescence (6–17 years), family functioning, parental health status and family, and neighborhood and community characteristics.

Starting in 2016, the NSCH made several key changes from prior years of the survey. Among these changes, the NSCH consolidated content from two previous surveys (the prior version of the NSCH and the National Survey of Children with Special Health Care Needs) and is now administered via web- and paper-based (mailed) instruments as opposed to the random digit dial approach used previously. In addition, starting in 2016, the NSCH is being fielded annually.

The 2019 NSCH was conducted from June 2019 through January 2020; the 2020 NSCH was conducted from July 2020 to January 2021. A total of 72,210 surveys were completed nationally by parents/caregivers of children and youth. Approximately 1,416 surveys were completed per state, ranging from 1,185 to 3,639. The 2019 survey had a total of 29,433 completed surveys (state range: 474 to 651) while 2020 had 42,777 surveys completed (state range: 644 to 3,039). Survey data were adjusted and weighted to reflect the demographic composition of non-institutionalized children and youth aged 0–17 years in each state.

NSCH questionnaires can be completed online or by mail. Households receive a mailed invitation asking an adult in the household who is familiar with the child's health and health care (usually the parent) to

complete a short screener questionnaire (via web or paper). The screener questionnaire asks participants to identify all children ages 0-17 living in the household. If a child (or children) lives in the household, the participants who choose to respond online are instructed on how to access the survey online. Some addresses also receive a paper version of the screening questionnaire in the initial mail invitation. Only one child per household is randomly selected to be the subject of the detailed age-specific topical questionnaire. Participants can also request a paper copy of the screener and topical questionnaire if they do not wish to complete it online. All non-responding households receive two reminders in the mail. A mailed paper screener is provided if the household does not respond to the first two web-survey invitations.

In 2019, 79.2% of respondents completed the survey online and 28.8% completed using the paper instrument; in 2020 90.4% of respondents completed the survey online and 9.6% completed the paper instrument. The U. S. Census Bureau conducted non-response bias analyses and reviewed response distributions for all items independently and compared with the 2019 NSCH by response mode and child age and found that state and national estimates from the 2020 NSCH are representative and comparable to the 2019 data. More information about the potential explanations of the response mode change in 2020 and non-response bias analysis are available in the [2020 NSCH Methodology Report](#) and [the 2020 NSCH Nonresponse Bias Analysis](#) document.

A visual diagram of the survey sampling and administration process is available on the [DRC website](#). More detailed information about the sampling and administration of the survey is available in the NSCH Methodology Reports ([2019](#) and [2020](#)).

***Please note that due to changes in the NSCH's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, it is not possible to compare estimates from surveys conducted from 2016 forward to any of the previously administered surveys and also not possible to conduct trend analyses with data collected prior to 2016.*** Data collected since 2016 can be compared with subsequent years for items and measures which have not changed. See "What's new and changed in the 2020 National Survey of Children's Health as compared to the 2019 NSCH" and a crosswalk of survey items across 2016-2020 on the [DRC website](#).

Additional resources detailing information about the NSCH - including Fast Facts, a Survey Sampling and Administration Diagram, and a Guide to Topics and Questions - are available [on the DRC](#). The public use data files for the 2019 and 2020 NSCH, along with the Methodology Report and other relevant background information and documentation are located on the [U.S. Census Bureau website](#) and on the [HRSA's MCHB website](#).

## Important Information Regarding the 2019-2020 (two years combined) NSCH Data

### Combined dataset

A combined dataset is one where two or more datasets from individual survey rounds (in this case, the 2019 and 2020 NSCH) are combined into one dataset. The 2019 and 2020 NSCH data files were appended using a unique household identifier (HHID). Only items that are the same across both datasets are included in the DRC-produced combined dataset. Information on how to combine the datasets and weight adjustments is available in the [Guide to Analysis of Multi-Year NSCH Data](#) provided by the U.S. Census Bureau.

### Weighting

Each record in the individual 2019 and 2020 NSCH public release datasets is assigned a single sampling weight (variable name FWC, which is not included in the combined dataset for data analysis accuracy purposes). In the combined 2019-2020 dataset, each individual survey weight has been divided by two (FWC/2). The combined dataset provided by CAHMI's DRC includes the adjusted weight variable “**fwc\_1920**”.

The weighting process for the interviewed children begins with the base weight for each sample household, followed by an adjustment for screener nonresponse. Then, the eligible children from the screener interview cases are adjusted to population controls, and a within-household subsampling factor is applied to the screener interview cases. Next, an adjustment for topical nonresponse is applied to the topical interview cases. Lastly, adjustments are used to match each state’s weighted survey responses to selected characteristics of the state’s population of non-institutionalized children age 0-17. Characteristics include those such as household size, household poverty threshold, educational attainment of the household respondent, race, ethnicity, and special health care needs status by state, as well as national age and sex distributions.

State population counts were obtained from the American Community Survey (ACS). More details are available within the [2019](#) and [2020](#) National Survey of Children’s Health Methodology Reports and Source and Accuracy Statements ([2019](#) and [2020](#)), and [Guide to Analysis of Multi-Year NSCH Data](#) published by the U.S. Census Bureau.

### Variance estimation

The use of statistical software with the capacity to take into account the complex sampling design of the NSCH is required in order to appropriately calculate the variances, the associated standard errors, and confidence intervals required for accurate statistical hypothesis testing. Computer programs capable of

variance estimation for complex sample designs include SAS survey procedures, SAS-callable SUDAAN survey procedures, Stata, WesVar, SPSS Complex Samples and R with the separate survey package.

The survey sampling plan should be set up as follows:

**Strata**: FIPSST (state of residence) and STRATUM (identifies households with children)

**Cluster**: HHID (unique household identifier)

**Weight**: fwc\_1920

Additional information about stratum identifiers for specific statistical software (Stata and SAS-callable SUDAAN) is available in the NSCH [Methodology Reports](#) and [Guide to Analysis of Multi-Year NSCH Data](#) provided by the U.S. Census Bureau.

Example code for SPSS is as follows:

```
CSTABULATE  
/PLAN FILE='C:\Desktop\2019-2020NSCH_Topical_AnalysisPlan.csaplan'  
/TABLES VARIABLES=npm6DSc_1920  
/CELLS POPSIZE TABLEPCT  
/STATISTICS SE CIN(95) COUNT  
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

The NSCH was designed to provide representative estimates for each of the 50 states and the District of Columbia. Subsetting the survey data to a particular state **does not compromise** the design structure of the survey. However, **it is important to note that subsetting to any other population subgroup** (e.g., age group, race/ethnicity, or income) within or across states will lead to **incorrect standard error estimation**, even if complex samples statistical software is used. **To avoid this problem, use a subpopulation procedure that allows targeting specific subpopulations for analysis while retaining the full sample design information, such as SUDAAN's SUBPOPN option.**

## State data availability

Due to the increased sample size of the combined 2019-2020 NSCH dataset (compared with the single year data alone), state-level data is available for many indicators/items and Title V Services Block Grant National Performance and Outcome Measures. Some rare conditions or single items may still have a restricted data sample even with the combined years, thereby limiting the availability of state-level data or subgroup-level data. The DRC data query alerts data users when estimates are suppressed or flagged as imprecise using the criteria set by the HRSA's Maternal Child Health Bureau (MCHB). The data suppression and precision alert used for the DRC data query is available [here](#).

## Specific note about state and national level estimates for detailed race categories

It is important to note that the U.S. Census Bureau uses state and national population controls for the White, Black, Asian, and Other race categories. However, American Indian or Alaska Native (AIAN), Native Hawaiian and Other Pacific Islander (NHPI), some “Other”, and “Two or More Races” are not controlled independently. Therefore, the **U.S. Census Bureau does not recommend using state or national population estimates for these race categories.** In addition, state samples for **Black, Asian and Hispanic Origin** are too small ( $n < 30$ ) in some states and **should not be used to derive population estimates** in the following states:

- **Black:** AK, AZ, CA, CO, CT, HI, ID, IA, KS, ME, MA, MN, MT, NE, NH, NM, ND, OK, OR, SD, UT, VT, WA, WV, WI, WY
- **Asian:** AL, AZ, AR, CO, DC, FL, ID, IN, IA, KS, KY, LA, ME, MI, MS, MO, MT, NE, NH, NM, NC, ND, OH, OK, OR, PA, RI, SC, SD, TN, UT, VT, WV, WI, WY
- **Hispanic Origin:** AL, KY, ME, MI, MS, MO, ND, SD, VT, WV

## Substate data availability

The 2019 and 2020 National Surveys of Children’s Health report four geographic variables in the public use file: FIPSST (State of Residence), CBSAFP\_YN (Core-Based Statistical Area Status), METRO\_YN (Metropolitan Statistical Area Status), and MPC\_YN (Metropolitan Principal City Status). Data for CBSAFP\_YN, METRO\_YN, and MPC\_YN are not reported for some states in the public use file. More information about the geographic variables can be found on the U.S. Census Bureau’s 2019 and 2020 National Survey of Children’s Health, Methodology Reports.

Zip code data are not released in the public use dataset due to confidentiality restrictions. Confidential data from the survey are managed by the Research Data Center of the U.S. Census Bureau; information on how to access these data may be found on the U.S. Census Bureau’s [Research Data Center](#) web page.

## Interpretation of results

The respondents to the NSCH are parents or guardians who best know the child’s health. However, the results are weighted to **reflect the population of children and youth ages 0–17, not parents or families.** Thus, results are reported in terms of children/youth, even if the question refers to the parents or family. For example, when reporting on maternal health status, it is correct to say: “...percentage of children whose mothers are in excellent or very good health,” **NOT** “...percentage of mothers who are in excellent or very good health....”

Additionally, it is good to keep in mind that the condition-specific information in this survey is based on parent reports, not clinical diagnosis. Height and weight information used to calculate the Body Mass Index (BMI)-for-age indicator is also derived from parent reports, not biometric measurements.

Please pay careful attention to the valid denominator of responders to specific questions when interpreting results for this survey. Although most of the questions were asked for all children ages 0–17, some questions of the survey targeted specific age groups: ages 0–5, 3–5, 6–17, 10–17, and 12–17 years. In several parts of the survey, follow-up questions were asked only if parents gave a specific response to an earlier question.

### Treatment of unknown/missing values

Missing values may be due to non-response (i.e. a skipped item) or a “don’t know” response. The way these items are handled can vary by measure. For NPMs and NOMs, having missing values for all items in an indicator will lead to the case being given a missing value on the overall measure. For some other measures, if there is a missing value on any of the items, the case will be set to missing. How missing values are handled is documented in the "Additional notes" field when required.

Missing values are not included in the denominator when calculating prevalence estimates and weighted population counts displayed in the Interactive Data Query. In the majority of cases, the proportion of missing values is less than 2%. Exceptions are noted in the form of a Data Alert at the bottom of a results table. The exclusion of these values does not change the prevalence estimates (%) and only marginally affects the weighted population counts (Pop. Est.). A few questions have higher proportions of unknown values, most notably BMI-for-age (3.3% unweighted) of children age 10–17, nationwide (2019–2020 NSCH). An assessment of how missing values impact population count estimates is available on the [DRC website](#).

The SPSS data files for the 2019–2020 combined NSCH include special missing value codes for analysts who may wish to differentiate between different types of missing values as shown in Table 1.

**Table 1. SPSS special missing value codes**

Code	Category	Description
95	Legitimate skip	<ul style="list-style-type: none"><li>The item is not applicable to the respondent, as determined by a previous answer to a root question.</li><li>Some questions were asked about children in the survey and then later excluded (set to 95) due to the indicator/measure denominator definition (e.g. the denominator for NOM 17.3 Autism/ASD is children age 3–17 years even though the survey question was asked for all children (0–17). Children age 0–2 years were set to 95 for this measure.)</li></ul>

99	Missing in error	The value is missing due to respondent or system errors, or the respondent did not provide a valid answer.
90	Not in universe	The item was not included on the respondent's age-specific topical questionnaire.
96	Suppressed for confidentiality	The value is suppressed in order to protect the privacy of the respondent/child.

## Imputation of missing values

The poverty level variable had 17.6% (2019) missing values and 19.7% (2020), which may result in biased estimates. Therefore, the missing values were imputed by the U.S. Census Bureau. The impact of missing values on population count estimates is available on the [DRC website](#). The 2019 and 2020 NSCH topical public use files provided by the U.S. Census Bureau contains all 6 imputed FPL (FPL\_I1-FPL\_I6) variables. A [data file](#) and [documentation](#) containing all six imputations for the household poverty level variable is available on the United States [Census Bureau website](#).

The 2019 and 2020 data files also offer several other imputed variables, such as household tenure (TENURE), child's sex (SC\_SEX), race (SC\_RACE\_R, SC\_RACEASIA, SC\_RACEAIAN), Hispanic origin (SC\_HISPANIC\_R), household size (HHCOUNT) and Adult 1's highest education level (A1\_GRAD\_I) with a corresponding flag variable to let you know which cases were imputed.

The poverty level variable povlev4\_1920 in the DRC NSCH combined dataset was generated using a **single imputation value** from the 2019 and 2020 data file (FPL\_I1). Please note that poverty level **estimates and confidence intervals based on single imputed income values may differ slightly from those obtained using multiple imputation methods**. All six imputed poverty level variables are available in the DRC combined dataset for users who wish to estimate poverty level with multiple imputation.

Additional information about the multiple imputation can be found on the [U.S. Census Bureau's NSCH webpage](#).

## Verification of variables constructed using codebook syntax

Unweighted frequency distributions for all of the variables in this codebook are located in Appendix A. These distributions should be used ONLY as a resource for cross-checking results, NOT for reporting of the survey estimates.

The list of variables for the 2019-2020 combined dataset is available in the compressed folder you have downloaded from the [DRC website](#)

**2019-2020 Combined**

**National Survey of Children's Health**

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**Child and Family Health Measures and**



***Physical, Oral Health and Functional Status***

Indicator 1.1	Health status (ChHlthSt_1920)
Description	In general, how would you describe this child's health?
Survey Items Used	Survey instrument item number for children 0-5 years: A1; for children 6-11 years: A1; for children 12-17 years: A1 Variable in public use data file: K2Q01
Denominator	Children age 0-17 years
Numerator/Response Categories	Excellent or very good; Good; Fair or poor
<b>Notes for Data-Users</b>	
This measure combines five response categories (excellent, very good, good, fair, and poor) into three response categories.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE K2Q01 (1 thru 2=1) (3=2) (4 thru 5=3) (99=99) into ChHlthSt_1920. VARIABLE LABELS ChHlthSt_1920 "Indicator 1.1: Children's overall health status". VALUE LABELS ChHlthSt_1920 1 "Excellent or very good" 2 "Good" 3 "Fair or poor" 99 "Missing" . MISSING VALUES ChHlthSt_1920(99). FORMATS ChHlthSt_1920(f2.0) . EXECUTE. </pre>	

<b>Indicator 1.2</b>	<b>Condition of teeth, age 1-17 years (TeethCond_1920)</b>
<b>Description</b>	How would you describe the condition of this child's teeth, age 1-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: A2; for children 6-11 years: A2; for children 12-17 years: A2 Variable in public use data file: K2Q01_D
<b>Denominator</b>	Children age 1-17 years
<b>Numerator/Response Categories</b>	Excellent or very good; Good; Fair or poor
<b>Notes for Data-Users</b>	
This measure combines five response categories (excellent, very good, good, fair, and poor) into three response categories. Children who have no natural teeth or who are less than one year old are not included in this indicator.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE K2Q01_D (1 thru 2=1) (3=2) (4 thru 5=3) (6=95) (99=99) into TeethCond_1920. IF SC_AGE_YEARS &lt; 1 TeethCond_1920 = 95. VARIABLE LABELS TeethCond_1920 "Indicator 1.2: Overall condition of children's teeth, age 1-17 years". VALUE LABELS TeethCond_1920 1 "Excellent or very good" 2 "Good" 3 "Fair or poor" 95 "Children age less than year old or Children with no teeth" 99 "Missing". MISSING VALUES TeethCond_1920(95,99). FORMATS TeethCond_1920(f4.0). EXECUTE. </pre>	

Indicator 1.2a	Oral health problems, age 1-17 years (OralProb_1920)
Description	During the past 12 months, has this child had oral health problems such as toothaches, bleeding gums or decayed teeth or cavities, age 1-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: A4g-i (2019), A3g-i (2020); for children 6-11 years: A6e-g (2019), A3e-g (2020); for children 12-17 years: A6e-g (2019), A3e-g (2020) Variables in public use data file: CAVITIES; GUMBLEED; TOOTHACHES
Denominator	Children age 1-17 years
Numerator/Response Categories	One or more oral health problems; No oral health problems
Notes for Data-Users	This measure was created based on three survey questions: whether the child had a toothache in the past 12 months, whether the child had bleeding gums in the past 12 months, or whether the child had decayed teeth/cavities in the past 12 months. Cases with no valid responses to all three questions were set to missing. Although the questions were asked for all children, the denominator of this measure is children age 1-17 years.
Revisions and Changes	There have been no substantive changes to this item or measure since 2016.
SPSS Syntax and Annotation	<pre> COMPUTE toothache_1920 = TOOTHACHES. IF SC_AGE_YEARS &lt; 1 toothache_1920 = 95. VARIABLE LABELS toothache_1920 "Children who had toothache during the past 12 months, age 1-17 years". VALUE LABELS toothache_1920 1 "Yes" 2 "No" 95 "Children age less than 1 year old" 99 "Missing". MISSING VALUES toothache_1920(95,99). EXECUTE.  COMPUTE gumbleed_1920 = GUMBLEED. IF SC_AGE_YEARS &lt; 1 gumbleed_1920 = 95. VARIABLE LABELS gumbleed_1920 "Children who had bleeding gums during the past 12 months, age 1-17 years". VALUE LABELS gumbleed_1920 1 "Yes" 2 "No" </pre>

```

95 "Children age less than 1 year old"
99 "Missing".
MISSING VALUES gumbleed_1920(95,99).
EXECUTE.

COMPUTE cavities_1920 = CAVITIES.
IF SC_AGE_YEARS < 1 cavities_1920 = 95.
VARIABLE LABELS cavities_1920 "Children who had decayed teeth or cavities during the past 12
months, age 1-17 years".
VALUE LABELS cavities_1920
1 "Yes"
2 "No"
95 "Children age less than 1 year old"
99 "Missing".
MISSING VALUES cavities_1920(95,99).
EXECUTE.

COUNT ctOralProb_1920 = TOOTHACHES GUMBLEED CAVITIES(1).
IF TOOTHACHES = 99 and GUMBLEED =99 and CAVITIES = 99 ctOralProb_1920 = 99.
IF SC_AGE_YEARS < 1 ctOralProb_1920 = 95.
VARIABLE LABELS ctOralProb_1920 "Number of oral health problems, age 1-17 years".
VALUE LABELS ctOralProb_1920
0 "No oral health problems"
1 "One oral health problem"
2 "Two oral health problems"
3 "Three oral health problems"
95 "Children age less than 1 year"
99 "Missing to all".
COMPUTE OralProb_1920 = 999.
IF ctOralProb_1920 = 0 OralProb_1920 = 2.
IF ctOralProb_1920 > 0 OralProb_1920 = 1.
IF ctOralProb_1920 = 99 OralProb_1920 = 99.
IF SC_AGE_YEARS < 1 OralProb_1920 = 95.
VARIABLE LABELS OralProb_1920 "Indicator 1.2a: Oral health problems: toothache, bleeding gums,
and/or decayed teeth or cavities, age 1-17 years".
VALUE LABELS OralProb_1920
1 "One or more"
2 "None"
95 "Children age less than 1 year"
99 "Missing to all".
MISSING VALUES OralProb_1920(95,99).
FORMATS OralProb_1920(f2.0).
EXECUTE.

```

<b>Indicator 1.3</b>	<b>Breastfed ever, age 0-5 years (BrstEver_1920)</b>
<b>Description</b>	Was this child ever breastfed or fed breast milk, age 0-5 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: B5 Variable in public use data file: K6Q40
<b>Denominator</b>	Children age 0-5 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
This measure was derived from a single item.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE K6Q40 (else=copy) into BrstEver_1920. IF SC_AGE_YEARS &gt; 5 BrstEver_1920 = 90. VARIABLE LABELS BrstEver_1920 "Indicator 1.3: Children who were ever breastfed or fed breast milk, age 0-5 years". VALUE LABELS BrstEver_1920 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 6-17 years". MISSING VALUES BrstEver_1920(90,99). FORMATS BrstEver_1920(f4.0). EXECUTE. </pre>	

Indicator 1.3a	Exclusively breastfed, age 6 months-5 years (ExBrstFd_1920)
Description	Was this child exclusively breastfed for first 6 months, age 6 months-5 years?
Survey Items Used	Survey instrument item number for children age 0-5 years: B5-B8 Variables in public use data file: K6Q40; BREASTFEDEND_MO_S; FRSTFORMULA_MO_S; FRSTSOLIDS_MO_S; K6Q41R_STILL; K6Q42R_NEVER; K6Q43R_NEVER (derived)
Denominator	Children age 6 months - 5 years
Numerator/Response Categories	Never breastfed or given breast milk; Exclusively breastfed for first 6 months; Breastfed first 6 months, not exclusively; Breastfed, exclusivity not known
<b>Notes for Data-Users</b>	
<p>Four questions were used to construct this measure: 1) whether the child was ever breastfed or fed breast milk, 2) age at which breastfeeding completely stopped, 3) age at which formula was introduced, and 4) age at which anything other than breast milk or formula was introduced.</p> <p>To qualify as having been exclusively breastfed for six months, children must meet all of the following: 1) be at least six months old, 2) did not stop breastfeeding before six months of age, and 3) were not introduced to formula or anything other than breast milk (including water, juice, cow's milk, sugar water, baby food, or anything else, even water) until at least six months old. These items were top-coded to standardize them into days and months, and this measure uses standardized months.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE BrstStop_1920 = 999. IF BREASTFEDEND_MO_S &lt; 6 BrstStop_1920 = 1. IF BREASTFEDEND_MO_S &gt;= 6 OR K6Q41R_STILL = 1 BrstStop_1920 = 2. IF K6Q40 = 2 BrstStop_1920 = 95. IF BREASTFEDEND_MO_S = 99 BrstStop_1920 = 99. IF SC_AGE_YEARS &gt; 5 BrstStop_1920 = 90. VARIABLE LABELS BrstStop_1920 "Age in months of when stopped breastfeeding". VALUE LABELS BrstStop_1920 1 "Less than 6 months" 2 "6 months or longer, or still breastfeeding" 95 "Never breastfeed" 99 "Missing" 90 "Children age 6-17 years".  COMPUTE FedForm_1920 = 999. IF FRSTFORMULA_MO_S &lt; 6 FedForm_1920 = 1. </pre>	

```

IF FRSTFORMULA_MO_S >= 6 or K6Q42R_NEVER = 1 FedForm_1920 = 2.
IF FRSTFORMULA_MO_S=99 FedForm_1920 = 99.
IF SC_AGE_YEARS > 5 FedForm_1920 = 90.
VARIABLE LABELS FedForm_1920 "Age in months when first fed formula".
VALUE LABELS FedForm_1920
1 "Earlier than 6 months"
2 "6 months or after or never fed formula"
99 "Missing"
90 "Children age 6-17 years".

COMPUTE FedOther_1920=999.
IF FRSTSOLIDS_MO_S < 6 FedOther_1920 = 1.
IF FRSTSOLIDS_MO_S >= 6 or K6Q43R_NEVER = 1 FedOther_1920 = 2.
IF FRSTSOLIDS_MO_S=99 FedOther_1920 = 99.
IF SC_AGE_YEARS > 5 FedOther_1920 = 90.
VARIABLE LABELS FedOther_1920 "Age in months when first fed other food".
VALUE LABELS FedOther_1920
1 "Earlier than 6 months"
2 "6 months or after or never fed other food"
99 "Missing"
90 "Children age 6-17 years".

COMPUTE ExBrstFd_1920 = 4.
IF BrstStop_1920 = 2 and FedForm_1920 = 2 and FedOther_1920 = 2 ExBrstFd_1920 = 2.
IF BrstStop_1920 = 1 or FedForm_1920 = 1 or FedOther_1920 = 1 ExBrstFd_1920 = 3.
IF K6Q40 = 2 ExBrstFd_1920 = 1.
IF K6Q40=99 ExBrstFd_1920 = 99.
IF SC_AGE_LT6 = 1 ExBrstFd_1920 = 95.
IF SC_AGE_YEARS > 5 ExBrstFd_1920 = 90.
VARIABLE LABELS ExBrstFd_1920 "Indicator 1.3a: Exclusively breastfed or given breast milk for first 6 months, age 6 months-5 years".
VALUE LABELS ExBrstFd_1920
1 "Never breastfed or given breast milk"
2 "Exclusively breastfed for first 6 months"
3 "Breastfed first 6 months, not exclusively"
4 "Breastfed, exclusivity not known"
99 "Missing"
95 "Children less than 6 months"
90 "Children age 6-17 years".
MISSING VALUES ExBrstFd_1920(90,95,99).

```

Indicator 1.4	Weight status (BMI) in 4 categories, age 10-17 year (BMI4_1920)
Description	What is the weight status of this child based on Body Mass Index (BMI)-for-age, age 10-17 years?
Survey Items Used	Survey instrument item number for children 10-11 years: C4,C5; for children 12-17 years: C5,C6 Variable in public use file: BMICLASS (derived)
Denominator	Children age 10-17 years
Numerator/Response Categories	Underweight (less than 5th percentile); Normal weight (5th to 84th percentile); Overweight (85th to 94th percentile); Obese (95th percentile or above)
<b>Notes for Data-Users</b>	
<p>Assessment of body mass index (BMI) in children and teenagers is approached differently than for adults. Because growth patterns differ, BMI in youth is age and gender specific. BMI-for-age categories are: Underweight - Less than the 5th percentile; Healthy weight - 5th percentile to less than the 85th percentile; Overweight - 85th to less than the 95th percentile; Obese - Equal to or greater than the 95th percentile. Additional information about BMI-for-age is available from the CDC website.</p> <p>The child's age in months is used to calculate BMI-for-age. However, since the NSCH reports age only in years, all children were assumed to be at the midpoint of their age-year for this calculation. In the NSCH, BMI is based on parents' recollection of the selected child's height and weight. Responses to these questions about child's current height and weight were not independently verified (e.g., measurement, health records, etc.). A study comparing parent-reported height and weight estimates from the 2003 NSCH with results of physical measurement from the National Health and Nutrition Examination Survey (NHANES) revealed that parents typically overestimate height and underestimate weight of children younger than 10 years of age. (Lara J. Akinbami, Cynthia L. Ogden. (2009) Childhood Overweight Prevalence in the United States: The Impact of Parent-reported Height and Weight. <i>Obesity</i> 17:1574-1580); therefore, BMI for children under 10 years of age is not reported in this measure.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item/measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE BMI4_1920 = BMICLASS. IF SC_AGE_YEARS &lt; 10 BMI4_1920 = 90. VARIABLE LABELS BMI4_1920 "Indicator 1.4: Weight status of the child based on Body Mass Index (BMI)-for-age in four categories, 10-17 years". VALUE LABELS BMI4_1920 1 "Underweight (less than 5th percentile)" 2 "Normal weight (5th to 84th percentile)" 3 "Overweight (85th to 94th percentile)" 4 "Obese (95th percentile or above)" 99 "Missing" </pre>	

90 "Children age 0-9 years".  
MISSING VALUES BMI4\_1920(90,99).  
EXECUTE.

Indicator 1.4a	Weight status (BMI) in 3 categories, age 10-17 years (BMI3_1920)
Description	Is this child currently overweight or obese, based on Body Mass Index (BMI)-for-age, age 10-17 years?
Survey Items Used	Survey instrument item number for children 10-11 years: C4,C5; for children 12-17 years: C5,C6 Variable in public use file: BMICLASS (derived)
Denominator	Children age 10-17 years
Numerator/Response Categories	Underweight (less than 5th percentile); Normal weight (5th to 84th percentile); Overweight or obese (85th percentile or above)
<b>Notes for Data-Users</b>	
<p>Assessment of body mass index (BMI) in children and teenagers is approached differently than for adults. Because growth patterns differ, BMI in youth is age and gender specific. BMI-for-age categories are: Underweight - Less than the 5th percentile; Healthy weight - 5th percentile to less than the 85th percentile; Overweight - 85th to less than the 95th percentile; Obese - Equal to or greater than the 95th percentile. Additional information about BMI-for-age is available from the CDC website.</p> <p>The child's age in months is used to calculate BMI-for-age. However, since the NSCH reports age only in years, all children were assumed to be at the midpoint of their age-year for this calculation. In the NSCH, BMI is based on parents' recollection of the selected child's height and weight. Responses to these questions about child's current height and weight were not independently verified (e.g., measurement, health records, etc.). A study comparing parent-reported height and weight estimates from the 2003 NSCH with results of physical measurement from the National Health and Nutrition Examination Survey (NHANES) revealed that parents typically overestimate height and underestimate weight of children younger than 10 years of age. (Lara J. Akinbami, Cynthia L. Ogden. (2009) Childhood Overweight Prevalence in the United States: The Impact of Parent-reported Height and Weight. <i>Obesity</i> 17:1574-1580); therefore, BMI for children under 10 years of age is not reported in this measure.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item/measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE BMI3_1920 = 999. IF BMICLASS = 1 BMI3_1920 = 1. IF BMICLASS = 2 BMI3_1920 = 2. IF BMICLASS = 3 or BMICLASS = 4 BMI3_1920 = 3. IF BMICLASS=99 BMI3_1920 = 99. IF SC_AGE_YEARS &lt; 10 BMI3_1920 = 90. VARIABLE LABELS BMI3_1920 "Indicator 1.4a: Weight status of children based on Body Mass Index (BMI)-for-age in three categories, 10-17 years". VALUE LABELS BMI3_1920 1 "Underweight (less than 5th percentile)" 2 "Normal weight (5th to 84th percentile)" </pre>	

3 "Overweight or obese (85th percentile or above)"  
99 "Missing"  
90 "Children age 0-9 years".  
MISSING VALUES BMI3\_1920(90,99).  
EXECUTE.

<b>Indicator 1.4b</b>	<b>Ever told that child is overweight (ToldOverweight_1920)</b>
<b>Description</b>	Has a doctor or other health care provider ever told you that this child is overweight?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C5; for children 6-11 years: C7; for children 12-17 years: C8 Variables in public use data file: OVERWEIGHT
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
This measure was derived from a single item based on parent recollection. The child's overweight status is not verified by child's weight or Body Mass Index (BMI-for-age).	
<b>Revisions and Changes</b>	
This item was added in 2018. There have been no substantive changes to this measure since 2018.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE ToldOverweight_1920 = OVERWEIGHT. VARIABLE LABELS ToldOverweight_1920 "Indicator 1.4b: Children who ever told by a doctor or health professional that they have overweight". VALUE LABELS ToldOverweight_1920 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES ToldOverweight_1920(99). EXECUTE. </pre>	

Indicator 1.5	Physical activity, age 6-17 years (PhysAct_1920)
Description	During the past week, on how many days did this child exercise, play a sport, or participate in physical activity for at least 60 minutes, age 6-17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: G6; for children 12-17 years: G6 Variable in public use data file: PHYSACTIV
Denominator	Children age 6-17 years
Numerator/Response Categories	0 days; 1-3 days; 4-6 days; Every day
<b>Notes for Data-Users</b>	
This question is asked for children between 6 and 17 years of age.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE PhysAct_1920 = PHYSACTIV. IF SC AGE_YEARS &lt; 6 PhysAct_1920 = 90. VARIABLE LABELS PhysAct_1920 "Indicator 1.5 Children who are physically active at least 60 minutes per day, age 6-17 years". VALUE LABELS PhysAct_1920 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Every day" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES PhysAct_1920(90,99). FORMATS PhysAct_1920(f2.0). EXECUTE. </pre>	

Indicator 1.6	Concerns about weight (WgtConcn_1920)
Description	Are you concerned about this child's weight?
Survey Items Used	Survey instrument item number for children 0-5 years: C4; for children 6-11 years: C6; for children 12-17 years: C7 Variable in public use data file: WGTCNC
Denominator	Children age 0-17 years
Numerator/Response Categories	Yes, concerned it is too high; Yes, concerned it is too low; No, not concerned
Notes for Data-Users	This measure was derived from a single item.
Revisions and Changes	There have been no substantive changes to this item or measure since 2016.
SPSS Syntax and Annotation	<pre> COMPUTE WgtConcn_1920 = WGTCNC. VARIABLE LABELS WgtConcn_1920 "Indicator 1.6: Parental concern about their children's weight". VALUE LABELS WgtConcn_1920 1 "Yes, concerned it is too high" 2 "Yes, concerned it is too low" 3 "No, not concerned" 99 "Missing". MISSING VALUES WgtConcn_1920(99). FORMATS WgtConcn_1920(f2.0). EXECUTE. </pre>

<b>Indicator 1.7</b>	<b>Low birth weight (LowBWght_1920)</b>
<b>Description</b>	Was this child born with a low birth weight, that is, they weighed less than 2500 grams at birth?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: B3; for children 6-11 years: B3; for children 12-17 years: B3 Variable in public use data file: BIRTHWT_L (derived)
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Child was born with low birth weight; Child did not have a low birth weight
<b>Notes for Data-Users</b>	
The public use data file provided by the U.S. Census Bureau includes several variables indicating the child's birth weight status: BIRTHWT_OZ_S, BIRTHWT, BIRTHWT_VL and BIRTHWT_L. The detailed birth weight in ounces is available in the standardized variable BIRTHWT_OZ_S. The variable BIRTHWT categorizes children's birth weight into three categories: very low birth weight, low birth weight, and not low birth weight. BIRTHWT_VL and BIRTHWT_L variables are binary variables defining whether the child was born with low or very low birth weight.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE LowBWght_1920 = BIRTHWT_L. VARIABLE LABELS LowBWght_1920 "Indicator 1.7: Children who were born with a low birth weight, that is they weighed less than 2500 grams at birth". VALUE LABELS LowBWght_1920 1 "Child was born with low birth weight" 2 "Child did not have a low birth weight" 99 "Missing". MISSING VALUES LowBWght_1920(999). EXECUTE. </pre>	

Indicator 1.7a	Low or very low birth weight (VeryLBWght_1920)
Description	Was this child born with a low birth weight, that is, they weighed less than 2500 grams at birth, or a very low birth weight, that is, less than 1500 grams?
Survey Items Used	Survey instrument item number for children 0-5 years: B3; for children 6-11 years: B3; for children 12-17 years: B3 Variable in public use data file: BIRTHWT_VL (derived)
Denominator	Children age 0-17 years
Numerator/Response Categories	Child was born with very low birth weight (<1500g); Child was born with low birth weight (1500g - <2500g); Child did not have a low birth weight
Notes for Data-Users	The public use data file provided by the U.S. Census Bureau includes several variables indicating the child's birth weight status: BIRTHWT_OZ_S, BIRTHWT, BIRTHWT_VL and BIRTHWT_L. The detailed birth weight in ounces is available in the standardized variable BIRTHWT_OZ_S. The variable BIRTHWT categorizes children's birth weight into three categories: very low birth weight, low birth weight, and not low birth weight. BIRTHWT_VL and BIRTHWT_L variables are binary variables defining whether the child was born with low or very low birth weight.
Revisions and Changes	There have been no substantive changes to this item or measure since 2016.
SPSS Syntax and Annotation	<pre> COMPUTE VeryLBWght_1920 = BIRTHWT. VARIABLE LABELS VeryLBWght_1920 "Indicator 1.7a: Children who were born with a low birth weight, that is they weighed less than 1500 grams at birth". VALUE LABELS VeryLBWght_1920 1 "Child was born with very low birth weight (&lt;1500g)" 2 "Child was born with low birth weight (1500-&lt;2500g)" 3 "Child did not have a low birth weight" 99 "Missing". MISSING VALUES VeryLBWght_1920(99). EXECUTE. </pre>

<b>Indicator 1.8</b>	Premature birth (BornPre_1920)
<b>Description</b>	Was this child born more than 3 weeks before his or her due date?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: B1; for children 6-11 years: B1; for children 12-17 years: B1 Variable in public use data file: K2Q05
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
The measure was derived from a single item.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE BornPre_1920 = K2Q05. VARIABLE LABELS BornPre_1920 "Indicator 1.8: Children who were born premature, that is more than 3 weeks before their due date". VALUE LABELS BornPre_1920 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES BornPre_1920(99). EXECUTE. </pre>	

Indicator 1.9	One or more health conditions (Cond2more_1920)
<b>Description</b>	Does this child have current or lifelong health conditions from a list of 26 health conditions?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: A5 (2019), A4(2020), A5a-b(2019), A4a-b(2020), A6-A27(2019), A5-A25(2020), A32(2019), A30(2020), A33(2020); for children 6-11 years: A7(A7a-e)-A30(2019), A4(A4a-e)-A25(2020), A30(2020), A33(2020), A35(2019); for children 12-17 years: A7(A7a-e)-A30(2019), A35(2019), A4(A4a-e)-A25(2020), A30(2020), A33(2020), Variables in public use data file: ALLERGIES; ALLERGIES_CURR; ARTHRITIS; ARTHRITIS_CURR; K2Q40A; K2Q40B; BLOOD; K2Q46A; K2Q46B; K2Q61A; K2Q61B; CYSTFIB; K2Q41A; K2Q41B; DOWNSYN; K2Q42A; K2Q42B; GENETIC; HEART; HEART_CURR; HEADACHE; HEADACHE_CURR; K2Q38A; K2Q38B; K2Q33A; K2Q33B; K2Q32A; K2Q32B; K2Q34A; K2Q34B; SUBABUSE; SUBABUSE_CURR; K2Q36A; K2Q36B; K2Q60A; K2Q60B; K2Q37A; K2Q37B; K2Q30A; K2Q30B; K2Q35A; K2Q35B; K2Q31A; K2Q31B; K2Q43B; BLINDNESS
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Does not have any current or lifelong health conditions; Has 1 current or lifelong health condition; Has 2 or more current or lifelong health conditions
<b>Notes for Data-Users</b>	
<p>This is a measure of current or lifelong health conditions affecting the sampled child from a list of 26 (24 in 2020): substance use disorder (2019 only), allergies (food, drug, insect or other), arthritis, asthma, blood disorders (such as sickle cell disease, thalassemia, or hemophilia), brain injury/concussion/head injury (2019 only), cerebral palsy, cystic fibrosis, diabetes, Down Syndrome, epilepsy or seizure disorder, genetic or inherited condition, heart condition, frequent or severe headaches including migraine (3-17 years), Tourette Syndrome (3-17 years), anxiety problems (3-17 years), depression (3-17 years), behavioral and conduct problem (3-17 years), developmental delay (3-17 years), intellectual disability (3-17 years), speech or other language disorder (3-17 years), learning disability (also known as mental retardation) (3-17 years), Autism or Autism Spectrum Disorder (ASD) (3-17 years), Attention Deficit Disorder or Attention-Deficit/Hyperactivity Disorder (ADD or ADHD) (3-17 years), hearing problems, and vision problems. The list was reduced to 24 health conditions in 2020 after the questions regarding substance use disorder were dropped from the survey entirely, and changes to the survey items on brain injury/concussion no longer reliably indicate whether it is a current or lifelong condition.</p> <p>The result is a composite measure of current or lifelong conditions. In most cases, in order to be counted towards a current or lifelong condition, parents had to answer yes to 2 questions about the particular condition: 1) have they ever been told by a health care professional or educator that the child has the condition, and 2) whether the child currently has the condition. However, children who were ever told by a health care professional that they had blood disorders, cystic fibrosis, genetic or inherited conditions, or Down-Syndrome were counted toward the measure as these are considered lifelong conditions. Finally, the questions about hearing and vision problems were parent-reported, i.e. not necessarily "told by a health care professional or educator," but were nevertheless considered current/lifelong conditions for the purpose of this measure.</p>	

Please note that throughout the NSCH, all information about children's health conditions is based on parent recollection and is not independently verified.

### **Revisions and Changes**

Changes to the survey items on brain injury/concussion in the 2020 NSCH rendered it an unreliable indicator of a current or lifelong condition, and it was dropped from the list being counted in the 2020 data. The survey items regarding substance use disorder were dropped entirely in 2020. Therefore, while this measure was a composite based on a list of 26 conditions in 2019, that number was reduced to 24 conditions in 2020. For more information about the changes see the Notes for Data-Users or [click here](#) for more information.

### **SPSS Syntax and Annotation**

```
COMPUTE allergies_1920 = 999.
IF ALLERGIES = 2 allergies_1920 = 1.
IF ALLERGIES = 1 and ALLERGIES_CURR = 2 allergies_1920 = 2.
IF ALLERGIES = 1 and ALLERGIES_CURR = 1 allergies_1920 = 3.
IF ALLERGIES=99 or ALLERGIES_CURR=99 allergies_1920 = 99.
VARIABLE LABELS allergies_1920 "Children who currently have allergies including food, drug, insect, or other".
```

```
VALUE LABELS allergies_1920
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing".
```

```
COMPUTE arthritis_1920 = 999.
IF ARTHRITIS = 2 arthritis_1920 = 1.
IF ARTHRITIS = 1 and ARTHRITIS_CURR = 2 arthritis_1920 = 2.
IF ARTHRITIS = 1 and ARTHRITIS_CURR = 1 arthritis_1920 = 3.
IF ARTHRITIS=99 or ARTHRITIS_CURR=99 arthritis_1920 = 99.
VARIABLE LABELS arthritis_1920 "Children currently have arthritis".
```

```
VALUE LABELS arthritis_1920
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing".
```

```
COMPUTE asthma_1920 = 99.
IF K2Q40A = 2 asthma_1920 = 1.
IF K2Q40A = 1 and K2Q40B = 2 asthma_1920 = 2.
IF K2Q40A = 1 and K2Q40B = 1 asthma_1920 = 3.
IF K2Q40A=99 or K2Q40B=99 asthma_1920 = 99.
VARIABLE LABELS asthma_1920 "Children currently have asthma".
```

VALUE LABELS asthma\_1920

- 1 "Does not have condition"
- 2 "Ever told, but does not currently have condition"
- 3 "Currently has condition"
- 99 "Missing".

COMPUTE BloodScr\_1920 = 999.

- IF BLOOD = 2 BloodScr\_1920= 1.
- IF BLOOD = 1 and BLOOD\_SCREEN = 2 BloodScr\_1920= 2.
- IF BLOOD = 1 and BLOOD\_SCREEN = 1 BloodScr\_1920= 3.
- IF BLOOD=99 or BLOOD\_SCREEN=99 BloodScr\_1920= 99.

VARIABLE LABELS BloodScr\_1920 "Children who have blood disorders (such as sickle cell disease, thalassemia, or hemophilia) identified through a blood test".

VALUE LABELS BloodScr\_1920

- 1 "Never had condition"
- 2 "Ever told, but was not identified through a blood test"
- 3 "Ever told, was identified through a blood test"
- 99 "Missing".

COMPUTE blood\_1920 = 999.

- IF BLOOD = 2 blood\_1920 = 1.
- IF BLOOD = 1 blood\_1920 = 3.
- IF BLOOD = 99 blood\_1920 = 99.

VARIABLE LABELS blood\_1920 "Children who have ever told that they have blood disorders (such as sickle cell disease, thalassemia, or hemophilia)".

VALUE LABELS blood\_1920

- 1 "Never had condition"
- 3 "Ever told"
- 99 "Missing".

COMPUTE BrainInj\_19only = 999.

- F K2Q46A\_19only = 2 BrainInj\_19only = 1.
- IF K2Q46A\_19only = 1 and K2Q46B\_19only = 2 BrainInj\_19only = 2.
- IF K2Q46A\_19only = 1 and K2Q46B\_19only = 1 BrainInj\_19only = 3.
- IF K2Q46A\_19only=99 or K2Q46B\_19only=99 BrainInj\_19only = 99.

VARIABLE LABELS BrainInj\_19only "Children currently have a brain injury, concussion, or head injury".

VALUE LABELS BrainInj\_19only

- 1 "Does not have condition"
- 2 "Ever told, but does not currently have condition"
- 3 "Currently has condition"
- 99 "Missing".

```

COMPUTE palsy_1920 = 999.
IF K2Q61A = 2 palsy_1920 = 1.
IF K2Q61A = 1 and K2Q61B = 2 palsy_1920 = 2.
IF K2Q61A = 1 and K2Q61B = 1 palsy_1920 = 3.
IF K2Q61A=99 or K2Q61B=99 palsy_1920 = 99.
VARIABLE LABELS palsy_1920 "Children who currently have cerebral palsy".
VALUE LABELS palsy_1920
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing".

COMPUTE CystFibScr_1920 = 999.
IF CYSTFIB = 2 CystFibScr_1920 = 1.
IF CYSTFIB = 1 and CYSTFIB_SCREEN = 2 CystFibScr_1920 = 2.
IF CYSTFIB = 1 and CYSTFIB_SCREEN = 1 CystFibScr_1920 = 3.
IF CYSTFIB=99 or CYSTFIB_SCREEN=99 CystFibScr_1920 = 99.
VARIABLE LABELS CystFibScr_1920 "Children who have cystic fibrosis identified through a blood test".
VALUE LABELS CystFibScr_1920
1 "Never had condition"
2 "Ever told, but was not identified through a blood test"
3 "Ever told, was identified through a blood test"
99 "Missing".

COMPUTE CystFib_1920 = 999.
IF CYSTFIB = 2 CystFib_1920 = 1.
IF CYSTFIB = 1 CystFib_1920 = 3.
IF CYSTFIB = 99 CystFib_1920 = 99.
VARIABLE LABELS CystFib_1920 "Children who have cystic fibrosis".
VALUE LABELS CystFib_1920
1 "Never had condition"
3 "Has condition"
99 "Missing".

COMPUTE diabetes_1920 = 999.
IF K2Q41A = 2 diabetes_1920 = 1.
IF K2Q41A = 1 and K2Q41B = 2 diabetes_1920 = 2.
IF K2Q41A = 1 and K2Q41B = 1 diabetes_1920 = 3.
IF K2Q41A=99 or K2Q41B=99 diabetes_1920 = 99.
VARIABLE LABELS diabetes_1920 "Children who currently have diabetes".
VALUE LABELS diabetes_1920
1 "Does not have condition"

```

2 "Ever told, but does not currently have condition"  
 3 "Currently has condition"  
 99 "Missing".

```
COMPUTE DownSynd_1920 = 999.  

IF DOWNSYN = 2 DownSynd_1920 = 1.  

IF DOWNSYN = 1 DownSynd_1920 = 3.  

IF DOWNSYN=99 DownSynd_1920 = 99.  

VARIABLE LABELS DownSynd_1920 "Children who have Down Syndrome".  

VALUE LABELS DownSynd_1920  

1 "Never had condition"  

3 "Has condition"  

99 "Missing".
```

```
COMPUTE seizure_1920 = 999.  

IF K2Q42A = 2 seizure_1920 = 1.  

IF K2Q42A = 1 and K2Q42B = 2 seizure_1920 = 2.  

IF K2Q42A = 1 and K2Q42B = 1 seizure_1920 = 3.  

IF K2Q42A=99 or K2Q42B=99 seizure_1920 = 99.  

VARIABLE LABELS seizure_1920 "Children who currently have epilepsy or seizure disorder".  

VALUE LABELS seizure_1920  

1 "Does not have condition"  

2 "Ever told, but does not currently have condition"  

3 "Currently has condition"  

99 "Missing".
```

```
COMPUTE GeneticScr_1920 = 999.  

IF GENETIC = 2 GeneticScr_1920 = 1.  

IF GENETIC = 1 and GENETIC_SCREEN = 2 GeneticScr_1920 = 2.  

IF GENETIC = 1 and GENETIC_SCREEN = 1 GeneticScr_1920 = 3.  

IF GENETIC=99 or GENETIC_SCREEN=99 GeneticScr_1920 = 99.  

VARIABLE LABELS GeneticScr_1920 "Children who have a genetic or inherited condition identified  

through a blood test".  

VALUE LABELS GeneticScr_1920  

1 "Never had condition"  

2 "Ever told, but was not identified through a blood test"  

3 "Ever told, was identified through a blood test"  

99 "Missing".
```

```
COMPUTE genetic_1920 = 999.  

IF GENETIC = 2 genetic_1920 = 1.  

IF GENETIC = 1 genetic_1920 = 3.  

IF GENETIC = 99 genetic_1920 = 99.
```

VARIABLE LABELS genetic\_1920 "Children who have ever told that they have a genetic or inherited condition".

VALUE LABELS genetic\_1920

1 "Never had condition"

3 "Ever told"

99 "Missing".

COMPUTE heart\_1920 = 999.

IF HEART = 2 heart\_1920 = 1.

IF HEART = 1 and HEART\_CURR = 2 heart\_1920 = 2.

IF HEART = 1 and HEART\_CURR = 1 heart\_1920 = 3.

IF HEART=99 or HEART\_CURR=99 heart\_1920 = 99.

VARIABLE LABELS heart\_1920 "Children who currently have a heart condition".

VALUE LABELS heart\_1920

1 "Does not have condition"

2 "Ever told, but does not currently have condition"

3 "Currently has condition"

99 "Missing".

COMPUTE headache\_1920 = 999.

IF HEADACHE = 2 headache\_1920 = 1.

IF HEADACHE = 1 and HEADACHE\_CURR = 2 headache\_1920 = 2.

IF HEADACHE = 1 and HEADACHE\_CURR = 1 headache\_1920 = 3.

IF HEADACHE=99 or HEADACHE\_CURR=99 headache\_1920 = 99.

IF SC AGE\_YEARS < 3 headache\_1920 = 95.

VARIABLE LABELS headache\_1920 "Children who currently have frequent or severe headache including migraine, age 3-17 years".

VALUE LABELS headache\_1920

1 "Does not have condition"

2 "Ever told, but does not currently have condition"

3 "Currently has condition"

99 "Missing"

95 "Children age 0-2 years".

COMPUTE tourette\_1920 = 999.

IF K2Q38A = 2 tourette\_1920 = 1.

IF K2Q38A = 1 and K2Q38B = 2 tourette\_1920 = 2.

IF K2Q38A = 1 and K2Q38B = 1 tourette\_1920 = 3.

IF K2Q38A=99 or K2Q38B=99 tourette\_1920 = 99.

IF SC AGE\_YEARS < 3 tourette\_1920 = 95.

VARIABLE LABELS tourette\_1920 "Children who currently have Tourette Syndrome, age 3-17 years".

VALUE LABELS tourette\_1920

1 "Does not have condition"

2 "Ever told, but does not currently have condition"  
 3 "Currently has condition"  
 99 "Missing"  
 95 "Children age 0-2 years".

COMPUTE anxiety\_1920 = 999.  
 IF K2Q33A = 2 anxiety\_1920 = 1.  
 IF K2Q33A = 1 and K2Q33B = 2 anxiety\_1920 = 2.  
 IF K2Q33A = 1 and K2Q33B = 1 anxiety\_1920 = 3.  
 IF K2Q33A=99 or K2Q33B=99 anxiety\_1920 = 99.  
 IF SC\_AGE\_YEARS < 3 anxiety\_1920 = 95.  
 VARIABLE LABELS anxiety\_1920 "Children who currently have anxiety problems, age 3-17 years".  
 VALUE LABELS anxiety\_1920  
 1 "Does not have condition"  
 2 "Ever told, but does not currently have condition"  
 3 "Currently has condition"  
 99 "Missing"  
 95 "Children age 0-2 years".

COMPUTE depress\_1920 = 999.  
 IF K2Q32A = 2 depress\_1920 = 1.  
 IF K2Q32A = 1 and K2Q32B = 2 depress\_1920 = 2.  
 IF K2Q32A = 1 and K2Q32B = 1 depress\_1920 = 3.  
 IF K2Q32A=99 or K2Q32B=99 depress\_1920 = 99.  
 IF SC\_AGE\_YEARS < 3 depress\_1920 = 95.  
 VARIABLE LABELS depress\_1920 "Children who currently have depression, age 3-17 years".  
 VALUE LABELS depress\_1920  
 1 "Does not have condition"  
 2 "Ever told, but does not currently have condition"  
 3 "Currently has condition"  
 99 "Missing"  
 95 "Children age 0-2 years".

COMPUTE behavior\_1920 = 999.  
 IF K2Q34A = 2 behavior\_1920 = 1.  
 IF K2Q34A = 1 and K2Q34B = 2 behavior\_1920 = 2.  
 IF K2Q34A = 1 and K2Q34B = 1 behavior\_1920 = 3.  
 IF K2Q34A=99 or K2Q34B=99 behavior\_1920 = 99.  
 IF SC\_AGE\_YEARS < 3 behavior\_1920 = 95.  
 VARIABLE LABELS behavior\_1920 "Children who currently have behavioral or conduct problems, age 3-17 years".  
 VALUE LABELS behavior\_1920  
 1 "Does not have condition"

2 "Ever told, but does not currently have condition"  
 3 "Currently has condition"  
 99 "Missing"  
 95 "Children age 0-2 years".

COMPUTE SubUse\_19only = 999.  
 IF SUBABUSE\_19only = 2 SubUse\_19only = 1.  
 IF SUBABUSE\_19only = 1 and SUBABUSE\_CURR\_19only = 2 SubUse\_19only = 2.  
 IF SUBABUSE\_19only = 1 and SUBABUSE\_CURR\_19only = 1 SubUse\_19only = 3.  
 IF SUBABUSE\_19only=99 or SUBABUSE\_CURR\_19only=99 SubUse\_19only = 99.  
 IF SC\_AGE\_YEARS < 6 SubUse\_19only = 95.

VARIABLE LABELS SubUse\_19only "Children who currently have substance use disorder, age 6-17 years".

VALUE LABELS SubUse\_19only  
 1 "Does not have condition"  
 2 "Ever told, but does not currently have condition"  
 3 "Currently has condition"  
 99 "Missing"  
 95 "Children age 0-5 years".

COMPUTE DevDelay\_1920 = 999.  
 IF K2Q36A = 2 DevDelay\_1920 = 1.  
 IF K2Q36A = 1 and K2Q36B = 2 DevDelay\_1920 = 2.  
 IF K2Q36A = 1 and K2Q36B = 1 DevDelay\_1920 = 3.  
 IF K2Q36A=99 or K2Q36B=99 DevDelay\_1920 = 99.  
 IF SC\_AGE\_YEARS < 3 DevDelay\_1920 = 95.

VARIABLE LABELS DevDelay\_1920 "Children who currently have developmental delay, age 3-17 years".

VALUE LABELS DevDelay\_1920  
 1 "Does not have condition"  
 2 "Ever told, but does not currently have condition"  
 3 "Currently has condition"  
 99 "Missing"  
 95 "Children age 0-2 years".

COMPUTE IntDisab\_1920 = 999.  
 IF K2Q60A = 2 IntDisab\_1920 = 1.  
 IF K2Q60A = 1 and K2Q60B = 2 IntDisab\_1920 = 2.  
 IF K2Q60A = 1 and K2Q60B = 1 IntDisab\_1920 = 3.  
 IF K2Q60A=99 or K2Q60B=99 IntDisab\_1920 = 99.  
 IF SC\_AGE\_YEARS < 3 IntDisab\_1920 = 95.

VARIABLE LABELS IntDisab\_1920 "Children who currently have intellectual disability or mental retardation, age 3-17 years".

VALUE LABELS intdisab\_1920

1 "Does not have condition"  
 2 "Ever told, but does not currently have condition"  
 3 "Currently has condition"  
 99 "Missing"  
 95 "Children age 0-2 years".

COMPUTE speech\_1920 = 999.

IF K2Q37A = 2 speech\_1920 = 1.  
 IF K2Q37A = 1 and K2Q37B = 2 speech\_1920 = 2.  
 IF K2Q37A = 1 and K2Q37B = 1 speech\_1920 = 3.  
 IF K2Q37A=99 or K2Q37B=99 speech\_1920 = 99.  
 IF SC AGE YEARS < 3 speech\_1920 = 95.

VARIABLE LABELS speech\_1920 "Children who currently have speech or other language disorder, age 3-17 years".

VALUE LABELS speech\_1920

1 "Does not have condition"  
 2 "Ever told, but does not currently have condition"  
 3 "Currently has condition"  
 99 "Missing"  
 95 "Children age 0-2 years".

COMPUTE learning\_1920 = 999.

IF K2Q30A = 2 learning\_1920 = 1.  
 IF K2Q30A = 1 and K2Q30B = 2 learning\_1920 = 2.  
 IF K2Q30A = 1 and K2Q30B = 1 learning\_1920 = 3.  
 IF K2Q30A=99 or K2Q30B=99 learning\_1920 = 99.  
 IF SC AGE YEARS < 3 learning\_1920 = 95.

VARIABLE LABELS learning\_1920 "Children who currently have a learning disability, age 3-17 years".

VALUE LABELS learning\_1920

1 "Does not have condition"  
 2 "Ever told, but does not currently have condition"  
 3 "Currently has condition"  
 99 "Missing"  
 95 "Children age 0-2 years".

COMPUTE autism\_1920 = 999.

IF K2Q35A = 2 autism\_1920 = 1.  
 IF K2Q35A = 1 and K2Q35B = 2 autism\_1920 = 2.  
 IF K2Q35A = 1 and K2Q35B = 1 autism\_1920 = 3.  
 IF K2Q35A=99 or K2Q35B=99 autism\_1920 = 99.  
 IF SC AGE YEARS < 3 autism\_1920 = 95.

VARIABLE LABELS autism\_1920 "Children who currently have Autism or Autism Spectrum Disorder including Asperger's Disorder, Pervasive Developmental Disorder, age 3-17 years".

VALUE LABELS autism\_1920

1 "Does not have condition"

2 "Ever told, but does not currently have condition"

3 "Currently has condition"

99 "Missing"

95 "Children age 0-2 years".

COMPUTE ADHD\_1920 = 999.

IF K2Q31A = 2 ADHD\_1920 = 1.

IF K2Q31A = 1 and K2Q31B = 2 ADHD\_1920 = 2.

IF K2Q31A = 1 and K2Q31B = 1 ADHD\_1920 = 3.

IF K2Q31A=99 or K2Q31B=99 ADHD\_1920 = 99.

IF SC\_AGE\_YEARS < 3 ADHD\_1920 = 95.

VARIABLE LABELS ADHD\_1920 "Children who currently have Attention Deficit Disorder (ADD) or Attention-Deficit Hyperactivity Disorder (ADHD), age 3-17 years".

VALUE LABELS ADHD\_1920

1 "Does not have condition"

2 "Ever told, but does not currently have condition"

3 "Currently has condition"

99 "Missing"

95 "Children age 0-2 years".

RECODE K2Q43B

(else=copy) into hearing\_1920.

VARIABLE LABELS hearing\_1920 "Children who have deafness or problems with hearing".

VALUE LABELS hearing\_1920

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES hearing\_1920(99).

RECODE BLINDNESS

(else=copy) into vision\_1920.

VARIABLE LABELS vision\_1920 "Children who have blindness or problems with seeing, even when wearing glasses".

VALUE LABELS vision\_1920

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES vision\_1920(99).

```
MISSING VALUES allergies_1920 arthritis_1920 asthma_1920 Blood_1920 BrainInj_19only
palsy_1920 CystFib_1920 diabetes_1920 DownSynd_1920 seizure_1920
Genetic_1920 heart_1920 headache_1920 tourette_1920 anxiety_1920 depress_1920
behavior_1920 DevDelay_1920 intdisab_1920 speech_1920
learning_1920 autism_1920 ADHD_1920 SubUse_19only hearing_1920 vision_1920().
```

DO IF YEAR=2019.

```
COUNT CondCnt_1920 = allergies_1920 arthritis_1920 asthma_1920 blood_1920 BrainInj_19only
palsy_1920 CystFib_1920 diabetes_1920 DownSynd_1920 seizure_1920
```

```
genetic_1920 heart_1920 headache_1920 tourette_1920 anxiety_1920 depress_1920
```

```
behavior_1920 DevDelay_1920 intdisab_1920 speech_1920
```

```
learning_1920 autism_1920 ADHD_1920 SubUse_19only(3).
```

```
IF hearing_1920 = 1 CondCnt_1920 = CondCnt_1920 + 1.
```

```
IF vision_1920 = 1 CondCnt_1920 = CondCnt_1920 + 1.
```

```
IF allergies_1920=99 and arthritis_1920=99 and asthma_1920=99 and blood_1920=99 and
BrainInj_19only=99 and palsy_1920=99 and CystFib_1920=99 and diabetes_1920=99 and
DownSynd_1920=99 and seizure_1920=99 and genetic_1920=99 and heart_1920=99 and
headache_1920=99 and tourette_1920>=95 and anxiety_1920>=95 and depress_1920>=95 and
behavior_1920>=95 and DevDelay_1920>=95 and intdisab_1920>=95 and speech_1920>=95 and
learning_1920>=95 and autism_1920>=95 and ADHD_1920>=95 and
hearing_1920=99 and vision_1920=99 and SubUse_19only>=95 CondCnt_1920=99.
```

END IF.

DO IF YEAR=2020.

```
COUNT CondCnt_1920 = allergies_1920 arthritis_1920 asthma_1920 blood_1920 palsy_1920
```

```
CystFib_1920 diabetes_1920 DownSynd_1920 seizure_1920
```

```
genetic_1920 heart_1920 headache_1920 tourette_1920 anxiety_1920 depress_1920
```

```
behavior_1920 DevDelay_1920 intdisab_1920 speech_1920
```

```
learning_1920 autism_1920 ADHD_1920(3).
```

```
IF hearing_1920 = 1 CondCnt_1920 = CondCnt_1920 + 1.
```

```
IF vision_1920 = 1 CondCnt_1920 = CondCnt_1920 + 1.
```

```
IF allergies_1920=99 and arthritis_1920=99 and asthma_1920=99 and blood_1920=99 and
```

```
palsy_1920=99 and CystFib_1920=99 and diabetes_1920=99 and
```

```
DownSynd_1920=99 and seizure_1920=99 and genetic_1920=99 and heart_1920=99 and
```

```
headache_1920=99 and tourette_1920>=95 and anxiety_1920>=95 and depress_1920>=95 and
```

```
behavior_1920>=95 and DevDelay_1920>=95 and intdisab_1920>=95 and speech_1920>=95 and
```

```
learning_1920>=95 and autism_1920>=95 and ADHD_1920>=95 and
```

```
hearing_1920=99 and vision_1920=99 CondCnt_1920=99.
```

END IF.

```
VARIABLE LABELS CondCnt_1920 "Number of current health conditions reported from a list of 26
(2019)/24 conditions(2020)".
```

```
COMPUTE Cond2more_1920 = 999.
```

```
IF CondCnt_1920 = 0 Cond2more_1920 = 1.  
IF CondCnt_1920 = 1 Cond2more_1920 = 2.  
IF CondCnt_1920 >= 2 Cond2more_1920 = 3.  
IF CondCnt_1920=99 Cond2more_1920 = 99.  
VARIABLE LABELS Cond2more_1920 "Indicator 1.9: Number of current or lifelong health conditions ".  
VALUE LABELS Cond2more_1920  
1 "None"  
2 "1 health condition"  
3 "2 or more health conditions"  
99 "Missing to all".  
MISSING VALUES Cond2more_1920(99).  
EXECUTE.
```

Severity of current or lifelong health conditions	
<b>Description</b>	How severe are this child's conditions, if the child currently has conditions?
<b>Survey Items Used</b>	<p>Survey instrument item number for children 0-5 years: A6-A27 &amp; A32 (2019), A5-A15, A17-A25, &amp; A30 (2020); for children 6-11 years: A8-A30 (2019), A5-A15, A17-A25, &amp; A30 (2020); for children 12-17 years: A8-A30 (2019), A5-A15, A17-A25, &amp; A30 (2020)</p> <p>Variables in public use data file: ALLERGIES; ALLERGIES_CURR; ALLERGIES_DESC; ARTHRITIS; ARTHRITIS_CURR; ARTHRITIS_DESC; K2Q40A; K2Q40B; K2Q40C; BLOOD; BLOOD_DESC; K2Q61A; K2Q61B; CERPALS_DESC; CYSTFIB; CYSTFIB_DESC; K2Q41A; K2Q41B; K2Q41C; K2Q42A; K2Q42B; K2Q42C; GENETIC; GENETIC_DESC; HEART; HEART_CURR; HEART_DESC; HEADACHE; HEADACHE_CURR; HEADACHE_DESC; K2Q38A; K2Q38B; K2Q38C; K2Q33A; K2Q33B; K2Q33C; K2Q32A; K2Q32B; K2Q32C; K2Q34A; K2Q34B; K2Q34C; K2Q36A; K2Q36B; K2Q36C; K2Q60A; K2Q60B; K2Q60C; K2Q37A; K2Q37B; K2Q37C; K2Q30A; K2Q30B; K2Q30C; K2Q35A; K2Q35B; K2Q35C; K2Q31A; K2Q31B; K2Q31C</p>
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Does not currently have condition; Current condition, rated mild; Current condition, rated moderate/severe
<b>Notes for Data-Users</b>	
The 2019-2020 data query does not display severity for those conditions not comparable across 2019 and 2020 due to item changes, as well as conditions not released in the public use file due to small sample size. All information about children's health conditions from the NSCH is based on parent recollection and is not independently verified.	
<b>Revisions and Changes</b>	
N/A	
<b>SPSS Syntax and Annotation</b>	
<pre> MISSING VALUES allergies_1920 arthritis_1920 asthma_1920 blood_1920 palsy_1920 CystFib_1920 diabetes_1920 DownSynd_1920 seizure_1920 genetic_1920 heart_1920 headache_1920 tourette_1920 anxiety_1920 depress_1920 behavior_1920 devdelay_1920 intdisab_1920 speech_1920 learning_1920 autism_1920 ADHD_1920().</pre> <pre> COMPUTE AllerSev_1920 =999. IF ALLERGIES_DESC = 1 AllerSev_1920 = 2. IF ALLERGIES_DESC=2 or ALLERGIES_DESC=3 AllerSev_1920 = 3. IF allergies_1920 = 1 or allergies_1920 = 2 AllerSev_1920 = 1. IF ALLERGIES = 99 or ALLERGIES_CURR = 99 or ALLERGIES_DESC = 99 AllerSev_1920 = 99. VARIABLE LABELS AllerSev_1920 "Parent-rated severity of child's current allergies including food, drug, insect, or other". VALUE LABELS AllerSev_1920 1 "Does not currently have condition"</pre>	

2 "Current condition, rated mild"  
 3 "Current condition, rated moderate/severe"  
 99 "Missing".  
 MISSING VALUES AllerSev\_1920(99).

```
COMPUTE ArthrSev_1920 = 999.  

IF ARTHRITIS_DESC = 1 ArthrSev_1920 = 2.  

IF ARTHRITIS_DESC = 2 or ARTHRITIS_DESC = 3 ArthrSev_1920 = 3.  

IF arthritis_1920 = 1 or arthritis_1920 = 2 ArthrSev_1920 = 1.  

IF ARTHRITIS = 99 or ARTHRITIS_CURR = 99 or ARTHRITIS_DESC = 99 ArthrSev_1920 = 99.  

VARIABLE LABELS ArthrSev_1920 "Parent-rated severity of child's current arthritis".  

VALUE LABELS ArthrSev_1920  

1 "Does not currently have condition"  

2 "Current condition, rated mild"  

3 "Current condition, rated moderate/severe"  

99 "Missing".  

MISSING VALUES ArthrSev_1920(99).
```

```
COMPUTE AsthmSev_1920 = 999.  

IF K2Q40C = 1 AsthmSev_1920 = 2.  

IF K2Q40C = 2 or K2Q40C=3 AsthmSev_1920 = 3.  

IF asthma_1920 = 1 or asthma_1920 = 2 AsthmSev_1920 = 1.  

IF K2Q40A =99 or K2Q40B = 99 or K2Q40C = 99 AsthmSev_1920 = 99.  

VARIABLE LABELS AsthmSev_1920 "Parent-rated severity of child's current asthma".  

VALUE LABELS AsthmSev_1920  

1 "Does not currently have condition"  

2 "Current condition, rated mild"  

3 "Current condition, rated moderate/severe"  

99 "Missing".  

MISSING VALUES AsthmSev_1920(99).
```

```
COMPUTE BloodSev_1920 = 999.  

IF BLOOD_DESC = 1 BloodSev_1920 = 2.  

IF BLOOD_DESC = 2 or BLOOD_DESC=3 BloodSev_1920 = 3.  

IF blood_1920 = 1 BloodSev_1920 = 1.  

IF BLOOD =99 or BLOOD_DESC = 99 BloodSev_1920 = 99.  

VARIABLE LABELS BloodSev_1920 "Parent-rated severity of child's blood disorders (such as sickle cell disease, thalassemia, or hemophilia)".  

VALUE LABELS BloodSev_1920  

1 "Never had condition"  

2 "Ever told, rated mild"  

3 "Ever told, rated moderate/severe"  

99 "Missing".  

MISSING VALUES BloodSev_1920(99).
```

```
COMPUTE PalsySev_1920 = 999.
```

```

IF CERPALS_DESC = 1 PalsySev_1920 = 2.
IF CERPALS_DESC = 2 or CERPALS_DESC=3 PalsySev_1920 = 3.
IF palsy_1920 = 1 or palsy_1920 = 2 PalsySev_1920 = 1.
IF K2Q61A = 99 or K2Q61B = 99 or CERPALS_DESC = 99 PalsySev_1920 = 99.
VARIABLE LABELS PalsySev_1920 "Parent-rated severity of child's current cerebral palsy".
VALUE LABELS PalsySev_1920
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES PalsySev_1920(99).

```

```

COMPUTE DiabetSev_1920 = 999.
IF K2Q41C = 1 DiabetSev_1920 = 2.
IF K2Q41C=2 or K2Q41C=3 DiabetSev_1920 = 3.
IF diabetes_1920 = 1 or diabetes_1920 = 2 DiabetSev_1920 = 1.
IF K2Q41A =99 or K2Q41B = 99 or K2Q41C = 99 DiabetSev_1920 = 99.
VARIABLE LABELS DiabetSev_1920 "Parent-rated severity of child's current diabetes".
VALUE LABELS DiabetSev_1920
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES DiabetSev_1920(99).

```

```

COMPUTE SeizSev_1920 = 999.
IF K2Q42C = 1 SeizSev_1920 = 2.
IF K2Q42C =2 or K2Q42C=3 SeizSev_1920 = 3.
IF seizure_1920= 1 or seizure_1920 = 2 SeizSev_1920 = 1.
IF K2Q42A = 99 or K2Q42B = 99 or K2Q42C = 99 SeizSev_1920 = 99.
VARIABLE LABELS SeizSev_1920 "Parent-rated severity of child's current epilepsy or seizure disorder".
VALUE LABELS SeizSev_1920
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES SeizSev_1920(99).

```

```

COMPUTE GenetSev_1920 = 999.
IF GENETIC_DESC = 1 GenetSev_1920 = 2.
IF GENETIC_DESC =2 or GENETIC_DESC=3 GenetSev_1920 = 3.
IF genetic_1920= 1 GenetSev_1920 = 1.
IF GENETIC = 99 or GENETIC_DESC = 99 GenetSev_1920 = 99.
VARIABLE LABELS GenetSev_1920 "Parent-rated severity of child's current genetic or inherited condition".

```

VALUE LABELS GenetSev\_1920

- 1 "Never had condition"
- 2 "Ever told, rated mild"
- 3 "Ever told, rated moderate/severe"
- 99 "Missing".

MISSING VALUES GenetSev\_1920(99).

COMPUTE HeartSev\_1920 = 999.

IF HEART\_DESC = 1 HeartSev\_1920 = 2.

IF HEART\_DESC = 2 or HEART\_DESC = 3 HeartSev\_1920 = 3.

IF heart\_1920 = 1 or heart\_1920 = 2 HeartSev\_1920 = 1.

IF HEART = 99 or HEART\_CURR = 99 or HEART\_DESC = 99 HeartSev\_1920 = 99.

VARIABLE LABELS HeartSev\_1920 "Parent-rated severity of child's current heart condition".

VALUE LABELS HeartSev\_1920

- 1 "Does not currently have condition"
- 2 "Current condition, rated mild"
- 3 "Current condition, rated moderate/severe"
- 99 "Missing".

MISSING VALUES HeartSev\_1920(99).

COMPUTE HeadSev\_1920 = 999.

IF HEADACHE\_DESC = 1 HeadSev\_1920 = 2.

IF HEADACHE\_DESC = 2 or HEADACHE\_DESC = 3 HeadSev\_1920 = 3.

IF headache\_1920 = 1 or headache\_1920 = 2 HeadSev\_1920 = 1.

IF HEADACHE = 99 or HEADACHE\_CURR = 99 or HEADACHE\_DESC = 99 HeadSev\_1920 = 99.

IF SC\_AGE\_YEARS < 3 HeadSev\_1920 = 95.

VARIABLE LABELS HeadSev\_1920 "Parent-rated severity of current frequent or severe headaches including migraine, age 3-17 years".

VALUE LABELS HeadSev\_1920

- 1 "Does not currently have condition"
- 2 "Current condition, rated mild"
- 3 "Current condition, rated moderate/severe"
- 99 "Missing"

95 "Children age 0-2 years".

MISSING VALUES HeadSev\_1920(95,99).

COMPUTE TouretSev\_1920 = 999.

IF K2Q38C = 1 TouretSev\_1920 = 2.

IF K2Q38C = 4 TouretSev\_1920 = 3.

IF tourette\_1920 = 1 or tourette\_1920 = 2 TouretSev\_1920 = 1.

IF K2Q38A = 99 or K2Q38B = 99 or K2Q38C = 99 TouretSev\_1920 = 99.

IF SC\_AGE\_YEARS < 3 TouretSev\_1920 = 95.

VARIABLE LABELS TouretSev\_1920 "Parent-rated severity of child's current Tourette Syndrome, age 3-17 years".

VALUE LABELS TouretSev\_1920

1 "Does not currently have condition"  
 2 "Current condition, rated mild"  
 3 "Current condition, rated moderate/severe"  
 99 "Missing"  
 95 "Children age 0-2 years".  
 MISSING VALUES TouretSev\_1920(95,99).

COMPUTE AnxietSev\_1920 = 999.

IF K2Q33C = 1 AnxietSev\_1920 = 2.  
 IF K2Q33C = 2 or K2Q33C=3 AnxietSev\_1920 = 3.  
 IF anxiety\_1920= 1 or anxiety\_1920 = 2 AnxietSev\_1920 = 1.  
 IF K2Q33A = 99 or K2Q33B = 99 or K2Q33C = 99 AnxietSev\_1920 = 99.  
 IF SC\_AGE\_YEARS < 3 AnxietSev\_1920 = 95.

VARIABLE LABELS AnxietSev\_1920 "Parent-rated severity of child's current anxiety, age 3-17 years".

VALUE LABELS AnxietSev\_1920

1 "Does not currently have condition"  
 2 "Current condition, rated mild"  
 3 "Current condition, rated moderate/severe"  
 99 "Missing"  
 95 "Children age 0-2 years".  
 MISSING VALUES AnxietSev\_1920(95,99).

COMPUTE DepresSev\_1920 = 999.

IF K2Q32C = 1 DepresSev\_1920 = 2.  
 IF K2Q32C = 2 or K2Q32C =3 DepresSev\_1920 = 3.  
 IF depress\_1920= 1 or depress\_1920 = 2 DepresSev\_1920 = 1.  
 IF K2Q32A =99 or K2Q32B = 99 or K2Q32C = 99 DepresSev\_1920 = 99.  
 IF SC\_AGE\_YEARS < 3 DepresSev\_1920 = 95.

VARIABLE LABELS DepresSev\_1920 "Parent-rated severity of child's current depression, age 3-17 years".

VALUE LABELS DepresSev\_1920

1 "Does not currently have condition"  
 2 "Current condition, rated mild"  
 3 "Current condition, rated moderate/severe"  
 99 "Missing"  
 95 "Children age 0-2 years".  
 MISSING VALUES DepresSev\_1920(95,99).

COMPUTE BehavSev\_1920 = 999.

IF K2Q34C = 1 BehavSev\_1920 = 2.  
 IF K2Q34C = 2 or K2Q34C =3 BehavSev\_1920 = 3.  
 IF behavior\_1920= 1 or behavior\_1920 = 2 BehavSev\_1920 = 1.

```

IF K2Q34A = 99 or K2Q34B = 99 or K2Q34C = 99 BehavSev_1920 = 99.
IF SC_AGE_YEARS < 3 BehavSev_1920 = 95.
VARIABLE LABELS BehavSev_1920 "Parent-rated severity of child's current behavioral or conduct problems, age 3-17 years".
VALUE LABELS BehavSev_1920
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing"
95 "Children age 0-2 years".
MISSING VALUES BehavSev_1920(95,99).

COMPUTE DevDelSev_1920 = 999.
IF K2Q36C = 1 DevDelSev_1920 = 2.
IF K2Q36C = 2 or K2Q36C = 3 DevDelSev_1920 = 3.
IF devdelay_1920= 1 or devdelay_1920 = 2 DevDelSev_1920 = 1.
IF K2Q36A = 99 or K2Q36B = 99 or K2Q36C = 99 DevDelSev_1920 = 99.
IF SC_AGE_YEARS < 3 DevDelSev_1920 = 95.
VARIABLE LABELS DevDelSev_1920 "Parent-rated severity of child's developmental delay, age 3-17 years".
VALUE LABELS DevDelSev_1920
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing"
95 "Children age 0-2 years".
MISSING VALUES DevDelSev_1920(95,99).

COMPUTE IntDisSev_1920 = 999.
IF K2Q60C = 1 IntDisSev_1920 = 2.
IF K2Q60C = 2 or K2Q60C=3 IntDisSev_1920 = 3.
IF intdisab_1920= 1 or intdisab_1920 = 2 IntDisSev_1920 = 1.
IF K2Q60A = 99 or K2Q60B = 99 or K2Q60C = 99 IntDisSev_1920 = 99.
IF SC_AGE_YEARS < 3 IntDisSev_1920 = 95.
VARIABLE LABELS IntDisSev_1920 "Parent-rated severity of child's current intellectual disability, age 3-17 years".
VALUE LABELS IntDisSev_1920
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing"
95 "Children age 0-2 years".
MISSING VALUES IntDisSev_1920(95,99).

```

```

COMPUTE SpeechSev_1920 = 999.
IF K2Q37C = 1 SpeechSev_1920 = 2.
IF K2Q37C = 2 or K2Q37C = 3 SpeechSev_1920 = 3.
IF speech_1920= 1 or speech_1920 = 2 SpeechSev_1920 = 1.
IF K2Q37A = 99 or K2Q37B = 99 or K2Q37C =99 SpeechSev_1920 = 99.
IF SC_AGE_YEARS < 3 SpeechSev_1920 = 95.
VARIABLE LABELS SpeechSev_1920 "Parent-rated severity of child's current speech or other language disorder, age 3-17 years".
VALUE LABELS SpeechSev_1920
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing"
95 "Children age 0-2 years".
MISSING VALUES SpeechSev_1920(95,99).

COMPUTE LearnSev_1920 = 999.
IF K2Q30C = 1 LearnSev_1920 = 2.
IF K2Q30C = 2 or K2Q30C= 3 LearnSev_1920 = 3.
IF learning_1920= 1 or learning_1920 = 2 LearnSev_1920 = 1.
IF K2Q30A = 99 or K2Q30B = 99 or K2Q30C = 99 LearnSev_1920 = 99.
IF SC_AGE_YEARS < 3 LearnSev_1920 = 95.
VARIABLE LABELS LearnSev_1920 "Parent-rated severity of child's current learning disability, age 3-17 years".
VALUE LABELS LearnSev_1920
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing"
95 "Children age 0-2 years".
MISSING VALUES LearnSev_1920(95,99).

COMPUTE AutismSev_1920 = 999.
IF K2Q35C = 1 AutismSev_1920 = 2.
IF K2Q35C = 2 or K2Q35C =3 AutismSev_1920 = 3.
IF autism_1920= 1 or autism_1920 = 2 AutismSev_1920 = 1.
IF K2Q35A = 99 or K2Q35B = 99 or K2Q35C = 99 AutismSev_1920 = 99.
IF SC_AGE_YEARS < 3 AutismSev_1920 = 95.
VARIABLE LABELS AutismSev_1920 "Parent-rated severity of child's current Autism/ASD, age 3-17 years".
VALUE LABELS AutismSev_1920
1 "Does not currently have condition"

```

2 "Current condition, rated mild"  
3 "Current condition, rated moderate/severe"  
99 "Missing"  
95 "Children age 0-2 years".  
MISSING VALUES AutismSev\_1920(95,99).

COMPUTE ADHDSev\_1920 = 999.  
IF K2Q31C = 1 ADHDSev\_1920 = 2.  
IF K2Q31C = 2 or K2Q31C= 3 ADHDSev\_1920 = 3.  
IF ADHD\_1920= 1 or ADHD\_1920 = 2 ADHDSev\_1920 = 1.  
IF K2Q31A = 99 or K2Q31B = 99 or K2Q31C = 99 ADHDSev\_1920 = 99.  
IF SC\_AGE\_YEARS < 3 ADHDSev\_1920 = 95.  
VARIABLE LABELS ADHDSev\_1920 "Parent-rated severity of child's current ADD/ADHD, age 3-17 years".  
VALUE LABELS ADHDSev\_1920  
1 "Does not currently have condition"  
2 "Current condition, rated mild"  
3 "Current condition, rated moderate/severe"  
99 "Missing"  
95 "Children age 0-2 years".  
MISSING VALUES ADHDSev\_1920(95,99).

MISSING VALUES allergies\_1920 arthritis\_1920 asthma\_1920 blood\_1920 palsy\_1920 CystFib\_1920 diabetes\_1920 DownSynd\_1920 seizure\_1920 genetic\_1920 heart\_1920 headache\_1920(99).

MISSING VALUES headache\_1920 tourette\_1920 anxiety\_1920 depress\_1920 behavior\_1920 devdelay\_1920 intdisab\_1920 speech\_1920 learning\_1920 autism\_1920 ADHD\_1920(95,99).

Indicator 1.10	One or more functional difficulties (Diff2more_1920)
Description	Indicator 1.10: Does this child have one or more functional difficulties from a list of 12 difficulties?
Survey Items Used	<p>Survey instrument item number for children 0-5 years: A4a-f(2019), A3a-f(2020), A5a (2019),A5b(2019), A4a (2020), A4b(2020) ; for children 6-11 years: A6a-d (2019), A7a-e(2019), A3a-d(2020), A4a-e(2020); for children 12-17 years: A6a-d(2019), A7a-f(2019), A3a-d(2020), A4a-f(2020)</p> <p>Variables in public use data file: BREATHING; COORDINATION; DRESSING; ERRANDALONE; HANDS; MEMORYCOND; PHYSICALPAIN; STOMACH; SWALLOWING; WALKSTAIRS; BLINDNES; K2Q43B</p>
Denominator	Children age 0-17 years
Numerator/Response Categories	Does not have any difficulties; One functional difficulty; Two or more functional difficulties
<b>Notes for Data-Users</b>	
<p>This measure was scored as the count of difficulties children experienced from a list of 12 functional difficulties. The difficulties are asked about as two different types of questions: (a) During the past 12 months, whether the child had frequent or chronic difficulty with breathing or other respiratory problems; eating or swallowing; digesting food, including stomach/intestinal problems, constipation, or diarrhea; repeated or chronic physical pain, including headaches or other back or body pain; using his/her hands (0-5 years); coordination and moving around (0-5 years); and (b) whether the child has serious difficulty concentrating, remembering, or making decisions (6-17 years); serious difficulty walking or climbing stairs (6-17 years); difficulty dressing or bathing (6-17 years); difficulty doing errands alone, such as visiting a doctor's office or shopping (12-17 years); deafness or problems with hearing; and blindness or problems with seeing, even when wearing glasses.</p>	
<b>Rewrites and Changes</b>	
There have been no substantive changes to this measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE DiffBreath_1920 = BREATHING. VARIABLE LABELS DiffBreath_1920 "Children who have experienced frequent or chronic difficulty with breathing or other respiratory problems (such as wheezing or shortness of breath) in the past 12 months". VALUE LABELS DiffBreath_1920 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES DiffBreath_1920(99). FORMATS DiffBreath_1920(f4.0). EXECUTE.  COMPUTE DiffSwall_1920 = SWALLOWING. </pre>	

VARIABLE LABELS DiffSwall\_1920 "Children who have had frequent or chronic difficulty with eating or swallowing in the past 12 months".

VALUE LABELS DiffSwall\_1920

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES DiffSwall\_1920(99).

FORMATS DiffSwall\_1920(f4.0).

EXECUTE.

COMPUTE DiffDigest\_1920 = STOMACH.

VARIABLE LABELS DiffDigest\_1920 "Children who have had frequent or chronic difficulty with digesting food, including stomach/intestinal problems, constipation, or diarrhea in the past 12 months".

VALUE LABELS DiffDigest\_1920

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES DiffDigest\_1920(99).

FORMATS DiffDigest\_1920(f4.0).

EXECUTE.

COMPUTE DiffPain\_1920 = PHYSICALPAIN.

VARIABLE LABELS DiffPain\_1920 "Children who have had frequent or chronic difficulty with repeated or chronic physical pain, including headaches or other back or body pain in the past 12 months".

VALUE LABELS DiffPain\_1920

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES DiffPain\_1920(99).

FORMATS DiffPain\_1920(f4.0).

EXECUTE.

COMPUTE DiffHands\_1920 = HANDS.

IF SC AGE YEARS > 5 DiffHands\_1920 = 90.

VARIABLE LABELS DiffHands\_1920 "Children who have had frequent or chronic difficulty using their hands in the past 12 months, age 0-5 years".

VALUE LABELS DiffHands\_1920

1 "Yes"

2 "No"

99 "Missing"

90 "Children age 6-17 years".

MISSING VALUES DiffPain\_1920(99).

```
FORMATS DiffPain_1920(f4.0).
EXECUTE.

COMPUTE DiffCoor_1920 = COORDINATION.
IF SC_AGE_YEARS > 5 DiffCoor_1920 = 90.
VARIABLE LABELS DiffCoor_1920 "Children who have had frequent or chronic difficulty with
coordination or moving around in the past 12 month, age 0-5 years".
VALUE LABELS DiffCoor_1920
1 "Yes"
2 "No"
99 "Missing"
90 "Children age 6-17 years".
MISSING VALUES DiffPain_1920(99).
FORMATS DiffPain_1920(f4.0).
EXECUTE.

COMPUTE DiffMem_1920 = MEMORYCOND.
IF SC_AGE_YEARS < 6 DiffMem_1920 = 90.
VARIABLE LABELS DiffMem_1920 "Children who have serious difficulty concentrating, remembering,
or making decisions because of a physical, mental, or emotional condition, age 6-17 years".
VALUE LABELS DiffMem_1920
1 "Yes"
2 "No"
99 "Missing"
90 "Children age 0-5 years".
MISSING VALUES DiffMem_1920(99).
FORMATS DiffMem_1920(f4.0).
EXECUTE.

COMPUTE DiffWalk_1920 = WALKSTAIRS.
IF SC_AGE_YEARS < 6 DiffWalk_1920 = 90.
VARIABLE LABELS DiffWalk_1920 "Children who have serious difficulty walking or climbing stairs, age
6-17 years".
VALUE LABELS DiffWalk_1920
1 "Yes"
2 "No"
99 "Missing"
90 "Children age 0-5 years".
MISSING VALUES DiffPain_1920(99).
FORMATS DiffPain_1920(f4.0).
EXECUTE.

COMPUTE DiffDress_1920 = DRESSING.
```

```
IF SC AGE YEARS < 6 DiffDress_1920 = 90.  
VARIABLE LABELS DiffDress_1920 "Children who have difficulty dressing or bathing, age 6-17 years".  
VALUE LABELS DiffDress_1920  
1 "Yes"  
2 "No"  
99 "Missing"  
90 "Children age 0-5 years".  
MISSING VALUES DiffDress_1920(99).  
FORMATS DiffDress_1920(f4.0).  
EXECUTE.  
  
COMPUTE DiffErrand_1920 = ERRANDALONE.  
IF SC AGE YEARS < 12 DiffErrand_1920 = 90.  
VARIABLE LABELS DiffErrand_1920 "Children who have difficulty doing errands alone, such as visiting  
a doctor's office or shopping, because of a physical, mental, or emotional condition, age 12-17  
years".  
VALUE LABELS DiffErrand_1920  
1 "Yes"  
2 "No"  
99 "Missing"  
90 "Children age 0-11 years".  
MISSING VALUES DiffErrand_1920(99).  
FORMATS DiffErrand_1920(f4.0).  
EXECUTE.  
  
COMPUTE hearing_1920 = K2Q43B.  
VARIABLE LABELS hearing_1920 "Children who have deafness or problems with hearing".  
VALUE LABELS hearing_1920  
1 "Yes"  
2 "No"  
99 "Missing".  
MISSING VALUES hearing_1920(99).  
FORMATS hearing_1920(f4.0).  
EXECUTE.  
  
COMPUTE vision_1920 = BLINDNESS.  
VARIABLE LABELS vision_1920 "Children who have blindness or problems with seeing, even when  
wearing glasses".  
VALUE LABELS vision_1920  
1 "Yes"  
2 "No"  
99 "Missing".  
MISSING VALUES vision_1920(99).
```

FORMATS vision\_1920(f4.0).

EXECUTE.

MISSING VALUES DiffBreath\_1920 DiffSwall\_1920 DiffDigest\_1920 DiffPain\_1920 DiffHands\_1920  
DiffCoor\_1920 DiffMem\_1920 DiffWalk\_1920 DiffDress\_1920 DiffErrand\_1920 hearing\_1920  
vision\_1920().

COUNT cntdiff=DiffBreath\_1920 DiffSwall\_1920 DiffDigest\_1920 DiffPain\_1920 DiffHands\_1920  
DiffCoor\_1920 DiffMem\_1920 DiffWalk\_1920 DiffDress\_1920 DiffErrand\_1920 hearing\_1920  
vision\_1920(1).

IF DiffBreath\_1920=99 and DiffSwall\_1920=99 and DiffDigest\_1920=99 and DiffPain\_1920=99 and  
DiffHands\_1920>=90 and DiffCoor\_1920>=90 and DiffMem\_1920>=90 and  
DiffWalk\_1920>=90 and DiffDress\_1920>=90 and DiffErrand\_1920>=90 and hearing\_1920=99 and  
vision\_1920=99 cntdiff=99.

VARIABLE LABELS cntdiff "Number of functional difficulties reported from list of 12 different  
difficulties asked in the survey".

COMPUTE Diff2more\_1920=999.

IF cntdiff = 0 Diff2more\_1920 = 0.

IF cntdiff = 1 Diff2more\_1920 = 1.

IF cntdiff >1 Diff2more\_1920 = 2.

IF cntdiff =99 Diff2more\_1920 = 99.

VARIABLE LABELS Diff2more\_1920 "Indicator 1.10: Number of functional difficulties reported from a  
list of 12 difficulties".

VALUE LABELS Diff2more\_1920

0 "Does not have any difficulties"

1 "One functional difficulty"

2 "Two or more functional difficulties"

99 "Missing to all".

MISSING VALUES Diff2more\_1920(99).

FORMATS Diff2more\_1920(f4.0).

EXECUTE.

MISSING VALUES DiffBreath\_1920 DiffSwall\_1920 DiffDigest\_1920 DiffPain\_1920 hearing\_1920  
vision\_1920(99).

MISSING VALUES DiffHands\_1920 DiffCoor\_1920 DiffMem\_1920 DiffWalk\_1920 DiffDress\_1920  
DiffErrand\_1920(90,99).

Indicator 1.11	Children with special health care needs (CSHCN_1920)
Description (Long question)	Indicator 1.11: Does this child have special health care needs (CSHCN) based on the CSHCN Screener?
Survey Items Used	These items are asked among all children in the initial household screener questionnaire. The screener item numbers: 7,8,9,10, 11 Variables in public use data file: SC_K2Q10; SC_K2Q11; SC_K2Q12; SC_K2Q13; SC_K2Q14; SC_K2Q15; SC_K2Q16; SC_K2Q17; SC_K2Q18; SC_K2Q19; SC_K2Q20; SC_K2Q21; SC_K2Q22; SC_K2Q23; SC_CSHCN (derived)
Denominator/Chart subtitle	Children age 0-17 years
Numerator/Response Categories	Children with special health care needs (CSHCN); Non-CSHCN
Notes for Data-Users	<p>The NSCH uses the CSHCN Screener to identify children with special health care needs. The Screener is a five item, parent-reported tool designed to reflect the federal Maternal and Child Health Bureau's consequences-based definition of children with special health care needs. It identifies children across the range and diversity of childhood chronic conditions and special needs, allowing a more comprehensive and robust assessment of children's needs and health care system performance than is attainable by focusing on a single diagnosis or type of special need.</p> <p>To qualify as having special health care needs, the following criteria must be met: a) the child currently experiences a specific consequence; b) the consequence is due to a medical or other health condition; and c) the duration or expected duration of the condition is 12 months or longer. The first part of each screener question asks whether a child experiences one of five different health consequences:</p> <ol style="list-style-type: none"> <li>1) Use or need of prescription medication.</li> <li>2) Above average use or need of medical, mental health or educational services.</li> <li>3) Functional limitations compared with others of same age.</li> <li>4) Use or need of specialized therapies (OT, PT, speech, etc.).</li> <li>5) Treatment or counseling for emotional or developmental problems.</li> </ol> <p>The second and third parts of each screener question ask those responding "yes" to the first part of the question whether the consequence is due to any kind of health condition and if so, whether that condition has lasted or is expected to last for at least 12 months. All three parts of at least one screener question (or in the case of question 5, the two parts) must be answered "YES" in order for a child to meet CSHCN Screener criteria for having a special health care need.</p> <p>This instrument has been used in several national surveys including the Promoting Healthy Development Survey, the CAHPS-CCC, the NSCH, the NS-CSHCN, and Medical Expenditure Panel Survey (MEPS). More information about CSHCN and the CSHCN Screener can be obtained on the Child and Adolescent Health Measurement Initiative's <a href="#">website</a>.</p>

**Revisions and Changes**

There have been no substantive changes to this item or measure since 2016.

**SPSS Syntax and Annotation**

```

COMPUTE rxmeds_1920 = 2.
IF ((SC_K2Q10 = 1) and (SC_K2Q11 = 1) and (SC_K2Q12 = 1)) rxmeds_1920 = 1.
VARIABLE LABELS rxmeds_1920 "Children qualifying on the CSHCN Screener prescription medication criteria".
VALUE LABELS rxmeds_1920
1 "Yes"
2 "No".
MISSING VALUES rxmeds_1920(99).
FORMATS rxmeds_1920(f4.0).
EXECUTE .

COMPUTE serve_1920 = 2.
If ((SC_K2Q13 = 1) and (SC_K2Q14 =1) and (SC_K2Q15 = 1)) serve_1920 = 1.
VARIABLE LABELS serve_1920 "Children qualifying on the CSHCN Screener for elevated use of services criteria".
VALUE LABELS serve_1920
1 "Yes"
2 "No".
MISSING VALUES serve_1920(99).
FORMATS serve_1920(f4.0).
EXECUTE.

COMPUTE func_1920 = 2.
IF ((SC_K2Q16 = 1) and (SC_K2Q18 = 1) and (SC_K2Q18 = 1)) func_1920 = 1.
VARIABLE LABELS func_1920 "Children qualifying on the CSHCN Screener functional limitations criteria".
VALUE LABELS func_1920
1 "Yes"
2 "No".
EXECUTE.

COMPUTE therapy_1920 = 2.
IF ((SC_K2Q19 = 1) and (SC_K2Q20 = 1) and (SC_K2Q21 = 1)) therapy_1920 = 1.
VARIABLE LABELS therapy_1920 "Children qualifying on the CSHCN Screener specialized therapy criteria".
VALUE LABELS therapy_1920
1 "Yes"
2 "No".

```

```
MISSING VALUES therapy_1920(99).
FORMATS therapy_1920(f4.0).
EXECUTE.

COMPUTE mhealth_1920 = 2.
IF ((SC_K2Q22 = 1) and (SC_K2Q23 = 1)) mhealth_1920 = 1.
VARIABLE LABELS mhealth_1920 "Children qualifying on the CSHCN Screener ongoing emotional,
developmental or behavioral criteria for which treatment or counseling is needed".
VALUE LABELS mhealth_1920
1 "Yes"
2 "No".
MISSING VALUES mhealth_1920(99).
FORMATS mhealth_1920(f4.0).
EXECUTE.

COUNT qualnum_1920=rxmeds_1920 serve_1920 func_1920 therapy_1920 mhealth_1920(1).
VARIABLE LABELS qualnum_1920 "Number of qualifying CSHCN Screener answers".
VALUE LABELS qualnum_1920
0 "No qualifying answers"
1 "One qualifying answer"
2 "Two qualifying answers"
3 "Three qualifying answers"
4 "Four qualifying answers"
5 "Five qualifying answers".
FORMATS qualnum_1920 (f4.0).
EXECUTE.

COMPUTE CSHCN_1920 = 999.
IF qualnum_1920 = 0 CSHCN_1920 = 2.
IF qualnum_1920 > 0 CSHCN_1920 = 1.
VARIABLE LABELS CSHCN_1920 "Indicator 1.11: Children with special health care needs".
VALUE LABELS CSHCN_1920
1 "Children with special health care needs (CSHCN)"
2 "Non-CSHCN".
FORMATS CSHCN_1920 (f4.0).
EXECUTE.
```

\*\* Number of CSHCN Screener criteria CSHCN met

```

RECODE qualnum_1920
(4 thru 5=4) (else=copy) into qualnum4_1920.
VARIABLE LABELS qualnum4_1920 "Number of CSHCN Screener criteria CSHCN met".
VALUE LABELS qualnum4_1920
1 "1 criteria"
2 "2 criteria"
3 "3 criteria"
4 "4 or 5 criteria"
0 "Non-CSHCN".
MISSING VALUES qualnum4_1920(0).
EXECUTE.
```

\*\*\*Children with specific types of special health care needs based on CSHCN screening criteria

```

COMPUTE CSHCNtype_1920 = 0.
IF ((func_1920 = 1)) and ((serve_1920 = 1) or (therapy_1920 = 1) or (rxmeds_1920 = 1) or
(mhealth_1920 = 1)) CSHCNtype_1920 = 1.
IF ((func_1920 = 1)) and ((serve_1920 = 2) or (therapy_1920 = 2) or (rxmeds_1920 = 2) or
(mhealth_1920 = 2)) CSHCNtype_1920 = 1.
IF (func_1920 = 2) and ((rxmeds_1920 = 1)) and ((serve_1920 = 2) or (therapy_1920 = 2) or
(mhealth_1920 = 2)) CSHCNtype_1920 = 2.
IF (func_1920 = 2) and ((rxmeds_1920 = 2)) and ((serve_1920 = 1) or (therapy_1920 = 1) or
(mhealth_1920 = 1)) CSHCNtype_1920 = 3.
IF (func_1920 = 2) and ((rxmeds_1920 = 1)) and ((serve_1920 = 1) or (therapy_1920 = 1) or
(mhealth_1920 = 1)) CSHCNtype_1920 = 4.
VARIABLE LABELS CSHCNtype_1920 "Children with specific types of special health care needs based
on CSHCN screening criteria".
VALUE LABELS CSHCNtype_1920
0 "Non-CSHCN (no qualifying health needs on CSHCN Screener)"
1 "CSHCN - Functional limitations (alone or in combination with other qualifying needs)"
2 "CSHCN - Prescription medication only (no other qualifying needs on CSHCN Screener)"
3 "CSHCN – Above-routine use of services or use of specialized services (no other qualifying needs on
CSHCN Screener)"
4 "CSHCN - Prescription medication AND above-routine use of services".
FORMATS CSHCNtype_1920 (f4.0).
EXECUTE.
```

\*\*\*CSHCN status and complexity of health care needs

```

RECODE CSHCNtype_1920 (0=3) (1=1) (2=2) (3=1) (4=1) into CSHCNComplex_1920.
VARIABLE LABELS CSHCNComplex_1920 "Complexity of health care needs".
VALUE LABELS CSHCNComplex_1920
3 "Non-CSHCN"
2 "CSHCN with less complex health needs"
1 "CSHCN with more complex health needs".
FORMATS CSHCNComplex_1920(f4.0).
```

```
RECODE CSHCNtype_1920 (0=3) (1=1) (2=2) (3=1) (4=1) into CSHCNComplex2_1920.  
VARIABLE LABELS CSHCNComplex2_1920 "Complexity of health care needs".  
VALUE LABELS CSHCNComplex2_1920  
3 "Non-CSHCN"  
2 "CSHCN with less complex health needs"  
1 "CSHCN with more complex health needs".  
FORMATS CSHCNComplex2_1920(f4.0).  
MISSING VALUES CSHCNComplex2_1920(3).
```

\*\*\* CSHCN meeting ongoing emotional, developmental or behavioral conditions screening criteria

```
COMPUTE mhneeds_1920 = 999.  
IF (CSHCN_1920 = 2) mhneeds_1920 = 3.  
IF (CSHCN_1920 = 1 and mhealth_1920 = 2) mhneeds_1920 = 2.  
IF (CSHCN_1920 = 1 and mhealth_1920 = 1) mhneeds_1920 = 1.  
VARIABLE LABELS mhneeds_1920 "Children with special health care needs who have ongoing  
emotional, behavioral or developmental issues for which treatment or counseling is needed".  
VALUE LABELS mhneeds_1920  
1 "Yes"  
2 "No"  
3 "Non-CSHCN".  
FORMATS mhneeds_1920 (f4.0).
```

Indicator 1.12	Effect of conditions on daily activities (DailyAct_1920)
Description	Does this child have health conditions that consistently and often greatly affect their daily activities during the past 12 months?
Survey Items Used	Survey instrument item number for children 0-5 years: A35, A36(2019), A34, 35(2020); for children 6-11 years: A38, A39 (2019) A34, A35 (2020); for children 12-17 years: A38, A39 (2019), A34, A35(2020) Variables in public use data file: HCABILITY; HCEXTENT
Denominator	Children age 0-17 years who have any condition
Numerator/Response Categories	Daily activities never affected; Daily activities moderately affected some of time; Daily activities consistently affected, often a great deal
Notes for Data-Users	This indicator combines the concepts of "how often" and "how much" children's conditions affect their daily activities. For example: a child may have asthma attacks only rarely, however, when such attacks do occur, they may greatly affect the child's abilities to do daily activities. Children whose conditions "consistently, and often greatly, affect their daily activities" are those with responses of "Usually or Always" to the survey questions "During the past 12 months, how often have this child's health conditions or problems affected their ability to do things other children their age do?" and/or a response of "A great deal" to the question "To what extent do this child's health conditions or problems affect their ability to do things?". Valid responses on both items are required.
Revisions and Changes	There have been no substantive changes to this item or measure since 2016.
SPSS Syntax and Annotation	<pre> COMPUTE DailyAct_1920 = 999. IF HCABILITY = 1 DailyAct_1920 = 0. IF HCABILITY = 2 DailyAct_1920 = 1. IF HCABILITY = 3 or (HCEXTENT = 1 or HCEXTENT = 2) DailyAct_1920 = 2. IF HCABILITY = 4 or HCABILITY=5 DailyAct_1920 = 3. IF HCEXTENT = 3 DailyAct_1920 = 3. IF HCABILITY=99 and HCEXTENT=99 DailyAct_1920 = 99. VARIABLE LABELS DailyAct_1920 "Indicator 1.12: Children whose health conditions consistently and often greatly affect their daily activities during the past 12 months among children who have any condition". VALUE LABELS DailyAct_1920 0 "Do not have any health conditions" 1 "Daily activities never affected" 2 "Daily activities moderately affected some of time" 3 "Daily activities consistently affected, often a great deal" 99 "Missing to both items". </pre>

MISSING VALUES DailyAct\_1920(0,99).

EXECUTE.

***Emotional and Mental Health***

<b>Indicator 2.1</b>	Bully others, age 6-17 years (bully_1920)
<b>Description</b>	During the past 12 months, how often did this child bully others, pick on them, or exclude them, age 6-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 6-11 years: A5(2019), G9(2020); for children 12-17 years: A5(2019), G9(2020) Variable in public use data file: BULLY
<b>Denominator</b>	Children age 6-17 years
<b>Numerator/Response Categories</b>	Never (in the past 12 months); 1-2 times (in the past 12 months); 1-2 times per month; 1-2 times per week; Almost every day
<b>Notes for Data-Users</b>	
This survey question asked, "During the past 12 months, how often did this child bully others, pick on them, or exclude them?". This question is asked for children between 6 and 17 years of age.	
<b>Revisions and Changes</b>	
There have been changes in these items since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE bully_1920 = BULLY. IF SC_AGE_YEARS &lt; 6 bully_1920 = 90. VARIABLE LABELS bully_1920 "Indicator 2.1: Children who bullied others, picked on them or excluded them during the past 12 months, age 6-17 years". VALUE LABELS bully_1920 1 "Never (in the past 12 months)" 2 "1-2 times (in the past 12 months)" 3 "1-2 times per month" 4 "1-2 times per week" 5 "Almost every day" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES bully_1920(90,99). EXECUTE. </pre>	

<b>Indicator 2.2</b>	<b>Bullied, age 6-17 years? (bullied2_1920)</b>
<b>Description</b>	During the past 12 months, how often was this child bullied, picked on, or excluded by other children, age 6-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 6-11 years: A4(2019), G8(2020); for children 12-17 years: A4(2019), G8(2020) Variable in public use data file: BULLIED_R
<b>Denominator</b>	Children age 6-17 years
<b>Numerator/Response Categories</b>	Never (in the past 12 months); 1-2 times (in the past 12 months); 1-2 times per month; 1-2 times per week; Almost every day
<b>Notes for Data-Users</b>	
This survey question asked, "During the past 12 months, how often was this child bullied, picked on, or excluded by other children?" This question is asked for children between 6 and 17 years of age.	
<b>Revisions and Changes</b>	
There have been changes in these items since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE BULLIED_R (else=copy) (99=99) into bullied_1920. IF SC_AGE_YEARS &lt; 6 bullied_1920 = 90. VARIABLE LABELS bullied_1920 "Indicator 2.2: Children who are bullied, picked on, or excluded by other children during the past 12 months, age 6-17 years". VALUE LABELS bullied_1920 1 "Never (in the past 12 months)" 2 "1-2 times (in the past 12 months)" 3 "1-2 times per month" 4 "1-2 times per week" 5 "Almost every day" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES bullied_1920(90,99). EXECUTE. </pre>	

Indicator 2.3	Flourishing for young children, age 6 months-5 years? (flrish0to5_1920)
Description	Is this young child flourishing, age 6 months-5 years?
Survey Items Used	Survey instrument item number for children 0-5 years: A3a-d (2019), G25a-d (2020); for children 6-11 years: A3a (2019), G10a (2020); for children 12-17 years: A3a (2019), G10a (2020) Variables in public use data file: K6Q70_R; K6Q71_R; K6Q72_R; K6Q73_R
Denominator	Children age 6 months-5 years
Numerator/Response Categories	Meets 0-2 flourishing items; Meets 3 flourishing items; Meets all 4 flourishing items
<b>Notes for Data-Users</b>	
<p>For children age 0-5 years, four questions were asked that aimed to capture curiosity and discovery about learning, resilience, attachment with parent, and contentment with life. The survey questions asked, "How often: (1) is this child affectionate and tender, (2) does this child bounce back quickly when things do not go his/her way, (3) does this child show interest and curiosity in learning new things, and (4) does this child smile and laugh?". The "Always" or "Usually" responses to the question indicate the child meets the flourishing item criteria.</p> <p>Questions were developed based on a review of positive health indicators by a Technical Expert Panel (TEP). This TEP includes a representative group of experts in the field of survey methodology, children's health, community organizations, and family leaders. Additionally, there was a public comment period which yielded more interest in this concept.</p>	
<b>Revisions and Changes</b>	
<p>There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a>.</p>	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE K6Q70_R (else=copy) (99=99) into tender_1920. IF SC_AGE_YEARS &gt; 5 tender_1920 = 90. IF SC_AGE_LT6 = 1 tender_1920 = 95. VARIABLE LABELS tender_1920 "Children are affectionate and tender with parent, age 6 months-5 years". VALUE LABELS tender_1920 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Never" 90 "Children age 6-17 years" 95 "Children age &lt;6 months" 99 "Missing". MISSING VALUES tender_1920(90,95,99). </pre>	

EXECUTE.

```

RECODE K6Q73_R
(else=copy) (99=99) into resil0to5_1920.
IF SC_AGE_YEARS > 5 resil0to5_1920 = 90.
IF SC_AGE_LT6 = 1 resil0to5_1920 = 95.
VARIABLE LABELS resil0to5_1920 "Children who bounce back quickly when things don't go their way,
age 6 months-5 years".
VALUE LABELS resil0to5_1920
1 "Always"
2 "Usually"
3 "Sometimes"
4 "Never"
90 "Children age 6-17 years"
95 "Children age <6 months"
99 "Missing".
MISSING VALUES resil0to5_1920(90,95,99).
EXECUTE.

```

```

RECODE K6Q71_R
(else=copy) (99=99) into curious0to5_1920.
IF SC_AGE_YEARS > 5 curious0to5_1920 = 90.
IF SC_AGE_LT6 = 1 curious0to5_1920 = 95.
VARIABLE LABELS curious0to5_1920 "Children who show interest and curiosity in learning new
things, age 6 months-5 years".
VALUE LABELS curious0to5_1920
1 "Always"
2 "Usually"
3 "Sometimes"
4 "Never"
90 "Children age 6-17 years"
95 "Children age <6 months"
99 "Missing".
MISSING VALUES curious0to5_1920(90,99).
EXECUTE.

```

```

RECODE K6Q72_R
(else=copy) (99=99) into smile_1920.
IF SC_AGE_YEARS > 5 smile_1920 = 90.
IF SC_AGE_LT6 = 1 smile_1920 = 95.
VARIABLE LABELS smile_1920 "Children who smile and laugh, age 6 months-5 years".
VALUE LABELS smile_1920
1 "Always"
2 "Usually"
3 "Sometimes"
4 "Never"
90 "Children age 6-17 years"
95 "Children age <6 months"

```

99 "Missing".

MISSING VALUES smile\_1920(90,99).

EXECUTE.

MISSING VALUES tender\_1920 resil0to5\_1920 curious0to5\_1920 smile\_1920().

COUNT flrsh0to5ct=tender\_1920 resil0to5\_1920 curious0to5\_1920 smile\_1920(1,2).

IF tender\_1920=99 and resil0to5\_1920=99 and curious0to5\_1920=99 and smile\_1920=99  
flrsh0to5ct=99.

IF SC\_AGE\_LT6 = 1 flrsh0to5ct = 95.

IF SC\_AGE\_YEARS > 5 flrsh0to5ct=90.

VARIABLE LABELS flrsh0to5ct "Count of always/usually responses to flourishing items, age 6 months-5 years".

VALUE LABELS flrsh0to5ct

90 "Children age 6-17 years"

95 "Children age <6 months"

99 "Missing to all 4 items".

RECODE flrsh0to5ct (0 thru 2 = 1) (3=2) (4=3) (else=copy) into flrish0to5\_1920.

VARIABLE LABELS flrish0to5\_1920 "Indicator 2.3: Flourishing for young children, age 6 months-5 years".

VALUE LABELS flrish0to5\_1920

1 "Meets 0-2 flourishing items"

2 "Meets 3 flourishing items"

3 "Meets all 4 flourishing items"

90 "Children age 6-17 years"

95 "Children age <6 months"

99 "Missing to all 4 items".

MISSING VALUES flrish0to5\_1920(90,95,99).

EXECUTE.

MISSING VALUES tender\_1920 resil0to5\_1920 curious0to5\_1920 smile\_1920(90,95,99).

Indicator 2.4	Flourishing for children and adolescents, age 6-17 years (flrish6to17_1920)
Description	Is this child or adolescent flourishing, age 6-17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: A3a-c(2019), G10a-c(2020); for children 12-17 years: A3a-c(2019), G10a-c(2020) Variable in public use data file: K6Q71_R; K7Q84_R; K7Q85_R
Denominator	Children age 6-17 years
Numerator/Response Categories	Meets 0-1 flourishing items; Meets 2 flourishing items; Meets all 3 flourishing items
Notes for Data-Users	<p>For children age 6-17 years, three questions were asked that aimed to capture curiosity and discovery about learning, resilience, and self-regulation. The survey question asked, "How often does this child: (1) show interest and curiosity in learning new things, (2) work to finish tasks they start, and (3) stay calm and in control when faced with a challenge." The "Always" or "Usually" responses to the question indicate the child meets the flourishing item criteria.</p> <p>Questions were developed based on a review of positive health indicators by a Technical Expert Panel (TEP). This TEP includes a representative group of experts in the field of survey methodology, children's health, community organizations, and family leaders. Additionally, there was a public comment period which yielded more interest in this concept.</p>
Revisions and Changes	<p>There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a>.</p>
SPSS Syntax and Annotation	<pre> RECODE K6Q71_R (else=copy) (99=99) into curious6to17_1920. IF SC_AGE_YEARS &lt; 6 curious6to17_1920=90. VARIABLE LABELS curious6to17_1920 "Children who show interest and curiosity in learning new things, age 6-17 years". VALUE LABELS curious6to17_1920 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Never" 90 "Children age 0-5 years" 99 "Missing". MISSING VALUES curious6to17_1920(90,99). EXECUTE.  RECODE K7Q84_R </pre>

```
(else=copy) (99=99) into finishes_1920.
IF SC_AGE_YEARS < 6 finishes_1920=90.
VARIABLE LABELS finishes_1920 "Children who work to finish the tasks they start, age 6-17 years".
VALUE LABELS finishes_1920
1 "Always"
2 "Usually"
3 "Sometimes"
4 "Never"
90 "Children age 0-5 years"
99 "Missing".
MISSING VALUES finishes_1920(90,99).
EXECUTE.
```

```
RECODE K7Q85_R
(else=copy) (9=99) into resil6to17_1920.
IF SC_AGE_YEARS < 6 resil6to17_1920=90.
VARIABLE LABELS resil6to17_1920 "Children who stay calm and in control when faced with a challenge, age 6-17 years".
VALUE LABELS resil6to17_1920
1 "Always"
2 "Usually"
3 "Sometimes"
4 "Never"
90 "Children age 0-5 years"
99 "Missing".
MISSING VALUES resil6to17_1920(90,99).
EXECUTE.
```

MISSING VALUES finishes\_1920 resil6to17\_1920 curious6to17\_1920 ().

```
COUNT flrsh6to17ct = finishes_1920 resil6to17_1920 curious6to17_1920 (1,2).
IF finishes_1920=99 and resil6to17_1920=99 and curious6to17_1920=99 flrsh6to17ct=99.
IF SC_AGE_YEARS < 6 flrsh6to17ct=90.
VARIABLE LABELS flrsh6to17ct "Count of always/usually responses to flourishing Items, age 6-17 years".
VALUE LABELS flrsh6to17ct
90 "Children age 0-5 years"
99 "Missing to all 3 items".
EXECUTE.
```

```
RECODE flrsh6to17ct (0 thru 1 = 1) (2=2) (3=3) (else=copy) into flrish6to17_1920.
VARIABLE LABELS flrish6to17_1920 "Indicator 2.4: Flourishing for children and adolescents, age 6-17 years".
VALUE LABELS flrish6to17_1920
1 "Meets 0-1 flourishing items"
2 "Meets 2 flourishing items "
3 "Meets all 3 flourishing items "
90 "Children age 0-5 years"
```

99 "Missing to all 3 items".  
MISSING VALUES flrish6to17\_1920 (90,99).  
EXECUTE.

MISSING VALUES finishes\_1920 resil6to17\_1920 curious6to17\_1920(90,99).

<b>Indicator 2.5</b>	How often does this child argue too much, age 6-17 years? (argue_1920)
<b>Description</b>	How often does this child argue too much, age 6-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 6-11 years: A3f(2019), G10f(2020); for children 12-17 years: A3f(2019), G10f(2020) Variable in public use data file: K7Q70_R
<b>Denominator</b>	Children age 6-17 years
<b>Numerator/Response Categories</b>	Always; Usually; Sometimes; Never
<b>Notes for Data-Users</b>	
The survey question asked, "How often does this child argue too much?" This question is asked for children between 6 and 17 years of age.	
<b>Revisions and Changes</b>	
There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE argue_1920 = K7Q70_R. IF SC_AGE_YEARS &lt; 6 argue_1920 = 90. VARIABLE LABELS argue_1920 "Indicator 2.5: Children who argue too much, age 6-17 years". VALUE LABELS argue_1920 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Never" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES argue_1920(90,99). FORMATS argue_1920(f2.0). EXECUTE. </pre>	

<b>Indicator 2.6</b>	<b>Making and keeping friends, age 6-17 years (MakeFriend_1920)</b>
<b>Description</b>	Compared to other children his or her age, how much difficulty does this child have making or keeping friends, age 6-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: G23; for children 6-11 years: G7; for children 12-17 years: G7 Variable in public use data file: MAKEFRIEND
<b>Denominator</b>	Children age 6-17 years
<b>Numerator/Response Categories</b>	No difficulty; A little difficulty; A lot of difficulty
<b>Notes for Data-Users</b>	
This question is asked among children between 3 and 17 years of age. However, the denominator of this measure is children ages 6-17 years.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE MakeFriend_1920 = MAKEFRIEND. IF SC_AGE_YEARS &lt; 6 MakeFriend_1920 = 90. VARIABLE LABELS MakeFriend_1920 "Indicator 2.6: Difficulties making or keeping friends, age 6-17 years". VALUE LABELS MakeFriend_1920 1 "No difficulty" 2 "A little difficulty" 3 "A lot of difficulty" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES MakeFriend_1920(90,99). FORMATS MakeFriend_1920(f2.0). EXECUTE. </pre>	

Indicator 2.7	Prevalence of ADD/ADHD, age 3-17 years (ADHDind_1920)
Description	Does this child currently have Attention Deficit Disorder (ADD) or Attention-Deficit/Hyperactivity Disorder (ADHD), age 3-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: A32(2019), A30(2020); for children 6-11 years: A35(2019), A30(2020); for children 12-17 years: A35(2019), A30(2020) Variable in public use data file: K2Q31A; K2Q31B
Denominator	Children age 3-17 years
Numerator/Response Categories	Does not have condition; Ever told, but does not currently have condition; Currently has condition
<b>Notes for Data-Users</b>	
The NSCH asked this question among all children, including children <3 years old. However, the denominator of this measure is children ages 3-17 years.  All information about children's health conditions from the NSCH is based on parent recollection and is not independently verified. Further, a response of "Yes" to having "ever been told" that a child has a specific health condition DOES NOT indicate whether the child currently has that particular condition and therefore should not be interpreted as current prevalence.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE ADHDind_1920= 999. IF K2Q31A = 2 ADHDind_1920= 1. IF K2Q31A = 1 and K2Q31B = 2 ADHDind_1920= 2. IF K2Q31A = 1 and K2Q31B = 1 ADHDind_1920= 3. IF K2Q31A=99 or K2Q31B=99 ADHDind_1920= 99. IF SC_AGE_YEARS &lt; 3 ADHDind_1920= 95. VARIABLE LABELS ADHDind_1920 "Indicator 2.7: Children who currently have Attention Deficit Disorder (ADD) or Attention-Deficit Hyperactivity Disorder (ADHD), age 3-17 years". VALUE LABELS ADHDind_1920 1 "Does not currently have condition" 2 "Ever told, but does not currently have condition" 3 "Currently has condition" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES ADHDind_1920(95,99). FORMATS ADHDind_1920(f2.0). EXECUTE. </pre>	

Indicator 2.7a	Parent-rated severity of ADD/ADHD, age 3-17 years (ADHDSevInd_1920)
<b>Description</b>	Would you describe this child's current Attention Deficit Disorder (ADD) or Attention-Deficit/Hyperactivity Disorder (ADHD) as mild, moderate or severe, age 3-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: A32(2019), A30(2020); for children 6-11 years: A35(2019), A30(2020); for children 12-17 years: A35(2019), A30(2020) Variable in public use data file: K2Q31A; K2Q31B; K2Q31C
<b>Denominator</b>	Children age 3-17 years
<b>Numerator/Response Categories</b>	Does not currently have ADD/ADHD; Current ADD/ADHD, rated mild; Current ADD/ADHD, rated moderate or severe
<b>Notes for Data-Users</b>	
The NSCH asked this question among all children, including children <3 years old. However, the denominator of this measure is children ages 3-17 years.  All information about children's health conditions from the NSCH is based on parent recollection and is not independently verified. Further, a response of "Yes" to having "ever been told" that a child has a specific health condition DOES NOT indicate whether the child currently has that particular condition and therefore should not be interpreted as current prevalence.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE ADHDSevInd_1920 = 999. IF K2Q31C = 1 ADHDSevInd_1920 = 2. IF K2Q31C = 2 or K2Q31C= 3 ADHDSevInd_1920 = 3. IF ADHD_1920= 1 or ADHD_1920 = 2 ADHDSevInd_1920 = 1. IF K2Q31A = 99 or K2Q31B = 99 or K2Q31C = 99 ADHDSevInd_1920 = 99. IF SC_AGE_YEARS &lt; 3 ADHDSevInd_1920 = 95. VARIABLE LABELS ADHDSevInd_1920 "Indicator 2.7a: Parent-rated severity of current ADD/ADHD, age 3-17 years". VALUE LABELS ADHDSevInd_1920 1 "Does not currently have condition" 2 "Current condition, rated mild" 3 "Current condition, rated moderate or severe" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES ADHDSevInd_1920(95,99). FORMATS ADHDSevInd_1920(f2.0). EXECUTE. </pre>	

Indicator 2.7b	Medication for ADD/ADHD, age 3-17 years (ADHDMed_1920)
Description	Is this child currently taking medication for ADD or ADHD, age 3-17 years?
Survey Items Used	<p>Survey instrument item number for children 0-5 years: A32(2019), A33(2019), A30(2020), A31(2020); for children 6-11 years: A35(2019), A36(2019), A30(2020), A31(2020); for children 12-17 years: A35(2019), A36(2019), A30(2020), A31(2020)</p> <p>Variables in public use data file: K2Q31A; K2Q31B; K2Q31D</p>
Denominator	Children age 3-17 years
Numerator/Response Categories	Currently has condition and taking medication; Currently has condition but not taking medication; Does not currently have condition
<b>Notes for Data-Users</b>	
<p>This measure is based on three questions which asked parents (1) whether they were ever told by a health care provider that their child had ADD or ADHD; (2) whether the child currently has ADD or ADHD; and (3) whether the child is currently taking medication for ADD or ADHD. The second and third questions were asked only if the response to the first question was "Yes".</p> <p>The NSCH asked this question among all children, including children &lt;3 years old. However, the denominator of this measure is children ages 3-17 years.</p> <p>All information about children's health conditions from the NSCH is based on parent recollection and is not independently verified.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE ADHDMed_1920 = 999. IF K2Q31D = 1 ADHDMed_1920 = 1. IF K2Q31D = 2 ADHDMed_1920 = 2. IF K2Q31A=99 or K2Q31B=99 or K2Q31D=99 ADHDMed_1920 = 99. IF K2Q31A = 2 or (K2Q31A = 1 and K2Q31B = 2) ADHDMed_1920 = 3. IF SC_AGE_YEARS &lt; 3 ADHDMed_1920 = 95. VARIABLE LABELS ADHDMed_1920 "Indicator 2.7b: Children currently taking medication for ADD/ADHD, age 3-17 years". VALUE LABELS ADHDMed_1920 1 "Currently has condition and taking medication" 2 "Currently has condition but not taking medication" 3 "Does not currently have condition" 99 "Missing" 95 "Children age 0-2 year". MISSING VALUES ADHDMed_1920(95,99). EXECUTE. </pre>	

<b>Indicator 2.7c</b>	<b>Received behavioral treatment for ADD/ADHD, age 3-17 years (ADHDBehTreat_1920)</b>
<b>Description</b>	At any time during the past 12 months, did this child receive behavioral treatment for ADD or ADHD, such as training or an intervention that you or this child received to help with his or her behavior, age 3-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: A32(2019), A34(2019), A30(2020), A32(2020); for children 6-11 years: A35(2019), A37(2019), A30(2020), A32(2020); for children 12-17 years: A35(2019), A37(2019), A30(2020), A32(2020) Variable in public use data file: ADDTREAT; K2Q31A; K2Q31
<b>Denominator</b>	Children age 3-17 years
<b>Numerator/Response Categories</b>	Currently has condition and received behavioral treatment; Currently has condition but did not receive behavioral treatment; Does not currently have condition
<b>Notes for Data-Users</b>	
<p>This measure is based on three questions which asked parents (1) whether they were ever told by a health care provider that their child had ADD or ADHD; (2) whether the child currently has ADD or ADHD; and (3) whether the child received behavioral treatment for ADD or ADHD. The second and third questions were asked only if the response to the first question was "Yes".</p> <p>The NSCH asked this question among all children, including children &lt;3 years old. However, the denominator of this measure is children ages 3-17 years.</p> <p>All information about children's health conditions from the NSCH is based on parent recollection and is not independently verified.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE ADHDBehTreat_1920 = 999. IF ADDTREAT = 1 ADHDBehTreat_1920 = 1. IF ADDTREAT = 2 ADHDBehTreat_1920 = 2. IF K2Q31A=99 or K2Q31B=99 or ADDTREAT=99 ADHDBehTreat_1920 = 99. IF K2Q31A = 2 or (K2Q31A = 1 and K2Q31B = 2) ADHDBehTreat_1920 = 3. IF SC_AGE_YEARS &lt; 3 ADHDBehTreat_1920 = 95. VARIABLE LABELS ADHDBehTreat_1920 "Indicator 2.7c: Received behavioral treatment for ADD/ADHD, age 3-17 years". VALUE LABELS ADHDBehTreat_1920 1 "Currently has condition and received behavioral treatment" 2 "Currently has condition but did not receive behavioral treatment" 3 "Does not currently have condition" </pre>	

```
99 "Missing"  
95 "Children age 0-2 year".  
MISSING VALUES ADHDBehTreat_1920(95,99).  
EXECUTE.
```

Indicator 2.8	Prevalence of autism/ASD, age 3-17 years (AutismInd_1920)
Description	Does this child currently have autism or autism spectrum disorder (ASD) including Asperger's disorder, pervasive developmental disorder, age 3-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: A27(2019), A25(2020); for children 6-11 years: A30(2019), A25(2020); for children 12-17 years: A30(2019), A25(2020) Variables in public use data file: K2Q35A; K2Q35B
Denominator	Children age 3-17 years
Numerator/Response Categories	Does not have condition; Ever told, but does not currently have condition; Currently has condition
<b>Notes for Data-Users</b>	
<p>A response of "Yes" to having "ever been told" that a child has a specific health condition does not indicate whether the child currently has that particular condition and therefore should not be interpreted as current prevalence.</p> <p>The NSCH asked this question among all children, including children &lt;3 years old. However, the denominator of this measure is children ages 3-17 years.</p> <p>All information about children's health conditions from the NSCH is based on parent recollection and is not independently verified.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE AutismInd_1920 = 999. IF K2Q35A = 2 AutismInd_1920 = 1. IF K2Q35A = 1 and K2Q35B = 2 AutismInd_1920 = 2. IF K2Q35A = 1 and K2Q35B = 1 AutismInd_1920 = 3. IF K2Q35A=99 or K2Q35B=99 AutismInd_1920 = 99. IF SC_AGE_YEARS &lt; 3 AutismInd_1920 = 95. VARIABLE LABELS AutismInd_1920 "Indicator 2.8: Children who currently have autism or autism spectrum disorder including Asperger's Disorder, pervasive developmental disorder, age 3-17 years". VALUE LABELS AutismInd_1920 1 "Does not have condition" 2 "Ever told, but does not currently have condition" 3 "Currently has condition" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES AutismInd_1920(95,99). FORMATS AutismInd_1920(f2.0). EXECUTE. </pre>	

Indicator 2.8a	Severity of autism/ASD, age 3-17 years? (ASDSevInd_1920)
Description	Would you describe this child's current autism or autism spectrum disorder as mild, moderate or severe, age 3-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: A27(2019), A25(2020); for children 6-11 years: A30(2019), A25(2020); for children 12-17 years: A30(2019), A25(2020) Variables in public use data file: K2Q35A; K2Q35B; K2Q35C
Denominator	Children age 3-17 years
Numerator/Response Categories	Does not currently have autism or ASD; Current autism or ASD, rated mild; Current autism or ASD, rated moderate or severe
Notes for Data-Users	<p>These questions were asked among all children, including children &lt;3 years old. However, the denominator of this measure is children ages 3-17 years.</p> <p>All information about children's health conditions from the NSCH is based on parent recollection and is not independently verified.</p>
Revisions and Changes	There have been no substantive changes to this item or measure since 2016.
SPSS Syntax and Annotation	<pre> COMPUTE ASDSevInd_1920 = 999. IF K2Q35C = 1 ASDSevInd_1920 = 2. IF K2Q35C = 2 or K2Q35C =3 ASDSevInd_1920 = 3. IF autism_1920= 1 or autism_1920 = 2 ASDSevInd_1920 = 1. IF K2Q35A = 99 or K2Q35B = 99 or K2Q35C = 99 ASDSevInd_1920 = 99. IF SC_AGE_YEARS &lt; 3 ASDSevInd_1920 = 95. VARIABLE LABELS ASDSevInd_1920 "Indicator 2.8a: Parent-rated severity of current autism or autism spectrum disorder, age 3-17 years". VALUE LABELS ASDSevInd_1920 1 "Does not currently have condition" 2 "Current condition, rated mild" 3 "Current condition, rated moderate or severe" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES ASDSevInd_1920(95,99). FORMATS ASDSevInd_1920(f2.0). EXECUTE. </pre>

Indicator 2.8b	Medication for autism/ASD, age 3-17 years (ASDMed_1920)
Description	Is this child currently taking medication for autism, autism spectrum disorder, age 3-17 years?
Survey Items Used	<p>Survey instrument item number for children 0-5 years: A27(2019), A30(2019), A25(2020), A28(2020); for children 6-11 years: A30(2019), A33(2019), A25(2020), A28(2020); for children 12-17 years: A30(2019), A33(2019), A25(2020), A28(2020)</p> <p>Variables in public use data file: AUTISMMED; K2Q35; K2Q35B</p>
Denominator	Children age 3-17 years
Numerator/Response Categories	Currently has condition and taking medication; Currently has condition but not taking medication; Does not currently have condition
<b>Notes for Data-Users</b>	
<p>This measure was based on three questions which asked parents (1) whether they were ever told by a provider that their child had autism/ASD; (2) whether the child currently has autism/ASD; and (3) whether the child is currently taking medication for autism/ASD. The second and third questions were asked only if the response to the first question was "Yes"</p> <p>These questions were asked among all children, including children &lt;3 years old. However, the denominator of this measure is children ages 3-17 years.</p> <p>All information about children's health conditions from the NSCH is based on parent recollection and is not independently verified.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE ASDMed_1920= 999. IF AUTISMMED = 1 ASDMed_1920 = 1. IF AUTISMMED = 2 ASDMed_1920 = 2. IF K2Q35B = 99 or K2Q35A = 99 or AUTISMMED = 99 ASDMed_1920 = 99. IF K2Q35A = 2 or (K2Q35A = 1 and K2Q35B = 2) ASDMed_1920 = 3. IF SC_AGE_YEARS &lt; 3 ASDMed_1920 = 95. VARIABLE LABELS ASDMed_1920 "Indicator 2.8b: Children currently taking medication for Autism, ASD, Asperger's Disorder or PDD, age 3-17 years". VALUE LABELS ASDMed_1920 1 "Currently have condition and taking medication" 2 "Currently have condition but not taking medication" 3 "Do not currently have condition" 99 "Missing" 95 "Children age 0-2 year". </pre>	

MISSING VALUES ASDMed\_1920(95,99).

EXECUTE.

<b>Indicator 2.8c</b>	<b>Received behavioral treatment for autism/ASD, age 3-17 years (ASDBehTreat_1920)</b>
<b>Description</b>	At any time during the past 12 months, did this child receive behavioral treatment for autism, autism spectrum disorder, Asperger's disorder or pervasive developmental disorder, such as training or an intervention that you or this child received to help with his or her behavior, age 3-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: A27(2019), A31(2019), A25(2020), A29(2020); for children 6-11 years: A30(2019), A34(2019), A25(2020), A29(2020); for children 12-17 years: A30(2019), A34(2019), A25(2020), A29(2020) Variables in public use data file: AUTISMTRT; K2Q35A; K2Q35B
<b>Denominator</b>	Children age 3-17 years
<b>Numerator/Response Categories</b>	Currently has condition and received behavioral treatment; Currently has condition but did not receive behavioral treatment; Does not currently have condition
<b>Notes for Data-Users</b>	
<p>This measure was based on three questions which asked parents (1) whether they were ever told by a provider that their child had autism/ASD; (2) whether the child currently has autism/ASD; and (3) whether the child received behavioral treatment for autism/ ASD. The second and third questions were asked only if the response to the first question was "Yes".</p> <p>These questions were asked among all children, including children &lt;3 years old. However, the denominator of this measure is children ages 3-17 years.</p> <p>All information about children's health conditions from the NSCH is based on parent recollection and is not independently verified.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE ASDBehTreat_1920 = 999. IF AUTISMTRT = 1 ASDBehTreat_1920 = 1. IF AUTISMTRT = 2 ASDBehTreat_1920 = 2. IF K2Q35B = 99 or K2Q35A = 99 or AUTISMTRT = 99 ASDBehTreat_1920 = 99. IF K2Q35A = 2 or (K2Q35A = 1 and K2Q35B = 2) ASDBehTreat_1920 = 3. IF SC_AGE_YEARS &lt; 3 ASDBehTreat_1920 = 95. VARIABLE LABELS ASDBehTreat_1920 "Indicator 2.8c: Received behavioral treatment for autism, ASD, Asperger's Disorder or PDD, age 3-17 years". VALUE LABELS ASDBehTreat_1920 1 "Currently has condition and received behavioral treatment" 2 "Currently has condition but did not receive behavioral treatment" 3 "Does not currently have condition" </pre>	

```
99 "Missing"  
95 "Children age 0-2 years".  
MISSING VALUES ASDBehTreat_1920(95,99).  
EXECUTE.
```

Indicator 2.8d	Age of diagnosis for autism/ASD, age 3-17 years (ASDAge_1920)
Description	How old was this child when a doctor or other health care provider first told you that they had autism, autism spectrum disorder, Asperger's disorder or pervasive developmental disorder?
Survey Items Used	Survey instrument item number for children 0-5 years: A27(2019), A28(2019), A25(2020), A26(2020); for children 6-11 years: A30(2019), A31(2019), A25(2020), A26(2020); for children 12-17 years: A30(2019), A31(2019), A25(2020), A26(2020) Variables in public use data file: K2Q35A; K2Q35A_1_YEARS
Denominator	Children age 3-17 years who have been diagnosed with autism or autism spectrum disorder
Numerator/Response Categories	Diagnosed at younger than 3 years of age; Diagnosed at 3-5 years of age; Diagnosed at older than 5 years of age
<b>Notes for Data-Users</b>	
All information about children's health conditions from the NSCH is based on parent recollection and is not independently verified.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE K2Q35A_1_YEARS (0 thru 2 =1) (3 thru 5=2) (6 thru 17=3) (99=999) (else=copy) into ASDAge_1920. IF K2Q35A = 2 ASDAge_1920 = 998. IF SC_AGE_YEARS &lt; 3 ASDAge_1920 = 995. VARIABLE LABELS ASDAge_1920 "Indicator 2.8d: Age of diagnosis for autism or ASD, age 3-17 years". VALUE LABELS ASDAge_1920 1 "Diagnosed at younger than 3 years of age" 2 "Diagnosed at 3-5 years of age" 3 "Diagnosed at older than 5 years of age" 998 "Never told that child has autism/ASD" 999 "Don't know/Missing" 995 "Children age 0-2 year". MISSING VALUES ASDAge_1920(995,998,999). EXECUTE. </pre>	

<b>Indicator 2.8e</b>	Type of health care provider to first tell that child had autism/ASD, age 3-17 years (ASDDrType_1920)
<b>Description</b>	What type of doctor or other health care provider was the first to tell you that this child had autism, autism spectrum disorder, Asperger's disorder or pervasive developmental disorder, age 3-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: A27(2019), A29(2019), A25(2020), A27(2020); for children 6-11 years: A30(2019), A32(2019), A25(2020), A27(2020); for children 12-17 years: A30(2019), A32(2019), A25(2020), A27(2020) Variables in public use data file: K2Q35A; K2Q35D
<b>Denominator</b>	Children age 3-17 years who have been diagnosed autism/ASD
<b>Numerator/Response Categories</b>	Primary care provider; Specialist; Psychologist or counselor (school or non-school); Psychiatrist; Other health care provider
<b>Notes for Data-Users</b>	
All information about children's health conditions from the NSCH is based on parent recollection and is not independently verified.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE K2Q35D (1=1) (2=2) (3 thru 4=3) (5=4) (6=5) (7=99) (else=copy) into ASDDrType_1920. IF K2Q35D=99 ASDDrType_1920 = 99. IF K2Q35D = 7 ASDDrType_1920 = 99. IF K2Q35A = 2 ASDDrType_1920 = 96. IF SC_AGE_YEARS &lt; 3 ASDDrType_1920 = 95. VARIABLE LABELS ASDDrType_1920 "Indicator 2.8e: Type of doctor or other health care provider who was the first to tell that this child had autism, ASD, Asperger's Disorder or PDD, age 3-17 years". VALUE LABELS ASDDrType_1920 1 "Primary Care Provider" 2 "Specialist" 3 "Psychologist/Counselor (school or non-school)" 4 "Psychiatrist" 5 "Other health care provider" 96 "Never told that child has ASD" 99 "Don't Know/Missing" 95 "Children age 0-2 year". MISSING VALUES ASDDrType_1920(95,96,99). EXECUTE. </pre>	

<b>Indicator 2.9</b>	<b>Medication for ADD/ADHD, ASD, or other emotional/behavioral difficulties, age 3-17 years (MedEmotion_1920)</b>
<b>Description</b>	Is this child taking medication for ADD/ADHD, autism/ASD, or difficulties with emotions, concentration, or behavior, age 3-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: A30(2019), A33(2019), A28(2020), A31(2020), C19; for children 6-11 years: A33(2019), A36(2019), A28(2020), A31(2020), C19; for children 12-17 years: A33(2019), A36(2019), A28(2020), A31(2020), C19 Variables in public use data file: AUTISM MED; K2Q31D; K4Q23
<b>Denominator</b>	Children age 3-17 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
<p>This measure combines responses to three questions: whether children with current ASD are using medication, whether children with current ADD/ADHD are using medication, and whether children not on medication for ASD or ADD/ADHD have taken medication for other emotional/behavioral/concentration issues during the past 12 months. A "Yes" to any of these questions qualifies.</p> <p>All information about children's health conditions from the NSCH is based on parent recollection and is not independently verified.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE MedEmotion_1920 = 999. IF K4Q23 = 99 MedEmotion_1920 = 99. IF K4Q23 = 2 MedEmotion_1920 = 2. IF K4Q23 = 1 MedEmotion_1920 = 1. IF K2Q31D = 1 MedEmotion_1920 = 1. IF AUTISM MED = 1 MedEmotion_1920 = 1. IF SC_AGE_YEARS &lt; 3 MedEmotion_1920 = 90. VARIABLE LABELS MedEmotion_1920 "Indicator 2.9: Children who are taking medication for ADD/ADHD, ASD, difficulties with emotions, concentration, or behavior, age 3-17 years". VALUE LABELS MedEmotion_1920 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 0-2 years". MISSING VALUES MedEmotion_1920(90,99). </pre>	

FORMATS MedEmotion\_1920(f2.0).

EXECUTE.

<b>Indicator 2.10</b>	<b>Mental, emotional, developmental, or behavioral problems, age 3-17 years (MEDB10ScrQ5_1920)</b>
<b>Description</b>	Does this child have a mental, emotional, developmental or behavioral (MEDB) problem, age 3-17 years?
<b>Survey Items Used</b>	<p>Survey instrument item numbers for children 0-5 years: A15-A17(2019), A13-A15(2020) A22-26(2019), A20-24(2020) A27(2019), A25(2020), A32(2019), A30(2020); for children 6-11 years: A17-A19(2019), A13-A15(2020) A25-29(2019), A20-24(2020) A30(2019), A25(2020) A35 (2019), A30 (2020); for children 12-17 years: A17-A19(2019), A13-A15(2020), A25-29(2019), A20-24(2020), A30(2019), A25(2020), A35(2019), A30 (2020); The screener item numbers: 11 for all children</p> <p>Variables in public use data file: K2Q38A; K2Q38B; K2Q33A; K2Q33B; K2Q32A; K2Q32B; K2Q34A; K2Q34B; K2Q36A; K2Q36B; K2Q60A; K2Q60B; K2Q37A; K2Q37B; K2Q30A; K2Q30B; K2Q35A; K2Q35B; K2Q31A; K2Q31B; SC_K2Q22; SC_K2Q23</p>
<b>Denominator</b>	Children age 3-17 years
<b>Numerator/Response Categories</b>	Child has 1 or more reported MEDB problems, and/or qualifies on CSHCN Screener emotional, behavioral or developmental criteria; Child does not currently have mental, emotional, developmental, or behavioral problems
<b>Notes for Data-Users</b>	
<p>This measure was derived based on 10 conditions (Tourette Syndrome (3-17 years), anxiety problems (3-17 years), depression (3-17 years), behavioral and conduct problem (3-17 years), developmental delay (3-17 years), intellectual disability (3-17 years), speech or other language disorder (3-17 years), learning disability (also known as mental retardation) (3-17 years), Autism or Autism Spectrum Disorder (ASD) (3-17 years), Attention Deficit Disorder or Attention-Deficit/Hyperactivity Disorder (ADD or ADHD) (3-17 years)) and the CSHCN Screener questions on mental, emotional and behavioral problems. To qualify as having a mental, emotional, developmental or behavioral problem, the child must have any of 10 conditions currently and/or qualify on the CSHCN Screener ongoing emotional, developmental or behavioral conditions criteria.</p> <p>Please note that in the NSCH, all information about children's health conditions is based on parent recollection and is not independently verified.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre>MISSING VALUES ADHD_1920 depress_1920 anxiety_1920 behavior_1920 autism_1920 DevDelay_1920 IntDisab_1920 tourette_1920 speech_1920 learning_1920().  COUNT anyMEDB10 = ADHD_1920 depress_1920 anxiety_1920 behavior_1920 autism_1920 DevDelay_1920 tourette_1920 speech_1920 IntDisab_1920 learning_1920(3).</pre>	

```

IF ADHD_1920=99 and depress_1920=99 and anxiety_1920=99 and behavior_1920=99 and
autism_1920=99 and DevDelay_1920=99 and tourette_1920=99 and speech_1920=99 and
IntDisab_1920=99 and learning_1920=99 anyMEDB10=99.
IF SC_AGE_YEARS<3 anyMEDB10 = 95.
VARIABLE LABELS anyMEDB10 "Number of current chronic MEDB conditions from a list of 10 asked
in the survey, age 3-17 (ADHD, depression, anxiety, behavioral problems, autism, developmental
delay, Tourette, speech, intellectual disability or learning".
VALUE LABELS anyMEDB10
0 "No current MEDB conditions"
95 "Children 0-2 years"
99 "Missing to all".
formats anyMEDB10 (F3.0).
missing values anyMEDB10 ().

COMPUTE MEDB10cond_1920=999.
IF anyMEDB10>0 MEDB10cond_1920=1.
IF anyMEDB10=0 MEDB10cond_1920=2.
IF anyMEDB10=99 MEDB10cond_1920=99.
IF SC_AGE_YEARS<3 MEDB10cond_1920 = 95.
VARIABLE LABELS MEDB10cond_1920 "Children with one or more MEDB conditions from the list of
10 conditions, age 3-17 years: (ADHD, depression, anxiety, behavioral problems, autism, dev delay,
Tourette, speech, intellectual disability or learning".
VALUE LABELS MEDB10cond_1920
1 "Children who have any MEDB condition"
2 "Children who do not have MEDB conditions"
95 "Children age 0-2 years"
99 "Missing to all".

COMPUTE MEDB10ScrQ5_1920=999.
IF mhneeds_1920 = 1 or anyMEDB10 > 0 MEDB10ScrQ5_1920 = 1.
IF (mhneeds_1920 = 2 or mhneeds_1920 = 3) and (anyMEDB10 = 0 or anyMEDB10 =99)
MEDB10ScrQ5_1920 = 2.
IF anyMEDB10=99 and mhneeds_1920=99 MEDB10ScrQ5_1920=99.
IF SC_AGE_YEARS<3 MEDB10ScrQ5_1920 = 95.
VARIABLE LABELS MEDB10ScrQ5_1920 "Indicator 2.10: Children with mental, emotional,
developmental or behavioral problems, age 3-17 years".
VALUE LABELS MEDB10ScrQ5_1920
1 "Child has 1 or more MEDB problems, and/or qualifies on CSHCN Screener emotional, behavioral
or developmental criteria"
2 "Child does not currently have mental, emotional, developmental, or behavioral problems"
95 "Children age 0-2 years"
99 "Missing to all".
MISSING VALUES MEDB10ScrQ5_1920(95,99).
EXECUTE.

```

***Health and Insurance Coverage***

Indicator 3.1	Current health insurance status (CurreIns_1920)
Description	Is this child currently covered by health insurance or health coverage plans?
Survey Items Used	Survey instrument item number for children 0-5 years: E1, E3; for children 6-11 years: E1, E3; for children 12-17 years: E1, E3 Variable in public use data file: CURREINS (derived)
Denominator	Children age 0-17 years
Numerator/Response Categories	Yes; No
<b>Notes for Data-Users</b>	
This measure was derived using the CURREINS variable provided in the NSCH public use data files. CURREINS variable was constructed from three questions: (1) whether the child was covered by any kind of health insurance during the past 12 months, (2) whether the child was covered with any kind of health insurance at the time of the survey, and (3) type of insurance coverage. Children who had coverage for all the last 12 months or were currently insured were categorized as children who are currently insured. However, if child's health insurance coverage was reported to be only Indian Health Service or religious health care share, that child was considered as not having current health insurance even though the response indicates that the child is currently insured.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE CurreIns_1920 = CURREINS. VARIABLE LABELS CurreIns_1920 "Indicator 3.1: Current health insurance status at time of survey". VALUE LABELS CurreIns_1920 1 "Currently insured" 2 "Currently uninsured" 99 "Missing". MISSING VALUES CurreIns_1920(99). FORMATS CurreIns_1920(f4.0). EXECUTE. </pre>	

Indicator 3.2	Consistency of insurance coverage (InsGap_1920)
Description	Did this child have consistent health insurance coverage during the past 12 months?
Survey Items Used	Survey instrument item number for children 0-5 years: E1,E3,E4; for children 6-11 years: E1,E3,E4; for children 12-17 years: E1,E3,E4 Variable in public use data file: CURRINS (derived); INSGAP (derived)
Denominator	Children age 0-17 years
Numerator/Response Categories	Yes; No
<b>Notes for Data-Users</b>	
This measure is derived using the INSGAP variable provided in the NSCH public use data file. INSGAP variable was constructed from three questions: (1) whether the child was covered by any kind of health insurance during the past 12 months, (2) whether the child was covered by any kind of health insurance at the time of the survey, and (3) type of insurance coverage. This measure combines the following responses to INSGAP: "Yes child had any kind of insurance, but had a gap in coverage" and "No, child did not have any insurance during the past 12 months", as "child did not have continuous coverage during the past 12 months". It is important to note that consistency of the coverage was considered as missing if the child was currently insured but the type of coverage was only Indian Health Service or religious health care share.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE InsGap_1920 = 999. IF INSGAP = 1 InsGap_1920 = 1. IF INSGAP = 2 or INSGAP = 3 InsGap_1920 = 2. IF CURRINS = 2 InsGap_1920 = 2. IF INSGAP = 99 InsGap_1920 = 99. VARIABLE LABELS InsGap_1920 "Indicator 3.2: Children who had consistent health insurance coverage during the past 12 months". VALUE LABELS InsGap_1920 1 "Consistently insured throughout the past year" 2 "Currently uninsured or had periods without coverage" 99 "Missing". MISSING VALUES InsGap_1920(99). FORMATS InsGap_1920(f4.0). EXECUTE. </pre> <p>*Reasons not covered by health insurance</p>	

```
COMPUTE NoCovEmp_1920 = K12Q01_A.  
IF INSGAP = 1 NoCovEmp_1920 = 95.  
IF INSGAP=99 NoCovEmp_1920 = 99.  
VARIABLE LABELS NoCovEmp_1920 "Children who were not covered by health insurance due to  
change in parent's employment status".  
VALUE LABELS NoCovEmp_1920  
1 "Gap related to employment change"  
2 "Gap not related to employment change"  
95 "Insured continuously all year"  
99 "Missing".  
MISSING VALUES NoCovEmp_1920(95,99).  
  
COMPUTE NoCovOverdue_1920 = K12Q01_B.  
IF INSGAP = 1 NoCovOverdue_1920 = 95.  
IF INSGAP=99 NoCovOverdue_1920 = 99.  
VARIABLE LABELS NoCovOverdue_1920 "Children who were not covered by health insurance  
because of cancellation due to overdue premium".  
VALUE LABELS NoCovOverdue_1920  
1 "Gap related to overdue premium"  
2 "Gap not related to overdue premium"  
95 "Insured continuously all year"  
99 "Missing".  
MISSING VALUES NoCovOverdue_1920(95,99).  
  
COMPUTE NoCovUnafford_1920 = K12Q01_C.  
IF INSGAP = 1 NoCovUnafford_1920 = 95.  
IF INSGAP=99 NoCovUnafford_1920 = 99.  
VARIABLE LABELS NoCovUnafford_1920 "Dropped health insurance coverage because it was  
unaffordable".  
VALUE LABELS NoCovUnafford_1920  
1 "Gap related to unaffordability"  
2 "Gap not related to unaffordability"  
95 "Insured continuously all year"  
99 "Missing".  
MISSING VALUES NoCovUnafford_1920(95,99).  
  
COMPUTE NoCovBenInadeq_1920 = K12Q01_D.  
IF INSGAP = 1 NoCovBenInadeq_1920 = 95.  
IF INSGAP=99 NoCovBenInadeq_1920 = 99.  
VARIABLE LABELS NoCovBenInadeq_1920 "Dropped health insurance coverage because benefits  
were inadequate".  
VALUE LABELS NoCovBenInadeq_1920
```

1 "Gap related to inadequacy of coverage"  
2 "Gap not due to inadequacy of coverage"  
95 "Insured continuously all year"  
99 "Missing".

MISSING VALUES NoCovBenInadeq\_1920(95,99).

COMPUTE NoCovProvInadeq\_1920 = K12Q01\_E.

IF INSGAP = 1 NoCovProvInadeq\_1920 = 95.

IF INSGAP=99 NoCovProvInadeq\_1920 = 99.

VARIABLE LABELS NoCovProvInadeq\_1920 "Dropped health insurance coverage because choice of health care provider was inadequate".

VALUE LABELS NoCovProvInadeq\_1920

1 "Gap related to inadequacy of provider options"

2 "Gap not related to provider options"

95 "Insured continuously all year"

99 "Missing".

MISSING VALUES NoCovProvInadeq\_1920(95,99).

COMPUTE NoCovRenew\_1920 = K12Q01\_F.

IF INSGAP = 1 NoCovRenew\_1920 = 95.

IF INSGAP=99 NoCovRenew\_1920 = 99.

VARIABLE LABELS NoCovRenew\_1920 "Child was not covered by insurance due to problems with application or renewal process".

VALUE LABELS NoCovRenew\_1920

1 "Gap related to renewal or application process"

2 "Gap not related to renewal or application process"

95 "Insured continuously all year"

99 "Missing".

MISSING VALUES NoCovRenew\_1920(95,99).

Indicator 3.3	Type of health insurance (InsType_1920)
Description	What type of health insurance coverage, if any, did the child have at the time of the survey?
Survey Items Used	Survey instrument item number for children 0-5 years: E4; for children 6-11 years: E4; for children 12-17 years: E4 Variable in public use data file: CURRINS (derived); INSTYPE (derived); K12Q03; K12Q04; K12Q12; TRICARE; K11Q03R; HCCOVOTH
Denominator	Children age 0-17 years
Numerator/Response Categories	Public health insurance only; Private health insurance only; Public and private insurance; Currently uninsured
<b>Notes for Data-Users</b>	
This measure was derived using the constructed INSTYPE variable provided in the NSCH public use data files. The INSTYPE variable was constructed from two questions: whether the child was currently insured (CURRCOV); and the child's type of insurance. "Public insurance" is defined as "Medicaid, Medical Assistance, or any kind of government assistance plan for those with low incomes or a disability." Private insurance is defined as "Insurance through a current or former employer or union", "Insurance purchased directly from an insurance company", "TRICARE or other military health care," or coverage through the Affordable Care Act or other private insurance. Children identified as only having Indian Health Services or a religious health share as an insurance type were considered to have "no current insurance coverage".	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE INSTYPE (5=4) (else=copy) into instype_1920. VARIABLE LABELS instype_1920 "Indicator 3.3: Type of health insurance at time of the survey". VALUE LABELS instype_1920 1 "Public health insurance only" 2 "Private health insurance only" 3 "Public and private insurance" 4 "Uninsured" 99 "Missing". MISSING VALUES instype_1920(99). FORMATS instype_1920(f4.0). EXECUTE. </pre>	

Indicator 3.4	Adequacy of current insurance (InsAdeq_1920)
Description	Is this child adequately and continuously insured; that is, is their current insurance adequate and were they insured for the entire past 12 months?
Survey Items Used	Survey instrument item number for children 0-5 years: E1, E3, E5, E6, F1, F2; for children 6-11 years: E1, E3, E5, E6, F1, F2; for children 12-17 years: E1, E3, E5, E6, F1, F2 Variables in public use data file: CURREINS (derived); INSGAP (derived); K3Q20; K3Q21B; K3Q22; HOWMUCH
Denominator	Children age 0-17 years
Numerator/Response Categories	Current insurance is adequate; Current insurance is not adequate
<b>Notes for Data-Users</b>	
Five questions were used to create this measure: (1) current health insurance coverage; (2) whether coverage is sufficient to meet the child's needs; (3) how much they paid out-of-pocket for child's health care; (4) how often are these costs reasonable; and (5) whether insurance allows the child to see needed health care providers. Adequate insurance is defined by the following criteria: child currently has health insurance coverage AND benefits usually or always meet child's needs AND usually or always allow child to see needed providers AND either no out-of-pocket expenses or out-of-pocket expenses are usually or always reasonable.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE K3Q20 (1=1) (2=2) (3 thru 4=3) (99=99) into benefits_1920. IF CURREINS = 99 benefits_1920=99. IF CURREINS = 2 benefits_1920=95. VARIABLE LABELS benefits_1920 "Current insurance benefits meets child's health needs". VALUE LABELS benefits_1920 1 "Always" 2 "Usually" 3 "Sometimes or never" 99 "Missing" 95 "Uninsured". MISSING VALUES benefits_1920 (95,99). FORMATS benefits_1920 (f3.0). EXECUTE.  RECODE K3Q22 </pre>	

```
(1=1) (2=2) (3 thru 4=3) (99=99) into allows_1920.
IF CURRINS = 99 allows_1920 = 99.
IF CURRINS = 2 allows_1920=95.
VARIABLE LABELS allows_1920 "Current insurance coverage allows child to see needed providers".
VALUE LABELS allows_1920
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing"
95 "Uninsured".
MISSING VALUES allows_1920 (95,99).
FORMATS allows_1920 (f3.0).
EXECUTE.

COMPUTE expense_1920 = 999.
IF K3Q21B = 1 expense_1920 = 1.
IF K3Q21B = 2 expense_1920 = 2.
IF (K3Q21B = 3 or K3Q21B = 4) expense_1920 = 3.
IF K3Q21B = 99 expense_1920=99.
IF HOWMUCH = 1 expense_1920 = 0.
IF CURRINS = 99 expense_1920 = 99.
IF CURRINS = 2 expense_1920=95.
VARIABLE LABELS expense_1920 "Current insurance out-of-pocket costs are reasonable".
VALUE LABELS expense_1920
0 'No out of pocket expenses'
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing"
95 "Uninsured".
MISSING VALUES expense_1920 (95,99).
FORMATS expense_1920 (f3.0).

MISSING VALUES benefits_1920 allows_1920 expense_1920 ().

COMPUTE InsAdeq_1920=999.
IF (benefits_1920 = 1 or benefits_1920 = 2 or benefits_1920 = 99) and (allows_1920 = 1 or
allows_1920 = 2 or allows_1920 = 99) and (expense_1920 = 1 or expense_1920 =2 or expense_1920
= 99) InsAdeq_1920 = 1.
IF expense_1920 = 0 InsAdeq_1920 = 1.
IF benefits_1920 = 3 or allows_1920 = 3 or expense_1920 = 3 InsAdeq_1920 = 2.
IF benefits_1920 = 99 and allows_1920 = 99 and expense_1920 = 99 InsAdeq_1920 = 99.
IF CURRINS = 2 InsAdeq_1920 = 95.
```

```
VARIABLE LABELS InsAdeq_1920 "Indicator 3.4: Adequacy of current insurance coverage".  
VALUE LABELS InsAdeq_1920  
1 "Current insurance is adequate"  
2 "Current insurance is not adequate"  
99 "Missing to all questions"  
95 "Uninsured".  
MISSING VALUES InsAdeq_1920(95,99).  
FORMATS InsAdeq_1920(f4.0).  
EXECUTE.
```

Indicator 3.4a	Adequate and continuous insurance (insurance_1920)
Description	Is this child adequately and continuously insured; that is, is their current insurance adequate and were they insured for the entire past 12 months?
Survey Items Used	Survey instrument item number for children 0-5 years: E1, E3, E5, E6, F1, F2; for children 6-11 years: E1, E3, E5, E6, F1, F2; for children 12-17 years: E1, E3, E5, E6, F1, F2 Variables in public use data file: CURREINS (derived); INSGAP (derived); K3Q20; K3Q21B; K3Q22; HOWMUCH
Denominator	Children age 0-17 years
Numerator/Response Categories	Yes; No
<b>Notes for Data-Users</b>	
To qualify on this measure the child must meet the following two criteria: 1) have continuous insurance in the past 12 months, and 2) have current insurance which is adequate for the child's health care needs. The child's current insurance was considered adequate when the following criteria were met: (a) the child currently has health insurance coverage, AND (b) benefits usually or always meet child's needs, AND (c) the insurance usually or always allows the child to see needed providers, AND (d) the insurance either has no out-of-pocket expenses or out-of-pocket expenses are usually or always reasonable. The measure is only considered missing if both items are missing. Therefore, children with a valid, positive response to either portion of the measure and missing to the other portion are categorized as having adequate and continuous insurance.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<p>*Current Insurance</p> <pre> COMPUTE CurrIns_1920 = CURREINS. VARIABLE LABELS CurrIns_1920 "Indicator 3.1: Current health insurance status at time of survey". VALUE LABELS CurrIns_1920 1 "Currently insured" 2 "Currently uninsured" 99 "Missing". MISSING VALUES CurrIns_1920(99). FORMATS CurrIns_1920(f4.0). EXECUTE. </pre> <p>*Consistency of insurance coverage</p>	

```

COMPUTE InsGap_1920 = 999.
IF INSGAP = 1 InsGap_1920 = 1.
IF INSGAP = 2 or INSGAP = 3 InsGap_1920 = 2.
IF CURRINS = 2 InsGap_1920 = 2.
IF INSGAP = 99 InsGap_1920 = 99.
VARIABLE LABELS InsGap_1920 "Indicator 3.2: Children who had consistent health insurance
coverage during the past 12 months".
VALUE LABELS InsGap_1920
1 "Consistently insured throughout the past year"
2 "Currently uninsured or had periods without coverage"
99 "Missing".
MISSING VALUES InsGap_1920(99).
FORMATS InsGap_1920(f4.0).
EXECUTE.

```

\*Adequacy of current insurance

```

RECODE K3Q20
(1=1) (2=2) (3 thru 4=3) (99=99) into benefits_1920.
IF CURRINS = 99 benefits_1920=99.
IF CURRINS = 2 benefits_1920=95.
VARIABLE LABELS benefits_1920 "Current insurance benefits meets child's health needs".
VALUE LABELS benefits_1920
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing"
95 "Uninsured".
MISSING VALUES benefits_1920 (95,99).
FORMATS benefits_1920 (f3.0).
EXECUTE.

```

```

RECODE K3Q22
(1=1) (2=2) (3 thru 4=3) (99=99) into allows_1920.
IF CURRINS = 99 allows_1920 = 99.
IF CURRINS = 2 allows_1920=95.
VARIABLE LABELS allows_1920 "Current insurance coverage allows child to see needed providers".
VALUE LABELS allows_1920
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing"
95 "Uninsured".

```

```

MISSING VALUES allows_1920 (95,99).
FORMATS allows_1920 (f3.0).
EXECUTE.

COMPUTE expense_1920 = 999.
IF K3Q21B = 1 expense_1920 = 1.
IF K3Q21B = 2 expense_1920 = 2.
IF (K3Q21B = 3 or K3Q21B = 4) expense_1920 = 3.
IF K3Q21B = 99 expense_1920=99.
IF HOWMUCH = 1 expense_1920 = 0.
IF Currins = 99 expense_1920 = 99.
IF Currins = 2 expense_1920=95.
VARIABLE LABELS expense_1920 "Current insurance out-of-pocket costs are reasonable".
VALUE LABELS expense_1920
0 'No out of pocket expenses'
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing"
95 "Uninsured".
MISSING VALUES expense_1920 (95,99).
FORMATS expense_1920 (f3.0).

```

MISSING VALUES benefits\_1920 allows\_1920 expense\_1920 ().

```

COMPUTE InsAdeq_1920=999.
IF (benefits_1920 = 1 or benefits_1920 = 2 or benefits_1920 = 99) and (allows_1920 = 1 or
allows_1920 = 2 or allows_1920 = 99) and (expense_1920 = 1 or expense_1920 =2 or expense_1920
= 99) InsAdeq_1920 = 1.
IF expense_1920 = 0 InsAdeq_1920 = 1.
IF benefits_1920 = 3 or allows_1920 = 3 or expense_1920 = 3 InsAdeq_1920 = 2.
IF benefits_1920 = 99 and allows_1920 = 99 and expense_1920 = 99 InsAdeq_1920 = 99.
IF Currins = 2 InsAdeq_1920 = 95.
VARIABLE LABELS InsAdeq_1920 "Indicator 3.4: Adequacy of current insurance coverage".
VALUE LABELS InsAdeq_1920
1 "Current insurance is adequate"
2 "Current insurance is not adequate"
99 "Missing to all questions"
95 "Uninsured".
MISSING VALUES InsAdeq_1920(95,99).
FORMATS InsAdeq_1920(f4.0).
EXECUTE.

```

\*Indicator 3.4a: Adequate and continuous insurance

COMPUTE insurance\_1920 = 1.

IF (InsGap\_1920 = 1 or InsGap\_1920 = 99) and (InsAdeq\_1920 = 1 or InsAdeq\_1920 =99)  
insurance\_1920 = 1.

IF CurrIns\_1920 = 2 or InsGap\_1920 = 2 or InsAdeq\_1920 = 2 insurance\_1920 = 2.

IF InsGap\_1920 = 99 and InsAdeq\_1920 = 99 insurance\_1920 = 99.

VARIABLE LABELS insurance\_1920 "Indicator 3.4a: Adequate and continuous insurance".

VALUE LABELS insurance\_1920

1 "Current insurance is adequate and continuously insured in past year"

2 "Current insurance is inadequate and/or had gap in insurance coverage in past year"

99 "Missing to both".

MISSING VALUES insurance\_1920 ().

FORMATS insurance\_1920 (f2.0).

EXECUTE.

<b>Indicator 3.5</b>	<b>Adequacy of insurance coverage for mental health care, age 3-17 years (InsMentH_1920)</b>
<b>Description</b>	Thinking specifically about this child's mental or behavioral health needs, how often does this child's health insurance offer benefits or cover services that meet these needs, age 3-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: E7; for children 6-11 years: E7; for children 12-17 years: E7 Variable in public use data file: MENBEVCOV
<b>Denominator</b>	Children age 3-17 years who are currently insured and used mental or behavioral health care
<b>Numerator/Response Categories</b>	Always; Usually; Sometimes or never
<b>Notes for Data-Users</b>	
This measure was derived from a single item. The NSCH asked this question among all children, including children <3 years old. However, the denominator of this measure is children ages 3-17 years.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE MENBEVCOV (1=1) (2=2) (3 thru 4=3) (5=96) (99=99) into InsMentH_1920. IF CURRINS = 2 InsMentH_1920 = 96. IF CURRINS = 99 InsMentH_1920 = 99. IF SC_AGE_YEARS &lt; 3 InsMentH_1920 = 95. VARIABLE LABELS InsMentH_1920 "Indicator 3.5: Adequacy of insurance coverage for mental/behavioral health care, age 3-17 years who are insured and received mental health care". VALUE LABELS InsMentH_1920 1 "Always" 2 "Usually" 3 "Sometimes or never" 96 "Did not receive mental health services/Uninsured at time of the survey" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES InsMentH_1920(95,96,99). FORMATS InsMentH_1920(f4.0). EXECUTE. </pre>	

Indicator 3.6	Out-of-pocket cost for health care (OutOfPckt_1920)
Description	Including co-pays and amounts from Health Savings Accounts (HSA) and Flexible Spending Accounts (FSA), how much money did you pay for this child's medical, health, dental, and vision care during the past 12 months?
Survey Items Used	Survey instrument item number for children 0-5 years: F1; for children 6-11 years: F1; for children 12-17 years: F1 Variable in public use data file: HOWMUCH
Denominator	Children age 0-17 years
Numerator/Response Categories	No medical or health care expenses or less than \$250; \$250 - \$499; \$500 - \$999; \$1000 - \$5000; More than \$5000
<b>Notes for Data-Users</b>	
This measure was derived from a single item. Parents were asked not to include health insurance premiums or costs that were or will be reimbursed by insurance or another source when they responded to this question.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE HOWMUCH (1 thru 2=1) (3=2) (4=3) (5=4) (6=5) (99=99) into OutOfPckt_1920. VARIABLE LABELS OutOfPckt_1920 "Indicator 3.6: Out-of-pocket costs for child's health care including medical, dental and vision care during the past 12 months". VALUE LABELS OutOfPckt_1920 1 "No medical or health care expenses or less than \$250" 2 "\$250 - \$499" 3 "\$500 - \$999" 4 "\$1000 - \$5000" 5 "More than \$5000" 99 "Missing". MISSING VALUES OutOfPckt_1920(99). FORMATS OutOfPckt_1920(f4.0). EXECUTE. </pre>	

***Health Care Access and Quality***

Indicator 4.1	Medical care visit (MedCare_1920)
<b>Description</b>	During the past 12 months, did this child see a doctor, nurse, or other health care professional for sick-child care, well-child check-ups, physical exams, hospitalizations or any other kind of medical care? (details)
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C1; for children 6-11 years: C1; for children 12-17 years: C1 Variable in public use data file: S4Q01
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
This measure was derived from a single item.	
<b>Revisions and Changes</b>	
There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE MedCare_1920 = S4Q01. VARIABLE LABELS MedCare_1920 "Indicator 4.1: Children who received any type of medical care during the past 12 months". VALUE LABELS MedCare_1920 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES MedCare_1920(99). FORMATS MedCare_1920(f2.0). EXECUTE. </pre>	

Indicator 4.1a	Preventive care visit (PrevMed_1920)
Description	During the past 12 months, how many times did this child visit a doctor, nurse, or other health care professional to receive a preventive check-up? (details)
Survey Items Used	Survey instrument item number for children 0-5 years: C2, C1; for children 6-11 years: C2, C1; for children 12-17 years: C3; C1 Variables in public use data file: S4Q01; K4Q20R
Denominator	Children age 0-17 years
Numerator/Response Categories	One or more preventive visits; No preventive care visits
Notes for Data-Users	This question was asked among children who had a medical care visit in the past 12 months.
Revisions and Changes	This survey question did not change since 2016. However, the filter item (C1) which asked about receipt of any medical care in the past 12 months did change. The change in that item led to some changes in how respondents may have understood the two questions. For more information about the changes, <a href="#">click here</a> .
SPSS Syntax and Annotation	<pre> COMPUTE PrevMed_1920 = 999. IF K4Q20R=2 or K4Q20R = 3 PrevMed_1920 = 1. IF K4Q20R = 1 PrevMed_1920 = 2. IF S4Q01 = 2 PrevMed_1920 = 2. IF K4Q20R=99 PrevMed_1920 = 99. IF S4Q01=99 PrevMed_1920 = 99. VARIABLE LABELS PrevMed_1920 "Indicator 4.1a: Children who had one or more preventive medical care visits during past 12 months". VALUE LABELS PrevMed_1920 1 "One or more" 2 "None" 99 "Missing". MISSING VALUES PrevMed_1920(99). FORMATS PrevMed_1920(f2.0). EXECUTE. </pre>

Indicator 4.1b	Time with doctor during the preventive check-up (VisitTime_1920)
<b>Description</b>	Thinking about the last time you took this child for a preventive check-up, about how long was the doctor or health care provider who examined this child in the room with you?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C3; for children 6-11 years: C3; for children 12-17 years: C4 Variable in public use data file: DOCROOM
<b>Denominator</b>	Children age 0-17 years who had a preventive medical visit in the past 12 months
<b>Numerator/Response Categories</b>	Less than 10 minutes; 10-20 minutes; More than 20 minutes
<b>Notes for Data-Users</b>	
This survey question was asked among children who had a medical care visit in the past 12 months. The question refers to the caregiver's experience during the last preventive check-up. The denominator of this measure is children who had a preventive check-up during the past 12 months.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> MISSING VALUES PrevMed_1920().  COMPUTE VisitTime_1920 = DOCROOM. IF PrevMed_1920 = 2 VisitTime_1920 = 95. IF PrevMed_1920 = 99 VisitTime_1920 = 99. VARIABLE LABELS VisitTime_1920 "Indicator 4.1b: Time with doctor during last preventive check-up". VALUE LABELS VisitTime_1920 1 "Less than 10 minutes" 2 "10-20 minutes" 3 "More than 20 minutes" 95 "No preventive care visits during last 12 months" 99 "Missing". MISSING VALUES VisitTime_1920(95,99). EXECUTE. </pre>	

<b>Indicator 4.1c</b>	<b>Doctor spoke with child privately, age 12-17 years (PrivateTalk_1920)</b>
<b>Description</b>	At his or her last medical care visit, did this child have a chance to speak with a doctor or other health care provider privately, without you or another caregiver in the room?
<b>Survey Items Used</b>	Survey instrument item number for children 12-17 years: C2 Variable in public use data file: DOCPRIVATE
<b>Denominator</b>	Children age 12-17 years who had a medical visit in the past 12 months
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
This survey question was only asked among children 12-17 years who had a medical care visit during the past 12 months.	
<b>Revisions and Changes</b>	
There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE PrivateTalk_1920 = DOCPRIVATE. IF S4Q01 = 2 PrivateTalk_1920 = 95. IF S4Q01=99 PrivateTalk_1920=99. IF SC_AGE_YEARS &lt; 12 PrivateTalk_1920 = 90. VARIABLE LABELS PrivateTalk_1920 "Indicator 4.1c: Children whose doctors spoke with them privately without an adult in the room during last medical care visit, age 12-17 years". VALUE LABELS PrivateTalk_1920 1 "Yes" 2 "No" 99 "Missing" 95 "Children who did not have medical care visit in the past 12 months" 90 "Children age 0-11 years". MISSING VALUES PrivateTalk_1920(90,95,99). FORMATS PrivateTalk_1920(f2.0). EXECUTE. </pre>	

<b>Indicator 4.2</b>	<b>Dentist visit, age 1-17 years (DentCare_1920)</b>
<b>Description</b>	During the past 12 months, did this child see a dentist or other oral health care provider for any kind of dental or oral health care, age 1-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children age 0-5 years: C14; for children age 6-11 years: C14; for children 12-17 years: C15 Variable in public use data file: K4Q30_R
<b>Denominator</b>	Children age 1-17 years
<b>Numerator/Response Categories</b>	Saw a dentist; Saw other oral health care provider; No dental or oral health care visits
<b>Notes for Data-Users</b>	
Children younger than one year of age were not included in this measure.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE DentCare_1920 = K4Q30_R. IF SC_AGE_YEARS &lt; 1 DentCare_1920 = 95. VARIABLE LABELS DentCare_1920 "Indicator 4.2: Children who received any type of dental care during the past 12 months, age 1-17 years". VALUE LABELS DentCare_1920 1 "Saw a dentist" 2 "Saw other oral health care provider" 3 "No dental or oral health care visits" 99 "Missing" 95 "Children less than 1 year old". MISSING VALUES DentCare_1920(95,99). FORMATS DentCare_1920(f2.0). EXECUTE. </pre>	

Indicator 4.2a	Preventive dental care, 1-17 years (PrevDent_1920)
<b>Description</b>	During the past 12 months, did this child see a dentist or other oral health care provider for preventive dental care, such as check-ups, dental cleanings, dental sealants, or fluoride treatments, age 1-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C14, C15; for children 6-11 years: C14, C15; for children 12-17 years: C15, C16 Variables in public use data file: DENTISTVISIT
<b>Denominator</b>	Children age 1-17 years
<b>Numerator/Response Categories</b>	One or more preventive visits; No preventive visits
<b>Notes for Data-Users</b>	
Children younger than one year of age are not included in this measure.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE PrevDent_1920 = 999. IF DENTISTVISIT = 2 or DENTISTVISIT = 3 PrevDent_1920 = 1. IF DENTISTVISIT = 1 PrevDent_1920 = 2. IF DENTISTVISIT = 99 PrevDent_1920 = 99. IF K4Q30_R = 3 PrevDent_1920 = 2. IF K4Q30_R = 99 PrevDent_1920 = 99. IF SC_AGE_YEARS &lt; 1 PrevDent_1920 = 95. VARIABLE LABELS PrevDent_1920 "Indicator 4.2a: Children who had one or more preventive dental care visits during the past 12 months, age 1-17 years". VALUE LABELS PrevDent_1920 1 "One or more" 2 "None" 99 "Missing" 95 "Children less than 1 year old". MISSING VALUES PrevDent_1920(95,99). FORMATS PrevDent_1920(f2.0). EXECUTE.  **Type of preventive dental services received  COMPUTE DentCheck_1920=999. IF DENTALSERV1 = 1 DentCheck_1920 =1. IF DENTALSERV1 = 2 DentCheck_1920 =2. IF DENTISTVISIT = 1 or K4Q30_R = 3 DentCheck_1920 = 3. </pre>	

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IF DENTISTVISIT = 99 and DENTALSERV1 = 2 DentCheck_1920 = 99.
IF K4Q30_R = 99 DentCheck_1920 = 99.
IF DENTALSERV7=1 and (DENTALSERV1=2 and DENTALSERV2=2 and DENTALSERV3=2 and
DENTALSERV4=2 and DENTALSERV5=2 and DENTALSERV6=2) DentCheck_1920 = 99.
IF SC_AGE_YEARS < 1 DentCheck_1920 = 95.
VARIABLE LABELS DentCheck_1920 "Children who had dental check up visits during the past 12
months, age 1-17 years".
VALUE LABELS DentCheck_1920
1 "Received dental check-up"
2 "Received preventive dental care, but not dental check-up"
3 "Did not receive preventive dental care"
99 "Missing/Don't know"
95 "Children age 0-1 year".
MISSING VALUES DentCheck_1920(99,95).

COMPUTE DentCleaning_1920 = 999.
IF DENTALSERV2 = 1 DentCleaning_1920 =1.
IF DENTALSERV2 = 2 DentCleaning_1920 = 2.
IF DENTISTVISIT = 1 or K4Q30_R = 3 DentCleaning_1920 = 3.
IF DENTISTVISIT = 99 and DENTALSERV2 = 2 DentCleaning_1920 = 99.
IF K4Q30_R = 99 DentCleaning_1920 = 99.
IF DENTALSERV7=1 and (DENTALSERV1=2 and DENTALSERV2=2 and DENTALSERV3=2 and
DENTALSERV4=2 and DENTALSERV5=2 and DENTALSERV6=2) DentCleaning_1920 = 99.
IF SC_AGE_YEARS < 1 DentCleaning_1920 = 95.
VARIABLE LABELS DentCleaning_1920 "Children who had dental cleaning during the past 12 months,
age 1-17 years".
VALUE LABELS DentCleaning_1920
1 "Had dental cleaning"
2 "Received preventive dental care, but not dental cleaning"
3 "Did not receive preventive dental care"
99 "Missing/Don't know"
95 "Children age 0-1 year".
MISSING VALUES DentCleaning_1920(99,95).

COMPUTE DentInstruct_1920 =999.
IF DENTALSERV3 = 1 DentInstruct_1920 =1.
IF DENTALSERV3 = 2 DentInstruct_1920 = 2.
IF DENTISTVISIT = 1 or K4Q30_R = 3 DentInstruct_1920 = 3.
IF DENTISTVISIT = 99 and DENTALSERV3 = 2 DentInstruct_1920 = 99.
IF K4Q30_R = 99 DentInstruct_1920 = 99.
IF DENTALSERV7=1 and (DENTALSERV1=2 and DENTALSERV2=2 and DENTALSERV3=2 and
DENTALSERV4=2 and DENTALSERV5=2 and DENTALSERV6=2) DentInstruct_1920 = 99.
IF SC_AGE_YEARS < 1 DentInstruct_1920 = 95.
VARIABLE LABELS DentInstruct_1920 "Children who had dental instruction during the past 12
months, age 1-17 years".
VALUE LABELS DentInstruct_1920
1 "Received instruction on oral health care"
2 "Received preventive dental care, but not instruction on oral health care"

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3 "Did not receive preventive dental care"  
 99 "Missing/Don't know"  
 95 "Children age 0-1 year".  
 MISSING VALUES DentInstruct\_1920(99,95).

COMPUTE DentXray\_1920 = 999.  
 IF DENTALSERV4 = 1 DentXray\_1920 =1.  
 IF DENTALSERV4 = 2 DentXray\_1920 = 2.  
 IF DENTISTVISIT = 1 or K4Q30\_R = 3 DentXray\_1920 = 3.  
 IF DENTISTVISIT = 99 and DENTALSERV4 = 2 DentXray\_1920 = 99.  
 IF K4Q30\_R = 99 DentXray\_1920 = 99.  
 IF DENTALSERV7=1 and (DENTALSERV1=2 and DENTALSERV2=2 and DENTALSERV3=2 and  
 DENTALSERV4=2 and DENTALSERV5=2 and DENTALSERV6=2) DentXray\_1920 = 99.  
 IF SC\_AGE\_YEARS < 1 DentXray\_1920 = 95.  
 VARIABLE LABELS DentXray\_1920 "Children who had dental X-ray during the past 12 months, age 1-  
 17 years".  
 VALUE LABELS DentXray\_1920  
 1 "Had dental X-ray"  
 2 "Received preventive dental care, but not X-ray"  
 3 "Did not receive preventive dental care"  
 99 "Missing/Don't know"  
 95 "Children age 0-1 year".  
 MISSING VALUES DentXray\_1920(99,95).

COMPUTE fluoride\_1920 =999.  
 IF DENTALSERV5 = 1 fluoride\_1920 =1.  
 IF DENTALSERV5 = 2 fluoride\_1920 = 2.  
 IF DENTISTVISIT = 1 or K4Q30\_R = 3 fluoride\_1920 = 3.  
 IF DENTISTVISIT = 99 and DENTALSERV5 = 2 fluoride\_1920 = 99.  
 IF K4Q30\_R = 99 fluoride\_1920 = 99.  
 IF DENTALSERV7=1 and (DENTALSERV1=2 and DENTALSERV2=2 and DENTALSERV3=2 and  
 DENTALSERV4=2 and DENTALSERV5=2 and DENTALSERV6=2) fluoride\_1920 = 99.  
 IF SC\_AGE\_YEARS < 1 fluoride\_1920 = 95.  
 VARIABLE LABELS fluoride\_1920 "Children who had fluoride treatment during the past 12 months,  
 age 1-17 years".  
 VALUE LABELS fluoride\_1920  
 1 "Received fluoride treatment"  
 2 "Received preventive dental care, but not fluoride treatment"  
 3 "Did not receive preventive dental care"  
 99 "Missing/Don't know"  
 95 "Children age 0-1 year".  
 MISSING VALUES fluoride\_1920(99,95).

COMPUTE sealant\_1920 = 999.  
 IF DENTALSERV6 = 1 sealant\_1920 =1.  
 IF DENTALSERV6 = 2 sealant\_1920 = 2.  
 IF DENTISTVISIT = 1 or K4Q30\_R = 3 sealant\_1920 = 3.  
 IF DENTISTVISIT = 99 and DENTALSERV6 = 2 sealant\_1920 = 99.

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IF K4Q30_R = 99 sealant_1920 = 99.  
IF DENTALSERV7=1 and (DENTALSERV1=2 and DENTALSERV2=2 and DENTALSERV3=2 and  
DENTALSERV4=2 and DENTALSERV5=2 and DENTALSERV6=2) sealant_1920 = 99.  
IF SC_AGE_YEARS < 1 sealant_1920 = 95.  
VARIABLE LABELS sealant_1920 "Children who had sealant during the past 12 months, age 1-17  
years".  
VALUE LABELS sealant_1920  
1 "Had dental sealant"  
2 "Received preventive dental care, but not dental sealant"  
3 "Did not receive preventive dental care"  
99 "Missing/Don't know"  
95 "Children age 0-1 year".  
MISSING VALUES sealant_1920(99,95).  
EXECUTE.
```

Indicator 4.3	Received both preventive medical and dental care (MedDentCare_1920)
Description	During the past 12 months, did this child receive both preventive medical and dental care?
Survey Items Used	Survey instrument item number for children 0-5 years: C2,C1,C14,C15; for children 6-11 years: C1,C2,C14,C15; for children 12-17 years: C1,C3,C15,C16 Variables in public use data file: DENTISTVISIT; K4Q20R; S4Q01
Denominator	Children age 0-17 years
Numerator/Response Categories	Received both types preventive care; Did not receive both types of preventive care
<b>Notes for Data-Users</b>	
This measure is a composite measure, combining the parents' response to their child's receipt of preventive medical care and preventive dental care in the past 12 months. Children age 1-17 must meet criteria for both medical and dental preventive care. Children under 1, who were not asked the questions about dental care, qualify based only on preventive medical care.	
<b>Revisions and Changes</b>	
There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<pre> MISSING VALUES PrevMed_1920 PrevDent_1920().  COMPUTE MedDentCare_1920 = 999. IF PrevMed_1920 = 1 and (PrevDent_1920=1 or PrevDent_1920=95) MedDentCare_1920 = 1. IF PrevMed_1920 = 2 or PrevDent_1920 = 2 MedDentCare_1920 = 2. IF PrevMed_1920 = 99 or PrevDent_1920 = 99 MedDentCare_1920 = 99. VARIABLE LABELS MedDentCare_1920 "Indicator 4.3: Children received both preventive medical and dental care visits in past 12 months ". VALUE LABELS MedDentCare_1920 1 "Received preventive medical and dental care" 2 "Did not receive preventive medical and dental care" 99 "Missing to any". MISSING VALUES MedDentCare_1920(99). FORMATS MedDentCare_1920(f2.0). EXECUTE. </pre>	

Indicator 4.4	Received mental health care, age 3-17 years (MentHCare_1920)
Description	During the past 12 months, has this child received any treatment or counseling from a mental health professional, age 3-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: C17; for children 6-11 years: C17; for children 12-17 years: C18 Variable in public use data file: K4Q22_R
Denominator	Children age 3-17 years
Numerator/Response Categories	Yes; No, but needed to see a mental health professional; No, did not need to see a mental health professional
<b>Notes for Data-Users</b>	
This measure is derived from a single item which asks about whether the child received any treatment or counseling from a medical health professional. The denominator of this measure is children 3-17 years even though the survey question was asked for all children 0-17 years.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE MentHCare_1920 = K4Q22_R. IF SC_AGE_YEARS &lt; 3 MentHCare_1920 = 95. VARIABLE LABELS MentHCare_1920 "Indicator 4.4: Children who received needed treatment or counseling from a mental health professional during the past 12 months, age 3-17 years". VALUE LABELS MentHCare_1920 1 "Yes, received mental health care" 2 "No, but needed to see a mental health professional" 3 "No, and did not need to see a mental health professional" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES MentHCare_1920(95,99). FORMATS MentHCare_1920(f2.0). EXECUTE. </pre>	

<b>Indicator 4.4a</b>	<b>Difficulties obtaining mental health care, age 3-17 years (MentHDiff_1920)</b>
<b>Description</b>	How difficult was it to get the mental health treatment or counseling that this child needed?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C17, C18; for children 6-11 years: C17, C18; for children 12-17 years: C18, C19 Variable in public use data file: K4Q22_R; TREATNEED
<b>Denominator</b>	Children age 3-17 years who received or needed any mental health treatment or counseling
<b>Numerator/Response Categories</b>	Did not have difficulty; Somewhat difficult; Very difficult; It was not possible to obtain care
<b>Notes for Data-Users</b>	
The denominator of this measure is based on the response to the question which asks whether the child received a mental health care or not. Children whose response was "Did not receive care from a mental health professional, the child did not need to see a mental health professional" are not included in the denominator. The denominator of this measure is children 3-17 years even though the survey question was asked for all children 0-17 years.	
<b>Revisions and Changes</b>	
There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE MentHDiff_1920 = TREATNEED. IF K4Q22_R = 3 MentHDiff_1920 = 95. IF K4Q22_R = 99 MentHDiff_1920 = 99. IF SC_AGE_YEARS &lt; 3 MentHDiff_1920 = 96. VARIABLE LABELS MentHDiff_1920 "Indicator 4.4a: Difficulties obtaining mental health care among those who received or needed care during the past 12 months, age 3-17 years". VALUE LABELS MentHDiff_1920 1 "Received or needed mental health care and did not have difficulty getting it" 2 "Received or needed mental health care but it was somewhat difficult to get it" 3 "Received or needed mental health care but it was very difficult to get it" 4 "It was not possible to obtain care" 99 "Missing" 95 "Did not need to see a mental health professional" 96 "Children age 0-2 years". MISSING VALUES MentHDiff_1920(95,96,99). FORMATS MentHDiff_1920(f2.0). EXECUTE. </pre>	

<b>Indicator 4.5</b>	<b>Received care from a specialist doctor (SpecCare_1920)</b>
<b>Description</b>	During the past 12 months, did this child see a specialist other than a mental health professional?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C20; for children 6-11 years: C20; for children 12-17 years: C21 Variable in public use data file: K4Q24_R
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Yes; No, but needed to see a specialist; No, did not need to see a specialist
<b>Notes for Data-Users</b>	
This measure is derived from a single item which asks whether the child saw a specialist other than a mental health professional. Specialists were defined as "doctors like surgeons, heart doctors, allergy doctors, skin doctors, and others who specialize in one area of health care."	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE SpecCare_1920 = K4Q24_R. VARIABLE LABELS SpecCare_1920 "Indicator 4.5: Received care from a specialist doctor other than a mental health professional during the past 12 months". VALUE LABELS SpecCare_1920 1 "Received care from a specialist" 2 "No, but needed to see a specialist" 3 "No, did not need to see a specialist" 99 "Missing". MISSING VALUES SpecCare_1920(99). FORMATS SpecCare_1920(f2.0). EXECUTE. </pre>	

Indicator 4.5a	Difficulties obtaining specialist care (SpCareDiff_1920)
Description	How difficult was it to get the specialist care that this child needed?
Survey Items Used	Survey instrument item number for children 0-5 years: C20,C21; for children 6-11 years: C20,C21; for children 12-17 years: C21,C22  Variable in public use data file: K4Q24_R; K4Q26
Denominator	Children age 0-17 years
Numerator/Response Categories	Did not have difficulty; Somewhat difficult; Very difficult; It was not possible to obtain care
<b>Notes for Data-Users</b>	
The denominator of this measure is based on the response to the question which asks whether the child received a specialist care. Children whose response was "Did not receive specialist care, the child did not need to see a specialist" are not included in the denominator.	
<b>Revisions and Changes</b>	
There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE SpCareDiff_1920 = K4Q26. IF K4Q24_R = 3 SpCareDiff_1920 = 95. IF K4Q24_R = 99 SpCareDiff_1920 = 99. VARIABLE LABELS SpCareDiff_1920 "Indicator 4.5a: Difficulties obtaining specialist care among those who received or needed a specialist care during the past 12 months". VALUE LABELS SpCareDiff_1920 1 "Received or needed specialist care and did have difficulty getting it" 2 "Received or needed specialist care but it was somewhat difficult to get it" 3 "Received or needed specialist care but it was very difficult to get it" 4 "It was not possible to get needed specialist care" 99 "Missing" 95 "Did not need care from a specialist". MISSING VALUES SpCareDiff_1920(95,99). FORMATS SpCareDiff_1920(f2.0). EXECUTE. </pre>	

Indicator 4.6	Vision test (VisnTest_1920)
Description	During the past 12 months, has this child had his or her vision tested, such as with pictures, shapes, or letters?
Survey Items Used	Survey instrument item number for children 0-5 years: C12; for children 6-11 years: C12; for children 12-17 years: C13 Variable in public use data file: K4Q31_R
Denominator	Children age 0-17 years
Numerator/Response Categories	Yes; No
Notes for Data-Users	This measure was derived from a single item.
Revisions and Changes	There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a> .
SPSS Syntax and Annotation	<pre> COMPUTE VisnTest_1920 = K4Q31_R. VARIABLE LABELS VisnTest_1920 "Indicator 4.6: Children who received vision screening during the past 12 months". VALUE LABELS VisnTest_1920 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES VisnTest_1920(99). FORMATS VisnTest_1920(f4.0). EXECUTE.  **Places vision was tested  COMPUTE EyeDoctor_1920 = K4Q32X01. IF K4Q31_R = 2 EyeDoctor_1920 = 3. IF K4Q31_R = 99 EyeDoctor_1920 = 99. VARIABLE LABELS EyeDoctor_1920 "Vision was tested at eye doctor or eye specialist office". VALUE LABELS EyeDoctor_1920 1 "Received vision screening at eye specialist" 2 "Received vision screening, but not at eye specialist" 3 "Did not receive vision screening" 99 "Missing". MISSING VALUES EyeDoctor_1920(95,99). </pre>

```
FORMATS EyeDoctor_1920(f4.0).
EXECUTE.

COMPUTE EyePedOffice_1920 = K4Q32X02.
IF K4Q31_R = 2 EyePedOffice_1920 = 3.
IF K4Q31_R = 99 EyePedOffice_1920 = 99.
VARIABLE LABELS EyePedOffice_1920 "Vision was tested at pediatrician or other general doctor's
office".
VALUE LABELS EyePedOffice_1920
1 "Received vision screening at pediatrician or general doctor"
2 "Received vision screening, but not at pediatrician or general doctor"
3 "Did not receive vision screening"
99 "Missing".
MISSING VALUES EyePedOffice_1920(95,99).
FORMATS EyePedOffice_1920(f4.0).
EXECUTE.

COMPUTE EyeClinic_1920 = K4Q32X03.
IF K4Q31_R = 2 EyeClinic_1920 = 3.
IF K4Q31_R = 99 EyeClinic_1920 = 99.
VARIABLE LABELS EyeClinic_1920 "Vision was tested at clinic or health center".
VALUE LABELS EyeClinic_1920
1 "Received vision screening at clinic"
2 "Received vision screening, but not at clinic"
3 "Did not receive vision screening"
99 "Missing".
MISSING VALUES EyeClinic_1920(95,99).
FORMATS EyeClinic_1920(f4.0).
EXECUTE.

COMPUTE EyeSchool_1920 = K4Q32X04.
IF K4Q31_R = 2 EyeSchool_1920 = 3.
IF K4Q31_R = 99 EyeSchool_1920 = 99.
VARIABLE LABELS EyeSchool_1920 "Vision was tested at school".
VALUE LABELS EyeSchool_1920
1 "Received vision screening at school"
2 "Received vision screening, but not at school"
3 "Did not receive vision screening"
99 "Missing".
MISSING VALUES EyeSchool_1920(95,99).
FORMATS EyeSchool_1920(f4.0).
EXECUTE.
```

<b>Indicator 4.7</b>	<b>Hospital emergency room visit (ERVisit_1920)</b>
<b>Description</b>	During the past 12 months, how many times did this child visit a hospital emergency room?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C27; for children 6-11 years: C27; for children 12-17 years: C28 Variable in public use data file: HOSPITALER
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	None; 1 time; 2 or more times
<b>Notes for Data-Users</b>	
This measure was derived from a single item.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE ERVisit_1920 = HOSPITALER. VARIABLE LABELS ERVisit_1920 "Indicator 4.7: Number of hospital emergency room visits for any health reason in the past 12 months". VALUE LABELS ERVisit_1920 1 "Never" 2 "1 time" 3 "2 or more times" 99 "Missing". MISSING VALUES ERVisit_1920(99). FORMATS ERVisit_1920(f2.0). EXECUTE. </pre>	

Indicator 4.7a	Hospital admission (HospitalStay_1920)
Description	During the past 12 months, was this child admitted to the hospital to stay for at least one night?
Survey Items Used	Survey instrument item number for children 0-5 years: C28; for children 6-11 years: C28; for children 12-17 years: C29 Variable in public use data file: HOSPITALSTAY
Denominator	Children age 0-17 years
Numerator/Response Categories	Yes; No
Notes for Data-Users	This measure was derived from a single item.
Revisions and Changes	This item was added in 2018. There have been no substantive changes to this item since 2018.
SPSS Syntax and Annotation	<pre> COMPUTE HospitalStay_1920 = HOSPITALSTAY. VARIABLE LABELS HospitalStay_1920 "Indicator 4.7a: Children who were admitted to the hospital to stay at least one night". VALUE LABELS HospitalStay_1920 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES HospitalStay_1920 (99). EXECUTE. </pre>

Indicator 4.8	Alternative health care or treatment (AlterHC_1920)
<b>Description</b>	Indicator 4.8: During the past 12 months, did this child use any type of alternative health care or treatment?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C22; for children 6-11 years: C22; for children 12-17 years: C23 Variable in public use data file: ALTHEALTH
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
This measure was derived from a single item.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE AlterHC_1920 = ALTHEALTH. VARIABLE LABELS AlterHC_1920 "Indicator 4.8: Use of alternative health care or treatment during the past 12 months". VALUE LABELS AlterHC_1920 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES AlterHC_1920(99). FORMATS AlterHC_1920(f2.0). EXECUTE. </pre>	

Indicator 4.9	Doctor asked about parental concerns, age 0-5 years (DrAskConc_1920)
<b>Description</b>	During the past 12 months, did this child's doctors or other health care providers ask if you have concerns about this child's learning, development, or behavior, age 0-5 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C6, G2 Variable in public use data file: K6Q10
<b>Denominator</b>	Children age 0-5 years who used a health service in the past 12 months
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
This indicator measures the prevalence of developmental surveillance among young children. This survey item asks parents whether they were asked by a health professional about their concerns regarding their child's learning, development, or behavior. This question was asked among all children age 0-5 years, and the denominator of this measure is children age 0-5 years who received any of four services: medical care, dental care, mental health care or a specialist care in the past 12 months.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE Ct1NumbSer_1920 = 0. IF S4Q01 = 1 Ct1NumbSer_1920 = Ct1NumbSer_1920 + 1. IF (K4Q30_R=1 or K4Q30_R=2) Ct1NumbSer_1920 = Ct1NumbSer_1920 + 1. IF K4Q22_R = 1 Ct1NumbSer_1920 = Ct1NumbSer_1920 + 1. IF K4Q24_R = 1 Ct1NumbSer_1920 = Ct1NumbSer_1920 + 1. IF S4Q01 = 99 and K4Q30_R = 99 and K4Q22_R = 99 and K4Q24_R = 99 Ct1NumbSer_1920 = 99. VARIABLE LABELS Ct1NumbSer_1920 "Count of number of services used, not including did not see but needed to see MH or specialist". VALUE LABELS Ct1NumbSer_1920 0 "Used none of the 4 service types" 1 "Used 1 of the 4 service types" 2 "Used 2 of the 4 service types" 3 "Used 3 of the 4 service types" 4 "Used all 4 services" 99 "Missing to all".  COMPUTE Num1Service_1920 = 2. IF Ct1NumbSer_1920 &gt; 0 Num1Service_1920 = 1. IF S4Q01 = 99 and K4Q30_R = 99 and K4Q22_R = 99 and K4Q24_R = 99 Num1Service_1920 = 99. </pre>	

VARIABLE LABELS Num1Service\_1920 "Used 1 or more of the 4 services in the past 12 months, not including did not see but needed to see MH or specialist".

VALUE LABELS Num1Service\_1920

1 "Used 1 or more services"

2 "Used none of the 4 services"

99 "Missing to all".

COMPUTE DrAskConc\_1920 = K6Q10.

IF Ct1NumbSer\_1920 < 1 or Ct1NumbSer\_1920 = 99 DrAskConc\_1920=95.

IF SC\_AGE\_YEARS > 5 DrAskConc\_1920 = 90.

VARIABLE LABELS DrAskConc\_1920 "Indicator 4.9: Doctor asked about parental concerns about the child's learning, development, or behavior, age 0-5 years".

VALUE LABELS DrAskConc\_1920

1 "Yes"

2 "No"

99 "Missing"

95 "Did not use any of 4 services"

90 "Children age 6-17 years".

MISSING VALUES DrAskConc\_1920(90,95,99).

EXECUTE.

Indicator 4.10	Developmental screening, age 10 months-5 years (DevScrnng_1920)
Description	Did the child receive a developmental screening using a parent-completed screening tool in the past 12 months, age 9-35 months?
Survey Items Used	Survey instrument item number for children 0-5 years: C7 Variable in public use data file: K6Q12; K6Q13A; K6Q13B; K6Q14A; K6Q14B
Denominator	Children age 9-35 months who had a visit in the past 12 months
Numerator/Response Categories	Yes; No
Notes for Data-Users	<p>The American Academy of Pediatrics recommends that all children should be screened for developmental delays during their regular well-check visits at 9, 18, and 24 or 30 months. This measure uses age-appropriate questions to verify whether young children received standardized developmental, behavioral and social screening using a parent-reported, standardized screening tool or instrument. Parent respondents for all children between 9 months and 5 years old were asked the following question: "During the past 12 months, did a doctor or other health care provider have you or another caregiver fill out a questionnaire about specific concerns or observations you may have about this child's development, communication, or social behaviors?" (K6Q12). If the response to K6Q12 was "Yes", parents were asked if the questionnaire covered language or social development (K6Q13 and K6Q13A, respectively, for ages 9-23 months, and K6Q14A and K6Q14B for ages 2-5 years). The measure is considered missing if both types of contents are missing.</p>
Revisions and Changes	There have been no substantive changes to this item or measure since 2016.
SPSS Syntax and Annotation	<pre> COMPUTE both_9to23 = 999. IF K6Q13A = 2 or K6Q13B = 2 both_9to23 = 2. IF (K6Q13A = 1 or K6Q13A = 99) and (K6Q13B = 1 or K6Q13B = 99) both_9to23 = 1. IF K6Q13A =99 and K6Q13B = 99 both_9to23= 99. IF K6Q12 = 2 both_9to23 = 2. IF SC_AGE_LT9 = 1 both_9to23= 95. IF SC_AGE_YEARS &gt; 1 and SC_AGE_YEARS &lt; 6 both_9to23 = 95. IF SC_AGE_YEARS &gt; 5 both_9to23= 90. VARIABLE LABELS both_9to23 "Yes/screening occurred group -- ages 9-23 months". VALUE LABELS both_9to23 1 "Yes to both types or Yes to one and Missing to another type of content" 2 "No to at least one type of content" 99 "Missing to both types of content" 95 "Children age 0-8 months or 2-5 years" 90 "Children age 6-17 years". </pre>

EXECUTE.

```

COMPUTE both_24to35 = 999.
IF K6Q14A=2 or K6Q14B=2 both_24to35 = 2.
IF (K6Q14A = 1 or K6Q14A = 99) and (K6Q14B = 1 or K6Q14B = 99) both_24to35 = 1.
IF K6Q14A = 99 and K6Q14B = 99 both_24to35 = 99.
IF K6Q12 = 2 both_24to35 = 2.
IF SC_AGE_YEARS > 5 both_24to35 = 90.
IF SC_AGE_YEARS < 2 or (SC_AGE_YEARS>2 and SC_AGE_YEARS<6) both_24to35 = 95.
VARIABLE LABELS both_24to35 "Yes/screening occurred group -- ages 24-35 months".
VALUE LABELS both_24to35
1 "Yes to both types or Yes to one and Missing to another type of content"
2 "No to at least one type of content"
99 "Missing to both types of content"
95 "Children age 0-1 or 3-5 years"
90 "Children age 6-17 years".

```

EXECUTE.

```

COMPUTE DevScrnng_1920 = 999.
IF both_9to23 = 1 or both_24to35 = 1 DevScrnng_1920 = 1.
IF K6Q12 = 2 DevScrnng_1920 = 2.
IF both_9to23 = 2 or both_24to35 = 2 DevScrnng_1920 = 2.
IF both_9to23 = 99 or both_24to35 = 99 DevScrnng_1920 = 99.
IF K6Q12 = 99 DevScrnng_1920 = 99.
IF SC_AGE_LT9 = 1 or (SC_AGE_YEARS>2 and SC_AGE_YEARS<6) DevScrnng_1920 = 95.
IF SC_AGE_YEARS > 5 DevScrnng_1920 = 90.
VARIABLE LABELS DevScrnng_1920 "Indicator 4.10: Children who received a developmental screening using a parent-completed screening tool, age 9-35 months".
VALUE LABELS DevScrnng_1920
1 "Parent completed developmental screening"
2 "Parent did not complete developmental screening"
99 "Missing"
90 "Children age 6-17 years"
95 "Children age 0-8 months or 3-5 years".
MISSING VALUES DevScrnng_1920(90,95,99).

```

EXECUTE.

Indicator 4.11	Special services for developmental needs (SpecServ_1920)
Description	Is this child currently receiving special services to meet his or her developmental needs such as speech, occupational, or behavioral therapy?
Survey Items Used	Survey instrument item number for children 0-5 years: C32, C34; for children 6-11 years: C32, C34; for children 12-17 years: C33, C35 Variable in public use data file: K4Q36; K4Q38
Denominator	Children age 0-17 years
Numerator/Response Categories	Yes; No
Notes for Data-Users	N/A
Revisions and Changes	There have been no substantive changes to this item or measure since 2016.
SPSS Syntax and Annotation	<pre> COMPUTE SpecServ_1920 = K4Q38. IF K4Q36 = 2 SpecServ_1920 = 2. IF K4Q36 = 99 SpecServ_1920 = 99. VARIABLE LABELS SpecServ_1920 "Indicator 4.11: Children currently receive special services to meet child's developmental needs such as speech, occupational or behavioral therapy". VALUE LABELS SpecServ_1920 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES SpecServ_1920(99). FORMATS SpecServ_1920(f2.0). EXECUTE. </pre>

<b>Indicator 4.11a</b>	<b>Age started receiving special services for developmental needs (SpSerAge_1920)</b>
<b>Description</b>	How old was this child when they began receiving special services?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C33; for children 6-11 years: C33; for children 12-17 years: C34 Variable in public use data file: K4Q37
<b>Denominator</b>	Children age 0-17 years who ever received special services
<b>Numerator/Response Categories</b>	At age less than 3 years old; At age 3-5 years old; At age 6-17 years old
<b>Notes for Data-Users</b>	
This question was only asked among children who ever received special services to meet their developmental needs.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE K4Q37 (0 thru 2=1) (3 thru 5=2) (6 thru 17=3) (99=99) into SpSerAge_1920. IF K4Q37 = 99 SpSerAge_1920 = 99. IF K4Q36 = 2 SpSerAge_1920 = 0. IF K4Q36 = 99 SpSerAge_1920 = 99. VARIABLE LABELS SpSerAge_1920 "Indicator 4.11a: Age start receiving special services to meet child's developmental needs such as speech, occupational or behavioral therapy". VALUE LABELS SpSerAge_1920 0 "Never received the services" 1 "At age less than 3 years old" 2 "At age 3-5 years old" 3 "At age 6-17 years old" 99 "Missing". MISSING VALUES SpSerAge_1920(0,99). FORMATS SpSerAge_1920(f2.0). EXECUTE. </pre>	

Indicator 4.12	Medical home (MedHome_1920)
Description	Did this child receive coordinated, ongoing, comprehensive care within a medical home?
Survey Items Used	Survey instrument item number for children 0-5 years: C8,C9, D1-D12; for children 6-11 years: C8,C9,D1-D12; for children 12-17 years: C9,C10, D1-D12  Variables in public use data file: K4Q01; K4Q02_R; K4Q04_R; K5Q10; K5Q11; K5Q20_R; K5Q21; K5Q22; K5Q30; K5Q31_R; K5Q32; K5Q40; K5Q41; K5Q42; K5Q43; K5Q44
Denominator	Children age 0-17 years
Numerator/Response Categories	Yes; No
<b>Notes for Data-Users</b>	
<p>The American Academy of Pediatrics specifies seven qualities essential to medical home care: accessible, family-centered, continuous, comprehensive, coordinated, compassionate and culturally effective care. Ideally, medical home care is delivered within the context of a trusting and collaborative relationship between the child's family and a competent health professional who is familiar with the child and family and the child's health history. In the NSCH, the presence of a medical home was measured by a composite measure based on five components constructed from a total of 14 survey items. These components are:</p> <ul style="list-style-type: none"> <li>1) Personal doctor or nurse</li> <li>2) Usual source for sick care</li> <li>3) Family-centered care</li> <li>4) Problems getting needed referrals</li> <li>5) Effective Care Coordination when needed.</li> </ul> <p>To qualify as having a Medical Home, children must meet the criteria for adequate care on the first three components: personal doctor or nurse, usual source for care, and family-centered care. Additionally, any children who needed referrals or care coordination must also meet criteria for those components in order to qualify as having a medical home. Children with a valid, positive response to at least one component and the remainder of the components were missing or legitimately skipped are categorized as having a medical home. The medical home manual developed by the CAHMI is available on the <a href="#">DRC website</a>.</p>	
<b>Revisions and Changes</b>	
<p>Though there were changes to a few items which are used to score this measure since 2016, the overall concept of medical home and how it is measured in the survey did not change. For more information about the changes, <a href="#">click here</a>.</p>	
<b>SPSS Syntax and Annotation</b>	
**Indicator 4.12a: Medical Home Component: Personal doctor or nurse	

```

COMPUTE PerDrNs_1920 = 999.
IF K4Q04_R = 1 or K4Q04_R = 2 PerDrNs_1920 = 1.
IF K4Q04_R = 3 PerDrNs_1920 = 2.
IF K4Q04_R=99 PerDrNs_1920 = 99.
VARIABLE LABELS PerDrNs_1920 "Indicator 4.12a: Medical Home Component: Children with a
personal doctor or nurse".
VALUE LABELS PerDrNs_1920
1 "Have at least one personal doctor or nurse"
2 "Do not have a personal doctor or nurse"
99 "Missing".
MISSING VALUES PerDrNs_1920(99).
FORMATS PerDrNs_1920(f4.0).

```

\*\*Indicator 4.12b: Medical Home Component: Usual source for sick

```

COMPUTE UsualSck_1920 = 999.
IF K4Q01 = 1 and (K4Q02_R=1 or K4Q02_R=3 or K4Q02_R=4 or K4Q02_R=5 or K4Q02_R=6 or
K4Q02_R=7) UsualSck_1920 = 1.
IF K4Q01 = 2 or K4Q02_R = 2 UsualSck_1920 = 2.
IF K4Q01=99 or K4Q02_R=99 UsualSck_1920 = 99.
VARIABLE LABELS UsualSck_1920 "Indicator 4.12b: Medical Home Component: Usual source for sick
care".
VALUE LABELS UsualSck_1920
1 "One or more"
2 "None"
99 "Missing".
MISSING VALUES UsualSck_1920(99).

```

\*\*\*Indicator 4.12c: Medical Home Component: Family-centered care

```

COMPUTE time_1920 = 999.
IF S4Q01 = 2 time_1920 = 0.
IF K5Q40 = 3 or K5Q40 = 4 time_1920 = 3.
IF K5Q40 = 2 time_1920 = 2.
IF K5Q40 = 1 time_1920 = 1.
IF K5Q40 = 99 time_1920 = 99.
VARIABLE LABELS time_1920 "Doctors spent enough time with children".
VALUE LABELS time_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES time_1920(99).

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```
COMPUTE listen_1920 = 999.
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IF S4Q01 = 2 listen_1920 = 0.
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IF K5Q41 =3 or K5Q41 = 4 listen_1920 = 3.
IF K5Q41 = 2 listen_1920 = 2.
IF K5Q41 = 1 listen_1920 = 1.
IF K5Q41 = 99 listen_1920 = 99.
VARIABLE LABELS listen_1920 "Doctors listened carefully to children's parents".
VALUE LABELS listen_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES listen_1920(99).

COMPUTE sensitiv_1920 = 999.
IF S4Q01 = 2 sensitiv_1920 = 0.
IF K5Q42 = 3 or K5Q42 = 4 sensitiv_1920 = 3.
IF K5Q42 = 2 sensitiv_1920 = 2.
IF K5Q42 = 1 sensitiv_1920 = 1.
IF K5Q42 = 99 sensitiv_1920 = 99.
VARIABLE LABELS sensitiv_1920 "Doctors showed sensitivity to children's family's values and customs".
VALUE LABELS sensitiv_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES sensitiv_1920(99).

COMPUTE info_1920 = 999.
IF S4Q01 = 2 info_1920 = 0.
IF K5Q43 = 3 or K5Q43 = 4 info_1920 = 3.
IF K5Q43 = 2 info_1920 = 2.
IF K5Q43 = 1 info_1920 = 1.
IF K5Q43 = 99 info_1920 = 99.
VARIABLE LABELS info_1920 "Doctors provided information specific to parents' concerns".
VALUE LABELS info_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES info_1920(99).

COMPUTE partner_1920 = 999.
IF S4Q01 = 2 partner_1920 = 0.
IF K5Q44 = 3 or K5Q44 = 4 partner_1920 = 3.
IF K5Q44 = 2 partner_1920 = 2.

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```

IF K5Q44 = 1 partner_1920 = 1.
IF K5Q44 = 99 partner_1920 = 99.
VARIABLE LABELS partner_1920 "Doctors helped parents to feel like partners in child's care".
VALUE LABELS partner_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES partner_1920(99).

MISSING VALUES time_1920 listen_1920 sensitiv_1920 info_1920 partner_1920().

COMPUTE FamCent_1920 = 999.
IF (time_1920 = 3 or time_1920=99) or (listen_1920 = 3 or listen_1920 =99) or (sensitiv_1920 = 3 or
sensitiv_1920=99) or (info_1920 = 3 or info_1920=99) or
(partner_1920 = 3 or partner_1920=99) FamCent_1920 = 2.
IF (time_1920=1 or time_1920=2 or time_1920=99) and (listen_1920=1 or listen_1920=2 or
listen_1920=99) and (sensitiv_1920=1 or sensitiv_1920=2 or sensitiv_1920=99) and
(info_1920=1 or info_1920=2 or info_1920=99) and (partner_1920=1 or partner_1920=2 or
partner_1920=99) FamCent_1920 = 1.
IF time_1920 = 0 FamCent_1920 = 0.
IF time_1920 = 99 and listen_1920 = 99 and sensitiv_1920 = 99 and info_1920 = 99 and
partner_1920 = 99 FamCent_1920 = 99.
VARIABLE LABELS FamCent_1920 "Indicator 4.12c: Medical Home Component: Children who
received family-centered care".
VALUE LABELS FamCent_1920
0 "Did not have health care visit in the past 12 months"
1 "Yes"
2 "No"
99 "Missing to all".
MISSING VALUES FamCent_1920(0,99).

***Indicator 4.12d: Medical Home Component: Difficulties getting referrals to see any doctors or
receive any services

COMPUTE NoRefPrb_1920 = K5Q11.
IF K5Q10=99 NoRefPrb_1920 = 99.
IF K5Q10 = 2 NoRefPrb_1920 = 0.
VARIABLE LABELS NoRefPrb_1920 "Indicator 4.12d: Medical Home Component: Difficulties getting
referrals to see any doctors or receive any services".
VALUE LABELS NoRefPrb_1920
0 "Did not need referrals during the past 12 months"
1 "Did not have difficulty getting referral, when needed"
2 "Somewhat difficult to get referrals, when needed"
3 "Very difficult to get referrals, when needed"
4 "It was not possible to get a referral, when needed"
99 "Missing".

```

MISSING VALUES NoRefPrb\_1920(99).

\*\*\*Indicator 4.12e: Medical Home Component: Effective Care Coordination

COMPUTE DrComm\_1920 = 999.

IF K5Q30 = 1 DrComm\_1920 = 1.

IF K5Q30 = 2 DrComm\_1920 = 2.

IF K5Q30 = 3 or K5Q30 = 4 DrComm\_1920 = 3.

IF K5Q30 = 99 DrComm\_1920 = 99.

IF K5Q20\_R = 3 or S4Q01 = 2 DrComm\_1920 = 0.

VARIABLE LABELS DrComm\_1920 "Satisfaction with communication among child's doctor and other health care provider".

VALUE LABELS DrComm\_1920

0 "Did not see more than one health care provider"

1 "Very satisfied"

2 "Somewhat satisfied"

3 "Somewhat dissatisfied/Very dissatisfied"

99 "Missing".

MISSING VALUES DrComm\_1920().

COMPUTE CareHelp\_1920 = 999.

IF K5Q22 = 1 CareHelp\_1920 = 1.

IF K5Q20\_R = 1 and K5Q21 = 2 CareHelp\_1920 = 1.

IF K5Q22 = 2 or K5Q22 = 3 CareHelp\_1920 = 2.

IF K5Q21 = 99 or K5Q22 = 99 CareHelp\_1920 = 99.

IF K5Q20\_R = 99 CareHelp\_1920 = 99.

IF K5Q20\_R = 3 or S4Q01 = 2 CareHelp\_1920 = 0.

IF K5Q20\_R = 2 and K5Q21 = 2 CareHelp\_1920 = 0.

IF S4Q01 = 99 CareHelp\_1920 = 99.

VARIABLE LABELS CareHelp\_1920 "Got all needed extra help with care coordination when needed".

VALUE LABELS CareHelp\_1920

0 "Did not see more than one health care provider or did not get or need extra help"

2 "Needed extra help/did not get it"

1 "Got help with care coor and/or extra help when needed"

99 "Missing".

COMPUTE OthComm\_1920 = 999.

IF S4Q01 = 2 or K5Q31\_R = 2 or K5Q31\_R = 3 OthComm\_1920 = 0.

IF K5Q32 = 1 OthComm\_1920 = 1.

IF K5Q32 = 2 or K5Q32 = 3 or K5Q32 = 4 OthComm\_1920 = 2.

IF K5Q32 = 99 OthComm\_1920 = 99.

IF K5Q31\_R = 99 OthComm\_1920 = 99.

VARIABLE LABELS OthComm\_1920 "Satisfaction with communication among child's doctors and school, child care provider, or special education program".

VALUE LABELS OthComm\_1920

0 "No communication needed or did not have health care visit in the past 12 months"

1 "Very satisfied"

2 "Less than very satisfied"

99 "Missing to either item".

COMPUTE CareCoor\_1920 = 999.

IF (CareHelp\_1920 = 2 or CareHelp\_1920=99) or (DrComm\_1920 = 2 or DrComm\_1920 = 3 or DrComm\_1920=99) or (OthComm\_1920 = 2 or OthComm\_1920=99) CareCoor\_1920 = 2.

IF (CareHelp\_1920 = 0 or CareHelp\_1920 = 1 or CareHelp\_1920=99) and (DrComm\_1920=0 or DrComm\_1920 =1 or DrComm\_1920=99) and (OthComm\_1920 = 0 or OthComm\_1920 = 1 or OthComm\_1920=99) CareCoor\_1920 = 1.

IF (CareHelp\_1920 = 0 or CareHelp\_1920=99) and (DrComm\_1920 = 0 or DrComm\_1920=99) and (OthComm\_1920 = 0 or OthComm\_1920 = 99) CareCoor\_1920 = 0.

IF CareHelp\_1920 = 99 and DrComm\_1920 = 99 and OthComm\_1920 = 99 CareCoor\_1920 = 99.

VARIABLE LABELS CareCoor\_1920 "Indicator 4.12e: Medical Home Component: Effective care coordination, all children".

VALUE LABELS CareCoor\_1920

0 "Did not need care coordination"

1 "Received needed care coordination"

2 "Did not receive needed care coordination"

99 "Missing to all".

MISSING VALUES CareCoor\_1920(99).

MISSING VALUES PerDrNs\_1920 UsualSck\_1920 FamCent\_1920 NoRefPrb\_1920 CareCoor\_1920().

COMPUTE MedHome\_1920 = 999.

IF (PerDrNs\_1920 = 1 or PerDrNs\_1920=99) and (UsualSck\_1920 = 1 or UsualSck\_1920=99) and (NoRefPrb\_1920=1 or NoRefPrb\_1920 =0 or NoRefPrb\_1920=99) and (FamCent\_1920=1 or FamCent\_1920=0 or FamCent\_1920=99) and (CareCoor\_1920=1 or CareCoor\_1920=0 or CareCoor\_1920=99) MedHome\_1920 = 1.

IF PerDrNs\_1920 = 2 or UsualSck\_1920 = 2 or (NoRefPrb\_1920 = 2 or NoRefPrb\_1920=3 or NoRefPrb\_1920=4) or FamCent\_1920 = 2 or CareCoor\_1920 = 2 MedHome\_1920 = 2.

IF PerDrNs\_1920 = 99 and UsualSck\_1920 = 99 and (FamCent\_1920 = 99 or FamCent\_1920 = 0) and (NoRefPrb\_1920 = 99 or NoRefPrb\_1920=0) and (CareCoor\_1920 = 99 or CareCoor\_1920 = 0) MedHome\_1920 = 99.

VARIABLE LABELS MedHome\_1920 "Indicator 4.12: Children receiving coordinated, ongoing, comprehensive care within a medical home".

VALUE LABELS MedHome\_1920

1 "Care meets medical home criteria"

2 "Care does not meet medical home criteria"

99 "Missing to all".

MISSING VALUES MedHome\_1920(99).

Indicator 4.12a	Personal doctor or nurse (PerDrNs_1920)
Description	Do you have one or more persons you think of as this child's personal doctor or nurse?
Survey Items Used	Survey instrument item number for children 0-5 years: D1; for children 6-11 years: D1; for children 12-17 years: D1 Variable in public use data file: K4Q04_R
Denominator	Children age 0-17 years
Numerator/Response Categories	Yes; No
<b>Notes for Data-Users</b>	
This measure is one of the five components of the composite Medical Home measure and was derived directly from a single item (K4Q04_R). Children who do not have a personal doctor or nurse cannot qualify as having a Medical Home regardless of their status on the other four components. A child's "personal doctor or nurse" could be one or more health care professionals who knows the child well and is familiar with the child's health history. A "health care professional" is defined as a general doctor, pediatrician, specialist doctor, nurse practitioner, or physician's assistant.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE PerDrNs_1920 = 999. IF K4Q04_R = 1 or K4Q04_R = 2 PerDrNs_1920 = 1. IF K4Q04_R = 3 PerDrNs_1920 = 2. IF K4Q04_R=99 PerDrNs_1920 = 99. VARIABLE LABELS PerDrNs_1920 "Indicator 4.12a: Medical Home Component: Children with a personal doctor or nurse". VALUE LABELS PerDrNs_1920 1 "Have at least one personal doctor or nurse" 2 "Do not have a personal doctor or nurse" 99 "Missing". MISSING VALUES PerDrNs_1920(99). FORMATS PerDrNs_1920(f4.0). </pre>	

Indicator 4.12b	Usual source for sick care (UsualSck_1920)
Description	Does this child have a place that they usually go to first when they are sick, or a parent/caregiver needs advice about their health?
Survey Items Used	Survey instrument item number for children 0-5 years: C8, C9; for children 6-11 years: C8, C9; for children 12-17 years: C9, C10 Variables in public use data file: K4Q01; K4Q02_R
Denominator	Children age 0-17 years
Numerator/Response Categories	Has usual sources for sick care; Does not have usual sources for sick care
<b>Notes for Data-Users</b>	
This measure is derived from two questionnaire items: whether child has a usual place to go when they are sick (K4Q01) and what type of place they go for medical care when they are sick (K4Q02_R). Criteria for meeting this component of the Medical Home measure are: having a usual place for sick care (K4Q01) that is categorized in K4Q02_R as a doctor's office, hospital outpatient department, clinic or health center, retail store clinic or "Minute clinic", school (nurse's office, athletic trainer's office), or some other place. Responses indicating that the child does not have a usual source of care (K4Q01 =2) or that the place of care is a hospital emergency room (K4Q02_R=2) is defined as not having a usual source of care for sick care.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE UsualSck_1920 = 999. IF K4Q01 = 1 and (K4Q02_R=1 or K4Q02_R=3 or K4Q02_R=4 or K4Q02_R=5 or K4Q02_R=6 or K4Q02_R=7) UsualSck_1920 = 1. IF K4Q01 = 2 or K4Q02_R = 2 UsualSck_1920 = 2. IF K4Q01=99 or K4Q02_R=99 UsualSck_1920 = 99. VARIABLE LABELS UsualSck_1920 "Indicator 4.12b: Medical Home Component: Usual source for sick care". VALUE LABELS UsualSck_1920 1 "One or more" 2 "None" 99 "Missing". MISSING VALUES UsualSck_1920(99). </pre>	

Indicator 4.12c	Family-centered care (FamCent_1920)
Description	If this child received care during the past 12 months, did they receive family-centered care?
Survey Items Used	Survey instrument item number for children 0-5 years: D4a-e; for children 6-11 years: D4a-e; for children 12-17 years: D4a-e; Variable in public use data file: K5Q40; K5Q41; K5Q42; K5Q43; K5Q44;
Denominator	Children age 0-17 years who had a health care visit in the past 12 months
Numerator/Response Categories	Yes; No
<b>Notes for Data-Users</b>	
This measure represents the Family-centered care component of the Medical Home composite measure. Family-centered care is comprised of responses to five experience-of-care questions: spends enough time with child (K5Q40), listens carefully to you (K5Q41), sensitive to family values/customs (K5Q42), gives needed information (K5Q43), and family feels like partner (K5Q44). The composite family centered care measure is only considered missing if all components are missing. Therefore, children with a valid, either "Usually" or "Always" response to at least one item and the remainder of the items were missing are categorized as receiving family-centered care. Children who had no health care visits in the past twelve months were not included in this measure.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE time_1920 = 999. IF S4Q01 = 2 time_1920 = 0. IF K5Q40 = 3 or K5Q40 = 4 time_1920 = 3. IF K5Q40 = 2 time_1920 = 2. IF K5Q40 = 1 time_1920 = 1. IF K5Q40 = 99 time_1920 = 99. VARIABLE LABELS time_1920 "Doctors spent enough time with children". VALUE LABELS time_1920 0 "Did not have a health care visit in the past 12 months" 1 "Always" 2 "Usually" 3 "Sometimes or never" 99 "Missing". MISSING VALUES time_1920(99).  COMPUTE listen_1920 = 999. IF S4Q01 = 2 listen_1920 = 0. IF K5Q41 =3 or K5Q41 = 4 listen_1920 = 3. </pre>	

```

IF K5Q41 = 2 listen_1920 = 2.
IF K5Q41 = 1 listen_1920 = 1.
IF K5Q41 = 99 listen_1920 = 99.
VARIABLE LABELS listen_1920 "Doctors listened carefully to children's parents".
VALUE LABELS listen_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES listen_1920(99).

COMPUTE sensitiv_1920 = 999.
IF S4Q01 = 2 sensitiv_1920 = 0.
IF K5Q42 = 3 or K5Q42 = 4 sensitiv_1920 = 3.
IF K5Q42 = 2 sensitiv_1920 = 2.
IF K5Q42 = 1 sensitiv_1920 = 1.
IF K5Q42 = 99 sensitiv_1920 = 99.
VARIABLE LABELS sensitiv_1920 "Doctors showed sensitivity to children's family's values and customs".
VALUE LABELS sensitiv_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES sensitiv_1920(99).

COMPUTE info_1920 = 999.
IF S4Q01 = 2 info_1920 = 0.
IF K5Q43 = 3 or K5Q43 = 4 info_1920 = 3.
IF K5Q43 = 2 info_1920 = 2.
IF K5Q43 = 1 info_1920 = 1.
IF K5Q43 = 99 info_1920 = 99.
VARIABLE LABELS info_1920 "Doctors provided information specific to parents' concerns".
VALUE LABELS info_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES info_1920(99).

COMPUTE partner_1920 = 999.
IF S4Q01 = 2 partner_1920 = 0.
IF K5Q44 = 3 or K5Q44 = 4 partner_1920 = 3.
IF K5Q44 = 2 partner_1920 = 2.
IF K5Q44 = 1 partner_1920 = 1.

```

```
IF K5Q44 = 99 partner_1920 = 99.  
VARIABLE LABELS partner_1920 "Doctors helped parents to feel like partners in child's care".  
VALUE LABELS partner_1920  
0 "Did not have a health care visit in the past 12 months"  
1 "Always"  
2 "Usually"  
3 "Sometimes or never"  
99 "Missing".  
MISSING VALUES partner_1920(99).
```

```
MISSING VALUES time_1920 listen_1920 sensitiv_1920 info_1920 partner_1920().
```

```
COMPUTE FamCent_1920 = 999.  
IF (time_1920 = 3 or time_1920=99) or (listen_1920 = 3 or listen_1920 =99) or (sensitiv_1920 = 3 or  
sensitiv_1920=99) or (info_1920 = 3 or info_1920=99) or  
(partner_1920 = 3 or partner_1920=99) FamCent_1920 = 2.  
IF (time_1920=1 or time_1920=2 or time_1920=99) and (listen_1920=1 or listen_1920=2 or  
listen_1920=99) and (sensitiv_1920=1 or sensitiv_1920=2 or sensitiv_1920=99) and  
(info_1920=1 or info_1920=2 or info_1920=99) and (partner_1920=1 or partner_1920=2 or  
partner_1920=99) FamCent_1920 = 1.  
IF time_1920 = 0 FamCent_1920 = 0.  
IF time_1920 = 99 and listen_1920 = 99 and sensitiv_1920 = 99 and info_1920 = 99 and  
partner_1920 = 99 FamCent_1920 = 99.  
VARIABLE LABELS FamCent_1920 "Indicator 4.12c: Medical Home Component: Children who  
received family-centered care".  
VALUE LABELS FamCent_1920  
0 "Did not have health care visit in the past 12 months"  
1 "Yes"  
2 "No"  
99 "Missing to all".  
MISSING VALUES FamCent_1920(0,99).
```

Indicator 4.12d	Difficulties getting referrals, all children (NoRefPrb_1920)
Description	During the past 12 months, how difficult was it for this child to get referrals to see any doctors or receive any services?
Survey Items Used	Survey instrument item number for children 0-5 years: D2,D3; for children 6-11 years: D2,D3; for children 12-17 years: D2,D3; Variable in public use data file: K5Q10; K5Q11
Denominator	Children age 0-17 years
Numerator/Response Categories	Did not need referrals; No difficulty; Somewhat difficult; Very difficult; It was not possible to get a referral
<b>Notes for Data-Users</b>	
This measure is one of the five components of the composite Medical Home measure, and was derived based on two questions: "Needed referral to see doctors or receive any services during the past 12 months" (K5Q10) and "How difficult was to get referrals to see any doctors or receive any services?" (K5Q11). Those who needed referrals ("Yes" to K5Q10=1) were coded according to whether it was "not difficult" (K5Q11=1), "somewhat difficult" (K5Q11=2), "very difficult" (K5Q11=3) or "not possible" to get them. Children whose response for K5Q10 was "No" (K5Q10=2) were coded as not needing referrals.	
<b>Revisions and Changes</b>	
There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE NoRefPrb_1920 = K5Q11. IF K5Q10=99 NoRefPrb_1920 = 99. IF K5Q10 = 2 NoRefPrb_1920 = 0. VARIABLE LABELS NoRefPrb_1920 "Indicator 4.12d: Medical Home Component: Difficulties getting referrals to see any doctors or receive any services". VALUE LABELS NoRefPrb_1920 0 "Did not need referrals during the past 12 months" 1 "Did not have difficulty getting referral, when needed" 2 "Somewhat difficult to get referrals, when needed" 3 "Very difficult to get referrals, when needed" 4 "It was not possible to get a referral, when needed" 99 "Missing". MISSING VALUES NoRefPrb_1920(99). EXECUTE.  COMPUTE NoRefPrb2_1920 = K5Q11. IF K5Q10=99 NoRefPrb2_1920 = 99. IF K5Q10 = 2 NoRefPrb2_1920 = 0. </pre>	

VARIABLE LABELS NoRefPrb2\_1920 "Indicator 4.12d: Medical Home Component: Difficulties getting needed referrals, among who needed".

VALUE LABELS NoRefPrb2\_1920

0 "Did not need referrals during the past 12 months"

1 "Did not have difficulty getting referral, when needed"

2 "Somewhat difficult to get referrals, when needed"

3 "Very difficult to get referrals, when needed"

4 "It was not possible to get a referral, when needed"

99 "Missing".

MISSING VALUES NoRefPrb2\_1920(0,99).

MISSING VALUES CareHelp\_1920 DrComm\_1920 OthComm\_1920(90).

Indicator 4.12e	Effective care coordination (CareCoor_1920)
<b>Description</b>	Did this child receive effective care coordination?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: D7-12; for children 6-11 years: D7-12; for children 12-17 years: D7-12 Variables in public use data file: K5Q20_R; K5Q21; K5Q22; K5Q30; K5Q31_R; K5Q32
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Did not need care coordination; Received needed care coordination; Did not receive needed care coordination
<b>Notes for Data-Users</b>	
<p>This measure is one of the five components of the composite Medical Home measure. All questions used to create the measure were asked among children who had a health care visit in the past 12 months. The effective care coordination measure is constructed by assessing communication between doctors when needed (K5Q22; K5Q30), communication between doctors and schools when needed (K5Q32) (K5Q31_R); and getting needed help coordinating care (K5Q20_R, K5Q21). Children who did not see more than one health care provider (K5Q20_R=3 or legit skip) were coded as not needing care coordination.</p> <p>The composite care coordination measure is only considered missing if all components are missing. Therefore, children with a valid, positive response to at least one component and the remainder of the components were missing or legitimately skipped are categorized as received effective care coordination.</p>	
<b>Revisions and Changes</b>	
<p>There have been no substantive changes to this item or measure since 2016.</p>	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE DrComm_1920 = 999. IF K5Q30 = 1 DrComm_1920 = 1. IF K5Q30 = 2 DrComm_1920 = 2. IF K5Q30 = 3 or K5Q30 = 4 DrComm_1920 = 3. IF K5Q30 = 99 DrComm_1920 = 99. IF K5Q20_R = 3 or S4Q01 = 2 DrComm_1920 = 0. VARIABLE LABELS DrComm_1920 "Satisfaction with communication among child's doctor and other health care provider". VALUE LABELS DrComm_1920 0 "Did not see more than one health care provider" 1 "Very satisfied" 2 "Somewhat satisfied" 3 "Somewhat dissatisfied/Very dissatisfied" 99 "Missing". MISSING VALUES DrComm_1920(). </pre>	

```

COMPUTE CareHelp_1920 = 999.
IF K5Q22 = 1 CareHelp_1920 = 1.
IF K5Q20_R = 1 and K5Q21 = 2 CareHelp_1920 = 1.
IF K5Q22 = 2 or K5Q22 = 3 CareHelp_1920 = 2.
IF K5Q21 = 99 or K5Q22 = 99 CareHelp_1920 = 99.
IF K5Q20_R = 99 CareHelp_1920 = 99.
IF K5Q20_R = 3 or S4Q01 = 2 CareHelp_1920 = 0.
IF K5Q20_R = 2 and K5Q21 = 2 CareHelp_1920 = 0.
IF S4Q01 = 99 CareHelp_1920 = 99.
VARIABLE LABELS CareHelp_1920 "Got all needed extra help with care coordination when needed".
VALUE LABELS CareHelp_1920
0 "Did not see more than one health care provider or did not get or need extra help"
2 "Needed extra help/did not get it"
1 "Got help with care coor and/or extra help when needed"
99 "Missing".

COMPUTE OthComm_1920 = 999.
IF S4Q01 = 2 or K5Q31_R = 2 or K5Q31_R = 3 OthComm_1920 = 0.
IF K5Q32 = 1 OthComm_1920 = 1.
IF K5Q32 = 2 or K5Q32 = 3 or K5Q32 = 4 OthComm_1920 = 2.
IF K5Q32 = 99 OthComm_1920 = 99.
IF K5Q31_R = 99 OthComm_1920 = 99.
VARIABLE LABELS OthComm_1920 "Satisfaction with communication among child's doctors and
school, child care provider, or special education program".
VALUE LABELS OthComm_1920
0 "No communication needed or did not have health care visit in the past 12 months"
1 "Very satisfied"
2 "Less than very satisfied"
99 "Missing to either item".

COMPUTE CareCoor_1920 = 999.
IF (CareHelp_1920 = 2 or CareHelp_1920=99) or (DrComm_1920 = 2 or DrComm_1920 = 3 or
DrComm_1920=99) or (OthComm_1920 = 2 or OthComm_1920=99) CareCoor_1920 = 2.
IF (CareHelp_1920 = 0 or CareHelp_1920 = 1 or CareHelp_1920=99) and (DrComm_1920=0 or
DrComm_1920 =1 or DrComm_1920=99) and (OthComm_1920 = 0 or OthComm_1920 = 1 or
OthComm_1920=99) CareCoor_1920 = 1.
IF (CareHelp_1920 = 0 or CareHelp_1920=99) and (DrComm_1920 = 0 or DrComm_1920=99) and
(OthComm_1920 = 0 or OthComm_1920 = 99) CareCoor_1920 = 0.
IF CareHelp_1920 = 99 and DrComm_1920 = 99 and OthComm_1920 = 99 CareCoor_1920 = 99.
VARIABLE LABELS CareCoor_1920 "Indicator 4.12e: Medical Home Component: Effective care
coordination, all children".
VALUE LABELS CareCoor_1920
0 "Did not need care coordination"
1 "Received needed care coordination"
2 "Did not receive needed care coordination"
99 "Missing to all".
MISSING VALUES CareCoor_1920(99).
EXECUTE.

```

\*\*\*\*Individual components of Care coordination\*\*\*\*

```
RECODE K5Q20_R
(99=99) (3=95) (else=copy) into HelpCoord_1920.
IF S4Q01 = 2 HelpCoord_1920 = 95.
VARIABLE LABELS HelpCoord_1920 "Family got help with coordinating child's health care in the past
12 months, among those who needed".
VALUE LABELS HelpCoord_1920
2 "No"
1 "Yes"
99 "Missing"
95 "Did not see more than one health care provider in past 12 months".
MISSING VALUES HelpCoord_1920(95,99).
FORMATS HelpCoord_1920(f4.0).
EXECUTE.
```

```
COMPUTE ExtraHelp_1920 = K5Q21.
IF S4Q01 = 2 or K5Q20_R = 3 ExtraHelp_1920 = 95.
VARIABLE LABELS ExtraHelp_1920 "Family needed extra help to coordinate child's health care".
VALUE LABELS ExtraHelp_1920
2 "No"
1 "Yes"
99 "Missing"
95 "Did not see more than one health care provider in past 12 months".
MISSING VALUES ExtraHelp_1920(95,99).
FORMATS ExtraHelp_1920(f4.0).
EXECUTE.
```

```
COMPUTE AllExtraHelp_1920 = K5Q22.
IF S4Q01 = 2 or K5Q20_R = 3 or K5Q21 = 2 AllExtraHelp_1920 = 95.
VARIABLE LABELS AllExtraHelp_1920 "Children whose family got help with care coordination they
wanted".
VALUE LABELS AllExtraHelp_1920
1 "Usually got help that was needed"
2 "Sometimes got help that was needed"
3 "Never got help that was needed"
99 "Missing"
95 "Did not see more than one health care provider/did not need extra help".
MISSING VALUES AllExtraHelp_1920(95,99).
FORMATS AllExtraHelp_1920(f4.0).
EXECUTE.
```

```
COMPUTE DrCommR_1920 = 999.
IF K5Q30 = 1 DrCommR_1920 = 1.
IF K5Q30 = 2 DrCommR_1920 = 2.
IF K5Q30 = 3 or K5Q30 = 4 DrCommR_1920 = 3.
IF K5Q30=99 DrCommR_1920 = 99.
IF K5Q20_R = 3 or S4Q01 = 2 DrCommR_1920 = 0.
VARIABLE LABELS DrCommR_1920 "Satisfaction with communication among child's doctor and other
health care providers".
VALUE LABELS DrCommR_1920
0 "Did not see more than one health care provider"
```

1 "Very satisfied"  
2 "Somewhat satisfied"  
3 "Somewhat dissatisfied or very dissatisfied"  
99 "Missing".  
MISSING VALUES DrCommR\_1920(0,99).

RECODE K5Q31\_R  
(1=1) (2 thru 3=2) (99 = 99) into OtherComm\_1920.  
IF S4Q01 = 2 OtherComm\_1920 = 95.  
VARIABLE LABELS OtherComm\_1920 "Health care provider communicate with child's school, child care provider, or special education program".  
VALUE LABELS OtherComm\_1920  
1 "Doctors communicate with child's school, etc"  
2 "Doctors did not communicate with school etc. or No communication needed"  
95 "Did not have any health care visit in past 12 months"  
99 "Missing".  
MISSING VALUES OtherComm\_1920(95,99).  
FORMATS OtherComm\_1920(f4.0).  
EXECUTE.

RECODE K5Q32  
(1=1) (2 thru 4=2) (99 = 99) into SatOthComm\_1920.  
\*IF (SYSMIS(K5Q31\_R)) SatOthComm\_1920 = 99.  
IF S4Q01 = 2 SatOthComm\_1920 = 95.  
IF K5Q31\_R = 2 or K5Q31\_R = 3 SatOthComm\_1920 = 96.  
VARIABLE LABELS SatOthComm\_1920 "Satisfaction with communication among child's doctors and school, child care provider, or special education program".  
VALUE LABELS SatOthComm\_1920  
1 "Very satisfied"  
2 "Less than very satisfied"  
95 "Did not have any health care visit in past 12 months"  
96 "Doctors did not communicate with child's school, etc. or No communication needed"  
99 "Missing".  
FORMATS SatOthComm\_1920(f4.0).  
MISSING VALUES SatOthComm\_1920(95,96,99).

Indicator 4.14	Shared decision-making (ShareDec_1920)
Description	How often did the child's family feel partnered in shared decision-making for the child's optimal health?
Survey Items Used	Survey instrument item number for children 0-5 years: D5, D6c; for children 6-11 years: D5, D6c; for children 12-17 years: D5, D6c Variables in public use data file: BESTFORCHILD; DECISIONS; DISCUSSOPT; RAISECONC
Denominator	Children age 0-17 years who had a health care visit in the past 12 months
Numerator/Response Categories	No decisions needed; Always or usually; Sometimes or never
Notes for Data-Users	<p>This measure is based on whether the child has a family who usually or always feels that doctors or other health care providers: 1) discuss with parents a range of options to consider for their child's health care or treatment; 2) make it easy to raise concerns or disagree with recommendations for the child's health; and 3) work together to decide health care and treatment choices would be best for the child. Children with a valid, positive response (usually or always) to at least one component and the remainder of the components were missing are categorized as families feel that they are partners in decision making.</p> <p>The question was asked only if child had a health care visit in the past 12 months.</p>
Revisions and Changes	<p>There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a>.</p>
SPSS Syntax and Annotation	<pre> COMPUTE DiscussOpt_1920 = 999. IF DECISIONS = 2 DiscussOpt_1920 = 0. IF DISCUSSOPT = 1 DiscussOpt_1920 = 1. IF DISCUSSOPT = 2 DiscussOpt_1920 = 2. IF DISCUSSOPT = 3 or DISCUSSOPT = 4 DiscussOpt_1920 = 3. IF DISCUSSOPT = 99 DiscussOpt_1920 = 99. IF S4Q01=2 DiscussOpt_1920 = 95. VARIABLE LABELS DiscussOpt_1920 "Doctors discussed range of health care/treatment options". VALUE LABELS DiscussOpt_1920 0 "No decisions needed" 1 "Always" 2 "Usually" 3 "Never/Sometimes" 99 "Missing" 95 "Did not have a health care visit". </pre>

MISSING VALUES DiscussOpt\_1920(0,95,99).

FORMATS DiscussOpt\_1920(f2.0).

EXECUTE.

COMPUTE RaiseConc\_1920 = 999.

IF DECISIONS = 2 RaiseConc\_1920 = 0.

IF RAISECONC = 1 RaiseConc\_1920 = 1.

IF RAISECONC = 2 RaiseConc\_1920 = 2.

IF RAISECONC = 3 or RAISECONC = 4 RaiseConc\_1920 = 3.

IF RAISECONC = 99 RaiseConc\_1920 = 99.

IF S4Q01 = 2 RaiseConc\_1920 = 95.

VARIABLE LABELS RaiseConc\_1920 "Doctors made it easy for parents to raise concerns or disagree with recommendations".

VALUE LABELS RaiseConc\_1920

0 "No decisions needed"

1 "Always"

2 "Usually"

3 "Never/Sometimes"

99 "Missing"

95 "Did not have a health care visit".

MISSING VALUES RaiseConc\_1920(0,95,99).

FORMATS RaiseConc\_1920(f2.0).

EXECUTE.

COMPUTE BestChoice\_1920 = 999.

IF DECISIONS = 2 BestChoice\_1920 = 0.

IF BESTFORCHILD=1 BestChoice\_1920 = 1.

IF BESTFORCHILD=2 BestChoice\_1920 = 2.

IF BESTFORCHILD=3 or BESTFORCHILD=4 BestChoice\_1920 = 3.

IF BESTFORCHILD = 99 BestChoice\_1920 = 99.

IF S4Q01 = 2 BestChoice\_1920 = 95.

VARIABLE LABELS BestChoice\_1920 "Doctors worked with parents to decide together health care/treatment options".

VALUE LABELS BestChoice\_1920

0 "No decisions needed"

1 "Always"

2 "Usually"

3 "Never/Sometimes"

99 "Missing"

95 "Did not have a health care visit".

MISSING VALUES BestChoice\_1920(0,95,99).

FORMATS BestChoice\_1920(f2.0).

EXECUTE.

MISSING VALUES DiscussOpt\_1920 RaiseConc\_1920 BestChoice\_1920().

COMPUTE ShareDec\_1920 = 999.

```
IF (DiscussOpt_1920 = 3 or DiscussOpt_1920=99) or (RaiseConc_1920 = 3 or RaiseConc_1920=99) or  
(BestChoice_1920 = 3 or BestChoice_1920 = 99) ShareDec_1920 = 2.  
IF (DiscussOpt_1920 = 1 or DiscussOpt_1920= 2 or DiscussOpt_1920=99) and (RaiseConc_1920 = 1 or  
RaiseConc_1920 = 2 or RaiseConc_1920=99) and  
(BestChoice_1920 = 1 or BestChoice_1920 = 2 or BestChoice_1920=99) ShareDec_1920 = 1.  
IF DiscussOpt_1920 = 99 and RaiseConc_1920 = 99 and BestChoice_1920 = 99 ShareDec_1920 = 99.  
IF DECISIONS = 2 or S4Q01=2 ShareDec_1920 = 0.  
VARIABLE LABELS ShareDec_1920 "Indicator 4.14: Children whose families are partners in shared  
decision-making for their optimal health".  
VALUE LABELS ShareDec_1920  
0 "No decisions needed/Did not have a health care visit during the past 12 months"  
1 "Families usually or always feel that they are partners in decision making"  
2 "Families never/sometimes feel that they are partners in decision making"  
99 "Missing".  
MISSING VALUES ShareDec_1920(95,99).  
FORMATS ShareDec_1920(f2.0).  
EXECUTE.  
MISSING VALUES DiscussOpt_1920 RaiseConc_1920 BestChoice_1920(0,95,99).
```

Indicator 4.15	Transition to adult health care, age 12-17 years (Transition_1920)
<b>Description</b>	Did this child receive services needed for transition to adult health care, age 12-17 years? (details)
<b>Survey Items Used</b>	Survey instrument item number for children 12-17 years: C2; D13, D14, D15b,c Variables in public use data file: CHANGEAGE; DOCPRIVATE; GAINSKILLS; TREATADULT; TREATCHILD
<b>Denominator</b>	Youth age 12-17 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
<p>In order to meet the criteria for this measure, youth ages 12-17 years old must meet three components: 1) doctor spoke with child privately without an adult in the room during last preventive check-up; 2) if a discussion about transitioning to adult care was needed it must have happened; and 3) doctors actively worked with child to gain skills and understand changes in health care. If a child has at least one valid positive response to any of these components and the remainder of the components were missing or legitimately skipped, these children were categorized as receiving adequate transition to adult health care in the scoring of this measure. Respondents with "missing" to all items were set to missing.</p>	
<b>Revisions and Changes</b>	
<p>There were changes in two items that go into scoring this measure since 2016: time spent alone with health care provider and discussion of shift to adult health care providers. In 2018, the time alone with health care provider question changed to refer to the last medical care visit of any kind, not just preventive care. The wording of the item on shifting to adult health care providers changed slightly. Though these changes may have slightly impacted the prevalence of the individual items, the overall concept of transition to adult health care and how it is measured in the survey did not change. For more information about the changes, <a href="#">click here</a>.</p>	
<b>SPSS Syntax and Annotation</b>	
<p>*Transition Part A: Time alone with health care provider*</p> <pre> COMPUTE TimeAlone_1920 = 999. IF DOCPRIVATE = 1 TimeAlone_1920 = 1. IF DOCPRIVATE = 2 TimeAlone_1920 = 2. IF DOCPRIVATE = 99 or S4Q01 =99 TimeAlone_1920 = 99. IF S4Q01 = 2 TimeAlone_1920 = 2. IF SC_AGE_YEARS &lt; 12 TimeAlone_1920 = 90. VARIABLE LABELS TimeAlone_1920 "Children who had time alone with health care provider at last medical care visit, age 12-17 years". VALUE LABELS TimeAlone_1920 1 "Yes" </pre>	

```

2 "No or did not have medical care visit in the past 12 months"
99 "Missing"
90 "Children age 0-11 years".
MISSING VALUES TimeAlone_1920().
FORMATS TimeAlone_1920(f2.0).
EXECUTE.

```

\*Transition Part B: Active work with child\*

```

COMPUTE ActiveWork_1920 = 2.
IF CHANGEAGE = 1 or GAINSKILLS = 1 ActiveWork_1920 = 1.
IF (CHANGEAGE = 3 or CHANGEAGE = 99) and (GAINSKILLS =3 or GAINSKILLS = 99) ActiveWork_1920
= 99.
IF SC_AGE_YEARS < 12 ActiveWork_1920 = 90.
VARIABLE LABELS ActiveWork_1920 "Provider worked with child to gain skills to manage
health/health care or understand health care changes at age 18, age 12-17 years".
VALUE LABELS ActiveWork_1920
1 "Yes"
2 "No"
99 "Missing/Don't know"
90 "Children age 0-11 years".
MISSING VALUES ActiveWork_1920().
FORMATS ActiveWork_1920(f2.0).
EXECUTE.

```

\*Transition Part C: Anticipatory guidance\*

```

COMPUTE TrtAdult_1920 = 999.
IF TREATCHILD = 1 and TREATADULT = 1 TrtAdult_1920 = 1.
IF TREATCHILD = 1 and TREATADULT = 2 TrtAdult_1920 = 2.
IF TREATCHILD = 99 or TREATADULT = 99 TrtAdult_1920 = 99.
IF TREATCHILD = 2 TrtAdult_1920 = 95.
IF SC_AGE_YEARS < 12 TrtAdult_1920 = 90.
VARIABLE LABELS TrtAdult_1920 "Provider discussed shift to adult health care providers if needed,
age 12-17 years".
VALUE LABELS TrtAdult_1920
1 "Yes"
2 "No"
95 "Discussion not needed or sees provider who can transition"
99 "Missing"
90 "Children age 0-11 years".
MISSING VALUES TrtAdult_1920(95,99,90).
FORMATS TrtAdult_1920(f2.0).
EXECUTE.

```

MISSING VALUES TimeAlone\_1920 ActiveWork\_1920 TrtAdult\_1920().

COMPUTE Transition\_1920 = 999.

```
IF (TimeAlone_1920 = 1 or TimeAlone_1920 =99) or (ActiveWork_1920 = 1 or ActiveWork_1920 =99)
or (TrtAdult_1920 = 1 or TrtAdult_1920=95 or TrtAdult_1920=99) Transition_1920 = 1.
IF TimeAlone_1920 = 2 or ActiveWork_1920 = 2 or TrtAdult_1920 = 2 Transition_1920 = 2.
IF TimeAlone_1920 = 99 and ActiveWork_1920 = 99 and TrtAdult_1920 = 99 Transition_1920 = 99.
IF SC_AGE_YEARS < 12 Transition_1920 = 90.
VARIABLE LABELS Transition_1920 "Indicator 4.15: Youth received necessary services for transition
to adulthood, age 12-17 years".
VALUE LABELS Transition_1920
1 "Yes"
2 "No"
99 "Missing to all"
90 "Children age 0-11 years".
MISSING VALUES Transition_1920(90,99).
FORMATS Transition_1920(f2.0).
EXECUTE.
```

<b>Indicator 4.17</b>	<b>Systems of care (SystCare2_1920)</b>
<b>Description</b>	Does this child receive care in a well-functioning system?
<b>Survey Items Used</b>	Over 50 different survey questions are used to construct this measure
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
<p>There are five age-relevant core measures for CSHCN age 0-11 years, and six age-relevant core measures for CSHCN age 12-17 years. Those five measures for CSHCN age 0-11 years include: the family feels like a partner in their child's care, child has a medical home, child receives medical and dental preventive care, child has adequate insurance, and child has no unmet need or barriers to access services. For adolescents age 12-17 years, preparation for transition to adult health care is included in addition to the five measures for younger children. If a child has at least one valid positive response to any of these measures and the remainder of the components were missing or legitimately skipped, this child was categorized as receiving care in a well-functioning system in the scoring of this measure. Respondents with "missing" to all items were set to missing.</p>	
<b>Revisions and Changes</b>	
<p>Though there were changes to a few items which are used to score this measure since 2016, the overall concept of "system of care" and how it is measured in the survey did not change. For more information about the changes, <a href="#">click here</a>.</p>	
<b>SPSS Syntax and Annotation</b>	
<pre>***Current Health Insurance  COMPUTE CurrIns_1920 = CURREINS. VARIABLE LABELS CurrIns_1920 "Indicator 3.1: Current health insurance status at time of survey". VALUE LABELS CurrIns_1920 1 "Currently insured" 2 "Currently uninsured" 99 "Missing". MISSING VALUES CurrIns_1920(99). FORMATS CurrIns_1920(f4.0). EXECUTE.  *** Consistency of Insurance Coverage  COMPUTE InsGap_1920 = 999. IF INSGAP = 1 InsGap_1920 = 1. IF INSGAP = 2 or INSGAP = 3 InsGap_1920 = 2.</pre>	

```

IF CURRINS = 2 InsGap_1920 = 2.
IF INSGAP = 99 InsGap_1920 = 99.
VARIABLE LABELS InsGap_1920 "Indicator 3.2: Children who had consistent health insurance
coverage during the past 12 months".
VALUE LABELS InsGap_1920
1 "Consistently insured throughout the past year"
2 "Currently uninsured or had periods without coverage"
99 "Missing".
MISSING VALUES InsGap_1920(99).
FORMATS InsGap_1920(f4.0).
EXECUTE.

```

#### \*\*\*Adequacy of Current Insurance

```

RECODE K3Q20
(1=1) (2=2) (3 thru 4=3) (99=99) into benefits_1920.
IF CURRINS = 99 benefits_1920=99.
IF CURRINS = 2 benefits_1920=95.
VARIABLE LABELS benefits_1920 "Current insurance benefits meets child's health needs".
VALUE LABELS benefits_1920
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing"
95 "Uninsured".
MISSING VALUES benefits_1920 (95,99).
FORMATS benefits_1920 (f3.0).
EXECUTE.

```

```

RECODE K3Q22
(1=1) (2=2) (3 thru 4=3) (99=99) into allows_1920.
IF CURRINS = 99 allows_1920 = 99.
IF CURRINS = 2 allows_1920=95.
VARIABLE LABELS allows_1920 "Current insurance coverage allows child to see needed providers".
VALUE LABELS allows_1920
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing"
95 "Uninsured".
MISSING VALUES allows_1920 (95,99).
FORMATS allows_1920 (f3.0).
EXECUTE.

```

```

COMPUTE expense_1920 = 999.
IF K3Q21B = 1 expense_1920 = 1.
IF K3Q21B = 2 expense_1920 = 2.
IF (K3Q21B = 3 or K3Q21B = 4) expense_1920 = 3.
IF K3Q21B = 99 expense_1920=99.
IF HOWMUCH = 1 expense_1920 = 0.
IF CURRINS = 99 expense_1920 = 99.
IF CURRINS = 2 expense_1920=95.
VARIABLE LABELS expense_1920 "Current insurance out-of-pocket costs are reasonable".
VALUE LABELS expense_1920
0 'No out of pocket expenses'
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing"
95 "Uninsured".
MISSING VALUES expense_1920 (95,99).
FORMATS expense_1920 (f3.0).

```

MISSING VALUES benefits\_1920 allows\_1920 expense\_1920 ().

```

COMPUTE InsAdeq_1920=999.
IF (benefits_1920 = 1 or benefits_1920 = 2 or benefits_1920 = 99) and (allows_1920 = 1 or
allows_1920 = 2 or allows_1920 = 99) and (expense_1920 = 1 or expense_1920 =2 or expense_1920
= 99) InsAdeq_1920 = 1.
IF expense_1920 = 0 InsAdeq_1920 = 1.
IF benefits_1920 = 3 or allows_1920 = 3 or expense_1920 = 3 InsAdeq_1920 = 2.
IF benefits_1920 = 99 and allows_1920 = 99 and expense_1920 = 99 InsAdeq_1920 = 99.
IF CURRINS = 2 InsAdeq_1920 = 95.
VARIABLE LABELS InsAdeq_1920 "Indicator 3.4: Adequacy of current insurance coverage".
VALUE LABELS InsAdeq_1920
1 "Current insurance is adequate"
2 "Current insurance is not adequate"
99 "Missing to all questions"
95 "Uninsured".
MISSING VALUES InsAdeq_1920(95,99).
FORMATS InsAdeq_1920(f4.0).
EXECUTE.
***Adequate and Continuous Insurance

```

```

COMPUTE insurance_1920 = 1.
IF (InsGap_1920 = 1 or InsGap_1920 = 99) and (InsAdeq_1920 = 1 or InsAdeq_1920 =99)
insurance_1920 = 1.

```

```

IF CurrIns_1920 = 2 or InsGap_1920 = 2 or InsAdeq_1920 = 2 insurance_1920 = 2.
IF InsGap_1920 = 99 and InsAdeq_1920 = 99 insurance_1920 = 99.
VARIABLE LABELS insurance_1920 "Indicator 3.4a: Adequate and continuous insurance".
VALUE LABELS insurance_1920
1 "Current insurance is adequate and continuously insured in past year"
2 "Current insurance is inadequate and/or had gap in insurance coverage in past year"
99 "Missing to both".
MISSING VALUES insurance_1920 ()�.
FORMATS insurance_1920 (f2.0).

MISSING VALUES CurrIns_1920 InsGap_19(99).
MISSING VALUES InsAdeq_1920(95,99).

**Received both medical and dental preventive care

MISSING VALUES PrevMed_1920 PrevDent_1920()�.

COMPUTE MedDentSyst_1920 = 999.
IF (K4Q20R =2 or K4Q20R =3 or K4Q20R = 99) and (PrevDent_1920=1 or PrevDent_1920=95 or
PrevDent_1920=99) MedDentSyst_1920 = 1.
IF (S4Q01 =2 or K4Q20R = 1) or PrevDent_1920 = 2 MedDentSyst_1920 = 2.
IF S4Q01 = 99 and PrevDent_1920=1 MedDentSyst_1920 = 1.
IF (S4Q01 =99 or K4Q20R = 99) and (PrevDent_1920 = 99 or PrevDent_1920=95) MedDentSyst_1920
= 99.
VARIABLE LABELS MedDentSyst_1920 "Children received both preventive medical and dental care
visits in past 12 months ".
VALUE LABELS MedDentSyst_1920
1 "Received preventive medical and dental care"
2 "Did not receive preventive medical and dental care"
99 "Missing to both".

MISSING VALUES PrevMed_1920(99).
MISSING VALUES PrevDent_1920(95,99).

**Forgone care and frustrated receiving care

COMPUTE UnmetFrust_1920 = 999.
IF (K4Q27 = 2 or K4Q27 =99) and (C4Q04 = 1 or C4Q04 = 2 or C4Q04 =99) UnmetFrust_1920 = 1.
IF K4Q27 = 1 or (C4Q04 = 3 or C4Q04 = 4) UnmetFrust_1920 = 2.
IF K4Q27 = 99 and C4Q04 = 99 UnmetFrust_1920 = 99.
VARIABLE LABELS UnmetFrust_1920 "Children whose parents had difficulties in accessing care and
always or usually frustrated in effort getting services for their children".
VALUE LABELS UnmetFrust_1920
1 "No unmet need and frustration"
2 "Experienced unmet need and frustration (usually/always frustrated)"
99 "Missing".

**Medical home

```

```

COMPUTE PerDrNs_1920 = 999.
IF K4Q04_R = 1 or K4Q04_R = 2 PerDrNs_1920 = 1.
IF K4Q04_R = 3 PerDrNs_1920 = 2.
IF K4Q04_R=99 PerDrNs_1920 = 99.
VARIABLE LABELS PerDrNs_1920 "Indicator 4.12a: Medical Home Component: Children with a
personal doctor or nurse".
VALUE LABELS PerDrNs_1920
1 "Have at least one personal doctor or nurse"
2 "Do not have a personal doctor or nurse"
99 "Missing".
MISSING VALUES PerDrNs_1920(99).
FORMATS PerDrNs_1920(f4.0).

COMPUTE UsualSck_1920 = 999.
IF K4Q01 = 1 and (K4Q02_R=1 or K4Q02_R=3 or K4Q02_R=4 or K4Q02_R=5 or K4Q02_R=6 or
K4Q02_R=7) UsualSck_1920 = 1.
IF K4Q01 = 2 or K4Q02_R = 2 UsualSck_1920 = 2.
IF K4Q01=99 or K4Q02_R=99 UsualSck_1920 = 99.
VARIABLE LABELS UsualSck_1920 "Indicator 4.12b: Medical Home Component: Usual source for sick
care".
VALUE LABELS UsualSck_1920
1 "One or more"
2 "None"
99 "Missing".
MISSING VALUES UsualSck_1920(99).

COMPUTE time_1920 = 999.
IF S4Q01 = 2 time_1920 = 0.
IF K5Q40 = 3 or K5Q40 = 4 time_1920 = 3.
IF K5Q40 = 2 time_1920 = 2.
IF K5Q40 = 1 time_1920 = 1.
IF K5Q40 = 99 time_1920 = 99.
VARIABLE LABELS time_1920 "Doctors spent enough time with children".
VALUE LABELS time_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES time_1920(99).

COMPUTE listen_1920 = 999.
IF S4Q01 = 2 listen_1920 = 0.
IF K5Q41 =3 or K5Q41 = 4 listen_1920 = 3.
IF K5Q41 = 2 listen_1920 = 2.
IF K5Q41 = 1 listen_1920 = 1.
IF K5Q41 = 99 listen_1920 = 99.

```

```

VARIABLE LABELS listen_1920 "Doctors listened carefully to children's parents".
VALUE LABELS listen_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES listen_1920(99).

COMPUTE sensitiv_1920 = 999.
IF S4Q01 = 2 sensitiv_1920 = 0.
IF K5Q42 = 3 or K5Q42 = 4 sensitiv_1920 = 3.
IF K5Q42 = 2 sensitiv_1920 = 2.
IF K5Q42 = 1 sensitiv_1920 = 1.
IF K5Q42 = 99 sensitiv_1920 = 99.
VARIABLE LABELS sensitiv_1920 "Doctors showed sensitivity to children's family's values and customs".
VALUE LABELS sensitiv_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES sensitiv_1920(99).

COMPUTE info_1920 = 999.
IF S4Q01 = 2 info_1920 = 0.
IF K5Q43 = 3 or K5Q43 = 4 info_1920 = 3.
IF K5Q43 = 2 info_1920 = 2.
IF K5Q43 = 1 info_1920 = 1.
IF K5Q43 = 99 info_1920 = 99.
VARIABLE LABELS info_1920 "Doctors provided information specific to parents' concerns".
VALUE LABELS info_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES info_1920(99).

COMPUTE partner_1920 = 999.
IF S4Q01 = 2 partner_1920 = 0.
IF K5Q44 = 3 or K5Q44 = 4 partner_1920 = 3.
IF K5Q44 = 2 partner_1920 = 2.
IF K5Q44 = 1 partner_1920 = 1.
IF K5Q44 = 99 partner_1920 = 99.
VARIABLE LABELS partner_1920 "Doctors helped parents to feel like partners in child's care".
VALUE LABELS partner_1920

```

0 "Did not have a health care visit in the past 12 months"  
 1 "Always"  
 2 "Usually"  
 3 "Sometimes or never"  
 99 "Missing".  
 MISSING VALUES partner\_1920(99).

MISSING VALUES time\_1920 listen\_1920 sensitiv\_1920 info\_1920 partner\_1920().

COMPUTE FamCent\_1920 = 999.  
 IF (time\_1920 = 3 or time\_1920=99) or (listen\_1920 = 3 or listen\_1920 =99) or (sensitiv\_1920 = 3 or sensitiv\_1920=99) or (info\_1920 = 3 or info\_1920=99) or (partner\_1920 = 3 or partner\_1920=99) FamCent\_1920 = 2.  
 IF (time\_1920=1 or time\_1920=2 or time\_1920=99) and (listen\_1920=1 or listen\_1920=2 or listen\_1920=99) and (sensitiv\_1920=1 or sensitiv\_1920=2 or sensitiv\_1920=99) and (info\_1920=1 or info\_1920=2 or info\_1920=99) and (partner\_1920=1 or partner\_1920=2 or partner\_1920=99) FamCent\_1920 = 1.  
 IF time\_1920 = 0 FamCent\_1920 = 0.  
 IF time\_1920 = 99 and listen\_1920 = 99 and sensitiv\_1920 = 99 and info\_1920 = 99 and partner\_1920 = 99 FamCent\_1920 = 99.  
 VARIABLE LABELS FamCent\_1920 "Indicator 4.12c: Medical Home Component: Children who received family-centered care".  
 VALUE LABELS FamCent\_1920  
 0 "Did not have health care visit in the past 12 months"  
 1 "Yes"  
 2 "No"  
 99 "Missing to all".  
 MISSING VALUES FamCent\_1920(0,99).

COMPUTE NoRefPrb\_1920 = K5Q11.  
 IF K5Q10=99 NoRefPrb\_1920 = 99.  
 IF K5Q10 = 2 NoRefPrb\_1920 = 0.  
 VARIABLE LABELS NoRefPrb\_1920 "Indicator 4.12d: Medical Home Component: Difficulties getting referrals to see any doctors or receive any services".  
 VALUE LABELS NoRefPrb\_1920  
 0 "Did not need referrals during the past 12 months"  
 1 "Did not have difficulty getting referral, when needed"  
 2 "Somewhat difficult to get referrals, when needed"  
 3 "Very difficult to get referrals, when needed"  
 4 "It was not possible to get a referral, when needed"  
 99 "Missing".  
 MISSING VALUES NoRefPrb\_1920(99).

COMPUTE DrComm\_1920 = 999.  
 IF K5Q30 = 1 DrComm\_1920 = 1.  
 IF K5Q30 = 2 DrComm\_1920 = 2.  
 IF K5Q30 = 3 or K5Q30 = 4 DrComm\_1920 = 3.  
 IF K5Q30 = 99 DrComm\_1920 = 99.

```

IF K5Q20_R = 3 or S4Q01 = 2 DrComm_1920 = 0.
VARIABLE LABELS DrComm_1920 "Satisfaction with communication among child's doctor and other
health care provider".
VALUE LABELS DrComm_1920
0 "Did not see more than one health care provider"
1 "Very satisfied"
2 "Somewhat satisfied"
3 "Somewhat dissatisfied/Very dissatisfied"
99 "Missing".
MISSING VALUES DrComm_1920().

COMPUTE CareHelp_1920 = 999.
IF K5Q22 = 1 CareHelp_1920 = 1.
IF K5Q20_R = 1 and K5Q21 = 2 CareHelp_1920 = 1.
IF K5Q22 = 2 or K5Q22 = 3 CareHelp_1920 = 2.
IF K5Q21 = 99 or K5Q22 = 99 CareHelp_1920 = 99.
IF K5Q20_R = 99 CareHelp_1920 = 99.
IF K5Q20_R = 3 or S4Q01 = 2 CareHelp_1920 = 0.
IF K5Q20_R = 2 and K5Q21 = 2 CareHelp_1920 = 0.
IF S4Q01 = 99 CareHelp_1920 = 99.
VARIABLE LABELS CareHelp_1920 "Got all needed extra help with care coordination when needed".
VALUE LABELS CareHelp_1920
0 "Did not see more than one health care provider or did not get or need extra help"
2 "Needed extra help/did not get it"
1 "Got help with care coor and/or extra help when needed"
99 "Missing".

COMPUTE OthComm_1920 = 999.
IF S4Q01 = 2 or K5Q31_R = 2 or K5Q31_R = 3 OthComm_1920 = 0.
IF K5Q32 = 1 OthComm_1920 = 1.
IF K5Q32 = 2 or K5Q32 = 3 or K5Q32 = 4 OthComm_1920 = 2.
IF K5Q32 = 99 OthComm_1920 = 99.
IF K5Q31_R = 99 OthComm_1920 = 99.
VARIABLE LABELS OthComm_1920 "Satisfaction with communication among child's doctors and
school, child care provider, or special education program".
VALUE LABELS OthComm_1920
0 "No communication needed or did not have health care visit in the past 12 months"
1 "Very satisfied"
2 "Less than very satisfied"
99 "Missing to either item".

MISSING VALUES CareHelp_1920 DrComm_1920 OthComm_1920().

COMPUTE CareCoor_1920 = 999.
IF (CareHelp_1920 = 2 or CareHelp_1920=99) or (DrComm_1920 = 2 or DrComm_1920 = 3 or
DrComm_1920=99) or (OthComm_1920 = 2 or OthComm_1920=99) CareCoor_1920 = 2.

```

```

IF (CareHelp_1920 = 0 or CareHelp_1920 = 1 or CareHelp_1920=99) and (DrComm_1920=0 or
DrComm_1920 =1 or DrComm_1920=99) and (OthComm_1920 = 0 or OthComm_1920 = 1 or
OthComm_1920=99) CareCoor_1920 = 1.
IF (CareHelp_1920 = 0 or CareHelp_1920=99) and (DrComm_1920 = 0 or DrComm_1920=99) and
(OthComm_1920 = 0 or OthComm_1920 = 99) CareCoor_1920 = 0.
IF CareHelp_1920 = 99 and DrComm_1920 = 99 and OthComm_1920 = 99 CareCoor_1920 = 99.
VARIABLE LABELS CareCoor_1920 "Indicator 4.12e: Medical Home Component: Effective care
coordination, all children".
VALUE LABELS CareCoor_1920
0 "Did not need care coordination"
1 "Received needed care coordination"
2 "Did not receive needed care coordination"
99 "Missing to all".
MISSING VALUES CareCoor_1920(99).

MISSING VALUES PerDrNs_1920 UsualSck_1920 FamCent_1920 NoRefPrb_1920 CareCoor_1920().

COMPUTE MedHome_1920 = 999.
IF (PerDrNs_1920 = 1 or PerDrNs_1920=99) and (UsualSck_1920 = 1 or UsualSck_1920=99) and
(NoRefPrb_1920=1 or NoRefPrb_1920 =0 or NoRefPrb_1920=99) and
(FamCent_1920=1 or FamCent_1920=0 or FamCent_1920=99) and (CareCoor_1920=1 or
CareCoor_1920=0 or CareCoor_1920=99) MedHome_1920 = 1.
IF PerDrNs_1920 = 2 or UsualSck_1920 = 2 or (NoRefPrb_1920 = 2 or NoRefPrb_1920=3 or
NoRefPrb_1920=4) or FamCent_1920 = 2 or CareCoor_1920 = 2 MedHome_1920 = 2.
IF PerDrNs_1920 = 99 and UsualSck_1920 = 99 and (FamCent_1920 = 99 or FamCent_1920 = 0) and
(NoRefPrb_1920 = 99 or NoRefPrb_1920=0) and (CareCoor_1920 = 99 or CareCoor_1920 = 0)
MedHome_1920 = 99.
VARIABLE LABELS MedHome_1920 "Indicator 4.12: Children receiving coordinated, ongoing,
comprehensive care within a medical home".
VALUE LABELS MedHome_1920
1 "Care meets medical home criteria"
2 "Care does not meet medical home criteria"
99 "Missing to all".
MISSING VALUES MedHome_1920(99).

MISSING VALUES time_1920 listen_1920 sensitiv_1920 info_1920 partner_1920(0,99).
MISSING VALUES CareHelp_1920 DrComm_1920(99).
MISSING VALUES PerDrNs_1920 UsualSck_1920 CareCoor_1920 NoRefPrb_1920(99).
MISSING VALUES FamCent_1920(0,99).

**Shared decision making

COMPUTE DiscussOpt_1920 = 999.
IF DECISIONS = 2 DiscussOpt_1920 = 0.
IF DISCUSSOPT = 1 DiscussOpt_1920 = 1.
IF DISCUSSOPT = 2 DiscussOpt_1920 = 2.
IF DISCUSSOPT = 3 or DISCUSSOPT = 4 DiscussOpt_1920 = 3.

```

```

IF DISCUSSOPT = 99 DiscussOpt_1920 = 99.
IF S4Q01=2 DiscussOpt_1920 = 95.
VARIABLE LABELS DiscussOpt_1920 "Doctors discussed range of health care/treatment options".
VALUE LABELS DiscussOpt_1920
0 "No decisions needed"
1 "Always"
2 "Usually"
3 "Never/Sometimes"
99 "Missing"
95 "Did not have a health care visit".
MISSING VALUES DiscussOpt_1920(0,95,99).
FORMATS DiscussOpt_1920(f2.0).
EXECUTE.

COMPUTE RaiseConc_1920 = 999.
IF DECISIONS = 2 RaiseConc_1920 = 0.
IF RAISECONC = 1 RaiseConc_1920 = 1.
IF RAISECONC = 2 RaiseConc_1920 = 2.
IF RAISECONC = 3 or RAISECONC = 4 RaiseConc_1920 = 3.
IF RAISECONC = 99 RaiseConc_1920 = 99.
IF S4Q01 = 2 RaiseConc_1920 = 95.
VARIABLE LABELS RaiseConc_1920 "Doctors made it easy for parents to raise concerns or disagree with recommendations".
VALUE LABELS RaiseConc_1920
0 "No decisions needed"
1 "Always"
2 "Usually"
3 "Never/Sometimes"
99 "Missing"
95 "Did not have a health care visit".
MISSING VALUES RaiseConc_1920(0,95,99).
FORMATS RaiseConc_1920(f2.0).
EXECUTE.

COMPUTE BestChoice_1920 = 999.
IF DECISIONS = 2 BestChoice_1920 = 0.
IF BESTFORCHILD=1 BestChoice_1920 = 1.
IF BESTFORCHILD=2 BestChoice_1920 = 2.
IF BESTFORCHILD=3 or BESTFORCHILD=4 BestChoice_1920 = 3.
IF BESTFORCHILD = 99 BestChoice_1920 = 99.
IF S4Q01 = 2 BestChoice_1920 = 95.
VARIABLE LABELS BestChoice_1920 "Doctors worked with parents to decide together health care/treatment options".
VALUE LABELS BestChoice_1920
0 "No decisions needed"
1 "Always"
2 "Usually"
3 "Never/Sometimes"

```

```

99 "Missing"
95 "Did not have a health care visit".
MISSING VALUES BestChoice_1920(0,95,99).
FORMATS BestChoice_1920(f2.0).
EXECUTE.

MISSING VALUES DiscussOpt_1920 RaiseConc_1920 BestChoice_1920().

COMPUTE ShareDec_1920 = 999.
IF (DiscussOpt_1920 = 3 or DiscussOpt_1920=99) or (RaiseConc_1920 = 3 or RaiseConc_1920=99) or
(BestChoice_1920 = 3 or BestChoice_1920 = 99) ShareDec_1920 = 2.
IF (DiscussOpt_1920 = 1 or DiscussOpt_1920= 2 or DiscussOpt_1920=99) and (RaiseConc_1920 = 1 or
RaiseConc_1920 = 2 or RaiseConc_1920=99) and
(BestChoice_1920 = 1 or BestChoice_1920 = 2 or BestChoice_1920=99) ShareDec_1920 = 1.
IF DiscussOpt_1920 = 99 and RaiseConc_1920 = 99 and BestChoice_1920 = 99 ShareDec_1920 = 99.
IF DECISIONS = 2 or S4Q01=2 ShareDec_1920 = 0.
VARIABLE LABELS ShareDec_1920 "Indicator 4.14: Children whose families are partners in shared
decision-making for their optimal health".
VALUE LABELS ShareDec_1920
0 "No decisions needed/Did not have a health care visit during the past 12 months"
1 "Families usually or always feel that they are partners in decision making"
2 "Families never/sometimes feel that they are partners in decision making"
99 "Missing".
MISSING VALUES ShareDec_1920(95,99).
FORMATS ShareDec_1920(f2.0).
EXECUTE.

**Transition to adulthood health services

COMPUTE TimeAlone_1920 = 999.
IF DOCPRIVATE = 1 TimeAlone_1920 = 1.
IF DOCPRIVATE = 2 TimeAlone_1920 = 2.
IF DOCPRIVATE = 99 or S4Q01 =99 TimeAlone_1920 = 99.
IF S4Q01 = 2 TimeAlone_1920 = 2.
IF SC_AGE_YEARS < 12 TimeAlone_1920 = 90.
VARIABLE LABELS TimeAlone_1920 "Children who had time alone with health care provider at last
medical care visit, age 12-17 years".
VALUE LABELS TimeAlone_1920
1 "Had time alone with provider"
2 "Did not have time alone with provider/Did not have medical care visit in the past 12 months"
99 "Missing"
90 "Children age 0-11 years".
MISSING VALUES TimeAlone_1920().
FORMATS TimeAlone_1920(f2.0).
EXECUTE.

COMPUTE ActiveWork_1920 = 2.
IF CHANGEAGE = 1 or GAINSKILLS = 1 ActiveWork_1920 = 1.

```

```
IF (CHANGEAGE = 3 or CHANGEAGE = 99) and (GAINSKILLS =3 or GAINSKILLS = 99) ActiveWork_1920
= 99.
```

```
IF SC_AGE_YEARS < 12 ActiveWork_1920 = 90.
```

```
VARIABLE LABELS ActiveWork_1920 "Provider worked with child to gain skills to manage
health/health care or understand health care changes at age 18, age 12-17 years".
```

```
VALUE LABELS ActiveWork_1920
```

```
1 "Met the criteria"
```

```
2 "Did not met criteria"
```

```
99 "Missing/Don't know"
```

```
90 "Children age 0-11 years".
```

```
MISSING VALUES ActiveWork_1920().
```

```
FORMATS ActiveWork_1920(f2.0).
```

```
EXECUTE.
```

```
COMPUTE TrtAdult_1920 = 999.
```

```
IF TREATCHILD = 1 and TREATADULT = 1 TrtAdult_1920 = 1.
```

```
IF TREATCHILD = 1 and TREATADULT = 2 TrtAdult_1920 = 2.
```

```
IF TREATCHILD = 99 or TREATADULT = 99 TrtAdult_1920 = 99.
```

```
IF TREATCHILD = 2 TrtAdult_1920 = 95.
```

```
IF SC_AGE_YEARS < 12 TrtAdult_1920 = 90.
```

```
VARIABLE LABELS TrtAdult_1920 "Provider discussed shift to adult health care providers if needed,
age 12-17 years".
```

```
VALUE LABELS TrtAdult_1920
```

```
1 "Yes"
```

```
2 "No"
```

```
95 "Discussion not needed or sees provider who can transition"
```

```
99 "Missing"
```

```
90 "Children age 0-11 years".
```

```
MISSING VALUES TrtAdult_1920(95,99,90).
```

```
FORMATS TrtAdult_1920(f2.0).
```

```
EXECUTE.
```

```
MISSING VALUES TimeAlone_1920 ActiveWork_1920 TrtAdult_1920().
```

```
COMPUTE Transition_1920 = 999.
```

```
IF (TimeAlone_1920 = 1 or TimeAlone_1920 =99) or (ActiveWork_1920 = 1 or ActiveWork_1920 =99)
or (TrtAdult_1920 = 1 or TrtAdult_1920=95 or TrtAdult_1920=99) Transition_1920 = 1.
```

```
IF TimeAlone_1920 = 2 or ActiveWork_1920 = 2 or TrtAdult_1920 = 2 Transition_1920 = 2.
```

```
IF TimeAlone_1920 = 99 and ActiveWork_1920 = 99 and TrtAdult_1920 = 99 Transition_1920 = 99.
```

```
IF SC_AGE_YEARS < 12 Transition_1920 = 90.
```

```
VARIABLE LABELS Transition_1920 "Indicator 4.15: Adolescents who received services necessary to
make planning transitions to adult health care".
```

```
VALUE LABELS Transition_1920
```

```
1 "Received services necessary for transition to adult health care"
```

```
2 "Did not receive services necessary for transition to adult health care"
```

```
99 "Missing to all"
```

```
90 "Children age 0-11 years".
```

```
MISSING VALUES Transition_1920(90,99).
```

FORMATS Transition\_1920(f2.0).

EXECUTE.

**\*\*Systems of care\*\***

COMPUTE sys0to11care2\_1920 = 999.

IF (ShareDec\_1920 = 0 or ShareDec\_1920 = 1 or ShareDec\_1920=99) and (MedHome\_1920 = 1 or MedHome\_1920 = 99) and (Insurance\_1920 = 1 or Insurance\_1920 = 99)  
and (MedDentSyst\_1920 = 1 or MedDentSyst\_1920=99) and (UnmetFrust\_1920 = 1 or UnmetFrust\_1920=99) sys0to11care2\_1920 = 1.

IF ShareDec\_1920=2 or MedHome\_1920 = 2 or Insurance\_1920 = 2 or MedDentSyst\_1920 = 2 or UnmetFrust\_1920 = 2 sys0to11care2\_1920 =2.

IF (ShareDec\_1920=0 or ShareDec\_1920=99) and MedHome\_1920 = 99 and Insurance\_1920 = 99 and MedDentSyst\_1920 = 99 and UnmetFrust\_1920 = 99 sys0to11care2\_1920 =99.

IF SC\_AGE\_YEARS > 11 sys0to11care2\_1920 = 95.

VARIABLE LABELS sys0to11care2\_1920 "Children ages 0-11 meeting one or more of five criteria for system of care".

VALUE LABELS sys0to11care2\_1920

1 "Received care in a well-functioning system"

2 "Did not receive care in a well-functioning system"

99 "Missing"

95 "Children age 12-17 years".

MISSING VALUES sys0to11care2\_1920(99).

EXECUTE.

COMPUTE sys12to17care2\_1920 = 999.

IF (ShareDec\_1920 = 0 or ShareDec\_1920 = 1 or ShareDec\_1920=99) and (MedHome\_1920 = 1 or MedHome\_1920 = 99) and (Insurance\_1920 = 1 or Insurance\_1920 = 99)  
and (MedDentSyst\_1920 = 1 or MedDentSyst\_1920=99) and (UnmetFrust\_1920 = 1 or UnmetFrust\_1920=99) and (Transition\_1920=1 or Transition\_1920=99) sys12to17care2\_1920 = 1.

IF ShareDec\_1920=2 or MedHome\_1920 = 2 or Insurance\_1920 = 2 or MedDentSyst\_1920 = 2 or UnmetFrust\_1920 = 2 or Transition\_1920=2 sys12to17care2\_1920 =2.

IF (ShareDec\_1920=0 or ShareDec\_1920=99) and MedHome\_1920 = 99 and Insurance\_1920 = 99 and MedDentSyst\_1920 = 99 and UnmetFrust\_1920 = 99 and (Transition\_1920=99 or Transition\_1920=90) sys12to17care2\_1920 =99.

IF SC\_AGE\_YEARS < 12 sys12to17care2\_1920 = 95.

VARIABLE LABELS sys12to17care2\_1920 "Children ages 12-17 meeting one or more of five criteria for system of care".

VALUE LABELS sys12to17care2\_1920

1 "Received care in a well-functioning system"

2 "Did not receive care in a well-functioning system"

99 "Missing"

95 "Children age 0-11 years".

MISSING VALUES sys12to17care2\_1920(99).

EXECUTE.

MISSING VALUES sys0to11care2\_1920 sys12to17care2\_1920().

```
COMPUTE SystCare2_1920=99.  
IF sys0to11care2_1920 = 1 or sys12to17care2_1920 = 1 SystCare2_1920 =1.  
IF sys0to11care2_1920 = 2 or sys12to17care2_1920 = 2 SystCare2_1920 =2.  
IF sys0to11care2_1920 = 99 and sys12to17care2_1920 = 99 SystCare2_1920 =2.  
VARIABLE LABELS SystCare2_1920 "Indicator 4.17: Percent of children received care in a well-  
functioning system".  
VALUE LABELS SystCare2_1920  
1 "Received care in a well-functioning system"  
2 "Did not receive care in a well-functioning system"  
99 "Missing".  
MISSING VALUES SystCare2_1920(99).  
EXECUTE.  
  
MISSING VALUES sys0to11care2_1920 sys12to17care2_1920(95,99).
```

Indicator 4.18	Forgone health care (ForgoneCare_1920)
<b>Description</b>	During the past 12 months, was there any time when this child needed health care but it was not received?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C23; for children 6-11 years: C23; for children 12-17 years: C24 Variable in public use data file: K4Q27
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Did not receive needed health care; Received needed health care (or did not need health care)
<b>Notes for Data-Users</b>	
This measure is based on the single item K4Q27 "During the past 12 months, was there any time when this child needed health care but it was not received? Here health care is meant to include medical care as well as other kinds of care like dental care, vision care, and mental health services.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE ForgoneCare_1920 = K4Q27. VARIABLE LABELS ForgoneCare_1920 "Indicator 4.18: Children who were not able to receive needed health care in the past year". VALUE LABELS ForgoneCare_1920 1 "Did not receive needed health care" 2 "Received needed health care (or did not need health care)" 99 "Missing". MISSING VALUES ForgoneCare_1920(99). EXECUTE.  *Specific types of unmet needs  COMPUTE ForgoneMed_1920 = 999. IF K4Q28X01 = 1 ForgoneMed_1920 = 1. IF K4Q27 = 2 or K4Q28X01 = 2 ForgoneMed_1920 = 2. IF K4Q28X01 = 99 ForgoneMed_1920 = 99. IF K4Q27 = 99 ForgoneMed_1920 = 99. VARIABLE LABELS ForgoneMed_1920 "Children who were not able to receive needed medical care during the past 12 months". VALUE LABELS ForgoneMed_1920 1 "Did not receive needed medical care" 2 "Received needed medical care (or did not need medical care)"</pre>	

99 "Missing".  
 MISSING VALUES ForgoneMed\_1920(99).  
 FORMATS ForgoneMed\_1920(f4.0).

COMPUTE ForgoneDent\_1920 = 999.  
 IF K4Q28X02 = 1 ForgoneDent\_1920 = 1.  
 IF K4Q27 = 2 or K4Q28X02 = 2 ForgoneDent\_1920 = 2.  
 IF K4Q28X02 =99 ForgoneDent\_1920 = 99.  
 IF K4Q27 = 99 ForgoneDent\_1920 = 99.  
 IF SC\_AGE\_YEARS < 1 ForgoneDent\_1920 = 95.  
 VARIABLE LABELS ForgoneDent\_1920 "Children who were not able to receive needed dental care during the past 12 months".  
 VALUE LABELS ForgoneDent\_1920  
 1 "Did not receive needed dental care"  
 2 "Received needed dental care (or did not need dental care)"  
 99 "Missing"  
 95 "Children age less than 1 year old".  
 MISSING VALUES ForgoneDent\_1920(95,99).  
 FORMATS ForgoneDent\_1920(f4.0).

COMPUTE ForgoneVis\_1920 = 999.  
 IF K4Q28X03 = 1 ForgoneVis\_1920 = 1.  
 IF K4Q27 = 2 or K4Q28X03 = 2 ForgoneVis\_1920 = 2.  
 IF K4Q28X03 = 99 ForgoneVis\_1920 = 99.  
 IF K4Q27 = 99 ForgoneVis\_1920 = 99.  
 VARIABLE LABELS ForgoneVis\_1920 "Children who were not able to receive needed vision care during the past 12 months".  
 VALUE LABELS ForgoneVis\_1920  
 1 "Did not receive needed vision care"  
 2 "Received needed vision care (or did not need vision care)"  
 99 "Missing".  
 MISSING VALUES ForgoneVis\_1920(99).  
 FORMATS ForgoneVis\_1920(f4.0).

COMPUTE ForgoneHear\_1920 = 999.  
 IF K4Q28X\_EAR = 1 ForgoneHear\_1920 = 1.  
 IF K4Q27 = 2 or K4Q28X\_EAR = 2 ForgoneHear\_1920 = 2.  
 IF K4Q28X\_EAR = 99 ForgoneHear\_1920 = 99.  
 IF K4Q27 = 99 ForgoneHear\_1920 = 99.  
 VARIABLE LABELS ForgoneHear\_1920 "Children who were not able to receive needed hearing care during the past 12 months".  
 VALUE LABELS ForgoneHear\_1920  
 1 "Did not receive needed hearing care"

2 "Received needed hearing care (or did not need hearing care)"  
 99 "Missing".  
 MISSING VALUES ForgoneHear\_1920(99).  
 FORMATS ForgoneHear\_1920(f4.0).

COMPUTE ForgoneMH\_1920 = 999.  
 IF K4Q28X04 = 1 ForgoneMH\_1920 = 1.  
 IF K4Q27 = 2 or K4Q28X04 = 2 ForgoneMH\_1920 = 2.  
 IF K4Q28X04 = 99 ForgoneMH\_1920 = 99.  
 IF K4Q27 = 99 ForgoneMH\_1920 = 99.  
 IF SC\_AGE\_YEARS < 3 ForgoneMH\_1920 = 95.  
 VARIABLE LABELS ForgoneMH\_1920 "Children who were not able to receive needed mental health services during the past 12 months, age 3-17 years".  
 VALUE LABELS ForgoneMH\_1920  
 1 "Did not receive needed mental health care"  
 2 "Received needed mental health care (or did not need mental health care)"  
 99 "Missing"  
 95 "Children age 0-2 years".  
 MISSING VALUES ForgoneMH\_1920(95,99).  
 FORMATS ForgoneMH\_1920(f4.0).  
 EXECUTE.

\*\*Reasons for forgone health care

COMPUTE ineligible\_1920 = NOTELIG.  
 IF K4Q27 = 2 ineligible\_1920 = 95.  
 IF K4Q27 = 99 ineligible\_1920 = 99.  
 VARIABLE LABELS ineligible\_1920 "Children who were not able to receive needed health care because child was not eligible".  
 VALUE LABELS ineligible\_1920  
 1 "Experienced this difficulty"  
 2 "Did not experience this difficulty"  
 95 "Received needed health care (or did not need health care)"  
 99 "Missing".  
 MISSING VALUES ineligible\_1920(95,99).  
 EXECUTE.

COMPUTE unavailable\_1920 = AVAILABLE.  
 IF K4Q27 = 2 unavailable\_1920 = 95.  
 IF K4Q27 = 99 unavailable\_1920 = 99.  
 VARIABLE LABELS unavailable\_1920 "Children who were not able to receive needed health care because the service this child needed was not available in their area".  
 VALUE LABELS unavailable\_1920  
 1 "Experienced this difficulty"  
 2 "Did not experience this difficulty"  
 95 "Received needed health care (or did not need health care)"  
 99 "Missing".  
 MISSING VALUES unavailable\_1920(95,99).

```

COMPUTE appointment_1920 = APPOINTMENT.
IF K4Q27 = 2 appointment_1920 = 95.
IF K4Q27 = 99 appointment_1920 = 99.
VARIABLE LABELS appointment_1920 "Children who were not able to receive needed health care
because there were problems getting an appointment".
VALUE LABELS appointment_1920
1 "Experienced this difficulty"
2 "Did not experience this difficulty"
95 "Received needed health care (or did not need health care)"
99 "Missing".
MISSING VALUES appointment_1920(95,99).

COMPUTE transport_1920 = TRANSPORTCC.
IF K4Q27 = 2 transport_1920 = 95.
IF K4Q27 = 99 transport_1920 = 99.
VARIABLE LABELS transport_1920 "Children who were not able to receive needed health care
because there were problems with getting transportation or child care".
VALUE LABELS transport_1920
1 "Experienced this difficulty"
2 "Did not experience this difficulty"
95 "Received needed health care (or did not need health care)"
99 "Missing".
MISSING VALUES transport_1920(99).

COMPUTE NotOpen_1920 = NOTOPEN.
IF K4Q27 = 2 NotOpen_1920 = 95.
IF K4Q27 = 99 NotOpen_1920 = 99.
VARIABLE LABELS NotOpen_1920 "Children who were not able to receive needed health care
because the office was not open when the child needed care".
VALUE LABELS NotOpen_1920
1 "Experienced this difficulty"
2 "Did not experience this difficulty"
95 "Received needed health care (or did not need health care)"
99 "Missing".
MISSING VALUES NotOpen_1920(99).

COMPUTE CostIssue_1920 = ISSUECOST.
IF K4Q27 = 2 CostIssue_1920 = 95.
IF K4Q27 = 99 CostIssue_1920 = 99.
VARIABLE LABELS CostIssue_1920 "Children who were not able to receive needed health care due to
cost".
VALUE LABELS CostIssue_1920
1 "Experienced this difficulty"
2 "Did not experience this difficulty"
95 "Received needed health care (or did not need health care)"
99 "Missing".
MISSING VALUES CostIssue_1920(99).

```

Indicator 4.19	Problems paying medical bills (MedBills_1920)
Description	During the past 12 months, did your family have problems paying for any of this child's medical or health care bills?
Survey Items Used	Survey instrument item number for children 0-5 years: F1,F3; for children 6-11 years: F1,F3; for children 12-17 years: F1,F3 Variables in public use data file: HOWMUCH; K3Q25
Denominator	Children age 0-17 years
Numerator/Response Categories	No medical or health-related expenses; Yes; No
<b>Notes for Data-Users</b>	
This question was asked among respondents who had out-of-pocket costs for the child's health care during the past 12 months.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE MedBills_1920 = K3Q25. IF HOWMUCH = 1 MedBills_1920 = 0. VARIABLE LABELS MedBills_1920 "Indicator 4.19: Family had problems paying for child's medical or health care bills during the past 12 months". VALUE LABELS MedBills_1920 0 "No medical or health-related expenses" 1 "Had problems paying medical bills" 2 "Did not have problems paying medical bills" 99 "Missing". MISSING VALUES MedBills_1920(99). FORMATS MedBills_1920(f4.0). EXECUTE. </pre>	

<b>Indicator 4.20</b>	<b>Frustrated in efforts to get services (frustrated_1920)</b>
<b>Description</b>	During the past 12 months, how often were you frustrated in your efforts to get services for this child?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C26; for children 6-11 years: C26; for children 12-17 years: C27 Variable in public use data file: C4Q04
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Never; Sometimes; Always or usually
<b>Notes for Data-Users</b>	
This measure was derived from a single item.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<p>RECODE C4Q04            (3 thru 4=3) (else=copy) into frustrated_1920.            VARIABLE LABELS frustrated_1920 "Indicator 4.20: Family often frustrated in efforts to get services for their children during the past 12 months".            VALUE LABELS frustrated_1920            1 "Never frustrated"            2 "Sometimes frustrated"            3 "Usually/always frustrated"            99 "Missing".            MISSING VALUES frustrated_1920(99).            FORMATS frustrated_1920(f4.0).            EXECUTE.</p>	

***Community and School Activities***

<b>Indicator 5.1</b>	<b>Special education or early intervention plan, age 1-17 years (SpEducPln_1920)</b>
<b>Description</b>	Is this child currently receiving services under a special education or early intervention plan, age 1-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C29, C31; for children 6-11 years: C29, C31; for children 12-17 years: C30, C32 Variable in public use data file: SESCURRSVC
<b>Denominator</b>	Children age 1-17 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
<p>Families with young children (&lt;3 years old) who have disabilities could be enrolled in an early intervention program that is called an Individualized Family Service Plan or IFSP. The IFSP takes a family-based approach to prepare children to learn in school. Some children have difficulty in school because of a health problem, condition, or disability. These children may receive services from a Special Education program and have a written intervention plan called an Individualized Education Plan or IEP. Services on an IEP might include special instruction; speech language therapy; vision and hearing services; psychological services; health services; social work services; family counseling and support; transportation; or other services needed to support the child's educational performance.</p> <p>This measure was based on 2 questions. Respondents were asked whether their child has ever had a special education or early intervention plan (IFSP or IEP). If respondents answered yes, then they were asked whether the child is currently receiving services under one of these plans.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE SpEducPln_1920 = SESCURRSVC. IF K6Q15 = 2 SpEducPln_1920 = 2. IF K6Q15 = 99 SpEducPln_1920 = 99. IF SC_AGE_YEARS &lt; 1 SpEducPln_1920 = 95. VARIABLE LABELS SpEducPln_1920 "Indicator 5.1: Children currently receive a special education or early intervention plan, age 1-17 years". VALUE LABELS SpEducPln_1920 1 "Yes" 2 "No" 99 "Missing" 95 "Children under 1 year old". MISSING VALUES SpEducPln_1920(95,99). FORMATS SpEducPln_1920(f2.0). EXECUTE. </pre>	

<b>Indicator 5.1a</b>	<b>Age started special education or early intervention plan, age 1-17 years (SpEdAge_1920)</b>
<b>Description</b>	How old was this child when he or she began receiving special education or early intervention plan, age 1-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C30; for children 6-11 years: C30; for children 12-17 years: C31 Variable in public use data file: SESPLANYR
<b>Denominator</b>	Children age 1-17 years who ever received special education or early intervention plan
<b>Numerator/Response Categories</b>	At age less than 3 years old; At age 3-5 years old; At age 6-17 years old
<b>Notes for Data-Users</b>	
This question was only asked among children who ever had a special education plan or early intervention plan.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE SESPLANYR (0 thru 2=1) (3 thru 5=2) (6 thru 17=3) (99=99) into SpEdAge_1920. IF K6Q15 = 2 SpEdAge_1920 = 0. IF K6Q15 = 99 SpEdAge_1920 = 99. IF SC_AGE_YEARS&lt;1 SpEdAge_1920 = 95. VARIABLE LABELS SpEdAge_1920 "Indicator 5.1a: Age started special education or early intervention plan, age 1-17 years". VALUE LABELS SpEdAge_1920 0 "Never received the services" 1 "At age less than 3 years old" 2 "At age 3-5 years old" 3 "At age 6-17 years old" 95 "Children less than 1 year old" 99 "Missing". MISSING VALUES SpEdAge_1920(0,95,99). FORMATS SpEdAge_1920(f2.0). EXECUTE. </pre>	

Indicator 5.2	School engagement, age 6-17 years (SchEngage_1920)
Description	How often does this child engage in school: cares about doing well in school and does required homework, age 6-17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: A3d-e (2019), G10d-e (2020); for children 12-17 years: A3d-e (2019), G10d-e (2020) Variable in public use data file: K7Q82_R; K7Q83_R
Denominator	Children age 6-17 years
Numerator/Response Categories	Always engaged in school; Usually engaged in school; Sometimes or never engaged in school
<b>Notes for Data-Users</b>	
Children whose parents reported that their child "always" cares about doing well in school AND "always" does required homework are categorized as "always engaged in school." Children were categorized as "usually engaged in school" if parents responded "usually" to both questions or "always" to either question and "usually" to another question. The remaining children categorized as sometimes or never engaged in school. These questions are asked for children between 6 and 17 years of age.	
<b>Revisions and Changes</b>	
There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE cares_1920 = K7Q82_R. IF SC AGE YEARS &lt; 6 cares_1920 = 90. VARIABLE LABELS cares_1920 "Children who care about doing well in school, age 6-17 years". VALUE LABELS cares_1920 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Never" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES cares_1920(90,99). FORMATS cares_1920(f4.0). EXECUTE.  COMPUTE homework_1920 = K7Q83_R. IF SC AGE YEARS &lt; 6 homework_1920 = 90. VARIABLE LABELS homework_1920 "Children who do all required homework, age 6-17 years". VALUE LABELS homework_1920 </pre>	

```
1 "Always"  
2 "Usually"  
3 "Sometimes"  
4 "Never"  
99 "Missing"  
90 "Children age 0-5 years".  
MISSING VALUES homework_1920(90,99).  
FORMATS homework_1920(f4.0).  
EXECUTE.  
  
COMPUTE SchlEngage2_1920 = 2.  
IF K7Q82_R = 1 and K7Q83_R = 1 SchlEngage2_1920 = 1.  
IF K7Q82_R = 99 and K7Q83_R = 99 SchlEngage2_1920 = 99.  
IF SC_AGE_YEARS < 6 SchlEngage2_1920 = 90.  
VARIABLE LABELS SchlEngage2_1920 "Indicator 5.2: School engagement, age 6-17 years--  
dichotomized".  
VALUE LABELS SchlEngage2_1920  
1 "Child engaged in school (always to both items)"  
2 "Child does not engage in school"  
99 "Missing"  
90 "Children age 0-5 years".  
MISSING VALUES SchlEngage2_1920(90,99).  
FORMATS SchlEngage2_1920(f4.0).  
EXECUTE.
```

<b>Indicator 5.3</b>	<b>Repeated grades in school, age 6-17 years (ReptGrade_1920)</b>
<b>Description</b>	Since starting kindergarten, has this child repeated any grades, age 6-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 6-11 years: G3; for children 12-17 years: G3 Variable in public use data file: REPEATED
<b>Denominator</b>	Children age 6-17 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
This measure was derived based on a single item. This question is asked for all children between 6 and 17 years of age.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE ReptGrade_1920 = REPEATED. IF SC_AGE_YEARS &lt; 6 ReptGrade_1920 = 90. VARIABLE LABELS ReptGrade_1920 "Indicator 5.3: Repeated one or more grades in school, age 6-17 years". VALUE LABELS ReptGrade_1920 1 "Yes" 2 "No" 90 "Children age 0-5 years" 99 "Missing". MISSING VALUES ReptGrade_1920(90,99). FORMATS ReptGrade_1920(f2.0). EXECUTE. </pre>	

<b>Indicator 5.4</b>	Missed school days, age 6-17 years ( <b>SchlMiss_1920</b> )
<b>Description</b>	During the past 12 months, about how many days did this child miss school because of illness or injury, age 6-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 6-11 years: G1; for children 12-17 years: G1 Variable in public use data file: K7Q02R_R
<b>Denominator</b>	Children age 6-17 years
<b>Numerator/Response Categories</b>	0 days; 1 - 3 days; 4 - 6 days; 7 - 10 days; 11 or more days
<b>Notes for Data-Users</b>	
This measure was derived based on a single item. The response category "This child was not enrolled in school" was not included in the denominator.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE SchlMiss_1920 = K7Q02R_R. IF SC_AGE_YEARS &lt; 6 SchlMiss_1920 = 90. VARIABLE LABELS SchlMiss_1920 "Indicator 5.4: Missed school days, age 6-17 years". VALUE LABELS SchlMiss_1920 1 "No missed school days" 2 "1 - 3 days" 3 "4 - 6 days" 4 "7 - 10 days" 5 "11 or more days" 6 "This child was not enrolled in school" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES SchlMiss_1920(6,90,99). FORMATS SchlMiss_1920(f2.0). EXECUTE. </pre>	

Indicator 5.5	Participation in organized activities, age 6-17 years (AftSchAct_1920)
<b>Description</b>	During the past 12 months, did this child participate in any organized activities or lessons, after school or on weekends, age 6-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 6-11 years: G5a-c; for children 12-17 years: G5a-c Variable in public use data file: K7Q30; K7Q31; K7Q32
<b>Denominator</b>	Children age 6-17 years
<b>Numerator/Response Categories</b>	Child participated in one or more extracurricular activities; Child did not participate in extracurricular activities
<b>Notes for Data-Users</b>	
For this measure, activities outside of school are defined as: sports teams or lessons (K7Q30), clubs or organizations that take place after school or on weekends (K7Q31) or any other organized activities or lessons, such as music, dance, language, or other arts (K7Q32). Children who participate in any of these three activities met the measure criteria.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE sports_1920 = K7Q30. IF SC_AGE_YEARS &lt; 6 sports_1920 = 90. VARIABLE LABELS sports_1920 "Children participated in sports teams or sports lessons after school or on weekends, age 6-17 years". VALUE LABELS sports_1920 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES sports_1920(90,99). FORMATS sports_1920(f4.0).  COMPUTE clubs_1920 = K7Q31. IF SC_AGE_YEARS &lt; 6 clubs_1920 = 90. VARIABLE LABELS clubs_1920 "Children participated in clubs or organizations after school or on weekends, age 6-17 years". VALUE LABELS clubs_1920 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES clubs_1920(90,99). </pre>	

FORMATS clubs\_1920(f4.0).

COMPUTE lessons\_1920 = K7Q32.

IF SC AGE YEARS < 6 lessons\_1920 = 90.

VARIABLE LABELS lessons\_1920 "Children participated in any other organized activities or lessons, such as music, dance, language or other arts, age 6-17 years".

VALUE LABELS lessons\_1920

1 "Yes"

2 "No"

99 "Missing"

90 "Children age 0-5 years".

MISSING VALUES lessons\_1920(90,99).

FORMATS lessons\_1920(f4.0).

MISSING VALUES sports\_1920 clubs\_1920 lessons\_1920().

COUNT partic\_1920 = sports\_1920 clubs\_1920 lessons\_1920(1).

IF sports\_1920 = 99 and clubs\_1920 = 99 and lessons\_1920 = 99 partic\_1920 = 99.

IF SC AGE YEARS < 6 partic\_1920=90.

VARIABLE LABELS partic\_1920 "Number of organized activities child participates in after school (6-17 years)".

VALUE LABELS partic\_1920

99 "Missing to all"

90 "Children age 0-5 years".

RECODE partic\_1920 (0=2) (1 thru 3 = 1) (else=copy) into AftSchAct\_1920.

VARIABLE LABELS AftSchAct\_1920 "Indicator 5.5: Children participate in organized activities outside school, age 6-17 years".

VALUE LABELS AftSchAct\_1920

1 "Participate in one or more extracurricular activities"

2 "Do not participate in extracurricular activities"

99 "Missing to all"

90 "Children age 0-5 years".

MISSING VALUES AftSchAct\_1920 (90,99).

FORMATS AftSchAct\_1920 (f4.0).

EXECUTE.

<b>Indicator 5.6</b>	<b>Parent participation in child's events/activities, age 6-17 years (EventPart_1920)</b>
<b>Description</b>	During the past 12 months, how often did you attend events or activities that this child participated in, age 6-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 6-11 years: G4; for children 12-17 years: G4 Variable in public use data file: K7Q33
<b>Denominator</b>	Children age 6-17 years
<b>Numerator/Response Categories</b>	Always; Usually; Sometimes; Rarely or never
<b>Notes for Data-Users</b>	
This measure was derived from a single item. This question was asked for children between 6 and 17 years of age. Important note: Results for this question are weighted to reflect the population of children ages 6-17, not the population of parents. The accurate way to report these results is: "Percent of children whose parents always/usually attend events or activities that their children participated in", not as "Percent of parents....".	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE K7Q33 (1 =1) (2 = 2) (3=3) (4 thru 5=4) (99=99) into EventPart_1920. IF SC_AGE_YEARS &lt; 6 EventPart_1920 = 90. VARIABLE LABELS EventPart_1920 "Indicator 5.6: Parents participated in child's event or activities, age 6-17 years". VALUE LABELS EventPart_1920 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Rarely or never" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES EventPart_1920(90,99). FORMATS EventPart_1920(f4.0). EXECUTE. </pre>	

<b>Indicator 5.7</b>	<b>Participation in community service or volunteer work, age 6-17 years (volunteer_1920)</b>
<b>Description</b>	During the past 12 months, did this child participate in any type of community service or volunteer work at school, church, or in the community, age 6-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 6-11 years: G5d; for children 12-17 years: G5d Variable in public use data file: K7Q37
<b>Denominator</b>	Children age 6-17 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
This measure was derived from a single item. This question was asked for children between 6 and 17 years of age.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE volunteer_1920 = K7Q37. IF SC_AGE_YEARS &lt; 6 volunteer_1920 = 90. VARIABLE LABELS volunteer_1920 "Indicator 5.7: Children participated in community service or volunteer work, age 6-17 years". VALUE LABELS volunteer_1920 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES volunteer_1920(90,99). FORMATS volunteer_1920(f4.0). EXECUTE. </pre>	

Indicator 5.8	Work for pay, age 12-17 years (WorkPay_1920)
Description	During the past 12 months, did this child work for pay, including regular jobs as well as babysitting, cutting grass, or other occasional work, age 12 -17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: G5e; for children 12-17 years: G5e Variable in public use data file: K7Q38
Denominator	Children age 12-17 years
Numerator/Response Categories	Yes; No
Notes for Data-Users	This measure was derived from a single item. This question was asked for children between 6 and 17 years of age. However, the denominator of this measure is children 12-17 years.
Revisions and Changes	There have been no substantive changes to this item or measure since 2016.
SPSS Syntax and Annotation	<pre> COMPUTE workpay_1920 = K7Q38. IF SC AGE YEARS &lt; 12 workpay_1920 = 90. VARIABLE LABELS workpay_1920 "Indicator 5.8: Work for pay outside home including regular jobs as well as babysitting, cutting grass, or other occasional work, age 12-17 years, 12-17 years". VALUE LABELS workpay_1920 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 0-11 years". MISSING VALUES workpay_1920(90,99). FORMATS workpay_1920(f4.0). EXECUTE </pre>

Indicator 5.9	Adult mentor, age 6-17 years (Mentor_1920)
Description	Other than you or other adults in your home, is there at least one other adult in this child's school, neighborhood, or community who knows this child well and who he or she can rely on for advice or guidance, age 6-17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: I9 (2020), I12 (2019); for children 12-17 years: I9 (2020), I12 (2019) Variable in public use data file: K9Q96
Denominator	Children age 6-17 years
Numerator/Response Categories	Yes; No
Notes for Data-Users	This measure was derived from a single item. This question was asked for children between 6 and 17 years of age.
Revisions and Changes	There have been no substantive changes to this item or measure since 2016.
SPSS Syntax and Annotation	<pre> COMPUTE mentor_1920 = K9Q96. IF SC_AGE_YEARS &lt; 6 mentor_1920 = 90. VARIABLE LABELS mentor_1920 "Indicator 5.9: Children have at least one adult mentors, age 6-17 years". VALUE LABELS mentor_1920 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES mentor_1920(90,99). FORMATS mentor_1920(f4.0). EXECUTE. </pre>

This child's learning, individual items, age 3-5 years	
Description	This child's learning – Individual items
Survey Items Used	Survey instrument item number for children 0-5 years: G4-G24 Variable in public use data file: K6Q08_R
Denominator	Children age 3-5 years
Numerator/Response Categories	N/A
Notes for Data-Users	This question is asked for children between 3 and 5 years of age only.
Revisions and Changes	There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a> .
SPSS Syntax and Annotation	<pre> COMPUTE LearnThings_1920 = K6Q08_R. IF SC AGE YEARS &gt; 5 LearnThings_1920 = 90. IF SC AGE YEARS &lt; 3 LearnThings_1920 = 95. VARIABLE LABELS LearnThings_1920 "Parental concern about child's learning to do things for him or herself, age 3-5 years". VALUE LABELS LearnThings_1920 1 "Yes somewhat concerned" 2 "Yes, very concerned" 3 "No" 99 "Missing" 95 "Children age 0-2 years" 90 "Children age 6-17 years". MISSING VALUES LearnThings_1920(90,95,99).  COMPUTE confident_1920 = CONFIDENT. IF SC AGE YEARS &gt; 5 confident_1920 = 90. IF SC AGE YEARS &lt; 3 confident_1920 = 95. VARIABLE LABELS confident_1920 "Parent's confidence level for child's readiness to be in school, age 3-5 years". VALUE LABELS confident_1920 1 "Completely confident" 2 "Mostly confident" 3 "Somewhat confident" 4 "Not at all confident" 99"Missing"</pre>

95 "Children age 0-2 years"  
 90 "Children age 6-17 years".  
 MISSING VALUES confident\_1920(90,95,99).

COMPUTE RecogBegin\_1920 = RECOGBEGIN.  
 IF SC AGE YEARS > 5 RecogBegin\_1920 = 90.  
 IF SC AGE YEARS < 3 RecogBegin\_1920 = 95.  
 VARIABLE LABELS RecogBegin\_1920 "Ability to recognize beginning sound of a word, age 3-5 years".  
 VALUE LABELS RecogBegin\_1920  
 1 "Always"  
 2 "Most of the time"  
 3 "About half the time"  
 4 "Sometimes"  
 5 "Never"  
 99 "Missing"  
 95 "Children age 0-2 years"  
 90 "Children age 6-17 years".  
 MISSING VALUES RecogBegin\_1920(90,95,99).

COMPUTE RecogLetter\_1920 = RECOGABC.  
 IF SC AGE YEARS>5 RecogLetter\_1920 = 90.  
 IF SC AGE YEARS<3 RecogLetter\_1920 = 95.  
 VARIABLE LABELS RecogLetter\_1920 "Recognize letters of alphabet, age 3-5 years".  
 VALUE LABELS RecogLetter\_1920  
 1 "All of them"  
 2 "Most of them"  
 3 "About half of them"  
 4 "Some of them"  
 5 "None of them"  
 99"Missing"  
 95 "Children age 0-2 years"  
 90 "Children age 6-17 years".  
 MISSING VALUES RecogLetter\_1920(90,95,99).

COMPUTE RhymeWord\_1920 = RHYMEWORD.  
 IF SC AGE YEARS > 5 RhymeWord\_1920 = 90.  
 IF SC AGE YEARS < 3 RhymeWord\_1920 = 95.  
 VARIABLE LABELS RhymeWord\_1920 "Ability to rhyme words, age 3-5 years".  
 VALUE LABELS RhymeWord\_1920  
 1 "Yes"  
 2 "No"  
 99"Missing"  
 95 "Children age 0-2 years"  
 90 "Children age 6-17 years".  
 MISSING VALUES RhymeWord\_1920(90,95,99).

COMPUTE ClearExp\_1920 = CLEAREXP.  
 IF SC AGE YEARS>5 ClearExp\_1920 = 90.

```

IF SC AGE YEARS<3 ClearExp_1920 = 95.
VARIABLE LABELS ClearExp_1920 "Ability to explain things child has seen or done, age 3-5 years".
VALUE LABELS ClearExp_1920
1 "Always"
2 "Most of the time"
3 "About half the time"
4 "Sometimes"
5 "Never"
99"Missing"
90 "Children age 6-17 years"
95 "Children age 0-2 years".
MISSING VALUES ClearExp_1920(90,95,99).

COMPUTE WriteName_1920 = WRITENAME.
IF SC AGE YEARS > 5 WriteName_1920 = 90.
IF SC AGE YEARS < 3 WriteName_1920 = 95.
VARIABLE LABELS WriteName_1920 "Ability to write first name, age 3-5 years".
VALUE LABELS WriteName_1920
1 "Always"
2 "Most of the time"
3 "About half the time"
4 "Sometimes"
5 "Never"
99"Missing"
90 "Children age 6-17 years"
95 "Children age 0-2 years".
MISSING VALUES WriteName_1920(90,95,99).

RECODE COUNTTO
(1 thru 2=1) (3=2) (4=3) (5=4) (6=5) (SYSMIS=99) (else=copy) into CountTo_1920 .
IF SC AGE YEARS>5 CountTo_1920 = 90.
IF SC AGE YEARS<3 CountTo_1920 = 95.
VARIABLE LABELS CountTo_1920 "Ability to count numerals, age 3-5 years".
VALUE LABELS CountTo_1920
1 "Not at all or can count up to five"
2 "Up to ten"
3 "Up to 20"
4 "Up to 50"
5 "Up to 100 or more"
99"Missing"
95 "Children age 0-2 years"
90 "Children age 6-17 years".
MISSING VALUES CountTo_1920(90,95,99).

COMPUTE RecogShapes_1920 = RECSHAPES.
IF SC AGE YEARS>5 RecogShapes_1920 = 90.
IF SC AGE YEARS<3 RecogShapes_1920 = 95.
VARIABLE LABELS RecogShapes_1920 "Ability to recognize basic shapes, age 3-5 years".

```

VALUE LABELS RecogShapes\_1920

1 "Always"  
 2 "Most of the time"  
 3 "About half the time"  
 4 "Sometimes"  
 5 "Never"  
 99"Missing"  
 90 "Children age 6-17 years"  
 95 "Children age 0-2 years".  
 MISSING VALUES RecogShapes\_1920(90,95,99).

COMPUTE distracted\_1920 = DISTRACTED.

IF SC\_AGE\_YEARS > 5 distracted\_1920 = 90.  
 IF SC\_AGE\_YEARS < 3 distracted\_1920 = 95.

VARIABLE LABELS distracted\_1920 "Children often easily distracted , age 3-5 years".

VALUE LABELS distracted\_1920

1 "Always"  
 2 "Most of the time"  
 3 "About half the time"  
 4 "Sometimes"  
 5 "Never"  
 99"Missing"  
 90 "Children age 6-17 years"  
 95 "Children age 0-2 years".  
 MISSING VALUES distracted\_1920(90,95,99).

COMPUTE WorkToFin\_1920 = WORKTOFIN.

IF SC\_AGE\_YEARS > 5 WorkToFin\_1920 = 90.  
 IF SC\_AGE\_YEARS < 3 WorkToFin\_1920 = 95.

VARIABLE LABELS WorkToFin\_1920 "Children who often keep working at something until finished, age 3-5 years".

VALUE LABELS WorkToFin\_1920

1 "Always"  
 2 "Most of the time"  
 3 "About half the time"  
 4 "Sometimes"  
 5 "Never"  
 99"Missing"  
 90 "Children age 6-17 years"  
 95 "Children age 0-2 years".  
 MISSING VALUES WorkToFin\_1920(90,95,99).

COMPUTE SimpleInst\_1920 = SIMPLEINST.

IF SC\_AGE\_YEARS > 5 SimpleInst\_1920 = 90.  
 IF SC\_AGE\_YEARS < 3 SimpleInst\_1920 = 95.

VARIABLE LABELS SimpleInst\_1920 "Children who can follow instructions to complete a simple task, age 3-5 years".

VALUE LABELS SimpleInst\_1920

1 "Always"

2 "Most of the time"

3 "About half the time"

4 "Sometimes"

5 "Never"

99 "Missing"

90 "Children age 6-17 years"

95 "Children age 0-2 years".

MISSING VALUES SimpleInst\_1920(90,95,99).

COMPUTE UsePencil\_1920 = USEPENCIL.

IF SC\_AGE\_YEARS > 5 UsePencil\_1920 = 90.

IF SC\_AGE\_YEARS < 3 UsePencil\_1920 = 95.

VARIABLE LABELS UsePencil\_1920 "How young children hold a pencil, age 3-5 years, age 3-5 years".

VALUE LABELS UsePencil\_1920

1 "Uses fingers to hold the pencil"

2 "Grips the pencil in his or her fist"

3 "This child cannot hold a pencil"

99 "Missing"

95 "Children age 0-2 years"

90 "Children age 6-17 years".

MISSING VALUES UsePencil\_1920(90,95,99).

COMPUTE PlayWell\_1920 = PLAYWELL.

IF SC\_AGE\_YEARS > 5 PlayWell\_1920 = 90.

IF SC\_AGE\_YEARS < 3 PlayWell\_1920 = 95.

VARIABLE LABELS PlayWell\_1920 "Children who play well with others, age 3-17 years".

VALUE LABELS PlayWell\_1920

1 "Always"

2 "Most of the time"

3 "About half the time"

4 "Sometimes"

5 "Never"

99 "Missing"

90 "Children age 6-17 years"

95 "Children age 0-2 years".

MISSING VALUES PlayWell\_1920(90,95,99).

COMPUTE NewActivity\_1920 = NEWACTIVITY.

IF SC\_AGE\_YEARS > 5 NewActivity\_1920 = 90.

```

IF SC_AGE_YEARS < 3 NewActivity_1920 = 95.
VARIABLE LABELS NewActivity_1920 "Children who become angry or anxious when going from one
activity to another, age 3-5 years".
VALUE LABELS NewActivity_1920
1 "Always"
2 "Most of the time"
3 "About half the time"
4 "Sometimes"
5 "Never"
99"Missing"
90 "Children age 6-17 years"
95 "Children age 0-2 years".
MISSING VALUES NewActivity_1920(90,95,99).

```

```

COMPUTE HurtSad_1920 = HURTSAD.
IF SC_AGE_YEARS > 5 HurtSad_1920 = 90.
IF SC_AGE_YEARS < 3 HurtSad_1920 = 95.
VARIABLE LABELS HurtSad_1920 "Children who show concern when others are hurt or unhappy, age
3-5 years".
VALUE LABELS HurtSad_1920
1 "Always"
2 "Most of the time"
3 "About half the time"
4 "Sometimes"
5 "Never"
99"Missing"
90 "Children age 6-17 years"
95 "Children age 0-2 years".
MISSING VALUES HurtSad_1920(90,95,99).

```

```

COMPUTE CalmDown_1920 = CALMDOWN.
IF SC_AGE_YEARS > 5 CalmDown_1920 = 90.
IF SC_AGE_YEARS < 3 CalmDown_1920 = 95.
VARIABLE LABELS CalmDown_1920 "Children who can calm down when excited or all wound up, age
3-5 years".
VALUE LABELS CalmDown_1920
1 "Always"
2 "Most of the time"
3 "About half the time"
4 "Sometimes"
5 "Never"
99"Missing"
90 "Children age 6-17 years"

```

95 "Children age 0-2 years".

MISSING VALUES CalmDown\_1920(90,95,99).

COMPUTE temper\_1920 = TEMPER.

IF SC AGE YEARS > 5 temper\_1920 = 90.

IF SC AGE YEARS < 3 temper\_1920 = 95.

VARIABLE LABELS temper\_1920 "Children who lose control of temper when things do not go their way, 3-5 years".

VALUE LABELS temper\_1920

1 "Always"

2 "Most of the time"

3 "About half the time"

4 "Sometimes"

5 "Never"

99 "Missing"

90 "Children age 6-17 years"

95 "Children age 0-2 years".

MISSING VALUES temper\_1920(90,95,99).

COMPUTE MakeFr3to5\_1920 = MAKEFRIEND.

IF SC AGE YEARS > 5 MakeFr3to5\_1920 = 90.

IF SC AGE YEARS < 3 MakeFr3to5\_1920 = 95.

VARIABLE LABELS MakeFr3to5\_1920 "Children who have difficulty making and keeping friends, age 3-5 years".

VALUE LABELS MakeFr3to5\_1920

1 "No difficulty"

2 "A little difficulty"

3 "A lot of difficulty"

90 "Children age 6-17 years"

95 "Children age 0-2 years"

99 "No valid response".

MISSING VALUES MakeFr3to5\_1920(90,95,99).

COMPUTE SitStill1\_1920 = SITSTILL.

IF SC AGE YEARS > 5 SitStill1\_1920 = 90.

IF SC AGE YEARS < 3 SitStill1\_1920 = 95.

VARIABLE LABELS SitStill1\_1920 "Children who are able to sit still, age 3-5 years".

VALUE LABELS SitStill1\_1920

1 "Always"

2 "Most of the time"

3 "About half the time"

4 "Sometimes"

5 "Never"

```
99"Missing"  
90 "Children age 6-17 years"  
95 "Children age 0-2 years".  
MISSING VALUES SitStill1_1920(90,95,99).
```

```
COMPUTE color_1920 = COLOR.  
IF SC AGE YEARS>5 color_1920 = 90.  
IF SC AGE YEARS<3 color_1920 = 95.  
VARIABLE LABELS color_1920 "Child can identify colors red, yellow, blue, and green by name, age 3-5  
years".  
VALUE LABELS color_1920  
1 "Yes, all of them"  
2 "Yes, some of them"  
3 "No, none of them"  
99 "Missing"  
90 "Children age 0-2 years"  
95 "Children age 6-17 years".  
MISSING VALUES color_1920(90,95,99).  
EXECUTE.
```

<b>This child's learning, individual items, age 1-5 years</b>	
<b>Description</b>	This child's learning - individual items
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: G1(a-k)
<b>Denominator</b>	Children age 1-5 years
<b>Numerator/Response Categories</b>	N/A
<b>Notes for Data-Users</b>	
This question is asked for children between 1 and 5 years of age only.	
<b>Revisions and Changes</b>	
These items were added in 2018. There have been no substantive changes to these items since 2018.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE OneWord_1920 = ONEWORD. IF SC AGE YEARS &gt; 5 OneWord_1920 = 90. IF SC AGE YEARS &lt; 1 OneWord_1920 = 95. VARIABLE LABELS OneWord_1920 "Children who are able to say at least one word, such as 'hi' or 'dog', age 1-5 years". VALUE LABELS OneWord_1920 1 "Yes" 2 "No" 99 "No valid response" 90 "Children age 6-17 years" 95 "Children age &lt;1 year". MISSING VALUES OneWord_1920(90,95,99).  COMPUTE TwoWords_1920 = TWOWORDS. IF SC AGE YEARS &gt; 5 TwoWords_1920 = 90. IF SC AGE YEARS &lt; 1 TwoWords_1920 = 95. VARIABLE LABELS TwoWords_1920 "Children who are able to use 2 words together, such as 'car go', age 1-5 years". VALUE LABELS TwoWords_1920 1 "Yes" 2 "No" 99 "No valid response" 90 "Children age 6-17 years" 95 "Children age &lt;1 year". MISSING VALUES TwoWords_1920(90,95,99). </pre>	

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COMPUTE ThreeWords_1920 = THREEWORDS.
IF SC_AGE_YEARS > 5 ThreeWords_1920 = 90.
IF SC_AGE_YEARS < 1 ThreeWords_1920 = 95.
VARIABLE LABELS ThreeWords_1920 "Children who are able to use 3 words together in a sentence,
such as, 'Mommy come now.', age 1-5 years".
VALUE LABELS ThreeWords_1920
1 "Yes"
2 "No"
99 "No valid response"
90 "Children age 6-17 years"
95 "Children age <1 year".
MISSING VALUES ThreeWords_1920(90,95,99).

```

```

COMPUTE ThreeWords_1920 = THREEWORDS.
IF SC_AGE_YEARS > 5 ThreeWords_1920 = 90.
IF SC_AGE_YEARS < 1 ThreeWords_1920 = 95.
VARIABLE LABELS ThreeWords_1920 "Children who are able to use 3 words together in a sentence,
such as, 'Mommy come now.', age 1-5 years".
VALUE LABELS ThreeWords_1920
1 "Yes"
2 "No"
99 "No valid response"
90 "Children age 6-17 years"
95 "Children age <1 year".
MISSING VALUES ThreeWords_1920(90,95,99).

```

```

COMPUTE AskQuest1_1920 = ASKQUESTION.
IF SC_AGE_YEARS > 5 AskQuest1_1920 = 90.
IF SC_AGE_YEARS < 1 AskQuest1_1920 = 95.
VARIABLE LABELS AskQuest1_1920 "Children who are able to ask questions like 'who,' 'what,' 'when,'
'where', age 1-5 years".
VALUE LABELS AskQuest1_1920
1 "Yes"
2 "No"
99 "No valid response"
90 "Children age 6-17 years"
95 "Children age <1 year".
MISSING VALUES AskQuest1_1920(90,95,99).

```

```

COMPUTE AskQuest2_1920 = ASKQUESTION2.
IF SC_AGE_YEARS > 5 AskQuest2_1920 = 90.
IF SC_AGE_YEARS < 1 AskQuest2_1920 = 95.
VARIABLE LABELS AskQuest2_1920 "Children who are able to ask questions like 'why' and 'how', age
1-5 years".
VALUE LABELS AskQuest2_1920
1 "Yes"

```

2 "No"  
 99 "No valid response"  
 90 "Children age 6-17 years"  
 95 "Children age <1 year".  
 MISSING VALUES AskQuest2\_1920(90,95,99).

COMPUTE TellStory\_1920 = TELLSTORY.  
 IF SC AGE YEARS > 5 TellStory\_1920 = 90.  
 IF SC AGE YEARS < 1 TellStory\_1920 = 95.  
 VARIABLE LABELS TellStory\_1920 "Child is able to tell a story with a beginning, middle, and end, age 1-5 years".  
 VALUE LABELS TellStory\_1920  
 1 "Yes"  
 2 "No"  
 99 "No valid response"  
 90 "Children age 6-17 years"  
 95 "Children age <1 year".  
 MISSING VALUES TellStory\_1920(90,95,99).

COMPUTE understand\_1920 = UNDERSTAND.  
 IF SC AGE YEARS > 5 understand\_1920 = 90.  
 IF SC AGE YEARS < 1 understand\_1920 = 95.  
 VARIABLE LABELS understand\_1920 "Children who are able to understand the meaning of the word 'no', age 1-5 years".  
 VALUE LABELS understand\_1920  
 1 "Yes"  
 2 "No"  
 99 "No valid response"  
 90 "Children age 6-17 years"  
 95 "Children age <1 year".  
 MISSING VALUES understand\_1920(90,95,99).

COMPUTE directions\_1920 = DIRECTIONS.  
 IF SC AGE YEARS > 5 directions\_1920 = 90.  
 IF SC AGE YEARS < 1 directions\_1920 = 95.  
 VARIABLE LABELS directions\_1920 "Children who are able to follow a verbal direction without hand gestures, such as 'Wash your hands.', age 1-5 years".  
 VALUE LABELS directions\_1920  
 1 "Yes"  
 2 "No"  
 99 "No valid response"  
 90 "Children age 6-17 years"  
 95 "Children age <1 year".

MISSING VALUES directions\_1920(90,95,99).

COMPUTE point\_1920 = POINT.

IF SC\_AGE\_YEARS > 5 point\_1920 = 90.

IF SC\_AGE\_YEARS < 1 point\_1920 = 95.

VARIABLE LABELS point\_1920 "Children who are able to point to things in a book when asked, age 1-5 years".

VALUE LABELS point\_1920

1 "Yes"

2 "No"

99 "No valid response"

90 "Children age 6-17 years"

95 "Children age <1 year".

MISSING VALUES point\_1920(90,95,99).

COMPUTE TwoStepDirec\_1920 = DIRECTIONS2.

IF SC\_AGE\_YEARS > 5 TwoStepDirec\_1920 = 90.

IF SC\_AGE\_YEARS < 1 TwoStepDirec\_1920 = 95.

VARIABLE LABELS TwoStepDirec\_1920 "Children who are able to follow 2-step directions, such as 'Get your shoes and put them in the basket.', age 1-5 years".

VALUE LABELS TwoStepDirec\_1920

1 "Yes"

2 "No"

99 "No valid response"

90 "Children age 6-17 years"

95 "Children age <1 year".

MISSING VALUES TwoStepDirec\_1920(90,95,99).

COMPUTE Understand2\_1920 = UNDERSTAND2.

IF SC\_AGE\_YEARS > 5 Understand2\_1920 = 90.

IF SC\_AGE\_YEARS < 1 Understand2\_1920 = 95.

VARIABLE LABELS Understand2\_1920 "Children who are able to understand words such as 'in,' 'on,' and 'under', age 1-5 years".

VALUE LABELS Understand2\_1920

1 "Yes"

2 "No"

99 "No valid response"

90 "Children age 6-17 years"

95 "Children age <1 year".

MISSING VALUES Understand2\_1920(90,95,99).

EXECUTE.

***Family Health and Activities***

Indicator 6.1	Physical health status of mother (MothPhyH_1920)
<b>Description</b>	If this child's mother is a primary caregiver and lives in the household, in general, what is the mother's physical health status?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years J1, J2, J8, J13 (2019), J14, J15 (2020), J20 (2019), J21 (2020); for children 6-11 years: J1, J2, J8, J13 (2019), J14, J15 (2020), J20 (2019), J21 (2020); for children 12-17 years: J1, J2, J8, J13 (2019), J14, J15 (2020), J20 (2019), J21 (2020) Variables in public use data file: A1_PHYSHEALTH; A1_RELATION; A1_SEX; A2_PHYSHEALTH; A2_RELATION; A2_SEX
<b>Denominator</b>	Children age 0-17 years who live with their biological, step, adoptive, or foster mother
<b>Numerator/Response Categories</b>	Excellent or very good; Good; Fair or poor
<b>Notes for Data-Users</b>	
This measure summarizes the general health status (A1_PHYSHEALTH and A2_PHYSHEALTH) of the child's biological, adoptive, step or foster mother (A#_RELATIONSHIP=1, 2, 4 and A#_SEX=2). The survey respondent rated the child's adult primary caregivers' physical health (A#_PHYSHEALTH). Adult 1 (if mother) was chosen if both reported adults were mothers (biological, adoptive, step or foster). If the child only has one caregiver, only one was rated. If none of the caregivers are the child's mother (biological, adoptive, step, or foster), those children were not included in the denominator.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE mother1_1920=95. IF ((A1_RELATION = 1 or A1_RELATION = 2 or A1_RELATION = 4) and A1_SEX = 2) mother1_1920=1. IF A1_RELATION = 99 or A1_SEX = 99 mother1_1920=99. VARIABLE LABELS mother1_1920 "Adult 1 is biological/adoptive, foster or step mother".  COMPUTE mother2_1920=95. IF ((A2_RELATION = 1 or A2_RELATION = 2 or A2_RELATION = 4) and A2_SEX = 2) mother2_1920=1. IF A2_RELATION = 99 or A2_SEX = 99 mother2_1920=99. IF A2_RELATION =8 mother2_1920=95. VARIABLE LABELS mother2_1920 "Adult 2 is biological/adoptive, foster or step mother".  COMPUTE MothPhyH_1920 = 95. DO IF mother1_1920=1. IF A1_PHYSHEALTH = 1 or A1_PHYSHEALTH = 2 MothPhyH_1920 = 1. </pre>	

```
IF A1_PHYSHEALTH = 3 MothPhyH_1920 = 2.  
IF A1_PHYSHEALTH = 4 or A1_PHYSHEALTH = 5 MothPhyH_1920 = 3.  
IF A1_PHYSHEALTH = 99 MothPhyH_1920 = 99.  
END IF.  
DO IF ((mother1_1920 =95 or mother1_1920=99) and mother2_1920=1).  
IF A2_PHYSHEALTH = 1 or A2_PHYSHEALTH = 2 MothPhyH_1920 = 1.  
IF A2_PHYSHEALTH = 3 MothPhyH_1920 = 2.  
IF A2_PHYSHEALTH = 4 or A2_PHYSHEALTH = 5 MothPhyH_1920 = 3.  
IF A2_PHYSHEALTH = 99 MothPhyH_1920 = 99.  
END IF.  
IF (A1_RELATION = 99 or A1_SEX = 99) and (A2_RELATION = 99 or A2_SEX = 99) MothPhyH_1920=99.  
VARIABLE LABELS MothPhyH_1920 "Indicator 6.1: Physical health status of child's mother".  
VALUE LABELS MothPhyH_1920  
1 "Excellent or very good"  
2 "Good"  
3 "Fair or poor"  
99 "Missing"  
95 "No mother reported in the household as a primary caregiver of the child".  
FORMATS MothPhyH_1920 (f4.0).  
MISSING VALUES MothPhyH_1920 (95,99).  
EXECUTE.
```

Indicator 6.1a	Physical health status of father (FathPhyH_1920)
Description	If this child's father is a primary caregiver and lives in the household, in general, what is the father's physical health status?
Survey Items Used	<p>Survey instrument item number for children 0-5 years: J1, J2, J8, J13 (2019), J14, J15 (2020), J20 (2019), J21 (2020); for children 6-11 years: J1, J2, J8, J13 (2019), J14, J15 (2020) , J20 (2019), J21 (2020); for children 12-17 years: J1, J2, J8, J13 (2019), J14, J15 (2020), J20 (2019), J21 (2020)</p> <p>Variables in public use data file: A1_PHYSHEALTH; A1_RELATION; A1_SEX; A2_PHYSHEALTH; A2_RELATION; A2_SEX</p>
Denominator	Children age 0-17 years who live with their biological, step, adoptive, or foster father
Numerator/Response Categories	Excellent or very good; Good; Fair or poor
<b>Notes for Data-Users</b>	
<p>This measure summarizes the general health status (A1_PHYSHEALTH and A2_PHYSHEALTH) of the child's biological, adoptive, step or foster father (A#_RELATIONSHIP=1, 2, 4 and A#_SEX=1). The survey respondent rated the child's adult primary caregivers' physical health (A#_PHYSHEALTH). Adult 1 (if father) was chosen if both reported adults were fathers (biological, adoptive, step or foster). If the child only has one caregiver, only one was rated. If none of the caregivers are the child's father (biological, adoptive, step, or foster), those children were not included in the denominator.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE father1_1920=95. IF ((A1_RELATION = 1 or A1_RELATION = 2 or A1_RELATION = 4) and A1_SEX = 1) father1_1920=1. IF A1_RELATION = 99 or A1_SEX = 99 father1_1920=99. VARIABLE LABELS father1_1920 "Adult 1 is biological/adoptive, foster or step father".  COMPUTE father2_1920=95. IF ((A2_RELATION = 1 or A2_RELATION = 2 or A2_RELATION = 4) and A2_SEX = 1) father2_1920=1. IF A2_RELATION = 99 or A2_SEX = 99 father2_1920=99. IF A2_RELATION =8 father2_1920=95. VARIABLE LABELS father2_1920 "Adult 2 is biological/adoptive, foster or step father".  COMPUTE FathPhyH_1920 = 95. </pre>	

```
DO IF father1_1920=1.  
IF A1_PHYSHEALTH = 1 or A1_PHYSHEALTH = 2 FathPhyH_1920 = 1.  
IF A1_PHYSHEALTH = 3 FathPhyH_1920 = 2.  
IF A1_PHYSHEALTH = 4 or A1_PHYSHEALTH = 5 FathPhyH_1920 = 3.  
IF A1_PHYSHEALTH = 99 FathPhyH_1920 = 99.  
END IF.  
DO IF ((father1_1920 =95 or father1_1920=99) and father2_1920=1).  
IF A2_PHYSHEALTH = 1 or A2_PHYSHEALTH = 2 FathPhyH_1920 = 1.  
IF A2_PHYSHEALTH = 3 FathPhyH_1920 = 2.  
IF A2_PHYSHEALTH = 4 or A2_PHYSHEALTH = 5 FathPhyH_1920 = 3.  
IF A2_PHYSHEALTH = 99 FathPhyH_1920 = 99.  
END IF.  
IF (A1_RELATION = 99 or A1_SEX = 99) and (A2_RELATION = 99 or A2_SEX = 99) FathPhyH_1920=99.  
VARIABLE LABELS FathPhyH_1920 "Indicator 6.1a: Physical health status of child's father".  
VALUE LABELS FathPhyH_1920  
1 "Excellent or very good"  
2 "Good"  
3 "Fair or poor"  
99 "Missing"  
95 "No father reported in the household as a primary caregiver of the child".  
FORMATS FathPhyH_1920 (f4.0).  
MISSING VALUES FathPhyH_1920 (95,99).  
EXECUTE.
```

Indicator 6.2	Mental health status of mother (MotherMH_1920)
Description	If this child's mother is a primary caregiver and lives in the household, in general, what is the status of mother's mental and emotional health?
Survey Items Used	Survey instrument item number for children 0-5 years: J1, J2, J9 (2019), J10 (2020), J13 (2019), J14, J15 (2020), J21 (2019), J22 (2020); for children 6-11 years: J1, J2, J9 (2019), J10 (2020), J13 (2019), J14, J15 (2020), J21 (2019), J22 (2020); for children 12-17 years: J1, J2, J9 (2019), J10 (2020), J13 (2019), J14, J15 (2020), J21 (2019), J22 (2020) Variable in public use data file: A1_MENTHEALTH; A1_RELATION; A1_SEX; A2_MENTHEALTH; A2_RELATION; A2_SEX
Denominator	Children age 0-17 years who live with their biological, step, adoptive, or foster mother
Numerator/Response Categories	Excellent or very good; Good; Fair or poor
<b>Notes for Data-Users</b>	
This measure summarizes the mental or emotional health status (A#_MENTHEALTH) of the child's biological, adoptive, step or foster mother (A#_RELATIONSHIP=1, 2, 4 and A#_SEX=2). The survey respondent rated the child's adult primary caregivers' mental or emotional health (A#_MENTHEALTH). Adult 1 (if mother) was chosen if both reported adults were mothers (biological, adoptive, step or foster). If the child only has one caregiver, only one was rated. If none of the caregivers are the child's mother (biological, adoptive, step, or foster), those children were not included in the denominator.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE MotherMH_1920 = 95. DO IF mother1_1920=1. IF A1_MENTHEALTH = 1 or A1_MENTHEALTH = 2 MotherMH_1920 = 1. IF A1_MENTHEALTH = 3 MotherMH_1920 = 2. IF A1_MENTHEALTH = 4 or A1_MENTHEALTH = 5 MotherMH_1920 = 3. IF A1_MENTHEALTH = 99 MotherMH_1920 = 99. END IF. DO IF ((mother1_1920 =95 or mother1_1920=99) and mother2_1920=1). IF A2_MENTHEALTH = 1 or A2_MENTHEALTH = 2 MotherMH_1920 = 1. IF A2_MENTHEALTH = 3 MotherMH_1920 = 2. IF A2_MENTHEALTH = 4 or A2_MENTHEALTH = 5 MotherMH_1920 = 3. IF A2_MENTHEALTH = 99 MotherMH_1920 = 99. END IF. IF (A1_RELATION = 99 or A1_SEX = 99) and (A2_RELATION = 99 or A2_SEX = 99) MotherMH_1920=99. </pre>	

```
VARIABLE LABELS MotherMH_1920 "Indicator 6.2: Mental health status of child's mother".  
VALUE LABELS MotherMH_1920  
1 "Excellent or very good"  
2 "Good"  
3 "Fair or poor"  
99 "Missing"  
95 "No mother reported in the household as a primary caregiver of the child".  
FORMATS MotherMH_1920 (f4.0).  
MISSING VALUES MotherMH_1920 (95,99).  
EXECUTE.
```

Indicator 6.2a	Mental health status of father (FatherMH_1920)
Description	If this child's father is a primary caregiver and lives in the household, in general, what is the status of father's mental and emotional health?
Survey Items Used	<p>Survey instrument item number for children 0-5 years: J1, J2, J9 (2019), J10 (2020), J13 (2019), J14, J15 (2020), J21 (2019), J22 (2020); for children 6-11 years: J1, J2, J9 (2019), J10 (2020), J13 (2019), J14, J15 (2020), J21 (2019), J22 (2020); for children 12-17 years: J1, J2, J9 (2019), J10 (2020), J13 (2019), J14, J15 (2020), J21 (2019), J22 (2020)</p> <p>Variable in public use data file: A1_MENTHEALTH; A1_RELATION; A1_SEX; A2_MENTHEALTH; A2_RELATION; A2_SEX</p>
Denominator	Children age 0-17 years who live with their biological, step, adoptive, or foster father
Numerator/Response Categories	Excellent or very good; Good; Fair or poor
<b>Notes for Data-Users</b>	
<p>This measure summarizes the mental or emotional health status (A#_MENTHEALTH) of the child's biological, adoptive, step or foster father (A#_RELATIONSHIP=1, 2, 4; A#_SEX=1). The survey respondent rated the child's adult primary caregivers' mental or emotional health (A#_MENTHEALTH). Adult 1 (if father) was chosen if both reported adults were fathers (biological, adoptive, step or foster). If the child only has one caregiver, only one was rated. If none of the caregivers are the child's father (biological, adoptive, step, or foster), those children were not included in the denominator.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE FatherMH_1920 = 95. DO IF father1_1920=1. IF A1_MENTHEALTH = 1 or A1_MENTHEALTH = 2 FatherMH_1920 = 1. IF A1_MENTHEALTH = 3 FatherMH_1920 = 2. IF A1_MENTHEALTH = 4 or A1_MENTHEALTH = 5 FatherMH_1920 = 3. IF A1_MENTHEALTH = 99 FatherMH_1920 = 99. END IF. DO IF ((father1_1920 =95 or father1_1920=99) and father2_1920=1). IF A2_MENTHEALTH = 1 or A2_MENTHEALTH = 2 FatherMH_1920 = 1. IF A2_MENTHEALTH = 3 FatherMH_1920 = 2. IF A2_MENTHEALTH = 4 or A2_MENTHEALTH = 5 FatherMH_1920 = 3. IF A2_MENTHEALTH = 99 FatherMH_1920 = 99. END IF. IF (A1_RELATION = 99 or A1_SEX = 99) and (A2_RELATION = 99 or A2_SEX = 99) FatherMH_1920=99. VARIABLE LABELS FatherMH_1920 "Indicator 6.2a: Mental health status of child's father". </pre>	

```
VALUE LABELS FatherMH_1920
1 "Excellent or very good"
2 "Good"
3 "Fair or poor"
99 "Missing"
95 "No father reported in the household as a primary caregiver of the child".
FORMATS FatherMH_1920 (f4.0).
MISSING VALUES FatherMH_1920 (95,99).
EXECUTE.
```

Indicator 6.3	Overall health status of mother (MotherHSt_1920)
Description	If this child's mother is a primary caregiver and lives in the household, are his/her mother's physical and mental health both excellent or very good?
Survey Items Used	<p>Survey instrument item number for children 0-5 years: J1, J2, J8 (2019), J9, J10 (2020), J13 (2019), J14, J15 (2020), J20 (2019), J21, J22 (2020); for children 6-11 years: J1, J2, J8 (2019), J9, J10 (2020), J13 (2019), J14, J15 (2020), J20 (2019), J21, J22 (2020); for children 12-17 years: J1, J2, J8 (2019), J9, J10 (2020), J13 (2019), J14, J15 (2020), J20 (2019), J21, J22 (2020)</p> <p>Variable in public use data file: A1_MENTHEALTH; A1_PHYSHEALTH; A1_RELATION; A1_SEX; A2_MENTHEALTH; A2_PHYSHEALTH; A2_RELATION; A2_SEX</p>
Denominator	Children age 0-17 years who live with their biological, step, adoptive, or foster mother
Numerator/Response Categories	Physical and mental health BOTH excellent or very good; One or both of physical and mental health are NOT excellent or very good
<b>Notes for Data-Users</b>	
<p>This measure is a composite of the mother's physical and mental/emotional health status. To qualify on this measure, the child's mother's physical health and mental health must both be "Excellent" or "Very Good". Please keep in mind that approximately 10.4% of children in the survey were not currently living with a mother in the household or had missing responses to A_RELATION or A_SEX questions and are not included in the denominator. Adult 1 (if mother) was chosen if both reported adults were mothers (biological, adoptive, step or foster). If the child only has one caregiver, only one was rated. If none of the caregivers are the child's mother (biological, adoptive, step, or foster), those children were not included in the denominator.</p>	
<b>Rewrites and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> MISSING VALUES MothPhyH_1920 MotherMH_1920().  COMPUTE MotherHSt_1920 = 999. IF MothPhyH_1920 = 1 and MotherMH_1920 = 1 MotherHSt_1920 = 1. IF MothPhyH_1920 = 1 and (MotherMH_1920 = 2 or MotherMH_1920 = 3) MotherHSt_1920 = 2. IF (MothPhyH_1920 = 2 or MothPhyH_1920 = 3) and MotherMH_1920 = 1 MotherHSt_1920 = 2. IF (MothPhyH_1920 = 2 or MothPhyH_1920 = 3) and (MotherMH_1920 = 2 or MotherMH_1920 = 3) MotherHSt_1920 = 2. IF MothPhyH_1920 = 99 or MotherMH_1920 = 99 MotherHSt_1920 = 99. IF MothPhyH_1920 = 95 or MotherMH_1920 = 95 MotherHSt_1920 = 95. VARIABLE LABELS MotherHSt_1920 "Indicator 6.3: Overall physical and mental health status of children's mothers". VALUE LABELS MotherHSt_1920 </pre>	

1 "Physical & mental health BOTH excellent or very good"  
2 "One or both of physical & mental health are NOT excellent/very good"  
99 "Missing"  
95 "No mother reported in the household as a primary caregiver of the child".  
MISSING VALUES MotherHSt\_1920(95,99).  
FORMATS MotherHSt\_1920(f2.0).  
EXECUTE.

MISSING VALUES MothPhyH\_1920 MotherMH\_1920(95,99).  
EXECUTE.

Indicator 6.3a	Overall health status of father (FatherHSt_1920)
Description	If this child's father is a primary caregiver and lives in the household, are his/her father's physical and mental health both excellent or very good?
Survey Items Used	<p>Survey instrument item number for children 0-5 years: J1, J2, J8 (2019), J9, J10 (2020), J13 (2019), J14, J15 (2020) , J20 (2019), J21, J22 (2020); for children 6-11 years: J1, J2, J8, J9, J10 (2020), J13 (2019), J14, J15 (2020), J20 (2019), J21, J22 (2020); for children 12-17 years: J1, J2, J8 (2019), J9, J10 (2020), J13 (2019), J14, J15 (2020), J20 (2019), J21, J22 (2020)</p> <p>Variable in public use data file: A1_MENTHEALTH; A1_PHYSHEALTH; A1_RELATION; A1_SEX; A2_MENTHEALTH; A2_PHYSHEALTH; A2_RELATION; A2_SEX</p>
Denominator	Children age 0-17 years who live with their biological, step, adoptive, or foster father
Numerator/Response Categories	Physical and mental health BOTH excellent or very good; One or both of physical and mental health are NOT excellent or very good
<b>Notes for Data-Users</b>	
<p>This measure is a composite of the father's physical and mental/emotional health status. To qualify, responses for the child's father on both measures must be either "Excellent" or "Very Good". Please keep in mind that approximately 23.6% of children in the survey were not currently living with a father in the household or had missing responses to A#_RELATION or A#_SEX questions and are not included in the denominator. Adult 1 (if father) was chosen if both reported adults were fathers (biological, adoptive, step or foster). If the child only has one caregiver, only one was rated. If none of the caregivers are the child's father (biological, adoptive, step, or foster), those children were not included in the denominator.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> MISSING VALUES FathPhyH_1920 FatherMH_1920().  COMPUTE FatherHSt_1920 = 999. IF FathPhyH_1920 = 1 and FatherMH_1920 = 1 FatherHSt_1920 = 1. IF FathPhyH_1920 = 1 and (FatherMH_1920 = 2 or FatherMH_1920 = 3) FatherHSt_1920 = 2. IF (FathPhyH_1920 = 2 or FathPhyH_1920 = 3) and FatherMH_1920 = 1 FatherHSt_1920 = 2. IF (FathPhyH_1920 = 2 or FathPhyH_1920 = 3) and (FatherMH_1920 = 2 or FatherMH_1920 = 3) FatherHSt_1920 = 2. IF FathPhyH_1920 = 99 or FatherMH_1920 = 99 FatherHSt_1920 = 99. IF FathPhyH_1920 = 95 or FatherMH_1920 = 95 FatherHSt_1920 = 95. VARIABLE LABELS FatherHSt_1920 "Indicator 6.3: Overall physical and mental health status of children's fathers". VALUE LABELS FatherHSt_1920 </pre>	

1 "Physical & mental health BOTH excellent or very good"  
2 "One or both of physical & mental health are NOT excellent/very good"  
99 "Missing"  
95 "No father reported in the household as a primary caregiver of the child".  
MISSING VALUES FatherHSt\_1920(95,99).  
FORMATS FatherHSt\_1920(f2.0).  
EXECUTE.

MISSING VALUES FathPhyH\_1920 FatherMH\_1920(95,99).  
EXECUTE.

<b>Indicator 6.4</b>	<b>Someone living in the household smokes (Smoking_1920)</b>
<b>Description</b>	Does anyone living in this child's household use cigarettes, cigars, or pipe tobacco?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: I2; for children 6-11 years: I2; for children 12-17 years: I2 Variable in public use data file: K9Q40
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
The question "Does anyone smoke inside your home" was only asked if respondents who said "Yes" to "Does anyone living in your household use cigarettes, cigars, or pipe tobacco?" This measure shows the overall prevalence of both outcomes.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE smoking_1920 = K9Q40. VARIABLE LABELS smoking_1920 "Indicator 6.4: Tobacco use in household". VALUE LABELS smoking_1920 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES smoking_1920(99). FORMATS smoking_1920(f4.0). EXECUTE. </pre>	

<b>Indicator 6.4a</b>	<b>Someone smokes inside the home (SmkInside_1920)</b>
<b>Description</b>	Does anyone smoke inside this child's home?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: I2, I3; for children 6-11 years: I2, I3; for children 12-17 years: I2, I3 Variable in public use data file: K9Q40; K9Q41
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	No one smokes in the household; Someone smokes, not inside the house; Someone smokes inside the house
<b>Notes for Data-Users</b>	This measure was derived from a single item.
<b>Revisions and Changes</b>	There have been no substantive changes to this item or measure since 2016.
<b>SPSS Syntax and Annotation</b>	<pre> COMPUTE SmkInside_1920 = 999. IF K9Q40 = 2 SmkInside_1920 = 1. IF K9Q40 = 1 and K9Q41 = 2 SmkInside_1920 = 2. IF K9Q40 = 1 and K9Q41 = 1 SmkInside_1920 = 3. IF K9Q40=99 or K9Q41=99 SmkInside_1920 = 99. VARIABLE LABELS SmkInside_1920 "Indicator 6.4a: Someone smokes inside the home". VALUE LABELS SmkInside_1920 1 "No one smokes in the household" 2 "Someone smokes, not inside the house" 3 "Someone smokes inside the house" 99 "Missing". MISSING VALUES SmkInside_1920(99). FORMATS SmkInside_1920(f4.0). EXECUTE. </pre>

<b>Indicator 6.6</b>	<b>Family shares ideas, 6-17 years (ShareIdeas_1920)</b>
<b>Description</b>	How well can you and this child share ideas or talk about things that really matter, age 6-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 6-11 years: H7; for children 12-17 years: H7 Variable in public use data file: K8Q21
<b>Denominator</b>	Children age 6-17 years
<b>Numerator/Response Categories</b>	Very well; Somewhat well; Not very well or not very well at all
<b>Notes for Data-Users</b>	
This measure was derived from a single item. Please note that results for this question are weighted to reflect the population of children ages 6-17, not the population of parents. Results should be reported as: "Percent of children ages 6-17 who share ideas or talk very well with their parents", not as "Percent of parents..." .	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE K8Q21 (1=1) (2=2) (3 thru 4=3) (99=99) into ShareIdeas_1920. IF SC_AGE_YEARS &lt; 6 ShareIdeas_1920 = 90. VARIABLE LABELS ShareIdeas_1920 "Indicator 6.6: How well children share ideas or talk about things that really matter with their parents, age 6-17 years". VALUE LABELS ShareIdeas_1920 1 "Very well" 2 "Somewhat well" 3 "Not very well or Not very well at all" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES ShareIdeas_1920(90,99). FORMATS ShareIdeas_1920(f2.0). EXECUTE. </pre>	

<b>Indicator 6.7</b>	<b>Family reads to children, 0-5 years (readto_1920)</b>
<b>Description</b>	During the past week, how many days did you or other family members read to this child, age 0-5 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: H8 Variable in public use data file: K6Q60_R
<b>Denominator</b>	Children age 0-5 years
<b>Numerator/Response Categories</b>	0 days; 1-3 days; 4-6 days; Every day
<b>Notes for Data-Users</b>	
This measure was derived from a single item. Please note that results for this question are weighted to reflect the population of children ages 0-5, not the population of parents. Results should be reported as: "Percent of children ages 0-5 whose parents or family members read to them every day", not as "Percent of parents...".	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE readto_1920 = K6Q60_R. IF SC_AGE_YEARS &gt; 5 readto_1920 = 90. VARIABLE LABELS readto_1920 "Indicator 6.7: Number of days children were read aloud to during the past week, age 0-5 years". VALUE LABELS readto_1920 1 "No days" 2 "1-3 days" 3 "4-6 days" 4 "Every day" 99 "Missing" 90 "Children age 6-17 years". MISSING VALUES readto_1920(90,99). FORMATS readto_1920(f2.0). EXECUTE. </pre>	

<b>Indicator 6.8</b>	<b>Family sings and tells stories to children, 0-5 years (SingStory_1920)</b>
<b>Description</b>	During the past week, how many days did you or other family members tell stories or sing songs to this child?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: H9 Variable in public use data file: K6Q61_R
<b>Denominator</b>	Children age 0-5 years
<b>Numerator/Response Categories</b>	0 days; 1-3 days; 4-6 days; Every day
<b>Notes for Data-Users</b>	
This measure was derived from a single item. Please note that results for this question are weighted to reflect the population of children ages 0-5, not the population of parents or families. Results should be reported as: "Percent of children ages 0-5 years whose parents or family members sing or tell stories to children everyday", not as "Percent of parents...".	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE SingStory_1920 = K6Q61_R. IF SC_AGE_YEARS &gt; 5 SingStory_1920 = 90. VARIABLE LABELS SingStory_1920 "Indicator 6.8: Number of days children were sung to or told stories to during past week, age 0-5 years". VALUE LABELS SingStory_1920 1 "No days" 2 "1-3 days" 3 "4-6 days" 4 "Every day" 99 "Missing" 90 "Children age 6-17 years". MISSING VALUES SingStory_1920(90,99). FORMATS SingStory_1920(f2.0). EXECUTE. </pre>	

<b>Indicator 6.9</b>	<b>Family eats meals together (MealTogether_1920)</b>
<b>Description</b>	During the past week, on how many days did all the family members who live in the household eat a meal together?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: I1; for children 6-11 years: I1; for children 12-17 years: I1 Variable in public use data file: K8Q11
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	0 days; 1-3 days; 4-6 days; Every day
<b>Notes for Data-Users</b>	
Please note that results for this question are weighted to reflect the population of children ages 0-17, not the population of parents or families. Results should be reported as: "Percent of children whose family eats meals together every day", not as "Percent of families...".	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE K8Q11 (1=1) (2=2) (3=3) (4=4) (99=99) into MealTogether_1920. VARIABLE LABELS MealTogether_1920 "Indicator 6.9: Number of days family eats a meal together, children ages 0-17 years". VALUE LABELS MealTogether_1920 1 "No days" 2 "1-3 days" 3 "4-6 days" 4 "Every day" 99 "Missing". MISSING VALUES MealTogether_1920(99). FORMATS MealTogether_1920(f4.0). EXECUTE. </pre>	

<b>Indicator 6.10</b>	<b>Time spent in front of a TV, computer, cellphone or other electronic device (ScreenTime_1920)</b>
<b>Description</b>	On most weekdays, about how much time does this child usually spend in front of a TV, computer, cellphone or other electronic device watching programs, playing games, accessing the internet or using social media, not including schoolwork?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: H7; for children 6-11 years: H6; for children 12-17 years: H6 Variable in public use data file: SCREENTIME
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Less than 1 hour per day; 1 hour per day; 2 hours per day; 3 hours per day; 4 or more hours per day
<b>Notes for Data-Users</b>	
This measure was derived from a single survey item.	
<b>Revisions and Changes</b>	
There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE ScreenTime_1920 = SCREENTIME. VARIABLE LABELS ScreenTime_1920 "Indicator 6.10: Time spent in front of a TV, computer, cellphone or other electronic device watching programs, playing games, accessing the internet or using social media, not including schoolwork on most weekdays". VALUE LABELS ScreenTime_1920 1 "Less than 1 hour" 2 "1 hour" 3 "2 hours" 4 "3 hours" 5 "4 or more hours" 99 "Missing". MISSING VALUES ScreenTime_1920(99). FORMATS ScreenTime_1920(f2.0). EXECUTE. </pre>	

Indicator 6.12	Family resilience (FamResilience_1920)
Description	Does this child live in a home where the family demonstrates qualities of resilience during difficult times?
Survey Items Used	Survey instrument item number for children age 0-5 years: I6 (2019), I10 (2020); for children age 6-11 years: I6 (2019), I11 (2020); for children age 12-17 years: I6 (2019), I11 (2020) Variable in public use data file: HOPEFUL; STRENGTHS; TALKABOUT; WKTOSOLVE
Denominator	Children age 0-17 years
Numerator/Response Categories	All or most of the time to 0-1 items; All or most of the time to 2-3 items; All or most of the time to all 4 items
<b>Notes for Data-Users</b>	
This is a composite measure based on responses to the following 4 survey items: "When your family faces problems, how often are you likely to do each of the following?" (a) Talk together about what to do (TALKABOUT), (b) Work together to solve our problems (WKTOSOLVE), (c) Know we have strengths to draw on (STRENGTHS), and (d) Stay hopeful even in difficult times (HOPEFUL). Response options to the four items are: none of the time, some of the time, most of the time, or all of the time. In order to meet each individual indicator, a response of either most of the time or all of the time was required.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE TALKABOUT (1=1) (2=2) (3 thru 4 = 3) (99=99) into TalkAbout_1920. VARIABLE LABELS TalkAbout_1920 "Family members talk together about what to do when the family faces problems". VALUE LABELS TalkAbout_1920 1 "All of the time" 2 "Most of the time" 3 "Some/None of the time" 99 "Missing". MISSING VALUES TalkAbout_1920(99). FORMATS TalkAbout_1920(f4.0). EXECUTE.  RECODE WKTOSOLVE (1=1) (2=2) (3 thru 4 = 3) (99=99) into WrkToSolve_1920. VARIABLE LABELS WrkToSolve_1920 "Family members work together to solve the problem when the family faces problems". </pre>	

VALUE LABELS WrkToSolve\_1920

1 "All of the time"  
 2 "Most of the time"  
 3 "Some/None of the time"  
 99 "Missing".

MISSING VALUES WrkToSolve\_1920(99).

FORMATS WrkToSolve\_1920(f4.0).

EXECUTE.

RECODE STRENGTHS

(1=1) (2=2) (3 thru 4 = 3) (99=99) into strengths\_1920.

VARIABLE LABELS strengths\_1920 "Family members know we have strengths to draw on when the family faces problems".

VALUE LABELS strengths\_1920

1 "All of the time"  
 2 "Most of the time"  
 3 "Some/None of the time"  
 99 "Missing".

MISSING VALUES strengths\_1920(99).

FORMATS strengths\_1920(f4.0).

EXECUTE.

RECODE HOPEFUL

(1=1) (2=2) (3 thru 4 = 3) (99=99) into hopeful\_1920.

VARIABLE LABELS hopeful\_1920 "Family members stay hopeful even in difficult times when the family faces problems".

VALUE LABELS hopeful\_1920

1 "All of the time"  
 2 "Most of the time"  
 3 "Some/None of the time"  
 99 "Missing".

MISSING VALUES hopeful\_1920(99).

FORMATS hopeful\_1920(f4.0).

EXECUTE.

MISSING VALUES TalkAbout\_1920 WrkToSolve\_1920 strengths\_1920 hopeful\_1920().

COUNT CtFamRes\_1920 = TalkAbout\_1920 WrkToSolve\_1920 strengths\_1920 hopeful\_1920(1,2).

IF TalkAbout\_1920 = 99 and WrkToSolve\_1920 = 99 and strengths\_1920 = 99 and hopeful\_1920 = 99  
 CtFamRes\_1920 = 99.

VARIABLE LABELS CtFamRes\_1920 "Count of all of time and most of time responses".

COMPUTE FamResilience\_1920 = 999.

IF CtFamRes\_1920 <= 1 FamResilience\_1920 = 1.

IF CtFamRes\_1920 = 2 or CtFamRes\_1920 = 3 FamResilience\_1920 = 2.

IF CtFamRes\_1920 = 4 FamResilience\_1920 = 3.

IF CtFamRes\_1920 = 99 FamResilience\_1920 = 99.

VARIABLE LABELS FamResilience\_1920 "Indicator 6.12: Family flourishing composite measure".

```
VALUE LABELS FamResilience_1920
1 "All or most of the time to 0-1 items"
2 "All or most of the time to 2-3 items"
3 "All or most of the time to all 4 items"
99 "Missing to all 4 items".
MISSING VALUES FamResilience_1920(99).
FORMATS FamResilience_1920(f4.0).
EXECUTE.
```

Indicator 6.13	Adverse childhood experiences (ACE2more_1920)
Description	Has this child experienced one or more adverse childhood experiences from the list of 9 ACEs?
Survey Items Used	Survey instrument item number for children 0-5 years: I19a-h (2020), I12a-h (2019); for children 6-11 years: I10a-h (2020), I13a-h (2019); for children 12-17 years: I10a-h (2020), I13a-h (2019) Variables in public use data file: ACE1; ACE3; ACE4; ACE5; ACE6; ACE7; ACE8; ACE9; ACE10; ACE12
Denominator	Children age 0-17 years
Numerator/Response Categories	No adverse childhood experiences; One adverse childhood experience; Two or more adverse childhood experiences
<b>Notes for Data-Users</b>	
This is a composite measure of all the ACE items on the NSCH: hard to cover basics on family's income (ACE1); parent or guardian divorced or separated (ACE3); parent or guardian died (ACE4); parent or guardian served time in jail (ACE5); saw or heard parents or adults slap, hit, kick punch one another in the home (ACE6); was a victim of violence or witnessed violence in their neighborhood (ACE7); lived with anyone who was mentally ill, suicidal, or severely depressed (ACE8); lived with anyone who had a problem with alcohol or drugs (ACE9); treated or judged unfairly due to race/ethnicity (ACE10); treated or judged unfairly due to sexual orientation or gender identity (ACE12). When it came to the scoring of ACE1, a response of 'somewhat often' or 'very often' to the question "Since this child was born, how often has it been very hard to cover the basics, like food or housing, on your family's income?" was coded as an adverse childhood experience. The remaining survey items ACE3-ACE10 & ACE12 are dichotomous with 'Yes/No' response options. Finally, the ACE12 question was new to the 2020 survey and asked only of children aged 6 and up. It was not counted toward the composite score of younger children or any children surveyed as part of the 2019 NSCH, but it was included when and where that data was available.	
<b>Revisions and Changes</b>	
In 2018, the wording for ACE1 - experienced economic hardship - was changed. Though this change may have slightly impacted the prevalence of the individual item, the overall concept of a composite ACEs measure did not change. In addition, a new item ACE12 - treated or judged unfairly due to sexual orientation or gender identity, ages 6-17 years - was added to the 2020 NSCH. Although not included in the 2019 NSCH, it was included in the composite score for those responding in 2020. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<pre>COMPUTE ACEincome_1920 = ACE1. VARIABLE LABELS ACEincome_1920 "Adverse childhood experience: hard to cover the basics, like food or housing, on family's income". VALUE LABELS ACEincome_1920 1 "Never hard to get by on family income" 2 "Rarely hard to get by on family income"</pre>	

```
3 "Somewhat often hard to get by on family income"  
4 "Very often hard to get by on family income"  
99 "Missing".  
MISSING VALUES ACEincome_1920(99).  
FORMATS ACEincome_1920(f4.0).  
EXECUTE.
```

```
COMPUTE ACEincome2_1920 = 999.  
IF ACE1 = 3 or ACE1 = 4 ACEincome2_1920 = 1.  
IF ACE1 = 1 or ACE1 = 2 ACEincome2_1920 = 2.  
IF ACE1 = 99 ACEincome2_1920 = 99.  
VARIABLE LABELS ACEincome2_1920 "How often has it been hard to get by on your family's income -  
hard to cover basics like food or housing since the child was born?".  
VALUE LABELS ACEincome2_1920  
1 "Very often or somewhat often"  
2 "Never or rarely"  
99 "Missing".  
MISSING VALUES ACEincome2_1920(99).  
FORMATS ACEincome2_1920(f4.0).  
EXECUTE.
```

```
COMPUTE ACEdivorce_1920 = ACE3.  
VARIABLE LABELS ACEdivorce_1920 "Adverse childhood experience: child's parent or guardian  
divorced or separated".  
VALUE LABELS ACEdivorce_1920  
1 "Yes"  
2 "No"  
99 "Missing".  
MISSING VALUES ACEdivorce_1920(99).  
FORMATS ACEdivorce_1920(f4.0).  
EXECUTE.
```

```
COMPUTE ACEdeath_1920 = ACE4.  
VARIABLE LABELS ACEdeath_1920 "Adverse childhood experience: child's parent or guardian died".  
VALUE LABELS ACEdeath_1920  
1 "Yes"  
2 "No"  
99 "Missing".  
MISSING VALUES ACEdeath_1920(99).  
FORMATS ACEdeath_1920(f4.0).  
EXECUTE.
```

```
COMPUTE ACEjail_1920 = ACE5.  
VARIABLE LABELS ACEjail_1920 "Adverse childhood experience: child's parent or guardian served  
time in jail".  
VALUE LABELS ACEjail_1920  
1 "Yes"
```

```
2 "No"  
99 "Missing".  
MISSING VALUES ACEjail_1920(99).  
FORMATS ACEjail_1920(f4.0).  
EXECUTE.
```

```
COMPUTE ACEdomviol_1920 = ACE6.  
VARIABLE LABELS ACEdomviol_1920 "Adverse childhood experience: child witnessed domestic  
violence".  
VALUE LABELS ACEdomviol_1920  
1 "Yes"  
2 "No"  
99 "Missing".  
MISSING VALUES ACEdomviol_1920(99).  
FORMATS ACEdomviol_1920(f4.0).  
EXECUTE.
```

```
RECODE ACE7  
(99=99) (else=copy) into ACEneighviol_1920.  
VARIABLE LABELS ACEneighviol_1920 "Adverse childhood experience: child was victim or witness of  
neighborhood violence".  
VALUE LABELS ACEneighviol_1920  
1 "Yes"  
2 "No"  
99 "Missing".  
MISSING VALUES ACEneighviol_1920(99).  
FORMATS ACEneighviol_1920(f4.0).  
EXECUTE.
```

```
RECODE ACE8  
(99=99) (else=copy) into ACEmhealth_1920.  
VARIABLE LABELS ACEmhealth_1920 "Adverse childhood experience: child lived with anyone who  
was mentally ill, suicidal, or severely depressed".  
VALUE LABELS ACEmhealth_1920  
1 "Yes"  
2 "No"  
99 "Missing".  
MISSING VALUES ACEmhealth_1920(99).  
FORMATS ACEmhealth_1920(f4.0).  
EXECUTE.
```

```
COMPUTE ACEdrug_1920 = ACE9.  
VARIABLE LABELS ACEdrug_1920 "Adverse childhood experience: child lived with anyone who had a  
problem with alcohol or drugs".  
VALUE LABELS ACEdrug_1920  
1 "Yes"  
2 "No"  
99 "Missing".
```

MISSING VALUES ACEdrug\_1920(99).

FORMATS ACEdrug\_1920(f4.0).

EXECUTE.

COMPUTE ACEdiscrim\_1920 = ACE10.

VARIABLE LABELS ACEdiscrim\_1920 "Adverse childhood experience: child was treated or judged unfairly because of his/her race or ethnic group".

VALUE LABELS ACEdiscrim\_1920

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES ACEdiscrim\_1920(99).

FORMATS ACEdiscrim\_1920(f4.0).

EXECUTE.

COMPUTE ACEsexdiscrim\_20=ACE12\_20only.

VARIABLE LABELS ACEsexdiscrim\_20 "Adverse childhood experience: child was treated or judged unfairly because of his/her race or ethnic group".

VALUE LABELS ACEsexdiscrim\_20

1 "Yes"

2 "No"

90 "Children age 0-5 years"

99 "Missing".

MISSING VALUES ACEsexdiscrim\_20(99).

FORMATS ACEsexdiscrim\_20(f4.0).

EXECUTE.

MISSING VALUES ACEincome2\_1920 ACEdivorce\_1920 ACEdeath\_1920 ACEjail\_1920

ACEdomviol\_1920 ACEneighviol\_1920 ACEmhealth\_1920 ACEdrug\_1920 ACEdiscrim\_1920

ACEsexdiscrim\_20().

DO IF YEAR=2019.

COUNT ACEct\_1920 = ACEincome2\_1920 ACEdivorce\_1920 ACEdeath\_1920 ACEjail\_1920

ACEdomviol\_1920 ACEneighviol\_1920 ACEmhealth\_1920 ACEdrug\_1920 ACEdiscrim\_1920(1).

IF ACEincome2\_1920 = 99 and ACEdivorce\_1920 = 99 and ACEdeath\_1920 = 99 and ACEjail\_1920 = 99 and ACEdomviol\_1920 = 99 and ACEneighviol\_1920 = 99 and ACEmhealth\_1920 = 99 and ACEdrug\_1920 = 99 and ACEdiscrim\_1920 = 99 ACEct\_1920 = 99.

END IF.

DO IF YEAR=2020.

COUNT ACEct\_1920 = ACEincome2\_1920 ACEdivorce\_1920 ACEdeath\_1920 ACEjail\_1920

ACEdomviol\_1920 ACEneighviol\_1920 ACEmhealth\_1920 ACEdrug\_1920 ACEdiscrim\_1920

ACEsexdiscrim\_20(1).

IF ACEincome2\_1920 = 99 and ACEdivorce\_1920 = 99 and ACEdeath\_1920 = 99 and ACEjail\_1920 = 99 and ACEdomviol\_1920 = 99 and ACEneighviol\_1920 = 99 and ACEmhealth\_1920 = 99 and ACEdrug\_1920 = 99 and ACEdiscrim\_1920 = 99 and (ACEsexdiscrim\_20=99 or ACEsexdiscrim\_20=90) ACEct\_1920 = 99.

END IF.

VARIABLE LABELS ACEct\_1920 "Number of adverse childhood experiences, of 9 (10 in 2020) asked about".

VALUE LABELS ACEct\_1920

0 "No adverse childhood experiences"

99 "Missing to all items".

RECODE ACEct\_1920

(0=1) (1=2) (2 thru 10 =3) (99=99) into ACE2more\_1920.

VARIABLE LABELS ACE2more\_1920 "Indicator 6.13: Children experienced two or more adverse childhood experiences".

VALUE LABELS ACE2more\_1920

1 "No adverse childhood experiences"

2 "Experienced 1 adverse childhood experience"

3 "Experienced 2 or more adverse childhood experiences"

99 "Missing to all items".

MISSING VALUES ACE2more\_1920(99).

FORMATS ACE2more\_1920(f4.0).

EXECUTE.

Indicator 6.14	Parental aggravation (ParAggrav_1920)
Description	Does this child have parents who felt aggravated by parenting during the past month?
Survey Items Used	Survey instrument item number for children 0-5 years: H11a-c; for children 6-11 years: H9a-c; for children 12-17 years: H9a-c Variable in public use data file: K8Q31; K8Q32; K8Q34
Denominator	Children age 0-17 years
Numerator/Response Categories	Parents usually/always feel aggravation from parenting; Parents seldom feel aggravation from parenting
<b>Notes for Data-Users</b>	
<p>Parents who "often feel aggravated" are defined as parents who reported that during the last month, on average, they usually or always felt their child was much harder to care for than other children (K8Q31), or were usually or always bothered a lot by their child's behavior (K8Q32), or usually or always felt angry with their children (K8Q34).</p> <p>Please note that results for this measure are weighted to reflect the population of children ages 0-17, not the population of parents. The accurate way to report these results are: "Percent of children ages 0-17 living with parents who report often feeling aggravated from parenting", not as "Percent of parents...".</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE K8Q31 (1=1) (2=2) (3=3) (4 thru 5 = 4) (99=99) into DiffCare_1920. VARIABLE LABELS DiffCare_1920 "Parent felt child is much harder to care for than most children during the past month". VALUE LABELS DiffCare_1920 1 "Never" 2 "Rarely" 3 "Sometimes" 4 "Usually or always" 99 "Missing". MISSING VALUES DiffCare_1920(99). FORMATS DiffCare_1920(f4.0). EXECUTE.  RECODE K8Q32 (1=1) (2=2) (3=3) (4 thru 5 = 4) (99=99) into bother_1920. VARIABLE LABELS bother_1920 "Parent felt that their child does things that bother them during the past month". </pre>	

VALUE LABELS bother\_1920

1 "Never"  
2 "Rarely"  
3 "Sometimes"  
4 "Usually or always"  
99 "Missing".

MISSING VALUES bother\_1920(99).

FORMATS bother\_1920(f4.0).

EXECUTE.

RECODE K8Q34

(1=1) (2=2) (3=3) (4 thru 5 = 4) (99=99) into angry\_1920.

VARIABLE LABELS angry\_1920 "Parent felt angry with child during the past month".

VALUE LABELS angry\_1920

1 "Never"  
2 "Rarely"  
3 "Sometimes"  
4 "Usually or always"  
99 "Missing".

MISSING VALUES angry\_1920(99).

FORMATS angry\_1920(f4.0).

EXECUTE.

MISSING VALUES DiffCare\_1920 bother\_1920 angry\_1920().

COUNT ParAgg\_ct = DiffCare\_1920 bother\_1920 angry\_1920(4).

IF DiffCare\_1920=99 and bother\_1920=99 and angry\_1920=99 ParAgg\_ct = 99.

VARIABLE LABELS ParAgg\_ct "Number of usually or always responses to three forms of stress reported by parents during the past month".

COMPUTE ParAggrav\_1920 = 999.

IF ParAgg\_ct >= 1 ParAggrav\_1920 = 1.

IF ParAgg\_ct = 0 ParAggrav\_1920 = 2.

IF ParAgg\_ct = 99 ParAggrav\_1920 = 99.

VARIABLE LABELS ParAggrav\_1920 "Indicator 6.14: Children whose parents who felt stress from parenting during the past month".

VALUE LABELS ParAggrav\_1920

1 "Parent usually/always feels aggravation from parenting"

2 "Parent seldom feels aggravation from parenting"

99 "Missing to all 3 items".

MISSING VALUES ParAggrav\_1920(99).

FORMATS ParAggrav\_1920(f4.0).

EXECUTE.

MISSING VALUES DiffCare\_1920 bother\_1920 angry\_1920(99).

<b>Indicator 6.15</b>	<b>Parent receives emotional help with parenting (EmSupport_1920)</b>
<b>Description</b>	During the past 12 months, was there someone that you could turn to for day-to-day emotional support with parenting or raising children?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: H12; for children 6-11 years: H10; for children 12-17 years: H10 Variable in public use data file: K8Q35
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
This measure was derived from a single item. Please note that results for this measure are weighted to reflect the population of children ages 0-17, not the population of parents. Results should be reported as: "Percent of children ages 0-17 living with parents who have someone to turn to for day-to-day emotional support with parenting or raising children", not as "Percent of parents...".	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE EmSupport_1920 = K8Q35. VARIABLE LABELS EmSupport_1920 "Indicator 6.15: Children living with parents who have someone that they could turn to for day-to-day emotional support with parenting or raising children". VALUE LABELS EmSupport_1920 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES EmSupport_1920(99). FORMATS EmSupport_1920(f4.0). EXECUTE.  *Sources of Emotional Support  COMPUTE EmSSpouse_1920 = EMOSUPSPO. IF K8Q35 = 2 EmSSpouse_1920 = 3. VARIABLE LABELS EmSSpouse_1920 "Children whose parents had day-to-day emotional support with parenting or raising children from their spouse or domestic partner". VALUE LABELS EmSSpouse_1920 1 "Received emotional support from spouse or domestic partner" 2 "Received emotional support, but not from spouse or domestic partner" 3 "Did not receive emotional support in the past 12 months" 99 "Missing". </pre>	

MISSING VALUES EmSSpouse\_1920(99).

FORMATS EmSSpouse\_1920(f4.0).

EXECUTE.

COMPUTE EmSFamily\_1920 = EMOSUPFAM.

IF K8Q35 = 2 EmSFamily\_1920 = 3.

VARIABLE LABELS EmSFamily\_1920 "Children whose parents received day-to-day emotional support with parenting or raising children from other family member or close friend".

VALUE LABELS EmSFamily\_1920

1 "Received emotional support from other family member or close friend"

2 "Received emotional support, but not from other family member or close friend"

3 "Did not receive emotional support in the past 12 months"

99 "Missing".

MISSING VALUES EmSFamily\_1920(99).

FORMATS EmSFamily\_1920(f4.0).

EXECUTE.

COMPUTE EmSProvider\_1920 = EMOSUPHCP.

IF K8Q35 = 2 EmSProvider\_1920 = 3.

VARIABLE LABELS EmSProvider\_1920 "Children whose parents received day-to-day emotional support with parenting or raising children from health care provider".

VALUE LABELS EmSProvider\_1920

1 "Received emotional support from a health care provider"

2 "Received emotional support, but not from a health care provider"

3 "Did not receive emotional support in the past 12 months"

99 "Missing".

MISSING VALUES EmSProvider\_1920(99).

FORMATS EmSProvider\_1920(f4.0).

EXECUTE.

COMPUTE EmSWorship\_1920 = EMOSUPWOR.

IF K8Q35 = 2 EmSWorship\_1920 = 3.

VARIABLE LABELS EmSWorship\_1920 "Children whose parents received day-to-day emotional support with parenting or raising children from a place of worship or religious leader".

VALUE LABELS EmSWorship\_1920

1 "Received emotional support from a place of worship"

2 "Received emotional support, but not from a place of worship"

3 "Did not receive emotional support in the past 12 months"

99 "Missing".

MISSING VALUES EmSWorship\_1920(99).

FORMATS EmSWorship\_1920(f4.0).

EXECUTE.

COMPUTE EmSSupGrp\_1920 = EMOSUPADV.

IF K8Q35 = 2 EmSSupGrp\_1920 = 3.

VARIABLE LABELS EmSSupGrp\_1920 "Children whose parents received day-to-day emotional support with parenting or raising children from support or advocacy group related to specific health condition".

VALUE LABELS EmSSupGrp\_1920

- 1 "Received emotional support from advocacy or support group"
- 2 "Received emotional support, but not from advocacy or support group"
- 3 "Did not receive emotional support in the past 12 months"
- 99 "Missing".

MISSING VALUES EmSSupGrp\_1920(99).

FORMATS EmSSupGrp\_1920(f4.0).

EXECUTE.

COMPUTE EmSPeer\_1920 = EMOSUPPEER.

IF K8Q35 = 2 EmSPeer\_1920 = 3.

VARIABLE LABELS EmSPeer\_1920 "Children whose parents received day-to-day emotional support with parenting or raising children from a peer support group".

VALUE LABELS EmSPeer\_1920

- 1 "Received emotional support from a peer group"
- 2 "Received emotional support, but not from a peer group"
- 3 "Did not receive emotional support in the past 12 months"
- 99 "Missing".

MISSING VALUES EmSPeer\_1920(99).

FORMATS EmSPeer\_1920(f4.0).

EXECUTE.

COMPUTE EmSMental\_1920 = EMOSUPMHP.

IF K8Q35 = 2 EmSMental\_1920 = 3.

VARIABLE LABELS EmSMental\_1920 "Children whose parents received day-to-day emotional support with parenting or raising children from a counselor or other mental health professional".

VALUE LABELS EmSMental\_1920

- 1 "Received emotional support from a mental health professional"
- 2 "Received emotional support, but not from a mental health professional"
- 3 "Did not receive emotional support in the past 12 months"
- 99 "Missing".

MISSING VALUES EmSMental\_1920(99).

FORMATS EmSMental\_1920(f4.0).

EXECUTE.

<b>Indicator 6.16</b>	<b>Coping with daily demands of raising children (ParCoping_1920)</b>
<b>Description</b>	How well do you think you are handling the day-to-day demands of raising children?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: H10; for children 6-11 years: H8; for children 12-17 years: H8 Variable in public use data file: K8Q30
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Very well; Somewhat well, not very well or not very well at all
<b>Notes for Data-Users</b>	
This measure was derived from a single item. Please note that results for this question are weighted to reflect the population of children ages 0-17, not the population of parents. Results should be reported as: "Percent of children ages 0-17 living with parents who are coping with the demands of raising children", not as "Percent of parents...".	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<p>RECODE K8Q30  (1=1) (2=2) (3 thru 4=3) (99=99) into ParCoping_1920.  VARIABLE LABELS ParCoping_1920 "Indicator 6.16: Coping with day-to-day demands of raising children".  VALUE LABELS ParCoping_1920  1 "Very well"  2 "Somewhat well"  3 "Not very well or Not very well at all"  99 "Missing".  MISSING VALUES ParCoping_1920(99).  FORMATS ParCoping_1920(f2.0).  EXECUTE.</p>	

<b>Indicator 6.17</b>	<b>Job change due to problems with child care, age 0-5 years (JobChange_1920)</b>
<b>Description</b>	During the past 12 months, did you or anyone in the family have to quit a job, not take a job, or greatly change your job because of problems with child care for this child, age 0-5 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: H15 Variable in public use data file: K6Q27
<b>Denominator</b>	Children age 0-5 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
This measure was derived from a single item. Please note that results for this question are weighted to reflect the population of children ages 0-5, not the population of parents. Results should be reported as: "Percent of children ages 0-5 living with parents who had a job change due to problems with child care", not as "Percent of parents...".	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE JobChange_1920 = K6Q27. IF SC_AGE_YEARS &gt; 5 JobChange_1920 = 90. VARIABLE LABELS JobChange_1920 "Indicator 6.17: Children whose family members had to quit a job, not take a job, or greatly change their job because of problems with child care, age 0-5 years". VALUE LABELS JobChange_1920 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 6-17 years". MISSING VALUES JobChange_1920(90,99). FORMATS JobChange_1920(f4.0). EXECUTE. </pre>	

<b>Indicator 6.18</b>	<b>Left a job, took a leave of absence or cut back hours due to child's health (StopCutWork_1920)</b>
<b>Description</b>	During the past 12 months, have you or other family members left a job, taken a leave of absence, or cut down on the hours you work because of this child's health or health conditions?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: F4a, b; for children 6-11 years: F4a, b; for children 12-17 years: F4a, b Variable in public use data file: CUTHOURS; STOPWORK
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Family member cut back hours or stopped working or both; Employment not affected
<b>Notes for Data-Users</b>	
<p>This measure combines the concepts of family members "cutting down on hours worked" (CUTHOURS) and/or "left a job, took a leave of absence" altogether because of their children's health and health conditions (STOPWORK). To be included in the numerator of this measure, the child may have a "Yes" response to either STOPWORK, CUTHOURS, or both.</p> <p>Please note that results for this question are weighted to reflect the population of children ages 0-17, not the population of parents. Results should be reported as: "Percent of children ages 0-17 living with parents who had to stop working or cut back hours due to child's health", not as "Percent of parents...".</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE StopCutWork_1920 = 999. IF STOPWORK = 2 or CUTHOURS = 2 StopCutWork_1920 = 2. IF STOPWORK = 1 or CUTHOURS = 1 StopCutWork_1920 = 1. IF STOPWORK=99 and CUTHOURS=99 StopCutWork_1920 = 99. VARIABLE LABELS StopCutWork_1920 "Indicator 6.18: Children whose family members left a job, took a leave of absence or cut back hours due to child's health". VALUE LABELS StopCutWork_1920 1 "Family member left a job or take leave of absence or both" 2 "Employment not affected and leave of absence not taken" 99 "Missing to both". MISSING VALUES StopCutWork_1920(99). FORMATS StopCutWork_1920(f4.0). EXECUTE. </pre>	

<b>Indicator 6.19</b>	<b>Avoided changing jobs to maintain insurance (AvoidChng_1920)</b>
<b>Description</b>	During the past 12 months, have you or other family members avoided changing jobs because of concerns about maintaining health insurance for this child?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: F4c; for children 6-11 years: F4c; for children 12-17 years: F4c Variable in public use data file: AVOIDCHG
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
This measure was derived from a single item. Please note that results for this question are weighted to reflect the population of children ages 0-17, not the population of parents. Results should be reported as: "Percent of children ages 0-17 living with parents who avoided changing jobs to maintain insurance", not as "Percent of parents...".	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE AvoidChng_1920 = AVOIDCHG. VARIABLE LABELS AvoidChng_1920 "Indicator 6.19: Children whose family member(s) avoided changing jobs because of concerns about maintaining health insurance". VALUE LABELS AvoidChng_1920 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES AvoidChng_1920(99). FORMATS AvoidChng_1920(f4.0). EXECUTE. </pre>	

<b>Indicator 6.20a</b>	<b>Time spent providing at home health care for children who needed it (HomeCare_1920)</b>
<b>Description</b>	In an average week, how many hours do you or other family members spend providing health care at home for this child?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: F5; for children 6-11 years: F5; for children 12-17 years: F5 Variable in public use data file: ATHOMEHC
<b>Denominator</b>	Children age 0-17 years who needed at home care
<b>Numerator/Response Categories</b>	Less than 1 hour per week; 1-4 hours per week; 5-10 hours per week; 11 or more hours per week
<b>Notes for Data-Users</b>	
This measure was derived from a single item. This survey question defines "home health care" as care that might include changing bandages and providing medication and therapies when needed.	
<b>Revisions and Changes</b>	
There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes etc. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE ATHOMEHC (2=1) (3=2) (4=3) (5=4) (6=95) (else=copy) into HomeCare_1920. VARIABLE LABELS HomeCare_1920 "Indicator 6.20a: Number of hours spent providing health care at home for child in an average week". VALUE LABELS HomeCare_1920 1 "Less than 1" 2 "1-4" 3 "5-10" 4 "11 or more" 95 "The child does not need health care provided on a weekly basis" 99 "Missing". MISSING VALUES HomeCare_1920(95,99). FORMATS HomeCare_1920(f4.0). EXECUTE. </pre>	

<b>Indicator 6.20b</b>	<b>Time spent coordinating health care for children who needed it (TimeCoord_1920)</b>
<b>Description</b>	In an average week, how many hours do you or other family members spend arranging or coordinating health or medical care for this child?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: F6; for children 6-11 years: F6; for children 12-17 years: F6 Variable in public use data file: ARRANGEHC
<b>Denominator</b>	Children age 0-17 years who needed care coordination
<b>Numerator/Response Categories</b>	Less than 1 hour per week; 1-4 hours per week; 5-10 hours per week; 11 or more hours per week
<b>Notes for Data-Users</b>	
This measure was derived from a single item. This survey question defines "arranging or coordinating health care" as making appointments and locating services.	
<b>Revisions and Changes</b>	
There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes etc. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE ARRANGEHC (6=95) (2=1) (3=2) (4=3) (5=4) (99=99) into TimeCoord_1920 . VARIABLE LABELS TimeCoord_1920 "Indicator 6.20b: Number of hours spent coordinating health care for child in an average week". VALUE LABELS TimeCoord_1920 1 "Less than 1" 2 "1-4" 3 "5-10" 4 "11 or more" 95 "This child does not need health care coordinated on a weekly basis" 99 "Missing". MISSING VALUES TimeCoord_1920(95,99). FORMATS TimeCoord_1920(f4.0). EXECUTE. </pre>	

<b>Indicator 6.21</b>	<b>Received child care from others at least 10 hours/week, age 0-5 years (Care10hrs_1920)</b>
<b>Description</b>	Does this child receive care for at least 10 hours per week from someone other than his or her parent or guardian, age 0-5 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: H14 Variable in public use data file: K6Q20
<b>Denominator</b>	Children age 0-5 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
This measure was derived from a single item. Care received from others was defined as a day care center, preschool, Head Start program, nanny, au pair, or any other non-relative.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE Care10hrs_1920 = K6Q20. IF SC_AGE_YEARS &gt; 5 Care10hrs_1920 = 90. VARIABLE LABELS Care10hrs_1920 "Indicator 6.21: Received care from others at least 10 hours per week, age 0-5 years". VALUE LABELS Care10hrs_1920 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 6-17 years". MISSING VALUES Care10hrs_1920(90,99). FORMATS Care10hrs_1920(f4.0). EXECUTE. </pre>	

Indicator 6.22	Sleep position, 0-12 months (SleepPos_1920)
Description	In which position do you most often lay this baby down to sleep now, age 0-12 months?
Survey Items Used	Survey instrument item number for children 0-5 years: H6 Variable in public use data file: SLEEPPOS
Denominator	Children age 0-1 years
Numerator/Response Categories	On his or her back; On his or her side/stomach
Notes for Data-Users	<p>In 1992, the American Academy of Pediatrics released a statement which recommended that infants should be placed on their back. In 2011, the AAP expanded its policy statement to include safe sleep environment. The AAP policy statement states that "To reduce the risk of SIDS, infants should be placed for sleep in a supine position (wholly on the back) for every sleep by every caregiver until 1 year of life. Side sleeping is not safe and is not advised." The policy statement is accessible through the <a href="#">AAP website</a>.</p>
Revisions and Changes	There have been no substantive changes to this item or measure since 2016.
SPSS Syntax and Annotation	<pre> RECODE SLEEPPOS (1=2) (2=1) (else=copy) into SleepPos_1920. IF SC_AGE_YEARS &gt;= 1 SleepPos_1920 = 90. VARIABLE LABELS SleepPos_1920 "Indicator 6.22: Sleep position, age 0-12 months". VALUE LABELS SleepPos_1920 1 "On his or her back" 2 "On his or her side" 3 "On his or her stomach" 90 "Children age 1-17 years" 99 "Missing". MISSING VALUES SleepPos_1920(90,95,99). FORMATS SleepPos_1920(f2.0). EXECUTE. </pre>

<b>Indicator 6.24</b>	<b>Child goes to bed same time on weeknights (BedTime_1920)</b>
<b>Description</b>	How often does this child go to bed at about the same time on weeknights?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: H4; for children 6-11 years: H4; for children 12-17 years: H4 Variable in public use data file: BEDTIME
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Always; Usually; Sometimes; Rarely or never
<b>Notes for Data-Users</b>	
This measure was derived from a single item.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE BEDTIME (4 thru 5=4) (else=copy) into BedTime_1920. VARIABLE LABELS BedTime_1920 "Indicator 6.24: Go to bed at the same time on weeknights". VALUE LABELS BedTime_1920 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Rarely or never" 99 "Missing". MISSING VALUES BedTime_1920(99). FORMATS BedTime_1920(f2.0). EXECUTE. </pre>	

Indicator 6.25	Adequate amount of sleep, age 4 months-17 years (HrsSleep_1920)
<b>Description</b>	During the past week, how many hours of sleep did this child get during an average day (count both nighttime sleep and naps) (0-5 years)/on most weeknights (6-17 years), age 4 months-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: H5; for children 6-11 years: H5; for children 12-17 years: H5 Variable in public use data file: HOURSLEEP; HOURSLEEP05
<b>Denominator</b>	Children age 4 months-17 years
<b>Numerator/Response Categories</b>	Child sleeps recommended age-appropriate hours; Child sleeps less than recommended age-appropriate hours
<b>Notes for Data-Users</b>	
<p>Not getting enough sleep on a regular basis leads to increases in some types of health problems/conditions such as hypertension, injuries, obesity, and depression, etc. The American Academy of Pediatrics endorsed a guideline developed by the American Academy of Sleep Medicine, "Recommended sleep duration for children from infants to teens". The guideline recommends the following sleep hours:</p> <p>Infants 4 months to 12 months should sleep 12 to 16 hours per 24 hours (including naps)</p> <p>Children 1 to 2 years of age should sleep 11 to 14 hours per 24 hours (including naps)</p> <p>Children 3 to 5 years of age should sleep 10 to 13 hours per 24 hours (including naps)</p> <p>Children 6 to 12 years of age should sleep 9 to 12 hours per 24 hours</p> <p>Teenagers 13 to 18 years of age should sleep 8 to 10 hours per 24 hours. More information can be obtained from the <a href="#">AAP website</a>.</p>	
<b>Revisions and Changes</b>	
<p>There have been no substantive changes to this item or measure since 2016.</p>	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE HrsSleep_1920 = 999. DO IF SC_AGE_LT4 = 2 and SC_AGE_YEARS = 0. IF HOURSLEEP05 &lt; 7 HrsSleep_1920 = 2. IF HOURSLEEP05 = 7 HrsSleep_1920 = 1. END IF. DO IF SC_AGE_YEARS &gt; 0 and SC_AGE_YEARS &lt; 3. IF HOURSLEEP05 &lt; 6 HrsSleep_1920 = 2. IF HOURSLEEP05 = 6 or HOURSLEEP05 = 7 HrsSleep_1920 = 1. END IF. DO IF SC_AGE_YEARS &gt; 2 and SC_AGE_YEARS &lt; 6. IF HOURSLEEP05 &lt; 5 HrsSleep_1920 = 2. IF HOURSLEEP05 &gt; 4 HrsSleep_1920 = 1. END IF. </pre>	

```
DO IF SC_AGE_YEARS > 5 and SC_AGE_YEARS < 13.  
IF HOURSLEEP < 5 HrsSleep_1920 = 2.  
IF HOURSLEEP > 4 HrsSleep_1920 = 1.  
END IF.  
DO IF SC_AGE_YEARS > 12.  
IF HOURSLEEP < 4 HrsSleep_1920 = 2.  
IF HOURSLEEP > 3 HrsSleep_1920 = 1.  
END IF.  
IF HOURSLEEP=99 or HOURSLEEP05=99 HrsSleep_1920 = 99.  
IF SC_AGE_LT4 = 1 HrsSleep_1920 = 95.  
VARIABLE LABELS HrsSleep_1920 "Indicator 6.25: Child slept recommended age-appropriate hours  
during an average day/on most weeknights, age 4 months - 17".  
VALUE LABELS HrsSleep_1920  
1 "Yes"  
2 "No"  
99 "Missing"  
95 "Children less than 4 months old".  
MISSING VALUES HrsSleep_1920(95,99).  
FORMATS HrsSleep_1920(f4.0).  
EXECUTE.
```

Indicator 6.26	Food insufficiency (FoodSit_1920)
Description	Which of these statements best describes your household's ability to afford the food you need during the past 12 months?
Survey Items Used	Survey instrument item number for children 0-5 years: I5 (2020), I8 (2019); for children 6-11 years: I5 (2020), I8 (2019); for children 12-17 years: I5 (2020), I8 (2019) Variable in public use data file: FOODSIT
Denominator	Children age 0-17 years
Numerator/Response Categories	We could always afford to eat good nutritious meals; We could always afford enough to eat but not always the kinds of food we should eat; Sometimes we could not afford enough to eat; Often we could not afford enough to eat
<b>Notes for Data-Users</b>	
This measure was derived from a single item.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE FoodSit_1920 = FOODSIT. VARIABLE LABELS FoodSit_1920 "Indicator 6.26: Food situation in child's household in the past 12 months". VALUE LABELS FoodSit_1920 1 "We could always afford to eat good nutritious meals" 2 "We could always afford enough to eat but not always the kinds of food we should eat" 3 "Sometimes we could not afford enough to eat" 4 "Often we could not afford enough to eat" 99 "Missing". MISSING VALUES FoodSit_1920(99). FORMATS FoodSit_1920(f4.0). EXECUTE. </pre>	

Indicator 6.27	Received food or cash assistance (FoodCash_1920)
Description	Does this child live in a household that received food or cash assistance at any time during the past 12 months, even for month?
Survey Items Used	Survey instrument item number for children 0-5 years: I6a-d (2020), I9a-d (2019); for children 6-11 years: I6 a-d (2020), I9 a-d (2019); for children 12-17 years: I6 a-d (2020), I9 a-d (2019) Variable in public use data file: K11Q60; K11Q61; K11Q62; S9Q34
Denominator	Children age 0-17 years
Numerator/Response Categories	Did not receive food or cash assistance; Received 1-2 types of assistance; Received 3-4 types of assistance
Notes for Data-Users	This is a composite measure based on responses to the following 4 survey items that ask about whether someone in the child's family received: (a) cash assistance from government welfare program; (b) Food Stamps or Supplemental Nutrition Assistance Program benefits; (c) free or reduced-cost breakfasts or lunches at school during the past 12 months; or (d) benefits from the Woman, Infants, and Children (WIC) Program at any time during the past 12 months, even for one month.
Revisions and Changes	There have been no substantive changes to this item or measure since 2016.
SPSS Syntax and Annotation	<pre>COUNT FoodCash_ct = S9Q34 K11Q60 K11Q61 K11Q62(1). IF S9Q34=99 and K11Q60=99 and K11Q61=99 and K11Q62=99 FoodCash_ct = 99. VARIABLE LABELS FoodCash_ct "Number of types of food and cash assistance from 4 types asked about".  RECODE FoodCash_ct (0=2) (1 thru 4 = 1) (99=99) into FoodCash2_1920. VARIABLE LABELS FoodCash2_1920 "Indicator 6.27: Received food or cash assistance during the past 12 months". VALUE LABELS FoodCash2_1920 1 "Received any food or cash assistance" 2 "Did not receive food or cash assistance" 99 "Missing". MISSING VALUES FoodCash2_1920(99). FORMATS FoodCash2_1920(f4.0). EXECUTE.</pre> <p>***Individual items</p>

```
COMPUTE WIC_1920 = S9Q34.  
VARIABLE LABELS WIC_1920 "Someone in the family received benefits from the WIC Program at any time during the past 12 months".  
VALUE LABELS WIC_1920  
1 "Yes"  
2 "No"  
99 "Missing".  
MISSING VALUES WIC_1920(99).  
FORMATS WIC_1920(f4.0).  
EXECUTE.
```

```
COMPUTE CashAss_1920 = K11Q60.  
VARIABLE LABELS CashAss_1920 "Someone in the family received cash assistance from government at any time during the past 12 months".  
VALUE LABELS CashAss_1920  
1 "Yes"  
2 "No"  
99 "Missing".  
MISSING VALUES CashAss_1920(99).  
FORMATS CashAss_1920(f4.0).  
EXECUTE.
```

```
COMPUTE FoodStamp_1920 = K11Q61.  
VARIABLE LABELS FoodStamp_1920 "Someone in the family received Food Stamps or Supplemental Nutrition Assistance Program benefits at any time during the past 12 months".  
VALUE LABELS FoodStamp_1920  
1 "Yes"  
2 "No"  
99 "Missing".  
MISSING VALUES FoodStamp_1920(99).  
FORMATS K11Q61(f4.0).  
EXECUTE.
```

```
COMPUTE MealFree_1920 = K11Q62.  
VARIABLE LABELS MealFree_1920 "Someone in the family received free or reduced-cost breakfasts or lunches at school at any time during the past 12 months".  
VALUE LABELS MealFree_1920  
1 "Yes"  
2 "No"  
99 "Missing".  
MISSING VALUES MealFree_1920(99).  
FORMATS MealFree_1920(f4.0).  
EXECUTE.
```

***Neighborhood Safety and Support***

<b>Indicator 7.1</b>	<b>Supportive neighborhood (NbhdSupp_1920)</b>
<b>Description</b>	Does this child live in a supportive neighborhood?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: I8a, b, d (2020), I11a, b, d (2019); for children 6-11 years: I8a, b, d (2020), I11a, b, d (2019); for children 12-17 years: I8a, b, d (2020), I11a, b, d (2019) Variable in public use data file: GOFORHELP; K10Q30; K10Q31
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Child lives in supportive neighborhood; Does not live in supportive neighborhood
<b>Notes for Data-Users</b>	
This measure is referred to in various contexts as “neighborhood support,” “neighborhood cohesion,” and “social capital” – and is derived from responses to three statements: 1) People in this neighborhood help each other out (K10Q30); 2) We watch out for each other’s children in this neighborhood (K10Q31); and 3) When we encounter difficulties, we know where to go for help in our community (GOFORHELP). Respondents were asked whether they definitely agree, somewhat agree, somewhat disagree, or definitely disagree with each statement. Only children with valid responses on all three items are included in the denominator. In the NSCH, children are considered to live in supportive neighborhoods if their parents reported “definitely agree” to at least one of the items above and “somewhat agree” or “definitely agree” to the other two items.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE NbhdSupp_1920=999. IF (K10Q30&gt;=2) or (K10Q31&gt;=2) or (GOFORHELP&gt;=2) NbhdSupp_1920=2. IF (K10Q30=1) and (K10Q31&lt;=2) and (GOFORHELP&lt;=2) NbhdSupp_1920=1. IF (K10Q30&lt;=2) and (K10Q31=1) and (GOFORHELP&lt;=2) NbhdSupp_1920=1. IF (K10Q30&lt;=2) and (K10Q31&lt;=2) and (GOFORHELP=1) NbhdSupp_1920=1. IF K10Q30=99 or K10Q31=99 or GOFORHELP=99 NbhdSupp_1920=99. VARIABLE LABELS NbhdSupp_1920 "Indicator 7.1: Children who live in supportive neighborhood". VALUE LABELS NbhdSupp_1920 1 "Yes" 2 "No" 99 "Missing to any". MISSING VALUES NbhdSupp_1920(99). FORMATS NbhdSupp_1920(f2.0). EXECUTE. </pre>	

<b>Indicator 7.2</b>	<b>Safe neighborhood (NbhdSafe_1920)</b>
<b>Description</b>	Does this child live in a safe neighborhood?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: I8c (2020), I11c (2019); for children 6-11 years: I8c (2020), I11c (2019); for children 12-17 years: I8c (2020), I11c (2019) Variable in public use data file: K10Q40_R
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Definitely agree; Somewhat agree; Somewhat or definitely disagree
<b>Notes for Data-Users</b>	
This measure was derived from a single item.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE K10Q40_R (1=1) (2=2) (3 thru 4=3) (99=99) into NbhdSafe_1920. VARIABLE LABELS NbhdSafe_1920 "Indicator 7.2: Children live in safe neighborhoods". VALUE LABELS NbhdSafe_1920 1 "Definitely agree" 2 "Somewhat agree" 3 "Somewhat/Definitely disagree" 99 "Missing". FORMATS NbhdSafe_1920(f2.0). MISSING VALUES NbhdSafe_1920(99). EXECUTE. </pre>	

<b>Indicator 7.3</b>	<b>Safe school, age 6-17 years (SchlSafe_1920)</b>
<b>Description</b>	Is this child safe at school, age 6-17 years?
<b>Survey Items Used</b>	Survey instrument item number for children 6-11 years: I8e (2020), I11e (2019); for children 12-17 years: I8e (2020), I11e (2019) Variable in public use data file: K10Q41_R
<b>Denominator</b>	Children age 6-17 years
<b>Numerator/Response Categories</b>	Definitely agree; Somewhat agree; Somewhat or definitely disagree
<b>Notes for Data-Users</b>	This measure was derived from a single item.
<b>Revisions and Changes</b>	There have been no substantive changes to this item or measure since 2016.
<b>SPSS Syntax and Annotation</b>	<pre> RECODE K10Q41_R (1=1) (2=2) (3 thru 4=3) (90=90) (99=99) into SchlSafe_1920. IF SC_AGE_YEARS &lt; 6 SchlSafe_1920 = 90. VARIABLE LABELS SchlSafe_1920 "Indicator 7.3: Safe schools, age 6-17 years". VALUE LABELS SchlSafe_1920 1 "Definitely agree" 2 "Somewhat agree" 3 "Somewhat or definitely disagree" 99 "Missing" 90 "Children age 0-5 years". FORMATS SchlSafe_1920(f2.0). MISSING VALUES SchlSafe_1920(90,99). EXECUTE. </pre>

Indicator 7.4	Neighborhood amenities (NbhdAmenities_1920)
Description	Does this child live in a neighborhood that contains certain amenities -- parks, recreation centers, sidewalks or libraries?
Survey Items Used	Survey instrument item number for children 0-5 years: I7a-d (2020), I10a-d (2019); for children 6-11 years: I7a-d (2020), I10a-d (2019); for children 12-17 years: I7a-d (2020), I10a-d (2019) Variable in public use data file: K10Q11; K10Q12; K10Q13; K10Q14
Denominator	Children age 0-17 years
Numerator/Response Categories	Neighborhood does not contain any amenities; Neighborhood contains 1 amenity; Neighborhood contains 2 amenities; Neighborhood contains 3 amenities; Neighborhood contains all 4 amenities
<b>Notes for Data-Users</b>	
This measure counts how many of four amenities - sidewalks or walking paths (K10Q11), parks or playgrounds (K10Q12), recreation centers, community centers, or boys' and girls' club (K10Q13), or libraries or bookmobiles (K10Q14) - are present in the children's neighborhoods. Valid responses to all four items are required for this measure.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre>COMPUTE SideWlks_1920 = K10Q11. VARIABLE LABELS SideWlks_1920 "Children who live in neighborhoods with sidewalks or walking paths". VALUE LABELS SideWlks_1920 1 "Yes" 2 "No" 99 "Missing".</pre> <pre>COMPUTE park_1920 = K10Q12. VARIABLE LABELS park_1920 "Children who live in neighborhoods with a park or playground". VALUE LABELS park_1920 1 "Yes" 2 "No" 99 "Missing".</pre> <pre>COMPUTE RecCentr_1920 = K10Q13. VARIABLE LABELS RecCentr_1920 "Children who live in neighborhoods with recreation center, community center or boys' and girls' club". VALUE LABELS RecCentr_1920</pre>	

```
1 "Yes"  
2 "No"  
99 "Missing".
```

```
COMPUTE library_1920 = K10Q14.  
VARIABLE LABELS library_1920 "Children who live in neighborhoods with a library or bookmobile".  
VALUE LABELS library_1920  
1 "Yes"  
2 "No"  
99 "Missing".
```

```
MISSING VALUES SideWlks_1920 park_1920 RecCentr_1920 library_1920().
```

```
COUNT NbhdAmenities_1920=K10Q11 K10Q12 K10Q13 K10Q14 (1).  
IF K10Q11=99 or K10Q12=99 or K10Q13=99 or K10Q14=99 NbhdAmenities_1920=99.  
VARIABLE LABELS NbhdAmenities_1920 "Indicator 7.4: Count of amenities in children's  
neighborhoods".  
VALUE LABELS NbhdAmenities_1920  
0 "Neighborhood does not contain any amenities"  
1 "Neighborhood contains 1 amenity"  
2 "Neighborhood contains 2 amenities"  
3 "Neighborhood contains 3 amenities"  
4 "Neighborhood contains all 4 amenities"  
99 "Missing to any of the questions".  
FORMATS NbhdAmenities_1920 (f3.0).  
MISSING VALUES NbhdAmenities_1920 (99).  
EXECUTE.
```

Indicator 7.5	Presence of detracting neighborhood elements (NbhdDetract_1920)
<b>Description</b>	Does this child live in a neighborhood where there is litter or garbage on the street or sidewalk, poorly kept or rundown housing, or vandalism such as broken windows and graffiti?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: I7e-g (2020), I10e-g (2019); for children 6-11 years: I7e-g (2020), I10e-g (2019); for children 12-17 years: I7e-g (2020), I10e-g (2019) Variable in public use data file: K10Q20; K10Q22; K10Q23
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Neighborhood does not have any detracting elements; Neighborhood has 1 detracting element; Neighborhood has 2 detracting elements; Neighborhood has all 3 detracting elements
<b>Notes for Data-Users</b>	
This measure counts how many of three detracting elements - litter or garbage on the street or sidewalk (K10Q20); poorly kept or rundown housing (K10Q22); or vandalism such as broken windows or graffiti (K10Q23) - are present in children's neighborhoods. Valid responses to all three of these questions are required.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE litter_1920 = K10Q20. VARIABLE LABELS litter_1920 "Children who live in neighborhoods with litter or garbage on the street or sidewalk". VALUE LABELS litter_1920 1 "Yes" 2 "No" 99 "Missing".  COMPUTE housing_1920 = K10Q22. VARIABLE LABELS housing_1920 "Children who live in neighborhoods with poorly kept or rundown housing". VALUE LABELS housing_1920 1 "Yes" 2 "No" 99 "Missing".  COMPUTE vandal_1920 = K10Q23. </pre>	

```
VARIABLE LABELS vandal_1920 "Children who live in neighborhoods with vandalism such as broken windows or graffiti".
```

```
VALUE LABELS vandal_1920
```

```
1 "Yes"
```

```
2 "No"
```

```
99 "Missing".
```

```
COMPUTE NbhdDetract_1920 = 999.
```

```
COMPUTE validcomm = 0.
```

```
COUNT validcomm=litter_1920 housing_1920 vandal_1920 (1,2).
```

```
COMPUTE comm_cond = 0.
```

```
COUNT comm_cond=litter_1920 housing_1920 vandal_1920 (1).
```

```
VARIABLE LABELS comm_cond "Number of neighborhood condition Items".
```

```
COMPUTE NbhdDetract_1920 = 999.
```

```
IF comm_cond = 3 NbhdDetract_1920 = 3.
```

```
IF comm_cond = 2 NbhdDetract_1920 = 2.
```

```
IF comm_cond = 1 NbhdDetract_1920 = 1.
```

```
IF comm_cond = 0 NbhdDetract_1920 = 0.
```

```
IF validcomm < 3 NbhdDetract_1920 = 99.
```

```
VARIABLE LABELS NbhdDetract_1920 "Indicator 7.5: Presence of detracting neighborhood elements in the neighborhood".
```

```
VALUE LABELS NbhdDetract_1920
```

```
0 "Neighborhood does not have any detracting elements"
```

```
1 "Neighborhood has 1 detracting element"
```

```
2 "Neighborhood has 2 detracting elements"
```

```
3 "Neighborhood has 3 detracting elements"
```

```
99 "Missing to any of the questions".
```

```
MISSING VALUES NbhdDetract_1920(99).
```

```
FORMATS NbhdDetract_1920(f4.0).
```

```
EXECUTE.
```

```
MISSING VALUES litter_1920 housing_1920 vandal_1920(99).
```

## Child and Family Health Measures

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### Child and Family Demographics and Subgroups



***Child and Family Demographics and Subgroups***

	<b>US children in 3 age groups (age3_1920)</b>
<b>Description</b>	What is this child's age? (3 age groups)
<b>Survey Items Used</b>	Screener Questionnaire item number: 1(2019), 2(2020) Variable in public use data file: SC_AGE_YEARS
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	0-5 years; 6-11 years; 12-17 years
<b>Notes for Data-Users</b>	
Age categories were created from initial screening questions asked for all children in the survey. The uses variable SC_AGE_YEARS in the NSCH public use file provided by the U.S. Census Bureau is aggregated here into three groups: 0-5 years, 6-11 years, 12-17 years.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE SC_AGE_YEARS (0 thru 5=1) (6 thru 11=2) (12 thru 17=3) into age3_1920 . VARIABLE LABELS age3_1920 "Age in 3 groups". VALUE LABELS age3_1920 1 "0-5 years old" 2 "6-11 years old" 3 "12-17 years old". EXECUTE. </pre>	

	<b>US children in 5 age groups (age5_1920)</b>
<b>Description</b>	What is this child's age? (5 age groups)
<b>Survey Items Used</b>	Screener Questionnaire item number: 1(2019), 2(2020) Variable in public use data file: SC_AGE_YEARS
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	0-3 years; 4-7 years; 8-11 years; 12-14 years; 15-17 years
<b>Notes for Data-Users</b>	
Age categories were created from initial screening questions asked for all children in the survey. The uses variable SC_AGE_YEARS in the NSCH public use file provided by the U.S. Census Bureau is aggregated here into five groups: 0-3 years, 4-7 years, 8-11 years, 12-14 years, 15-17 years.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE SC_AGE_YEARS (0 thru 3=1) (4 thru 7=2) (8 thru 11=3) (12 thru 14=4) (15 thru 17=5) into age5_1920 . VARIABLE LABELS age5_1920 "U.S. children in 5 age groups". VALUE LABELS age5_1920 1 "0-3 years old" 2 "4-7 years old" 3 "8-11 years old" 4 "12-14 years old" 5 "15-17 years old". EXECUTE. </pre>	

	<b>Sex of child (sex_1920)</b>
<b>Description</b>	What is this child's sex?
<b>Survey Items Used</b>	Screener Questionnaire item number: 2(2019), 3(2020) Variable in public use data file: SC_SEX
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Male; Female
<b>Notes for Data-Users</b>	
The question about child's sex was asked for all children in the household in the initial screening questionnaire. The selected child's sex variable (SC_SEX) had 0.2% missing values. The NSCH public use data file provided by the U.S. Census Bureau includes values of single imputation for SC_SEX variable.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE sex_1920 = SC_SEX. VARIABLE LABELS sex_1920 "Sex of child". VALUE LABELS sex_1920 1 "Male" 2 "Female" 99 "Missing". MISSING VALUES sex_1920(99). FORMATS sex_1920(f4.0). EXECUTE. </pre>	

Race and ethnicity distribution of the child population (race4_1920)	
<b>Description</b>	What is this child's race/ethnicity?
<b>Survey Items Used</b>	Screener Questionnaire item number: 3(2019), 4(2019), 4(2020), 5(2020) Variable in public use data file: SC_HISPANIC_R; SC_RACE_R
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Hispanic; White, non-Hispanic; Black, non-Hispanic; Other, non-Hispanic
<b>Notes for Data-Users</b>	
<p>The questions about child's Hispanic origin and race were asked in the initial screening questionnaire. Responses to the race question are combined into SC_RACE_R. Responses to the question about Hispanic, Latino or Spanish origin is included as SC_HISPANIC_R. Hispanic origin and race information for the selected sample child was provided in the "Topical" public use file provided by the U.S. Census Bureau. For race4_1920, children reporting Hispanic or Latino ethnicity (SC_HISPANIC_R=1) are counted as Hispanic regardless of reported race in SC_RACE_R. Non-Hispanic children (SC_HISPANIC_R=2) are grouped by race based on SC_RACE_R. Non-Hispanic children reporting one race category of Asian, American Indian or Alaska Native, Native Hawaiian or other Pacific Islander, and multi-race are grouped as "Other, non-Hispanic" because of small sample sizes in many states. Non-Hispanic children who reported more than one race are categorized as "Other, non-Hispanic".</p> <p>Hispanic origin had 0.4% (2020) - 0.6% (2019) missing cases and race had 0.5% (2020) - 0.8% (2019) missing values. The NSCH public use data file provided by the U.S. Census Bureau includes values of single imputation for these missing cases in the variables SC_HISPANIC_R and SC_RACE_R.</p>	
<b>Revisions and Changes</b>	
<p>There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a>.</p>	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE race4_1920 = 999. IF (SC_HISPANIC_R = 2) and (SC_RACE_R = 1) race4_1920 = 2. IF (SC_HISPANIC_R = 2) and (SC_RACE_R = 2) race4_1920 = 3. IF (SC_HISPANIC_R = 2) and (SC_RACE_R = 3 or SC_RACE_R = 4 or SC_RACE_R = 5 or SC_RACE_R = 6 or SC_RACE_R = 7) race4_1920 = 4. IF (SC_HISPANIC_R = 1) race4_1920 = 1. IF SC_HISPANIC_R=99 or SC_RACE_R = 99 race4_1920 = 99. VARIABLE LABELS race4_1920 "Race and ethnicity distribution of the child population". VALUE LABELS race4_1920 1 "Hispanic" 2 "White, non-Hispanic" 3 "Black, non-Hispanic" </pre>	

```
4 "Other/Multi-racial, non-Hispanic"  
99 "Missing to Hispanic or Race or both".  
MISSING VALUES race4_1920 (99).  
FORMATS race4_1920 (f4.0).  
EXECUTE.
```

	<b>Race ethnicity distribution of the child population including Asian data (raceASIA_1920)</b>
<b>Description</b>	What is this child's race/ethnicity?
<b>Survey Items Used</b>	Screener Questionnaire item number: 3(2019), 4(2019), 4(2020), 5(2020) Variable in public use data file: SC_HISPANIC_R; SC_RACE_R
<b>Denominator</b>	Children ages 0-17 years
<b>Numerator/Response Categories</b>	Hispanic; White, non-Hispanic; Black, non-Hispanic; Asian, non-Hispanic; Other, non-Hispanic
<b>Notes for Data-Users</b>	
<p>The questions about child's Hispanic origin and race were asked in the initial screening questionnaire. Responses to the question asked about the child's race are combined into SC_RACE_R and Hispanic, Latino or Spanish origin is included as SC_HISPANIC_R. Hispanic origin and race information for the selected sample child was provided in the "Topical" public use file provided by the U.S. Census Bureau. For raceAsia_1920, children reporting Hispanic or Latino ethnicity (SC_HISPANIC_R=1) are counted as Hispanic regardless of reported race in SC_RACE_R. Non-Hispanic children (SC_HISPANIC_R=2) are grouped by race based on SC_RACE_R. Non-Hispanic children reporting one race category of American Indian or Alaska Native, Native Hawaiian or other Pacific Islander, and multi race are grouped as "Other, non-Hispanic" because of small sample sizes in many states. Non-Hispanic children who reported more than one race are categorized as "Other, non-Hispanic".</p> <p>Hispanic origin had 0.4% (2020) - 0.6% (2019) missing cases and race had 0.5% (2020) - 0.8% (2019) missing values. The NSCH public use data file provided by the U.S. Census Bureau includes values of single imputation for these missing cases in the variables SC_HISPANIC_R and SC_RACE_R.</p>	
<b>Revisions and Changes</b>	
<p>There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a>.</p>	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE raceASIA_1920 = 999. IF SC_HISPANIC_R = 2 and SC_RACE_R = 1 raceASIA_1920 = 2. IF SC_HISPANIC_R = 2 and SC_RACE_R = 2 raceASIA_1920 = 3. IF SC_HISPANIC_R = 2 and SC_RACE_R = 4 raceASIA_1920 = 4. IF SC_HISPANIC_R = 2 and (SC_RACE_R = 3 or SC_RACE_R = 5 or SC_RACE_R = 6 or SC_RACE_R = 7) raceASIA_1920 = 5. IF SC_HISPANIC_R = 1 raceASIA_1920 = 1. IF SC_HISPANIC_R=99 or SC_RACE_R = 99 raceASIA_1920 = 99. VARIABLE LABELS raceASIA_1920 "Race and ethnicity distribution of the child population". VALUE LABELS raceASIA_1920 1 "Hispanic" </pre>	

```
2 "White, non-Hispanic"  
3 "Black, non-Hispanic"  
4 "Asian, non-Hispanic"  
5 "Other/Multi-racial, non-Hispanic"  
99 "Missing to Hispanic or Race or both".  
MISSING VALUES raceASIA_1920 (99).  
FORMATS raceASIA_1920 (f4.0).  
EXECUTE.
```

Race ethnicity distribution of the child population? (race7_1920)	
<b>Description</b>	What is this child's race/ethnicity?
<b>Survey Items Used</b>	Screener Questionnaire item number: 3(2019), 4(2019), 4(2020), 5(2020) Variable in public use data file: SC_HISPANIC_R; SC_RACE_R
<b>Denominator</b>	Children ages 0-17 years
<b>Numerator/Response Categories</b>	Hispanic; White, non-Hispanic; Black, non-Hispanic; Asian, non-Hispanic; American Indian/Alaska Native, Non-Hispanic; Native Hawaiian/Other Pacific Islander, Non-Hispanic; Multiple race, non-Hispanic
<b>Notes for Data-Users</b>	
<p>The questions about child's Hispanic origin and race were asked in the initial screening questionnaire. Responses to the question asked about the child's race are combined into SC_RACE_R and Hispanic, Latino or Spanish origin is included as SC_HISPANIC_R. Hispanic origin and race information for the selected sample child was provided in the "Topical" public use file provided by the U.S. Census Bureau. For race7_1920, children reporting Hispanic or Latino ethnicity (SC_HISPANIC_R=1) are counted as Hispanic regardless of reported race in SC_RACE_R. Non-Hispanic children (SC_HISPANIC_R=2) are grouped by race based on SC_RACE_R.</p> <p>Hispanic origin had 0.4% (2020) - 0.6% (2019) missing cases and race had 0.5% (2020) - 0.8% (2019) missing values. The NSCH public use data file provided by the U.S. Census Bureau includes values of single imputation for these missing cases in the variables SC_HISPANIC_R and SC_RACE_R.</p>	
<b>Revisions and Changes</b>	
<p>There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a>.</p>	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE race7_1920 = 999. IF SC_HISPANIC_R = 2 and SC_RACE_R = 1 race7_1920 = 2. IF SC_HISPANIC_R = 2 and SC_RACE_R = 2 race7_1920 = 3. IF SC_HISPANIC_R = 2 and SC_RACE_R = 4 race7_1920 = 4. IF SC_HISPANIC_R = 2 and SC_RACE_R = 3 race7_1920 = 5. IF SC_HISPANIC_R = 2 and SC_RACE_R = 5 race7_1920 = 6. IF SC_HISPANIC_R = 2 and SC_RACE_R = 7 race7_1920 = 7. IF SC_HISPANIC_R = 1 race7_1920 = 1. IF SC_HISPANIC_R = 2 and SC_RACE_R = 6 race7_1920 = 96. IF SC_HISPANIC_R=99 or SC_RACE_R = 99 race7_1920 = 99. *IF (SYSMIS(SC_HISPANIC_R)) or (SYSMIS(SC_RACE_R = 1)) race7_1920 = 99. VARIABLE LABELS race7_1920 "Race and ethnicity distribution of children in the U.S. population". VALUE LABELS race7_1920 1 "Hispanic" </pre>	

```
2 "White, non-Hispanic"  
3 "Black, non-Hispanic"  
4 "Asian, non-Hispanic"  
5 "American Indian or Alaska Native Non-Hispanic"  
6 "Native Hawaiian and Other Pacific Islander Non-Hispanic"  
7 "Multi-Race Non-Hispanic"  
96 "Other Non-Hispanic"  
99 "Missing to Hispanic or Race or both".  
MISSING VALUES race7_1920 (99, 96).  
FORMATS race7_1920 (f4.0).  
EXECUTE.
```

<b>Parental nativity (PrntNativity_1920)</b>	
<b>Description</b>	What is this child's parent's generational status?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: H1, J4; for children 6-11 years: H1, J4; for children 12-17 years: H1, J4 Variable in public use data file: HOUSE_GEN (derived); BORNUSA; A1_RELATION; A2_RELATION; A1_BORN; A2_BORN
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Parent(s) born in the U.S.; Any parent born outside of U.S.; Children born in the U.S., live with caregiver(s) other than parents
<b>Notes for Data-Users</b>	
This variable was derived using HOUSE_GEN variable in the public use files provided by U.S. Census Bureau. The variable HOUSE_GEN classifies the generational status of the household. This variable is defined following the U.S. Census definition of household generational status: (1) First generation household: child born abroad, no parent in the household born in the U.S.; (2) Second generation household: at least one parent in the household born abroad, child born in U.S. or child born abroad, one parent in the household born in U.S. and another parent in the household born abroad; (3) Third-or-higher generation household: All parents in the household born in U.S., place of child's birth irrelevant; and (4) Child is born in U.S., parents are not listed. Parental nativity was defined based on 3 questions: relationship to the child from 2 adults in the household who are the child's primary caregivers (A#_RELATIONSHIP), place where the adult(s) was(were) born (A#_BORN), and whether the child was born in U.S. (BORNUSA). Children's parent includes biological or adoptive, step or foster parents.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE HOUSE_GEN (1 thru 2=2) (3=1) (4=3) (99=99) into PrntNativity_1920. VARIABLE LABELS PrntNativity_1920 "Generational status of the parents". VALUE LABELS PrntNativity_1920 1 "All parents born in the U.S. (3rd or higher generation HH)" 2 "Any parent born outside of the U.S. (1st and 2nd generation HH)" 3 "Other (child born in United States, parents are not listed)" 99 "Missing". MISSING VALUES PrntNativity_1920(99). EXECUTE. </pre>	

	<b>Primary household language (HHLanguage_1920)</b>
<b>Description</b>	What is the primary language spoken in home?
<b>Survey Items Used</b>	Screener Questionnaire item number (household section): 3 Variable in public use data file: HHLANGUAGE
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	English; Other than English
<b>Notes for Data-Users</b>	
The question was asked in the initial screening questionnaire. The primary language spoken in the household for the selected sample child was provided in the "Topical" public use file (HHLANGUAGE).	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE HHLANGUAGE (1=1) (2 thru 3=2) (99=99)into HHLanguage_1920. VARIABLE LABELS HHLanguage_1920 "Primary language spoken in the household". VALUE LABELS HHLanguage_1920 1 "English" 2 "Other than English" 99 "Missing". MISSING VALUES HHLanguage_1920(99). FORMATS HHLanguage_1920(f4.0). EXECUTE. </pre>	

	<b>Primary household language for Hispanic children (hisplang_1920)</b>
<b>Description</b>	What is the primary language spoken in the home for Hispanic children?
<b>Survey Items Used</b>	Screener Questionnaire item number: 3(2019), 4(2019), 4(2020), 5(2020); 3 (household section) Variable in public use data file: HHLANGUAGE; SC_HISPANIC_R; SC_RACE_R
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Primary household language is not English, among Hispanic children; Primary household language is English, among Hispanic children; Non-Hispanic children
<b>Notes for Data-Users</b>	
This measure is based on the assumption that Spanish is the household language for Hispanic children living in non-English language households.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE hisplang_1920 = 999. IF (SC_HISPANIC_R= 1) and (HHLANGUAGE = 2 or (HHLANGUAGE = 3)) hisplang_1920 = 1. IF (SC_HISPANIC_R = 1) and (HHLANGUAGE = 1) hisplang_1920 = 2. IF SC_HISPANIC_R = 2 hisplang_1920 = 3. IF HHLANGUAGE=99 or SC_HISPANIC_R=99 hisplang_1920 = 99.  VARIABLE LABELS hisplang_1920 "Primary household language for Hispanic children". VALUE LABELS hisplang_1920 1 "Hispanic children, non-English PHH language" 2 "Hispanic children, English PHH language" 3 "Non-Hispanic child" 99 "Missing to any". MISSING VALUES hisplang_1920 (99). FORMATS hisplang_1920 (f4.0). EXECUTE. </pre>	

<b>Family structure of child's household (famstruct5_1920)</b>	
<b>Description</b>	What is the family structure that this child lives in?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: J1, J7; for children 6-11 years: J1, J7; for children 12-17 years J1, J7 Variables in public use data file: FAMILY (derived); A1_RELATION; A2_RELATION; A1_MARITAL; A2_MARITAL; A1_SEX; A2_SEX
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Two parents, currently married; Two parents, not currently married; Single parent (mother or father); Grandparent household; Other family type
<b>Notes for Data-Users</b>	
<p>The composite measure of family structure was created by the U.S. Census Bureau (FAMILY_R) in the NSCH public use data files. Family type is characterized by number of parents or parental figures present in the household (one, two or other family type), the relationships of parents or other adults in the household (biological/adoptive parents, step-parents, or other family structure) and their marital status. "Family structure" refers to number and relationship between parents/adults living in the household. Parents were identified if the reported adult(s) was/were biological/adoptive or step parent(s). Households identified as having two same sex mothers or fathers of the same type (biological/adoptive or step) were categorized to the appropriate two parent family. Single mother or father type was identified if the second adult response was "There is only one primary adult caregiver for this child" (A2_RELATION = 8) and first adult was female (A1_SEX = 2) or male (A1_SEX = 1), currently married, living apart, formerly married or never married.</p>	
<b>Revisions and Changes</b>	
<p>There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes, etc. For more information about the changes, <a href="#">click here</a>.</p>	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE FAMILY_R (1=1) (2=2) (3=1) (4=2) (5 thru 6=3) (7 = 4) ( 8=5) (99=99) into famstruct5_1920. VARIABLE LABELS famstruct5_1920 "Family structure of child's household". VALUE LABELS famstruct5_1920 1 "Two parents, currently married" 2 "Two parents, not currently married" 3 "Single parent (mother or father)" 4 "Grandparent household" 5 "Other family type" 99 "Missing". MISSING VALUES famstruct5_1920(99). FORMATS famstruct5_1920 (F4.0). EXECUTE. </pre>	

Income level of child's household (povlev4_1920)	
<b>Description</b>	What is the income level (federal poverty level, FPL) of the household that this child lives in?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: K1-K4; for children 6-11 years: K1-K4; for children 12-17 years: K1-K4 Variable in public use data file: FPL (derived)
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Household income 0-99% FPL; Household income 100-199% FPL; Household income 200-399% FPL; Household income 400% FPL or greater
<b>Notes for Data-Users</b>	
<p>The child's household poverty level is derived from responses on the survey about family income. The poverty level variable had missing values of 16.03% in 2019 and 19.69% in 2020, which may result in biased estimates. Therefore, the missing values were imputed by the U.S. Census Bureau. The impact of missing values on population count estimates is available on the <a href="#">DRC website</a>.</p> <p>The NSCH topical public use file provided by the U.S. Census Bureau contains all 6 imputed FPL (FPL_I1-FPL_I6) variables. A data file and documentation containing all six imputations for the household poverty level variable is available on the <a href="#">United States Census Bureau website</a>.</p> <p>The poverty level variable povlev4_1920 in the DRC NSCH dataset was generated using a single imputation value from the 2019 and 2020 data files (FPL_I1). Please note that poverty level estimates and confidence intervals based on single imputed income values may differ slightly from those obtained using multiple imputation methods. All six imputed poverty level variables are available in the DRC dataset for users who wish to estimate multiple imputed poverty level.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE FPL_I1 (0 thru 99=1) (100 thru 199=2) (200 thru 399=3) (400 thru HIGHEST=4) into povlev4_1920. VARIABLE LABELS povlev4_1920 "Income based on federal poverty level status". VALUE LABELS povlev4_1920 1 "0-99% FPL" 2 "100-199% FPL" 3 "200-399% FPL" 4 "400% FPL or greater". FORMATS povlev4_1920 (F4.0). EXECUTE. </pre>	

Income level of child's household - SCHIP (povSCHIP_1920)	
<b>Description</b>	What is the income level (federal poverty level, FPL) of the household that this child lives in based on the State Children's Health Insurance Program (SCHIP) income groups?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: K1-K4; for children 6-11 years: K1-K4; for children 12-17 years: K1-K4 Variable in public use data file: FPL (derived)
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Household income 0-99% FPL; Household income 100-199% FPL; Household income 200-399% FPL; Household income 400% FPL or greater
<b>Notes for Data-Users</b>	
<p>The child's household poverty level is derived from responses on the survey about family income. The poverty level variable had missing values of 16.03% in 2019 and 19.69% in 2020, which may result in biased estimates. Therefore, the missing values were imputed by the U.S. Census Bureau. The impact of missing values on population count estimates is available on the <a href="#">DRC website</a>.</p> <p>The NSCH topical public use file provided by the U.S. Census Bureau contains all 6 imputed FPL (FPL_I1-FPL_I6) variables. A data file and documentation containing all six imputations for the household poverty level variable is available on the <a href="#">United States Census Bureau website</a>.</p> <p>The poverty level variable povSCHIP_1920 in the DRC NSCH dataset was generated using a single imputation value from the 2019 and 2020 data files (FPL_I1). Please note that poverty level estimates and confidence intervals based on single imputed income values may differ slightly from those obtained using multiple imputation methods. All six imputed poverty level variables are available in the DRC dataset for users who wish to estimate multiple imputed poverty level.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE FPL_I1 (0 thru 199=1) (200 thru 299=2) (300 thru 399=3) (400 thru HIGHEST=4) into povSCHIP_1920. VARIABLE LABELS povSCHIP_1920 "Income level of child's household based on SCHIP". VALUE LABELS povSCHIP_1920 1 "0-199% FPL" 2 "200-299% FPL" 3 "300-399% FPL" 4 "400% FPL or greater". FORMATS povSCHIP_1920 (F4.0). EXECUTE. </pre>	

	<b>Highest education of adult in child's household (AdultEduc_1920)</b>
<b>Description</b>	What is the highest education of adult in this child's household?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: J6, J18(2019), J19(2020); for children 6-11 years: J6, J18(2019), J19(2020); for children 12-17 years: J6, J18(2019), J19(2020) Variable in public use data file: HIGRADE_TVVIS (derived); A1_GRADE; A2_GRADE
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Less than high school education; High school or GED; Some college or technical school; College degree or higher
<b>Notes for Data-Users</b>	
The highest education level reported by Adult 1 and Adult 2 who are identified as the child's primary caregiver(s) was considered for this measure. The highest level of A1_GRADE (imputed if missing) and A2_GRADE (unimputed if missing) is used to derive HIGRADE and HIGRADE_TVVIS; if A2_GRADE is missing, only A1_GRADE is used for HIGRADE and HIGRADE_TVVIS.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE HIGRADE_TVVIS (99=99) (else=copy) into AdultEduc_1920. VARIABLE LABELS AdultEduc_1920 "Highest level of education of any adult in the household". VALUE LABELS AdultEduc_1920 1 "Less than high school" 2 "High school or GED" 3 "Some college or technical school" 4 "College degree or higher" 99 "Missing". MISSING VALUES AdultEduc_1920(99). FORMATS AdultEduc_1920(f4.0). EXECUTE. </pre>	

	<b>Children who were born in U.S. (BornUSA_1920)</b>
<b>Description</b>	Was this child born in the United States?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: H1; for children 6-11 years: H1; for children 12-17 years: H1 Variables in public use data file: BORNUSA
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	Born in U.S.; Born outside of U.S.
<b>Notes for Data-Users</b>	This measure was derived from a single item.
<b>Revisions and Changes</b>	There have been no substantive changes to this item or measure since 2016.
<b>SPSS Syntax and Annotation</b>	<pre> RECODE BORNUSA (1=1) (2=2) (99=99) into BornUSA_1920. VARIABLE LABELS BornUSA_1920 "Children who were born in the United States". VALUE LABELS BornUSA_1920 1 "Children were born in US" 2 "Children were born outside of US" 99 "Missing". MISSING VALUES BornUSA_1920(99). </pre>

<b>Number of family members (FamCount_1920)</b>	
<b>Description</b>	How many of the people living or staying in the child's household are family members?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: K2; for children 6-11 years: K2; for children 12-17 years: K2 Variable in public use data file: FAMCOUNT
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	1 or 2 people; 3 people; 4 people; 5 people; 6 or more people
<b>Notes for Data-Users</b>	
In the question family is defined as "anyone related to this child by blood, marriage, adoption, or through foster care".	
<b>Revisions and Changes</b>	
There have been no substantive changes to this item or measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE FAMCOUNT (1 thru 2 = 1) (3=2) (4=3) (5=4) (6 thru 8 = 5) (99=99) into FamCount_1920. VARIABLE LABELS FamCount_1920 "Number of family members in the child's household". VALUE LABELS FamCount_1920 1 "1 or 2 people" 2 "3 people" 3 "4 people" 4 "5 people" 5 "6 or more people" 99 "Missing". MISSING VALUES FamCount_1920(99). EXECUTE. </pre>	

<b>Military status of adult(s) in the household (MilitarySt_1920)</b>	
<b>Description</b>	Has this child's caregiver(s) ever served on active duty in the U.S. Armed Forces, Reserves, or the National Guard?
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: J11, J23(2019), J24(2020); for children 6-11 years: J11, J23(2019), J24(2020); for children 12-17 years: J11, J23(2019), J24(2020) Variables in public use data file: A1_ACTIVE; A2_ACTIVE
<b>Denominator</b>	Children age 0-17 years
<b>Numerator/Response Categories</b>	At least one caregiver is on active duty; At least one caregiver was on active duty in the past, but is not on active duty now; At least one caregiver was only on active duty during Reserve or National Guard training; Neither caregiver has ever served in the military
<b>Notes for Data-Users</b>	
The military status reported by Adult 1 and Adult 2 who are identified as the child's primary caregiver(s) were considered for this measure. The current and highest level of military involvement (i.e. current active duty) of adult 1 (A1_ACTIVE) and adult 2 (A2_ACTIVE) is used to categorize the military status of adults if there are two adults in the household.	
<b>Revisions and Changes</b>	
This item was added in 2017. There have been no substantive changes in this measure since 2017.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE MilitarySt_1920=4. IF A1_ACTIVE=2 or A2_ACTIVE=2 MilitarySt_1920=3. IF A1_ACTIVE=4 or A2_ACTIVE=4 MilitarySt_1920=2. IF A1_ACTIVE=3 or A2_ACTIVE=3 MilitarySt_1920=1. IF A1_ACTIVE=99 and (A2_ACTIVE= 99 or A2_ACTIVE= 95) MilitarySt_1920=99. VARIABLE LABELS MilitarySt_1920 "Military status of adult(s) in the household". VALUE LABELS MilitarySt_1920 1 "At least one caregiver is on active duty" 2 "At least one caregiver was on active duty in the past, but is not on active duty now" 3 "At least one caregiver was only on active duty during Reserve or National Guard training" 4 "Neither caregiver has ever served in the military" 99 "Missing". MISSING VALUES MilitarySt_1920 (99). FORMATS MilitarySt_1920 (F4.0). EXECUTE. </pre>	

## Title V MCH Block Grant Measures

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### National Performance and Outcome Measures



**National Performance Measures**

NPM 6	Developmental screening, age 9-35 months (npm6DSc_1920)
<b>Description</b>	National Performance Measure 6: Percent of children, ages 9 through 35 months, who received a developmental screening using a parent-completed screening tool in the past year
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C7 Variable in public use data file: K6Q12, K6Q13A, K6Q13B, K6Q14A, K6Q14B
<b>Denominator</b>	Children ages 9 through 35 months
<b>Numerator/Response Categories</b>	Parent completed developmental screening; Parent did not complete developmental screening
<b>Notes for Data-Users</b>	
<p>The AAP recommends that all children should be screened for developmental delays during their regular well-check visits at 9, 18, and 24 or 30 months. This measure uses age-appropriate questions to verify whether young children received standardized developmental, behavioral and social screening using a parent-reported, standardized screening tool or instrument. Respondents for all children between 9 months and 5 years old were asked the following question: "During the past 12 months, did a doctor or other health care provider have you or another caregiver fill out a questionnaire about specific concerns or observations you may have about this child's development, communication, or social behaviors?" (K6Q12). If the response to K6Q12 was "Yes", parents were asked if the questionnaire covered language or social development (K6Q13 and K6Q13A, respectively, for ages 9-23 months, and K6Q14A and K6Q14B for ages 2-5 years). The measure is considered missing if both types of content are missing.</p>	
<b>Rewvisions and Changes</b>	
<p>There have been no substantive changes to this measure since 2016.</p>	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE both_9to23 = 999. IF K6Q13A = 2 or K6Q13B = 2 both_9to23 = 2. IF (K6Q13A = 1 or K6Q13A = 99) and (K6Q13B = 1 or K6Q13B = 99) both_9to23 = 1. IF K6Q13A =99 and K6Q13B = 99 both_9to23= 99. IF K6Q12 = 2 both_9to23 = 2. IF SC_AGE_LT9 = 1 both_9to23= 95. IF SC_AGE_YEARS &gt; 1 and SC_AGE_YEARS &lt; 6 both_9to23 = 95. IF SC_AGE_YEARS &gt; 5 both_9to23= 90. VARIABLE LABELS both_9to23 "Yes/screening occurred group -- ages 9-23 months". VALUE LABELS both_9to23 1 "Yes to both types or Yes to one and Missing to another type of content" 2 "No to at least one type of content" </pre>	

```
99 "Missing to both types of content"  
95 "Children age 0-8 months or 2-5 years"  
90 "Children age 6-17 years".  
EXECUTE.
```

```
COMPUTE both_24to35 = 999.  
IF K6Q14A=2 or K6Q14B=2 both_24to35 = 2.  
IF (K6Q14A = 1 or K6Q14A = 99) and (K6Q14B = 1 or K6Q14B = 99) both_24to35 = 1.  
IF K6Q14A = 99 and K6Q14B = 99 both_24to35 = 99.  
IF K6Q12 = 2 both_24to35 = 2.  
IF SC_AGE_YEARS > 5 both_24to35 = 90.  
IF SC_AGE_YEARS < 2 or (SC_AGE_YEARS>2 and SC_AGE_YEARS<6) both_24to35 = 95.  
VARIABLE LABELS both_24to35 "Yes/screening occurred group -- ages 24-35 months".  
VALUE LABELS both_24to35  
1 "Yes to both types or Yes to one and Missing to another type of content"  
2 "No to at least one type of content"  
99 "Missing to both types of content"  
95 "Children age 0-1 or 3-5 years"  
90 "Children age 6-17 years".  
EXECUTE.
```

```
COMPUTE DevScrnng_1920 = 999.  
IF both_9to23 = 1 or both_24to35 = 1 DevScrnng_1920 = 1.  
IF K6Q12 = 2 DevScrnng_1920 = 2.  
IF both_9to23 = 2 or both_24to35 = 2 DevScrnng_1920 = 2.  
IF both_9to23 = 99 or both_24to35 = 99 DevScrnng_1920 = 99.  
IF K6Q12 = 99 DevScrnng_1920 = 99.  
IF SC_AGE_LT9 = 1 or (SC_AGE_YEARS>2 and SC_AGE_YEARS<6) DevScrnng_1920 = 95.  
IF SC_AGE_YEARS > 5 DevScrnng_1920 = 90.  
VARIABLE LABELS DevScrnng_1920 "Indicator 4.10: Children who received a developmental screening using a parent-completed screening tool, age 9-35 months".  
VALUE LABELS DevScrnng_1920  
1 "Parent completed developmental screening"  
2 "Parent did not complete developmental screening"  
99 "Missing"  
90 "Children age 6-17 years"  
95 "Children age 0-8 months or 3-5 years".  
MISSING VALUES DevScrnng_1920(90,95,99).  
EXECUTE.
```

\*\* NPM 6: Developmental screening, age 9-35 months

```
COMPUTE npm6DSc_1920 = DevScrnng_1920.
```

VARIABLE LABELS npm6DSc\_1920 "National Performance Measure 6: Percent of children, ages 9 through 35 months, who received a developmental screening using a parent-completed screening tool in the past year".

VALUE LABELS npm6DSc\_1920

1 "Parent completed developmental screening"

2 "Parent did not complete developmental screening"

99 "Missing"

90 "Children age 6-17 years"

95 "Children age 0-8 months or 3-5 years".

MISSING VALUES npm6DSc\_1920(90,95,99).

FORMATS npm6DSc\_1920(f4.0).

EXECUTE.

<b>NPM 8.1</b>	<b>Physical activity, age 6-11 years (npm8PhAc6to11_1920)</b>
<b>Description</b>	National Performance Measure 8.1: Percent of children, ages 6 through 11, who are physically active at least 60 minutes per day
<b>Survey Items Used</b>	Survey instrument item number for children 6-11 years: G6 Variable in public use data file: PHYSACTIV
<b>Denominator</b>	Children ages 6-11 years
<b>Numerator/Response Categories</b>	0 days; 1-3 days; 4-6 days; Everyday
<b>Notes for Data-Users</b>	
This measure was derived from a single item asked among children 6-17 years of age. However, the denominator of this measure is children age 6-11 years.	
This survey question asked, "During the past week, on how many days did this child exercise, play a sport, or participate in physical activity for at least 60 minutes?"	
<b>Revisions and Changes</b>	
There have been no substantive changes to this measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE PhysAct_1920 = PHYSACTIV. IF SC_AGE_YEARS &lt; 6  PhysAct_1920 = 90. VARIABLE LABELS PhysAct_1920 "Indicator 1.5 Children who are physically active at least 60 minutes per day, age 6-17 years". VALUE LABELS PhysAct_1920 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Every day" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES PhysAct_1920(90,99). FORMATS PhysAct_1920(f2.0). EXECUTE.  ** NPM 8.1: Physical activity, age 6-11 years  MISSING VALUES PhysAct_1920().  COMPUTE npm8PhAc6to11_1920 = PhysAct_1920. </pre>	

```
IF SC_AGE_YEARS < 6 npm8PhAc6to11_1920 = 90.  
IF SC_AGE_YEARS > 11 npm8PhAc6to11_1920 = 95.  
VARIABLE LABELS npm8PhAc6to11_1920 "National Performance Measure 8.1: Percent of children,  
ages 6 through 11, who are physically active at least 60 minutes per day".  
VALUE LABELS npm8PhAc6to11_1920  
1 "0 days"  
2 "1-3 days"  
3 "4-6 days"  
4 "Everyday"  
99 "Missing"  
90 "Children age 0-5 years"  
95 "Children age 12-17 years".  
MISSING VALUES npm8PhAc6to11_1920(90,95,99).  
FORMATS npm8PhAc6to11_1920(f2.0).  
EXECUTE.
```

<b>NPM 8.2</b>	<b>Physical activity, age 12-17 years (npm8PhAc12to17_1920)</b>
<b>Description</b>	National Performance Measure 8.2: Percent of adolescents, ages 12 through 17, who are physically active at least 60 minutes per day
<b>Survey Items Used</b>	Survey instrument item number for children 12-17 years: G6 Variable in public use data file: PHYSACTIV
<b>Denominator</b>	Children ages 12-17 years
<b>Numerator/Response Categories</b>	0 days; 1-3 days; 4-6 days; Everyday
<b>Notes for Data-Users</b>	
<p>This measure was derived from a single item asked among children 6-17 years of age. However, the denominator of this measure is adolescents age 12-17 years.</p> <p>This survey question asked, "During the past week, on how many days did this child exercise, play a sport, or participate in physical activity for at least 60 minutes?"</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE PhysAct_1920 = PHYSACTIV. IF SC_AGE_YEARS &lt; 6 PhysAct_1920 = 90. VARIABLE LABELS PhysAct_1920 "Indicator 1.5 Children who are physically active at least 60 minutes per day, age 6-17 years". VALUE LABELS PhysAct_1920 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Every day" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES PhysAct_1920(90,99). FORMATS PhysAct_1920(f2.0). EXECUTE.  ***NPM 8.2: Physical activity, age 12-17 years  MISSING VALUES PhysAct_1920().  COMPUTE npm8PhAc12to17_1920 = PhysAct_1920. IF SC_AGE_YEARS &lt; 6 npm8PhAc12to17_1920 = 90. </pre>	

```
IF SC_AGE_YEARS > 5 and SC_AGE_YEARS < 12 npm8PhAc12to17_1920 = 95.  
VARIABLE LABELS npm8PhAc12to17_1920 "National Performance Measure 8.2: Percent of  
adolescents, age 12-17 years, who are physically active at least 60 minutes per day".  
VALUE LABELS npm8PhAc12to17_1920  
1 "0 days"  
2 "1-3 days"  
3 "4-6 days"  
4 "Everyday"  
99 "Missing"  
90 "Children age 0-5 years"  
95 "Children age 6-11 years".  
MISSING VALUES npm8PhAc12to17_1920(90,95,99).  
FORMATS npm8PhAc12to17_1920(f2.0).  
EXECUTE.  
  
MISSING VALUES PhysAct_1920(90,99).
```

<b>NPM 9</b>	<b>Bullied, age 12-17 years (npm9bullied_1920)</b>
<b>Description</b>	National Performance Measure 9: Percent of adolescents, ages 12 through 17, who are bullied
<b>Survey Items Used</b>	Survey instrument item number for children for children 12-17 years: A4 in 2019, G8 in 2020 Variable in public use data file: BULLIED_R
<b>Denominator</b>	Children ages 12-17 years
<b>Numerator/Response Categories</b>	Was bullied; Was never bullied
<b>Notes for Data-Users</b>	
<p>This measure was derived from a single item asked among children 6-17 years of age. However, the denominator of this measure is adolescents age 12-17 years.</p> <p>This survey question asked, "During the past 12 months, how often was this child bullied, picked on, or excluded by other children?".</p>	
<b>Revisions and Changes</b>	
<p>There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes etc. For more information about the changes, <a href="#">click here..</a></p>	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE BULLIED_R (1=1) (2 thru 5=2) (99=99) into npm9bullied_1920. IF SC_AGE_YEARS &lt; 6 npm9bullied_1920 = 90. IF SC_AGE_YEARS &gt; 5 and SC_AGE_YEARS &lt; 12 npm9bullied_1920 = 95. VARIABLE LABELS npm9bullied_1920 "National Performance Measure 9: Percent of adolescents, age 12-17 years, who are bullied". VALUE LABELS npm9bullied_1920 1 "Never bullied" 2 "Bullied" 99 "Missing" 90 "Children age 0-5 years" 95 "Children age 6-11 years". MISSING VALUES npm9bullied_1920(90,95,99). FORMATS npm9bullied_1920(f4.0). EXECUTE. </pre>	

<b>NPM 9</b>	<b>Bullied others, age 12-17 years (npm9bully_1920)</b>
<b>Description</b>	National Performance Measure 9: Percent of adolescents, ages 12 through 17, who bullied others
<b>Survey Items Used</b>	Survey instrument item number for children 12-17 years: A5 in 2019, G9 in 2020 Variable in public use data file: BULLY
<b>Denominator</b>	Children ages 12-17 years
<b>Numerator/Response Categories</b>	Bullied others; Never bullied others
<b>Notes for Data-Users</b>	
<p>This measure was derived from a single item asked among children 6-17 years of age. However, the denominator of this measure is adolescents age 12-17 years.</p> <p>This survey question asked, "During the past 12 months, how often did this child bully others, pick on them, or exclude them?".</p>	
<b>Revisions and Changes</b>	
<p>There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes etc. For more information about the changes, <a href="#">click here</a>.</p>	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE BULLY (1=1) (2 thru 5=2) (99=99) into npm9bully_1920. IF SC_AGE_YEARS &lt; 6 npm9bully_1920 = 90. IF SC_AGE_YEARS &gt; 5 and SC_AGE_YEARS &lt; 12 npm9bully_1920 = 95. VARIABLE LABELS npm9bully_1920 "National Performance Measure 9: Percent of adolescents, age 12-17 years, who bully others". VALUE LABELS npm9bully_1920 1 "Never bullied other in the past 12 months" 2 "Bullied others in the past 12 months" 99 "Missing" 90 "Children age 0-5 years" 95 "Children age 6-11 years". MISSING VALUES npm9bully_1920(90,95,99). FORMATS npm9bully_1920(f4.0). EXECUTE. </pre>	

<b>NPM 10</b>	<b>Preventive medical visit, age 12-17 years (npm10PrVi_1920)</b>
<b>Description</b>	National Performance Measure 10: Percent of adolescents, ages 12 through 17, with a preventive medical visit in the past year
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C2, C1; for children 6-11 years: C2, C1; for children 12-17 years: C3, C1 Variable in public use data file: K4Q20R; S4Q01
<b>Denominator</b>	Children ages 12-17 years
<b>Numerator/Response Categories</b>	1 or more preventive medical visits; No preventive medical visit
<b>Notes for Data-Users</b>	
This question was asked among children who had a medical care visit in the past 12 months. The survey question asked, "During the past 12 months, how many times did this child visit a doctor, nurse, or other health care professional to receive a preventive check-up? A preventive check-up occurs when this child was not sick or injured, such as an annual or sports physical, or well-child visit."	
<b>Revisions and Changes</b>	
There have been changes in this measure since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes etc. For more information about the changes, click <a href="#">here</a> .	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE PrevMed_1920 = 999. IF K4Q20R=2 or K4Q20R = 3 PrevMed_1920 = 1. IF K4Q20R = 1 PrevMed_1920 = 2. IF S4Q01 = 2 PrevMed_1920 = 2. IF K4Q20R=99 PrevMed_1920 = 99. IF S4Q01=99 PrevMed_1920 = 99. VARIABLE LABELS PrevMed_1920 "Indicator 4.1a: Children who had one or more preventive medical care visits during past 12 months". VALUE LABELS PrevMed_1920 1 "One or more" 2 "None" 99 "Missing". MISSING VALUES PrevMed_1920(99). FORMATS PrevMed_1920(f2.0). EXECUTE. </pre>	

\*\* National Performance Measure 10: Percent of adolescents, age 12-17 years, with a preventive medical visit in the past year

MISSING VALUES PrevMed\_1920().

COMPUTE npm10PrVi\_1920 = PrevMed\_1920.

IF SC\_AGE\_YEARS < 12 npm10PrVi\_1920 = 95.

VARIABLE LABELS npm10PrVi\_1920 "National Performance Measure 10: Percent of adolescents, age 12-17 years, with a preventive medical visit in the past year".

VALUE LABELS npm10PrVi\_1920

1 "One or more preventive visits"

2 "No preventive care visits"

99 "Missing"

95 "Children age 0-11 years".

MISSING VALUES npm10PrVi\_1920(95,99).

FORMATS npm10PrVi\_1920(f2.0).

EXECUTE.

MISSING VALUES PrevMed\_1920(99).

<b>NPM 11</b>	<b>Medical home, children with special health care needs (CSHCN) (npm11MHCSHCN_1920)</b>
<b>Description</b>	National Performance Measure 11: Percent of children with special health care needs, ages 0 through 17, who have a medical home
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C8, C9, D1-D4, D7-D12; for children 6-11 years: C8, C9, D1-D4, D7-D12; for children 12-17 years: C9, C10, D1-D4, D7-D12  Variables in public use data file: K4Q01; K4Q02_R; K4Q04_R; K5Q10; K5Q11; K5Q20_R; K5Q21; K5Q22; K5Q30; K5Q31_R; K5Q32; K5Q40; K5Q41; K5Q42; K5Q43; K5Q44
<b>Denominator</b>	Children with special health care needs ages 0-17 years
<b>Numerator/Response Categories</b>	Care meets medical home criteria; Care does not meet medical home criteria
<b>Notes for Data-Users</b>	
<p>The American Academy of Pediatrics specifies seven qualities essential to medical home care: accessible, family-centered, continuous, comprehensive, coordinated, compassionate and culturally effective care. Ideally, medical home care is delivered within the context of a trusting and collaborative relationship between the child's family and a competent health professional who is familiar with the child and family and the child's health history. In the 2019 and 2020 NSCH, the presence of a medical home was measured by a composite measure based on five components constructed from a total of 16 survey items. These components are:</p> <ul style="list-style-type: none"> <li>- Personal doctor or nurse (Indicator 4.12a: PerDrNs_1920)</li> <li>- Usual source for sick care (Indicator 4.12b: UsualSck_1920)</li> <li>- Family-centered care (Indicator 4.12c: FamCent_1920)</li> <li>- Problems getting needed referrals (Indicator 4.12d: NoRefPrb_1920)</li> <li>- Effective Care Coordination when needed (Indicator 4.12e: CareCoor_1920).</li> </ul> <p>To qualify as having a Medical Home, children must meet the criteria for adequate care on the first three components: personal doctor or nurse, usual source for care, and family-centered care. Additionally, any children who needed referrals or care coordination must also meet criteria for those components in order to qualify as having a medical home. Children with a valid, positive response to at least one component and the remainder of the components were missing or legitimately skipped are categorized as having a medical home. Further information about the</p>	

Medical Home concept and measurement is available in the medical home manual developed by the CAHMI.

### **Revisions and Changes**

Though there were changes to a few items which are used to score this measure since 2016, the overall concept of medical home and how it is measured in the survey did not change. For more information about the changes, [click here](#).

### **SPSS Syntax and Annotation**

\*\*\*Indicator 4.12a: Medical Home Component: Personal doctor or nurse

```
COMPUTE PerDrNs_1920 = 999.  
IF K4Q04_R = 1 or K4Q04_R = 2 PerDrNs_1920 = 1.  
IF K4Q04_R = 3 PerDrNs_1920 = 2.  
IF K4Q04_R=99 PerDrNs_1920 = 99.  
VARIABLE LABELS PerDrNs_1920 "Indicator 4.12a: Medical Home Component: Children with a  
personal doctor or nurse".  
VALUE LABELS PerDrNs_1920  
1 "Have at least one personal doctor or nurse"  
2 "Do not have a personal doctor or nurse"  
99 "Missing".  
MISSING VALUES PerDrNs_1920(99).  
FORMATS PerDrNs_1920(f4.0).
```

\*\*Indicator 4.12b: Medical Home Component: Usual source for sick care

```
COMPUTE UsualSck_1920 = 999.  
IF K4Q01 = 1 and (K4Q02_R=1 or K4Q02_R=3 or K4Q02_R=4 or K4Q02_R=5 or K4Q02_R=6 or  
K4Q02_R=7) UsualSck_1920 = 1.  
IF K4Q01 = 2 or K4Q02_R = 2 UsualSck_1920 = 2.  
IF K4Q01=99 or K4Q02_R=99 UsualSck_1920 = 99.  
VARIABLE LABELS UsualSck_1920 "Indicator 4.12b: Medical Home Component: Usual source for sick  
care".  
VALUE LABELS UsualSck_1920  
1 "One or more"  
2 "None"  
99 "Missing".  
MISSING VALUES UsualSck_1920(99).
```

\*\*\*Indicator 4.12c: Medical Home Component: Family-centered care

```
COMPUTE time_1920 = 999.  
IF S4Q01 = 2 time_1920 = 0.  
IF K5Q40 = 3 or K5Q40 = 4 time_1920 = 3.  
IF K5Q40 = 2 time_1920 = 2.  
IF K5Q40 = 1 time_1920 = 1.
```

```

IF K5Q40 = 99 time_1920 = 99.
VARIABLE LABELS time_1920 "Doctors spent enough time with children".
VALUE LABELS time_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES time_1920(99).

COMPUTE listen_1920 = 999.
IF S4Q01 = 2 listen_1920 = 0.
IF K5Q41 = 3 or K5Q41 = 4 listen_1920 = 3.
IF K5Q41 = 2 listen_1920 = 2.
IF K5Q41 = 1 listen_1920 = 1.
IF K5Q41 = 99 listen_1920 = 99.
VARIABLE LABELS listen_1920 "Doctors listened carefully to children's parents".
VALUE LABELS listen_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES listen_1920(99).

COMPUTE sensitiv_1920 = 999.
IF S4Q01 = 2 sensitiv_1920 = 0.
IF K5Q42 = 3 or K5Q42 = 4 sensitiv_1920 = 3.
IF K5Q42 = 2 sensitiv_1920 = 2.
IF K5Q42 = 1 sensitiv_1920 = 1.
IF K5Q42 = 99 sensitiv_1920 = 99.
VARIABLE LABELS sensitiv_1920 "Doctors showed sensitivity to children's family's values and customs".
VALUE LABELS sensitiv_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES sensitiv_1920(99).

COMPUTE info_1920 = 999.
IF S4Q01 = 2 info_1920 = 0.
IF K5Q43 = 3 or K5Q43 = 4 info_1920 = 3.
IF K5Q43 = 2 info_1920 = 2.
IF K5Q43 = 1 info_1920 = 1.
IF K5Q43 = 99 info_1920 = 99.
VARIABLE LABELS info_1920 "Doctors provided information specific to parents' concerns".

```

VALUE LABELS info\_1920

0 "Did not have a health care visit in the past 12 months"

1 "Always"

2 "Usually"

3 "Sometimes or never"

99 "Missing".

MISSING VALUES info\_1920(99).

COMPUTE partner\_1920 = 999.

IF S4Q01 = 2 partner\_1920 = 0.

IF K5Q44 = 3 or K5Q44 = 4 partner\_1920 = 3.

IF K5Q44 = 2 partner\_1920 = 2.

IF K5Q44 = 1 partner\_1920 = 1.

IF K5Q44 = 99 partner\_1920 = 99.

VARIABLE LABELS partner\_1920 "Doctors helped parents to feel like partners in child's care".

VALUE LABELS partner\_1920

0 "Did not have a health care visit in the past 12 months"

1 "Always"

2 "Usually"

3 "Sometimes or never"

99 "Missing".

MISSING VALUES partner\_1920(99).

MISSING VALUES time\_1920 listen\_1920 sensitiv\_1920 info\_1920 partner\_1920().

COMPUTE FamCent\_1920 = 999.

IF (time\_1920 = 3 or time\_1920=99) or (listen\_1920 = 3 or listen\_1920 =99) or (sensitiv\_1920 = 3 or sensitiv\_1920=99) or (info\_1920 = 3 or info\_1920=99) or (partner\_1920 = 3 or partner\_1920=99) FamCent\_1920 = 2.

IF (time\_1920=1 or time\_1920=2 or time\_1920=99) and (listen\_1920=1 or listen\_1920=2 or listen\_1920=99) and (sensitiv\_1920=1 or sensitiv\_1920=2 or sensitiv\_1920=99) and (info\_1920=1 or info\_1920=2 or info\_1920=99) and (partner\_1920=1 or partner\_1920=2 or partner\_1920=99) FamCent\_1920 = 1.

IF time\_1920 = 0 FamCent\_1920 = 0.

IF time\_1920 = 99 and listen\_1920 = 99 and sensitiv\_1920 = 99 and info\_1920 = 99 and partner\_1920 = 99 FamCent\_1920 = 99.

VARIABLE LABELS FamCent\_1920 "Indicator 4.12c: Medical Home Component: Children who received family-centered care".

VALUE LABELS FamCent\_1920

0 "Did not have health care visit in the past 12 months"

1 "Yes"

2 "No"

99 "Missing to all".

MISSING VALUES FamCent\_1920(0,99).

\*\*\*Indicator 4.12d: Medical Home Component: Difficulties getting referrals to see any doctors or receive any services

```
COMPUTE NoRefPrb_1920 = K5Q11.  
IF K5Q10=99 NoRefPrb_1920 = 99.  
IF K5Q10 = 2 NoRefPrb_1920 = 0.  
VARIABLE LABELS NoRefPrb_1920 "Indicator 4.12d: Medical Home Component: Difficulties getting  
referrals to see any doctors or receive any services".  
VALUE LABELS NoRefPrb_1920  
0 "Did not need referrals during the past 12 months"  
1 "Did not have difficulty getting referral, when needed"  
2 "Somewhat difficult to get referrals, when needed"  
3 "Very difficult to get referrals, when needed"  
4 "It was not possible to get a referral, when needed"  
99 "Missing".  
MISSING VALUES NoRefPrb_1920(99).
```

\*\*\*Indicator 4.12e: Medical Home Component: Effective Care Coordination

```
COMPUTE DrComm_1920 = 999.  
IF K5Q30 = 1 DrComm_1920 = 1.  
IF K5Q30 = 2 DrComm_1920 = 2.  
IF K5Q30 = 3 or K5Q30 = 4 DrComm_1920 = 3.  
IF K5Q30 = 99 DrComm_1920 = 99.  
IF K5Q20_R = 3 or S4Q01 = 2 DrComm_1920 = 0.  
VARIABLE LABELS DrComm_1920 "Satisfaction with communication among child's doctor and other  
health care provider".  
VALUE LABELS DrComm_1920  
0 "Did not see more than one health care provider"  
1 "Very satisfied"  
2 "Somewhat satisfied"  
3 "Somewhat dissatisfied/Very dissatisfied"  
99 "Missing".  
MISSING VALUES DrComm_1920().
```

```
COMPUTE CareHelp_1920 = 999.  
IF K5Q22 = 1 CareHelp_1920 = 1.  
IF K5Q20_R = 1 and K5Q21 = 2 CareHelp_1920 = 1.  
IF K5Q22 = 2 or K5Q22 = 3 CareHelp_1920 = 2.  
IF K5Q21 = 99 or K5Q22 = 99 CareHelp_1920 = 99.  
IF K5Q20_R = 99 CareHelp_1920 = 99.  
IF K5Q20_R = 3 or S4Q01 = 2 CareHelp_1920 = 0.  
IF K5Q20_R = 2 and K5Q21 = 2 CareHelp_1920 = 0.  
IF S4Q01 = 99 CareHelp_1920 = 99.  
VARIABLE LABELS CareHelp_1920 "Got all needed extra help with care coordination when needed".  
VALUE LABELS CareHelp_1920  
0 "Did not see more than one health care provider or did not get or need extra help"  
2 "Needed extra help/did not get it"  
1 "Got help with care coor and/or extra help when needed"  
99 "Missing".
```

```

COMPUTE OthComm_1920 = 999.
IF S4Q01 = 2 or K5Q31_R = 2 or K5Q31_R = 3 OthComm_1920 = 0.
IF K5Q32 = 1 OthComm_1920 = 1.
IF K5Q32 = 2 or K5Q32 = 3 or K5Q32 = 4 OthComm_1920 = 2.
IF K5Q32 = 99 OthComm_1920 = 99.
IF K5Q31_R = 99 OthComm_1920 = 99.
VARIABLE LABELS OthComm_1920 "Satisfaction with communication among child's doctors and
school, child care provider, or special education program".
VALUE LABELS OthComm_1920
0 "No communication needed or did not have health care visit in the past 12 months"
1 "Very satisfied"
2 "Less than very satisfied"
99 "Missing to either item".

```

MISSING VALUES CareHelp\_1920 DrComm\_1920 OthComm\_1920().

```

COMPUTE CareCoor_1920 = 999.
IF (CareHelp_1920 = 2 or CareHelp_1920=99) or (DrComm_1920 = 2 or DrComm_1920 = 3 or
DrComm_1920=99) or (OthComm_1920 = 2 or OthComm_1920=99) CareCoor_1920 = 2.
IF (CareHelp_1920 = 0 or CareHelp_1920 = 1 or CareHelp_1920=99) and (DrComm_1920=0 or
DrComm_1920 =1 or DrComm_1920=99) and (OthComm_1920 = 0 or OthComm_1920 = 1 or
OthComm_1920=99) CareCoor_1920 = 1.
IF (CareHelp_1920 = 0 or CareHelp_1920=99) and (DrComm_1920 = 0 or DrComm_1920=99) and
(OthComm_1920 = 0 or OthComm_1920 = 99) CareCoor_1920 = 0.
IF CareHelp_1920 = 99 and DrComm_1920 = 99 and OthComm_1920 = 99 CareCoor_1920 = 99.
VARIABLE LABELS CareCoor_1920 "Indicator 4.12e: Medical Home Component: Effective care
coordination, all children".
VALUE LABELS CareCoor_1920
0 "Did not need care coordination"
1 "Received needed care coordination"
2 "Did not receive needed care coordination"
99 "Missing to all".
MISSING VALUES CareCoor_1920(99).

```

MISSING VALUES PerDrNs\_1920 UsualSck\_1920 FamCent\_1920 NoRefPrb\_1920 CareCoor\_1920().

```

COMPUTE MedHome_1920 = 999.
IF (PerDrNs_1920 = 1 or PerDrNs_1920=99) and (UsualSck_1920 = 1 or UsualSck_1920=99) and
(NoRefPrb_1920=1 or NoRefPrb_1920 =0 or NoRefPrb_1920=99) and
(FamCent_1920=1 or FamCent_1920=0 or FamCent_1920=99) and (CareCoor_1920=1 or
CareCoor_1920=0 or CareCoor_1920=99) MedHome_1920 = 1.
IF PerDrNs_1920 = 2 or UsualSck_1920 = 2 or (NoRefPrb_1920 = 2 or NoRefPrb_1920=3 or
NoRefPrb_1920=4) or FamCent_1920 = 2 or CareCoor_1920 = 2 MedHome_1920 = 2.
IF PerDrNs_1920 = 99 and UsualSck_1920 = 99 and (FamCent_1920 = 99 or FamCent_1920 = 0) and
(NoRefPrb_1920 = 99 or NoRefPrb_1920=0) and (CareCoor_1920 = 99 or CareCoor_1920 = 0)
MedHome_1920 = 99.

```

VARIABLE LABELS MedHome\_1920 "Indicator 4.12: Children receiving coordinated, ongoing, comprehensive care within a medical home".

VALUE LABELS MedHome\_1920

- 1 "Care meets medical home criteria"
- 2 "Care does not meet medical home criteria"
- 99 "Missing to all".

MISSING VALUES MedHome\_1920(99).

\*\*NPM 11: Medical home, children with special health care needs

COMPUTE npm11MHCSHCN\_1920 = MedHome\_1920.

IF SC\_CSHCN = 2 npm11MHCSHCN\_1920 = 95.

VARIABLE LABELS npm11MHCSHCN\_1920 "National Performance Measure 11: Percent of children with special health care needs, ages 0 through 17, who have a medical home".

VALUE LABELS npm11MHCSHCN\_1920

- 1 "Care MEETS medical home criteria"
- 2 "Care DOES NOT meet medical home criteria"
- 99 "Missing to any"
- 95 "Non-CSHCN".

MISSING VALUES npm11MHCSHCN\_1920(95,99).

FORMATS npm11MHCSHCN\_1920(f4.0).

EXECUTE.

<b>NPM 11</b>	<b>Medical home, children without special health care needs (Non-CSHCN) (npm11MHnonCSHCN_1920)</b>
<b>Description</b>	National Performance Measure 11: Percent of children without special health care needs, ages 0 through 17, who have a medical home
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C8, C9, D1-D4, D7-D12; for children 6-11 years: C8, C9, D1-D4, D7-D12; for children 12-17 years:C9, C10, D1-D4, D7-D12 Variables in public use data file: K4Q01; K4Q02_R; K4Q04_R; K5Q10; K5Q11; K5Q20_R; K5Q21; K5Q22; K5Q30; K5Q31_R; K5Q32; K5Q40; K5Q41; K5Q42; K5Q43; K5Q44
<b>Denominator</b>	Children without special health care needs ages 0-17 years
<b>Numerator/Response Categories</b>	Care meets medical home criteria; Care does not meet medical home criteria
<b>Notes for Data-Users</b>	
<p>The American Academy of Pediatrics specifies seven qualities essential to medical home care: accessible, family-centered, continuous, comprehensive, coordinated, compassionate and culturally effective care. Ideally, medical home care is delivered within the context of a trusting and collaborative relationship between the child's family and a competent health professional who is familiar with the child and family and the child's health history. In the 2019 and 2020 NSCH, the presence of a medical home was measured by a composite measure based on five components constructed from a total of 16 survey items. These components are:</p> <ul style="list-style-type: none"> <li>- Personal doctor or nurse (Indicator 4.12a: PerDrNs_19)</li> <li>- Usual source for sick care (Indicator 4.12b: UsualSck_19)</li> <li>- Family-centered care (Indicator 4.12c: FamCent_19)</li> <li>- Problems getting needed referrals (Indicator 4.12d: NoRefPrb_19)</li> <li>- Effective Care Coordination when needed (Indicator 4.12e: CareCoor_19).</li> </ul> <p>To qualify as having a Medical Home, children must meet the criteria for adequate care on the first three components: personal doctor or nurse, usual source for care, and family-centered care. Additionally, any children who needed referrals or care coordination must also meet criteria for those components in order to qualify as having a medical home. Children with a valid, positive response to at least one component and the remainder of the components were missing or legitimately skipped are categorized as having a medical home. Further information about the Medical Home concept and measurement is available in the medical home manual developed by the CAHMI.</p>	

**Revisions and Changes**

Though there were changes to a few items which are used to score this measure since 2016, the overall concept of medical home and how it is measured in the survey did not change. For more information about the changes, [click here](#).

**SPSS Syntax and Annotation**

\*\*\*Indicator 4.12a: Medical Home Component: Personal doctor or nurse

```
COMPUTE PerDrNs_1920 = 999.
IF K4Q04_R = 1 or K4Q04_R = 2 PerDrNs_1920 = 1.
IF K4Q04_R = 3 PerDrNs_1920 = 2.
IF K4Q04_R=99 PerDrNs_1920 = 99.
VARIABLE LABELS PerDrNs_1920 "Indicator 4.12a: Medical Home Component: Children with a
personal doctor or nurse".
VALUE LABELS PerDrNs_1920
1 "Have at least one personal doctor or nurse"
2 "Do not have a personal doctor or nurse"
99 "Missing".
MISSING VALUES PerDrNs_1920(99).
FORMATS PerDrNs_1920(f4.0).
```

\*\*Indicator 4.12b: Medical Home Component: Usual source for sick care

```
COMPUTE UsualSck_1920 = 999.
IF K4Q01 = 1 and (K4Q02_R=1 or K4Q02_R=3 or K4Q02_R=4 or K4Q02_R=5 or K4Q02_R=6 or
K4Q02_R=7) UsualSck_1920 = 1.
IF K4Q01 = 2 or K4Q02_R = 2 UsualSck_1920 = 2.
IF K4Q01=99 or K4Q02_R=99 UsualSck_1920 = 99.
VARIABLE LABELS UsualSck_1920 "Indicator 4.12b: Medical Home Component: Usual source for sick
care".
VALUE LABELS UsualSck_1920
1 "One or more"
2 "None"
99 "Missing".
MISSING VALUES UsualSck_1920(99).
```

\*\*\*Indicator 4.12c: Medical Home Component: Family-centered care

```
COMPUTE time_1920 = 999.
IF S4Q01 = 2 time_1920 = 0.
IF K5Q40 = 3 or K5Q40 = 4 time_1920 = 3.
IF K5Q40 = 2 time_1920 = 2.
IF K5Q40 = 1 time_1920 = 1.
IF K5Q40 = 99 time_1920 = 99.
VARIABLE LABELS time_1920 "Doctors spent enough time with children".
```

```

VALUE LABELS time_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES time_1920(99).

COMPUTE listen_1920 = 999.
IF S4Q01 = 2 listen_1920 = 0.
IF K5Q41 =3 or K5Q41 = 4 listen_1920 = 3.
IF K5Q41 = 2 listen_1920 = 2.
IF K5Q41 = 1 listen_1920 = 1.
IF K5Q41 = 99 listen_1920 = 99.
VARIABLE LABELS listen_1920 "Doctors listened carefully to children's parents".
VALUE LABELS listen_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES listen_1920(99).

COMPUTE sensitiv_1920 = 999.
IF S4Q01 = 2 sensitiv_1920 = 0.
IF K5Q42 = 3 or K5Q42 = 4 sensitiv_1920 = 3.
IF K5Q42 = 2 sensitiv_1920 = 2.
IF K5Q42 = 1 sensitiv_1920 = 1.
IF K5Q42 = 99 sensitiv_1920 = 99.
VARIABLE LABELS sensitiv_1920 "Doctors showed sensitivity to children's family's values and customs".
VALUE LABELS sensitiv_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES sensitiv_1920(99).

COMPUTE info_1920 = 999.
IF S4Q01 = 2 info_1920 = 0.
IF K5Q43 = 3 or K5Q43 = 4 info_1920 = 3.
IF K5Q43 = 2 info_1920 = 2.
IF K5Q43 = 1 info_1920 = 1.
IF K5Q43 = 99 info_1920 = 99.
VARIABLE LABELS info_1920 "Doctors provided information specific to parents' concerns".
VALUE LABELS info_1920
0 "Did not have a health care visit in the past 12 months"

```

1 "Always"  
 2 "Usually"  
 3 "Sometimes or never"  
 99 "Missing".  
 MISSING VALUES info\_1920(99).

COMPUTE partner\_1920 = 999.

IF S4Q01 = 2 partner\_1920 = 0.

IF K5Q44 = 3 or K5Q44 = 4 partner\_1920 = 3.

IF K5Q44 = 2 partner\_1920 = 2.

IF K5Q44 = 1 partner\_1920 = 1.

IF K5Q44 = 99 partner\_1920 = 99.

VARIABLE LABELS partner\_1920 "Doctors helped parents to feel like partners in child's care".

VALUE LABELS partner\_1920

0 "Did not have a health care visit in the past 12 months"

1 "Always"

2 "Usually"

3 "Sometimes or never"

99 "Missing".

MISSING VALUES partner\_1920(99).

MISSING VALUES time\_1920 listen\_1920 sensitiv\_1920 info\_1920 partner\_1920().

COMPUTE FamCent\_1920 = 999.

IF (time\_1920 = 3 or time\_1920=99) or (listen\_1920 = 3 or listen\_1920 =99) or (sensitiv\_1920 = 3 or sensitiv\_1920=99) or (info\_1920 = 3 or info\_1920=99) or  
 (partner\_1920 = 3 or partner\_1920=99) FamCent\_1920 = 2.

IF (time\_1920=1 or time\_1920=2 or time\_1920=99) and (listen\_1920=1 or listen\_1920=2 or listen\_1920=99) and (sensitiv\_1920=1 or sensitiv\_1920=2 or sensitiv\_1920=99) and  
 (info\_1920=1 or info\_1920=2 or info\_1920=99) and (partner\_1920=1 or partner\_1920=2 or partner\_1920=99) FamCent\_1920 = 1.

IF time\_1920 = 0 FamCent\_1920 = 0.

IF time\_1920 = 99 and listen\_1920 = 99 and sensitiv\_1920 = 99 and info\_1920 = 99 and partner\_1920 = 99 FamCent\_1920 = 99.

VARIABLE LABELS FamCent\_1920 "Indicator 4.12c: Medical Home Component: Children who received family-centered care".

VALUE LABELS FamCent\_1920

0 "Did not have health care visit in the past 12 months"

1 "Yes"

2 "No"

99 "Missing to all".

MISSING VALUES FamCent\_1920(0,99).

\*\*\*Indicator 4.12d: Medical Home Component: Difficulties getting referrals to see any doctors or receive any services

COMPUTE NoRefPrb\_1920 = K5Q11.

IF K5Q10=99 NoRefPrb\_1920 = 99.

```
IF K5Q10 = 2 NoRefPrb_1920 = 0.  
VARIABLE LABELS NoRefPrb_1920 "Indicator 4.12d: Medical Home Component: Difficulties getting  
referrals to see any doctors or receive any services".  
VALUE LABELS NoRefPrb_1920  
0 "Did not need referrals during the past 12 months"  
1 "Did not have difficulty getting referral, when needed"  
2 "Somewhat difficult to get referrals, when needed"  
3 "Very difficult to get referrals, when needed"  
4 "It was not possible to get a referral, when needed"  
99 "Missing".  
MISSING VALUES NoRefPrb_1920(99).
```

\*\*\*Indicator 4.12e: Medical Home Component: Effective Care Coordination

```
COMPUTE DrComm_1920 = 999.  
IF K5Q30 = 1 DrComm_1920 = 1.  
IF K5Q30 = 2 DrComm_1920 = 2.  
IF K5Q30 = 3 or K5Q30 = 4 DrComm_1920 = 3.  
IF K5Q30 = 99 DrComm_1920 = 99.  
IF K5Q20_R = 3 or S4Q01 = 2 DrComm_1920 = 0.  
VARIABLE LABELS DrComm_1920 "Satisfaction with communication among child's doctor and other  
health care provider".  
VALUE LABELS DrComm_1920  
0 "Did not see more than one health care provider"  
1 "Very satisfied"  
2 "Somewhat satisfied"  
3 "Somewhat dissatisfied/Very dissatisfied"  
99 "Missing".  
MISSING VALUES DrComm_1920().
```

```
COMPUTE CareHelp_1920 = 999.  
IF K5Q22 = 1 CareHelp_1920 = 1.  
IF K5Q20_R = 1 and K5Q21 = 2 CareHelp_1920 = 1.  
IF K5Q22 = 2 or K5Q22 = 3 CareHelp_1920 = 2.  
IF K5Q21 = 99 or K5Q22 = 99 CareHelp_1920 = 99.  
IF K5Q20_R = 99 CareHelp_1920 = 99.  
IF K5Q20_R = 3 or S4Q01 = 2 CareHelp_1920 = 0.  
IF K5Q20_R = 2 and K5Q21 = 2 CareHelp_1920 = 0.  
IF S4Q01 = 99 CareHelp_1920 = 99.  
VARIABLE LABELS CareHelp_1920 "Got all needed extra help with care coordination when needed".  
VALUE LABELS CareHelp_1920  
0 "Did not see more than one health care provider or did not get or need extra help"  
2 "Needed extra help/did not get it"  
1 "Got help with care coor and/or extra help when needed"  
99 "Missing".
```

```
COMPUTE OthComm_1920 = 999.  
IF S4Q01 = 2 or K5Q31_R = 2 or K5Q31_R = 3 OthComm_1920 = 0.
```

```

IF K5Q32 = 1 OthComm_1920 = 1.
IF K5Q32 = 2 or K5Q32 = 3 or K5Q32 = 4 OthComm_1920 = 2.
IF K5Q32 = 99 OthComm_1920 = 99.
IF K5Q31_R = 99 OthComm_1920 = 99.
VARIABLE LABELS OthComm_1920 "Satisfaction with communication among child's doctors and
school, child care provider, or special education program".
VALUE LABELS OthComm_1920
0 "No communication needed or did not have health care visit in the past 12 months"
1 "Very satisfied"
2 "Less than very satisfied"
99 "Missing to either item".

```

MISSING VALUES CareHelp\_1920 DrComm\_1920 OthComm\_1920().

```

COMPUTE CareCoor_1920 = 999.
IF (CareHelp_1920 = 2 or CareHelp_1920=99) or (DrComm_1920 = 2 or DrComm_1920 = 3 or
DrComm_1920=99) or (OthComm_1920 = 2 or OthComm_1920=99) CareCoor_1920 = 2.
IF (CareHelp_1920 = 0 or CareHelp_1920 = 1 or CareHelp_1920=99) and (DrComm_1920=0 or
DrComm_1920 =1 or DrComm_1920=99) and (OthComm_1920 = 0 or OthComm_1920 = 1 or
OthComm_1920=99) CareCoor_1920 = 1.
IF (CareHelp_1920 = 0 or CareHelp_1920=99) and (DrComm_1920 = 0 or DrComm_1920=99) and
(OthComm_1920 = 0 or OthComm_1920 = 99) CareCoor_1920 = 0.
IF CareHelp_1920 = 99 and DrComm_1920 = 99 and OthComm_1920 = 99 CareCoor_1920 = 99.
VARIABLE LABELS CareCoor_1920 "Indicator 4.12e: Medical Home Component: Effective care
coordination, all children".
VALUE LABELS CareCoor_1920
0 "Did not need care coordination"
1 "Received needed care coordination"
2 "Did not receive needed care coordination"
99 "Missing to all".
MISSING VALUES CareCoor_1920(99).

```

MISSING VALUES PerDrNs\_1920 UsualSck\_1920 FamCent\_1920 NoRefPrb\_1920 CareCoor\_1920().

```

COMPUTE MedHome_1920 = 999.
IF (PerDrNs_1920 = 1 or PerDrNs_1920=99) and (UsualSck_1920 = 1 or UsualSck_1920=99) and
(NoRefPrb_1920=1 or NoRefPrb_1920 =0 or NoRefPrb_1920=99) and
(FamCent_1920=1 or FamCent_1920=0 or FamCent_1920=99) and (CareCoor_1920=1 or
CareCoor_1920=0 or CareCoor_1920=99) MedHome_1920 = 1.
IF PerDrNs_1920 = 2 or UsualSck_1920 = 2 or (NoRefPrb_1920 = 2 or NoRefPrb_1920=3 or
NoRefPrb_1920=4) or FamCent_1920 = 2 or CareCoor_1920 = 2 MedHome_1920 = 2.
IF PerDrNs_1920 = 99 and UsualSck_1920 = 99 and (FamCent_1920 = 99 or FamCent_1920 = 0) and
(NoRefPrb_1920 = 99 or NoRefPrb_1920=0) and (CareCoor_1920 = 99 or CareCoor_1920 = 0)
MedHome_1920 = 99.
VARIABLE LABELS MedHome_1920 "Indicator 4.12: Children receiving coordinated, ongoing,
comprehensive care within a medical home".
VALUE LABELS MedHome_1920

```

1 "Care meets medical home criteria"  
2 "Care does not meet medical home criteria"  
99 "Missing to all".  
MISSING VALUES MedHome\_1920(99).

\*\* NPM 11: Medical home, children without special health care needs

```
COMPUTE npm11MHnonCSHCN_1920 = MedHome_1920.  
IF SC_CSHCN = 1 npm11MHnonCSHCN_1920 = 95.  
VARIABLE LABELS npm11MHnonCSHCN_1920 "National Performance Measure 11: Percent of  
children without special health care needs, ages 0 through 17, who have a medical home".  
VALUE LABELS npm11MHnonCSHCN_1920  
1 "Care MEETS medical home criteria"  
2 "Care DOES NOT meet medical home criteria"  
99 "Missing to any"  
95 "CSHCN".  
MISSING VALUES npm11MHnonCSHCN_1920(95,99).  
FORMATS npm11MHnonCSHCN_1920(f4.0).  
EXECUTE.
```

MISSING VALUES MedHome\_1920(99).

<b>NPM 12</b>	<b>Transition to adult health care, CSHCN age 12-17 years (npm12TransCSHCN_1920)</b>
<b>Description</b>	National Performance Measure 12: Percent of adolescents with special health care needs, ages 12 through 17, who received services necessary to make transitions to adult health care
<b>Survey Items Used</b>	Survey instrument item number for children 12-17 years: C2, D13, D14, D15b, c Variables in public use data file: DOCPRIVATE; CHANGEAGE; GAINSKILLS; TREATCHILD; TREATADULT
<b>Denominator</b>	Children with special health care needs ages 12-17 years
<b>Numerator/Response Categories</b>	Received services necessary for transition to adult health care; Did not receive services necessary for transition to adult health care
<b>Notes for Data-Users</b>	
In order to meet the criteria for this measure, youth with special health care needs 12-17 years old must meet three components: 1) doctor spoke with child privately without an adult in the room during last preventive check-up; 2) if a discussion about transitioning to adult care was needed it must have happened; and 3) doctors actively worked with child to gain skills and understand changes in their health care. If a child has at least one valid positive response to any of these components and the remainder of the components were missing or legitimately skipped, these children were categorized as receiving adequate transition to adult health care in the 2019 and 2020 scoring of this measure. Respondents with "missing" to all items were set to missing. Transition questions were asked among all children 12-17 years of age; however, the DRC provides two separate transition measures based on the child's special health care need status.	
<b>Revisions and Changes</b>	
There have been changes in this measure items since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes etc. Though these changes may have slightly impacted the prevalence of the individual items, the overall concept of transition to adult health care and how it is measured in the survey did not change. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<p>*Transition Part A: Time alone with health care provider*</p> <pre>COMPUTE TimeAlone_1920 = 999. IF DOCPRIVATE = 1 TimeAlone_1920 = 1. IF DOCPRIVATE = 2 TimeAlone_1920 = 2. IF DOCPRIVATE = 99 or S4Q01 =99 TimeAlone_1920 = 99. IF S4Q01 = 2 TimeAlone_1920 = 2.</pre>	

```

IF SC_AGE_YEARS < 12 TimeAlone_1920 = 90.
VARIABLE LABELS TimeAlone_1920 "Children who had time alone with health care provider at last
medical care visit, age 12-17 years".
VALUE LABELS TimeAlone_1920
1 "Yes"
2 "No or did not have medical care visit in the past 12 months"
99 "Missing"
90 "Children age 0-11 years".
MISSING VALUES TimeAlone_1920().
FORMATS TimeAlone_1920(f2.0).
EXECUTE.

```

\*Transition Part B: Active work with child\*

```

COMPUTE ActiveWork_1920 = 2.
IF CHANGEAGE = 1 or GAINSKILLS = 1 ActiveWork_1920 = 1.
IF (CHANGEAGE = 3 or CHANGEAGE = 99) and (GAINSKILLS =3 or GAINSKILLS = 99) ActiveWork_1920
= 99.
IF SC_AGE_YEARS < 12 ActiveWork_1920 = 90.
VARIABLE LABELS ActiveWork_1920 "Provider worked with child to gain skills to manage
health/health care or understand health care changes at age 18, age 12-17 years".
VALUE LABELS ActiveWork_1920
1 "Yes"
2 "No"
99 "Missing/Don't know"
90 "Children age 0-11 years".
MISSING VALUES ActiveWork_1920().
FORMATS ActiveWork_1920(f2.0).
EXECUTE.

```

\*Transition Part C: Anticipatory guidance\*

```

COMPUTE TrtAdult_1920 = 999.
IF TREATCHILD = 1 and TREATADULT = 1 TrtAdult_1920 = 1.
IF TREATCHILD = 1 and TREATADULT = 2 TrtAdult_1920 = 2.
IF TREATCHILD = 99 or TREATADULT = 99 TrtAdult_1920 = 99.
IF TREATCHILD = 2 TrtAdult_1920 = 95.
IF SC_AGE_YEARS < 12 TrtAdult_1920 = 90.
VARIABLE LABELS TrtAdult_1920 "Provider discussed shift to adult health care providers if needed,
age 12-17 years".
VALUE LABELS TrtAdult_1920
1 "Yes"
2 "No"
95 "Discussion not needed or sees provider who can transition"
99 "Missing"
90 "Children age 0-11 years".
MISSING VALUES TrtAdult_1920(95,99,90).
FORMATS TrtAdult_1920(f2.0).

```

EXECUTE.

MISSING VALUES TimeAlone\_1920 ActiveWork\_1920 TrtAdult\_1920().

COMPUTE Transition\_1920 = 999.

IF (TimeAlone\_1920 = 1 or TimeAlone\_1920 =99) or (ActiveWork\_1920 = 1 or ActiveWork\_1920 =99) or (TrtAdult\_1920 = 1 or TrtAdult\_1920=95 or TrtAdult\_1920=99) Transition\_1920 = 1.

IF TimeAlone\_1920 = 2 or ActiveWork\_1920 = 2 or TrtAdult\_1920 = 2 Transition\_1920 = 2.

IF TimeAlone\_1920 = 99 and ActiveWork\_1920 = 99 and TrtAdult\_1920 = 99 Transition\_1920 = 99.

IF SC\_AGE\_YEARS < 12 Transition\_1920 = 90.

VARIABLE LABELS Transition\_1920 "Indicator 4.15: Youth received necessary services for transition to adulthood, age 12-17 years".

VALUE LABELS Transition\_1920

1 "Yes"

2 "No"

99 "Missing to all"

90 "Children age 0-11 years".

MISSING VALUES Transition\_1920(90,99).

FORMATS Transition\_1920(f2.0).

EXECUTE.

\*\*\*NPM 12: Transition to adult health care, children with and without special health care needs, age 12 -17 years

COMPUTE npm12TransCSHCN\_1920 = Transition\_1920.

IF SC\_CSHCN = 2 npm12TransCSHCN\_1920 = 95.

IF SC\_AGE\_YEARS < 12 npm12TransCSHCN\_1920 = 90.

VARIABLE LABELS npm12TransCSHCN\_1920 "National Performance Measure 12: Percent of adolescents with special health care needs, ages 12 through 17, who received services necessary to make transitions to adult health care".

VALUE LABELS npm12TransCSHCN\_1920

1 "Received services necessary for transition to adult health care"

2 "Did not receive services necessary for transition to adult health care"

99 "Missing to any"

95 "Non-CSHCN age 12-17 years"

90 "Children age 0-11 years".

MISSING VALUES npm12TransCSHCN\_1920(90,95,99).

FORMATS npm12TransCSHCN\_1920(f4.0).

EXECUTE.

<b>NPM 12</b>	<b>Transition to adult health care, Non-CSHCN age 12-17 years (npm12TransNonCSHCN_1920)</b>
<b>Description</b>	National Performance Measure 12: Percent of adolescents without special health care needs, ages 12 through 17, who received services necessary to make transitions to adult health care
<b>Survey Items Used</b>	Survey instrument item number for children 12-17 years: C2, D13, D14, D15b, c  Variables in public use data file: DOCPRIVATE; CHANGEAGE; GAINSKILLS; TREATCHILD; TREATADULT
<b>Denominator</b>	Children without special health care needs ages 12-17 years
<b>Numerator/Response Categories</b>	Received services necessary for transition to adult health care; Did not receive services necessary for transition to adult health care
<b>Notes for Data-Users</b>	
In order to meet the criteria for this measure, youth without special health care needs 12-17 years old must meet three components: 1) doctor spoke with child privately without an adult in the room during last preventive check-up; 2) if a discussion about transitioning to adult care was needed it must have happened; and 3) doctors actively worked with child to gain skills and understand changes in their health care. If a child has at least one valid positive response to any of these components and the remainder of the components were missing or legitimately skipped, these children were categorized as receiving adequate transition to adult health care in the 2019 and 2020 scoring of this measure. Respondents with "missing" to all items were set to missing. Transition questions were asked among all children 12-17 years of age; however, the DRC provides two separate transition measures based on the child's special health care need status.	
<b>Revisions and Changes</b>	
There have been changes in this measure items since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes etc. Though these changes may have slightly impacted the prevalence of the individual items, the overall concept of transition to adult health care and how it is measured in the survey did not change. For more information about the changes, <a href="#">click here</a> .	
<b>SPSS Syntax and Annotation</b>	
<p>*Transition Part A: Time alone with health care provider*</p> <pre>COMPUTE TimeAlone_1920 = 999. IF DOCPRIVATE = 1 TimeAlone_1920 = 1. IF DOCPRIVATE = 2 TimeAlone_1920 = 2. IF DOCPRIVATE = 99 or S4Q01 =99 TimeAlone_1920 = 99.</pre>	

```

IF S4Q01 = 2 TimeAlone_1920 = 2.
IF SC_AGE_YEARS < 12 TimeAlone_1920 = 90.
VARIABLE LABELS TimeAlone_1920 "Children who had time alone with health care provider at last
medical care visit, age 12-17 years".
VALUE LABELS TimeAlone_1920
1 "Yes"
2 "No or did not have medical care visit in the past 12 months"
99 "Missing"
90 "Children age 0-11 years".
MISSING VALUES TimeAlone_1920().
FORMATS TimeAlone_1920(f2.0).
EXECUTE.

```

\*Transition Part B: Active work with child\*

```

COMPUTE ActiveWork_1920 = 2.
IF CHANGEAGE = 1 or GAINSKILLS = 1 ActiveWork_1920 = 1.
IF (CHANGEAGE = 3 or CHANGEAGE = 99) and (GAINSKILLS =3 or GAINSKILLS = 99) ActiveWork_1920
= 99.
IF SC_AGE_YEARS < 12 ActiveWork_1920 = 90.
VARIABLE LABELS ActiveWork_1920 "Provider worked with child to gain skills to manage
health/health care or understand health care changes at age 18, age 12-17 years".
VALUE LABELS ActiveWork_1920
1 "Yes"
2 "No"
99 "Missing/Don't know"
90 "Children age 0-11 years".
MISSING VALUES ActiveWork_1920().
FORMATS ActiveWork_1920(f2.0).
EXECUTE.

```

\*Transition Part C: Anticipatory guidance\*

```

COMPUTE TrtAdult_1920 = 999.
IF TREATCHILD = 1 and TREATADULT = 1 TrtAdult_1920 = 1.
IF TREATCHILD = 1 and TREATADULT = 2 TrtAdult_1920 = 2.
IF TREATCHILD = 99 or TREATADULT = 99 TrtAdult_1920 = 99.
IF TREATCHILD = 2 TrtAdult_1920 = 95.
IF SC_AGE_YEARS < 12 TrtAdult_1920 = 90.
VARIABLE LABELS TrtAdult_1920 "Provider discussed shift to adult health care providers if needed,
age 12-17 years".
VALUE LABELS TrtAdult_1920
1 "Yes"
2 "No"
95 "Discussion not needed or sees provider who can transition"
99 "Missing"
90 "Children age 0-11 years".
MISSING VALUES TrtAdult_1920(95,99,90).

```

FORMATS TrtAdult\_1920(f2.0).

EXECUTE.

MISSING VALUES TimeAlone\_1920 ActiveWork\_1920 TrtAdult\_1920().

COMPUTE Transition\_1920 = 999.

IF (TimeAlone\_1920 = 1 or TimeAlone\_1920 =99) or (ActiveWork\_1920 = 1 or ActiveWork\_1920 =99) or (TrtAdult\_1920 = 1 or TrtAdult\_1920=95 or TrtAdult\_1920=99) Transition\_1920 = 1.

IF TimeAlone\_1920 = 2 or ActiveWork\_1920 = 2 or TrtAdult\_1920 = 2 Transition\_1920 = 2.

IF TimeAlone\_1920 = 99 and ActiveWork\_1920 = 99 and TrtAdult\_1920 = 99 Transition\_1920 = 99.

IF SC\_AGE\_YEARS < 12 Transition\_1920 = 90.

VARIABLE LABELS Transition\_1920 "Indicator 4.15: Youth received necessary services for transition to adulthood, age 12-17 years".

VALUE LABELS Transition\_1920

1 "Yes"

2 "No"

99 "Missing to all"

90 "Children age 0-11 years".

MISSING VALUES Transition\_1920(90,99).

FORMATS Transition\_1920(f2.0).

EXECUTE.

\*\*\*NPM 12: Transition to adult health care, Non-CSHCN age 12-17 years

COMPUTE npm12TransNonCSHCN\_1920 = Transition\_1920.

IF SC\_CSHCN = 1 npm12TransNonCSHCN\_1920 = 95.

IF SC\_AGE\_YEARS < 12 npm12TransNonCSHCN\_1920 = 90.

VARIABLE LABELS npm12TransNonCSHCN\_1920 "National Performance Measure 12: Percent of adolescents without special health care needs, ages 12 through 17, who received services necessary to make transitions to adult health care".

VALUE LABELS npm12TransNonCSHCN\_1920

1 "Received services necessary for transition to adult health care"

2 "Did not receive services necessary for transition to adult health care"

99 "Missing to any"

95 "CSHCN age 12-17 years"

90 "Children age 0-11 years".

MISSING VALUES npm12TransNonCSHCN\_1920(90,95,99).

FORMATS npm12TransNonCSHCN\_1920(f4.0).

EXECUTE.

MISSING VALUES Transition\_1920(90,99).

<b>NPM 13.2</b>	<b>Preventive dental visit, age 1-17 years (npm13_2DePrev_1920)</b>
<b>Description</b>	National Performance Measure 13.2: Percent of children, ages 1 through 17, who had a preventive dental visit in the past year
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C14, C15; for children 6-11 years: C14, C15; for children 12-17 years: C15, C16 Variables in public use data file: K4Q30_R; DENTISTVISIT
<b>Denominator</b>	Children ages 1-17 years
<b>Numerator/Response Categories</b>	1 or more preventive dental visits; No preventive dental visit
<b>Notes for Data-Users</b>	
Children younger than one year of age are not included in this measure.	
<b>Rewrites and Changes</b>	
There have been no substantive changes to this measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE PrevDent_1920 = 999. IF DENTISTVISIT = 2 or DENTISTVISIT = 3 PrevDent_1920 = 1. IF DENTISTVISIT = 1 PrevDent_1920 = 2. IF DENTISTVISIT = 99 PrevDent_1920 = 99. IF K4Q30_R = 3 PrevDent_1920 = 2. IF K4Q30_R = 99 PrevDent_1920 = 99. IF SC_AGE_YEARS &lt; 1 PrevDent_1920 = 95. VARIABLE LABELS PrevDent_1920 "Indicator 4.2a: Children who had one or more preventive dental care visits during the past 12 months, age 1-17 years". VALUE LABELS PrevDent_1920 1 "One or more" 2 "None" 99 "Missing" 95 "Children less than 1 year old". MISSING VALUES PrevDent_1920(95,99). FORMATS PrevDent_1920(f2.0). EXECUTE.  **NPM 13.2: Preventive dental visit, age 1-17 years  MISSING VALUES PrevDent_1920().  COMPUTE npm13_2DePrev_1920 = PrevDent_1920. VARIABLE LABELS npm13_2DePrev_1920 "National Performance Measure 13.2: Percent of children, age 1-17 years, who had a preventive dental visit in the past year". </pre>	

```
VALUE LABELS npm13_2DePrev_1920
1 "One or more dental preventive visits"
2 "No preventive dental visits"
99 "Missing"
95 "Children less than 1 year old".
MISSING VALUES npm13_2DePrev_1920(95,99).
FORMATS npm13_2DePrev_1920(f2.0).
EXECUTE.

MISSING VALUES PrevDent_1920(95,99).
```

<b>NPM 14.2</b>	<b>Someone living in the household smokes (npm14_2Smoke_1920)</b>
<b>Description</b>	National Performance Measure 14.2: Percent of children, ages 0 through 17, who live in households where someone smokes
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: I2; for children 6-11 years: I2; for children 12-17 years: I2 Variable in public use data file: K9Q40
<b>Denominator</b>	Children ages 0-17 years
<b>Numerator/Response Categories</b>	Yes; No
<b>Notes for Data-Users</b>	
This measure was derived from a single item. The survey question asked, "Does anyone living in your household use cigarettes, cigars, or pipe tobacco?".	
<b>Revisions and Changes</b>	
There have been no substantive changes to this measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE smoking_1920 = K9Q40. VARIABLE LABELS smoking_1920 "Indicator 6.4: Tobacco use in household". VALUE LABELS smoking_1920 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES smoking_1920(99). FORMATS smoking_1920(f4.0). EXECUTE.  **NPM 14.2: Someone living in the household smokes  MISSING VALUES smoking_1920().  COMPUTE npm14_2Smoke_1920 = smoking_1920. VARIABLE LABELS npm14_2Smoke_1920 "National Performance Measure 14.2: Percent of children, ages 0 through 17, who live in households where someone smokes". VALUE LABELS npm14_2Smoke_1920 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES npm14_2Smoke_1920(99). FORMATS npm14_2Smoke_1920(f4.0). </pre>	

EXECUTE.

MISSING VALUES smoking\_1920(99).

EXECUTE.

<b>NPM 15</b>	<b>Adequate and continuous insurance (npm15AdIns_1920)</b>
<b>Description</b>	National Performance Measure 15: Percent of children, ages 0 through 17, who are continuously and adequately insured
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: E1, E3, E5, E6, F1, F2; for children 6-11 years: E1, E3, E5, E6, F1, F2; for children 12-17 years: E1, E3, E5, E6, F1, F2 Variables in public use data file: CURREINS; INSGAP; K3Q20; K3Q21B; K3Q22: HOWMUCH
<b>Denominator</b>	Children ages 0-17 years
<b>Numerator/Response Categories</b>	Insurance is adequate for child's health needs; Insurance is not adequate for child's health needs
<b>Notes for Data-Users</b>	
To qualify on this measure the child must meet the following two criteria: 1) having continuous insurance in the past 12 months, and 2) having current insurance which is adequate for the child's health care needs. The child's current insurance was considered adequate when the following criteria were met: (a) the child currently has health insurance coverage, AND (b) benefits usually or always meet child's needs, AND (c) the insurance usually or always allows the child to see needed providers, AND (d) the insurance either has no out-of-pocket expenses or out-of-pocket expenses are usually or always reasonable. The measure is only considered missing if both items are missing. Therefore, children with a valid, positive response to either portion of the measure and missing to the other portion are categorized as having adequate and continuous insurance.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre>***Current Health Insurance  COMPUTE CurrIns_1920 = CURREINS. VARIABLE LABELS CurrIns_1920 "Indicator 3.1: Current health insurance status at time of survey". VALUE LABELS CurrIns_1920 1 "Currently insured" 2 "Currently uninsured" 99 "Missing". MISSING VALUES CurrIns_1920(99). FORMATS CurrIns_1920(f4.0). EXECUTE.</pre>	

\*\*\* Consistency of Insurance Coverage

```
COMPUTE InsGap_1920 = 999.  
IF INSGAP = 1 InsGap_1920 = 1.  
IF INSGAP = 2 or INSGAP = 3 InsGap_1920 = 2.  
IF CURRINS = 2 InsGap_1920 = 2.  
IF INSGAP = 99 InsGap_1920 = 99.  
VARIABLE LABELS InsGap_1920 "Indicator 3.2: Children who had consistent health insurance  
coverage during the past 12 months".  
VALUE LABELS InsGap_1920  
1 "Consistently insured throughout the past year"  
2 "Currently uninsured or had periods without coverage"  
99 "Missing".  
MISSING VALUES InsGap_1920(99).  
FORMATS InsGap_1920(f4.0).  
EXECUTE.
```

\*\*\*Adequacy of Current Insurance

```
RECODE K3Q20  
(1=1) (2=2) (3 thru 4=3) (99=99) into benefits_1920.  
IF CURRINS = 99 benefits_1920=99.  
IF CURRINS = 2 benefits_1920=95.  
VARIABLE LABELS benefits_1920 "Current insurance benefits meets child's health needs".  
VALUE LABELS benefits_1920  
1 "Always"  
2 "Usually"  
3 "Sometimes or never"  
99 "Missing"  
95 "Uninsured".  
MISSING VALUES benefits_1920 (95,99).  
FORMATS benefits_1920 (f3.0).  
EXECUTE.
```

RECODE K3Q22

```
(1=1) (2=2) (3 thru 4=3) (99=99) into allows_1920.  
IF CURRINS = 99 allows_1920 = 99.  
IF CURRINS = 2 allows_1920=95.  
VARIABLE LABELS allows_1920 "Current insurance coverage allows child to see needed providers".  
VALUE LABELS allows_1920  
1 "Always"  
2 "Usually"  
3 "Sometimes or never"
```

```

99 "Missing"
95 "Uninsured".
MISSING VALUES allows_1920 (95,99).
FORMATS allows_1920 (f3.0).
EXECUTE.

COMPUTE expense_1920 = 999.
IF K3Q21B = 1 expense_1920 = 1.
IF K3Q21B = 2 expense_1920 = 2.
IF (K3Q21B = 3 or K3Q21B = 4) expense_1920 = 3.
IF K3Q21B = 99 expense_1920=99.
IF HOWMUCH = 1 expense_1920 = 0.
IF CurrIns = 99 expense_1920 = 99.
IF CurrIns = 2 expense_1920=95.
VARIABLE LABELS expense_1920 "Current insurance out-of-pocket costs are reasonable".
VALUE LABELS expense_1920
0 'No out of pocket expenses'
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing"
95 "Uninsured".
MISSING VALUES expense_1920 (95,99).
FORMATS expense_1920 (f3.0).

MISSING VALUES benefits_1920 allows_1920 expense_1920 ().

COMPUTE InsAdeq_1920=999.
IF (benefits_1920 = 1 or benefits_1920 = 2 or benefits_1920 = 99) and (allows_1920 = 1 or
allows_1920 = 2 or allows_1920 = 99) and (expense_1920 = 1 or expense_1920 =2 or expense_1920
= 99) InsAdeq_1920 = 1.
IF expense_1920 = 0 InsAdeq_1920 = 1.
IF benefits_1920 = 3 or allows_1920 = 3 or expense_1920 = 3 InsAdeq_1920 = 2.
IF benefits_1920 = 99 and allows_1920 = 99 and expense_1920 = 99 InsAdeq_1920 = 99.
IF CurrIns = 2 InsAdeq_1920 = 95.
VARIABLE LABELS InsAdeq_1920 "Indicator 3.4: Adequacy of current insurance coverage".
VALUE LABELS InsAdeq_1920
1 "Current insurance is adequate"
2 "Current insurance is not adequate"
99 "Missing to all questions"
95 "Uninsured".
MISSING VALUES InsAdeq_1920(95,99).
FORMATS InsAdeq_1920(f4.0).

```

EXECUTE.

\*\*\*Adequate and Continuous Insurance

COMPUTE insurance\_1920 = 1.

IF (InsGap\_1920 = 1 or InsGap\_1920 = 99) and (InsAdeq\_1920 = 1 or InsAdeq\_1920 =99)  
insurance\_1920 = 1.

IF Currlns\_1920 = 2 or InsGap\_1920 = 2 or InsAdeq\_1920 = 2 insurance\_1920 = 2.

IF InsGap\_1920 = 99 and InsAdeq\_1920 = 99 insurance\_1920 = 99.

VARIABLE LABELS insurance\_1920 "Indicator 3.4a: Adequate and continuous insurance".

VALUE LABELS insurance\_1920

1 "Current insurance is adequate and continuously insured in past year"

2 "Current insurance is inadequate and/or had gap in insurance coverage in past year"

99 "Missing to both".

MISSING VALUES insurance\_1920 ().

FORMATS insurance\_1920 (f2.0).

EXECUTE.

\*\*NPM 15: Adequate and continuous insurance

COMPUTE npm15AdIns\_1920 = insurance\_1920.

VARIABLE LABELS npm15AdIns\_1920 "National Performance Measure 15: Percent of children, ages 0 through 17, who are continuously and adequately insured".

VALUE LABELS npm15AdIns\_1920

1 "Current insurance is adequate and continuously insured in past year"

2 "Current insurance is inadequate and/or had gap in insurance coverage in past year"

99 "Missing to both questions".

MISSING VALUES npm15AdIns\_1920 (99).

FORMATS npm15AdIns\_1920 (F3.0).

EXECUTE.

MISSING VALUES insurance\_1920(99).

**National Outcome Measures**

<b>NOM 14</b>	Tooth decay/cavities, age 1-17 years (nom14TthDec_1920)
<b>Description</b>	National Outcome Measure 14: Percent of children, ages 1 through 17, who have decayed teeth or cavities in the past year
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: A4i in 2019, A3i in 2020; for children 6-11 years: A6g in 2019, A3g in 2020; for children 12-17 years: A6g in 2019, A3g in 2020 Variable in public use data file: CAVITIES
<b>Denominator</b>	Children ages 1-17 years
<b>Numerator/Response Categories</b>	Yes, tooth decay or cavities; No tooth decay or cavities
<b>Notes for Data-Users</b>	
This measure was derived from a single item.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE nom14TthDec_1920 = CAVITIES. IF SC_AGE_YEARS &lt;1 nom14TthDec_1920 = 95. VARIABLE LABELS nom14TthDec_1920 "National Outcome Measure 14: Percent of children, ages 1 through 17, who had decayed teeth or cavities in the past year". VALUE LABELS nom14TthDec_1920 1 "Yes, tooth decay or cavities" 2 "No tooth decay or cavities" 95 "Children age &lt;1 year" 99 "Missing". MISSING VALUES nom14TthDec_1920(95,99). FORMATS nom14TthDec_1920(f2.0). EXECUTE. </pre>	

<b>NOM 17.1</b>	<b>Children with special health care needs (nom17_1CSHCN_1920)</b>
<b>Description</b>	National Outcome Measure 17.1: Percent of children, ages 0 through 17, with special health care needs (CSHCN)
<b>Survey Items Used</b>	These items are asked among all children in the initial household screener questionnaire. The screener item numbers: 7,8,9,10,11 Variables in public use data file: SC_K2Q10; SC_K2Q11; SC_K2Q12; SC_K2Q13; SC_K2Q14; SC_K2Q15; SC_K2Q16; SC_K2Q17; SC_K2Q18; SC_K2Q19; SC_K2Q20; SC_K2Q21; SC_K2Q22; SC_K2Q23; SC_CSHCN (derived)
<b>Denominator</b>	Children ages 0-17 years
<b>Numerator/Response Categories</b>	Children with special health care needs (CSHCN); Children without special health care needs (Non-CSHCN)
<b>Notes for Data-Users</b>	
The NSCH uses the CSHCN Screener to identify children with special health care needs. The Screener is a five item, parent-reported tool designed to reflect the federal Maternal and Child Health Bureau's consequences-based definition of children with special health care needs. It identifies children across the range and diversity of childhood chronic conditions and special needs, allowing a more comprehensive and robust assessment of children's needs and health care system performance than is attainable by focusing on a single diagnosis or type of special need. This instrument has been used in several national surveys including the Promoting Healthy Development Survey, the CAHPS-CCC, the NSCH, the NS-CSHCN, and MEPS. More information about the CSHCN Screener can be obtained on the <a href="#">Child and Adolescent Health Measurement Initiative's website</a> .	
<b>Revisions and Changes</b>	
There have been no substantive changes to this measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE nom17_1CSHCN_1920 = SC_CSHCN. VARIABLE LABELS nom17_1CSHCN_1920 "National Outcome Measure 17.1: Percent of children with special health care needs (CSHCN), ages 0 through 17". VALUE LABELS nom17_1CSHCN_1920 1 "CSHCN" 2 "Non-CSHCN" 99 "Missing". MISSING VALUES nom17_1CSHCN_1920(99). FORMATS nom17_1CSHCN_1920(f4.0). EXECUTE. </pre>	

<b>NOM 17.2</b>	<b>Systems of care, children with special health care needs (nom17_2SysCSHCN_1920)</b>
<b>Description</b>	National Outcome Measure 17.2: Percent of children with special health care needs (CSHCN), ages 0 through 17, who receive care in a well-functioning system
<b>Survey Items Used</b>	Over 50 different survey questions are used to construct this measure.
<b>Denominator</b>	Children with special health care needs ages 0-17 years
<b>Numerator/Response Categories</b>	Receive care in a well-functioning system; Do not receive care in a well-functioning system
<b>Notes for Data-Users</b>	
<p>This measure is comprised of five age-relevant measures for children age 0-11 years, and six age-relevant measures for children age 12-17 years. Those five measures for children age 0-11 years include: family feels like they are a partner in their child's care, child receives care within a medical home, child had a past-year preventive medical and dental visit, child has adequate insurance, and child did not have a time when he/she needed health care that was not received and was not frustrated in receiving health care. For adolescents age 12-17 years, preparation for adult transition is included in addition to these five measures. If a child has at least one valid positive response to any of these measures and the remainder of the components were missing or legitimately skipped, this child was categorized as receiving care in a well-functioning system. Respondents with "missing" to all items were set to missing. The denominator for this outcome measure is children with special health care needs identified by the standardized CSHCN Screener.</p>	
<b>Revisions and Changes</b>	
<p>There have been changes in this measure items since 2016. Changes could be in the way the item was worded, in the response options provided, or in other areas such as a skip pattern change, question placement changes etc. Though these changes may have slightly impacted the prevalence of the individual items, the overall concept of system of care and how it is measured in the survey did not change.</p> <p>For more information about the changes, <a href="#">click here</a>.</p>	
<b>SPSS Syntax and Annotation</b>	
<pre>***Current Health Insurance  COMPUTE CurrIns_1920 = CURREINS. VARIABLE LABELS CurrIns_1920 "Indicator 3.1: Current health insurance status at time of survey". VALUE LABELS CurrIns_1920 1 "Currently insured" 2 "Currently uninsured"</pre>	

```
99 "Missing".  
MISSING VALUES CurrIns_1920(99).  
FORMATS CurrIns_1920(f4.0).  
EXECUTE.
```

\*\*\* Consistency of Insurance Coverage

```
COMPUTE InsGap_1920 = 999.  
IF INSGAP = 1 InsGap_1920 = 1.  
IF INSGAP = 2 or INSGAP = 3 InsGap_1920 = 2.  
IF CURRINS = 2 InsGap_1920 = 2.  
IF INSGAP = 99 InsGap_1920 = 99.  
VARIABLE LABELS InsGap_1920 "Indicator 3.2: Children who had consistent health insurance  
coverage during the past 12 months".  
VALUE LABELS InsGap_1920  
1 "Consistently insured throughout the past year"  
2 "Currently uninsured or had periods without coverage"  
99 "Missing".  
MISSING VALUES InsGap_1920(99).  
FORMATS InsGap_1920(f4.0).  
EXECUTE.
```

\*\*\*Adequacy of Current Insurance

```
RECODE K3Q20  
(1=1) (2=2) (3 thru 4=3) (99=99) into benefits_1920.  
IF CURRINS = 99 benefits_1920=99.  
IF CURRINS = 2 benefits_1920=95.  
VARIABLE LABELS benefits_1920 "Current insurance benefits meets child's health needs".  
VALUE LABELS benefits_1920  
1 "Always"  
2 "Usually"  
3 "Sometimes or never"  
99 "Missing"  
95 "Uninsured".  
MISSING VALUES benefits_1920 (95,99).  
FORMATS benefits_1920 (f3.0).  
EXECUTE.
```

RECODE K3Q22

```
(1=1) (2=2) (3 thru 4=3) (99=99) into allows_1920.  
IF CURRINS = 99 allows_1920 = 99.  
IF CURRINS = 2 allows_1920=95.
```

VARIABLE LABELS allows\_1920 "Current insurance coverage allows child to see needed providers".

VALUE LABELS allows\_1920

1 "Always"

2 "Usually"

3 "Sometimes or never"

99 "Missing"

95 "Uninsured".

MISSING VALUES allows\_1920 (95,99).

FORMATS allows\_1920 (f3.0).

EXECUTE.

COMPUTE expense\_1920 = 999.

IF K3Q21B = 1 expense\_1920 = 1.

IF K3Q21B = 2 expense\_1920 = 2.

IF (K3Q21B = 3 or K3Q21B = 4) expense\_1920 = 3.

IF K3Q21B = 99 expense\_1920=99.

IF HOWMUCH = 1 expense\_1920 = 0.

IF CURREINS = 99 expense\_1920 = 99.

IF CURREINS = 2 expense\_1920=95.

VARIABLE LABELS expense\_1920 "Current insurance out-of-pocket costs are reasonable".

VALUE LABELS expense\_1920

0 'No out of pocket expenses'

1 "Always"

2 "Usually"

3 "Sometimes or never"

99 "Missing"

95 "Uninsured".

MISSING VALUES expense\_1920 (95,99).

FORMATS expense\_1920 (f3.0).

MISSING VALUES benefits\_1920 allows\_1920 expense\_1920 () .

COMPUTE InsAdeq\_1920=999.

IF (benefits\_1920 = 1 or benefits\_1920 = 2 or benefits\_1920 = 99) and (allows\_1920 = 1 or allows\_1920 = 2 or allows\_1920 = 99) and (expense\_1920 = 1 or expense\_1920 =2 or expense\_1920 = 99) InsAdeq\_1920 = 1.

IF expense\_1920 = 0 InsAdeq\_1920 = 1.

IF benefits\_1920 = 3 or allows\_1920 = 3 or expense\_1920 = 3 InsAdeq\_1920 = 2.

IF benefits\_1920 = 99 and allows\_1920 = 99 and expense\_1920 = 99 InsAdeq\_1920 = 99.

IF CURREINS = 2 InsAdeq\_1920 = 95.

VARIABLE LABELS InsAdeq\_1920 "Indicator 3.4: Adequacy of current insurance coverage".

VALUE LABELS InsAdeq\_1920

1 "Current insurance is adequate"

```
2 "Current insurance is not adequate"  
99 "Missing to all questions"  
95 "Uninsured".  
MISSING VALUES InsAdeq_1920(95,99).  
FORMATS InsAdeq_1920(f4.0).  
EXECUTE.
```

#### \*\*\*Adequate and Continuous Insurance

```
COMPUTE insurance_1920 = 1.  
IF (InsGap_1920 = 1 or InsGap_1920 = 99) and (InsAdeq_1920 = 1 or InsAdeq_1920 =99)  
insurance_1920 = 1.  
IF CurrIns_1920 = 2 or InsGap_1920 = 2 or InsAdeq_1920 = 2 insurance_1920 = 2.  
IF InsGap_1920 = 99 and InsAdeq_1920 = 99 insurance_1920 = 99.  
VARIABLE LABELS insurance_1920 "Indicator 3.4a: Adequate and continuous insurance".  
VALUE LABELS insurance_1920  
1 "Current insurance is adequate and continuously insured in past year"  
2 "Current insurance is inadequate and/or had gap in insurance coverage in past year"  
99 "Missing to both".  
MISSING VALUES insurance_1920 ().  
FORMATS insurance_1920 (f2.0).
```

```
MISSING VALUES CurrIns_1920 InsGap_19(99).  
MISSING VALUES InsAdeq_1920(95,99).
```

#### \*\*Received both medical and dental preventive care

```
MISSING VALUES PrevMed_1920 PrevDent_1920().
```

```
COMPUTE MedDentSyst_1920 = 999.  
IF (K4Q20R =2 or K4Q20R =3 or K4Q20R = 99) and (PrevDent_1920=1 or PrevDent_1920=95 or  
PrevDent_1920=99) MedDentSyst_1920 = 1.  
IF (S4Q01 =2 or K4Q20R = 1) or PrevDent_1920 = 2 MedDentSyst_1920 = 2.  
IF S4Q01 = 99 and PrevDent_1920=1 MedDentSyst_1920 = 1.  
IF (S4Q01 =99 or K4Q20R = 99) and (PrevDent_1920 = 99 or PrevDent_1920=95) MedDentSyst_1920  
= 99.  
VARIABLE LABELS MedDentSyst_1920 "Children received both preventive medical and dental care  
visits in past 12 months ".  
VALUE LABELS MedDentSyst_1920  
1 "Received preventive medical and dental care"  
2 "Did not receive preventive medical and dental care"  
99 "Missing to both".
```

```
MISSING VALUES PrevMed_1920(99).  
MISSING VALUES PrevDent_1920(95,99).
```

#### \*\*Forgone care and frustrated receiving care

```

COMPUTE UnmetFrust_1920 = 999.
IF (K4Q27 = 2 or K4Q27 =99) and (C4Q04 = 1 or C4Q04 = 2 or C4Q04 =99) UnmetFrust_1920 = 1.
IF K4Q27 = 1 or (C4Q04 = 3 or C4Q04 = 4) UnmetFrust_1920 = 2.
IF K4Q27 = 99 and C4Q04 = 99 UnmetFrust_1920 = 99.
VARIABLE LABELS UnmetFrust_1920 "Children whose parents had difficulties in accessing care and
always or usually frustrated in effort getting services for their children".
VALUE LABELS UnmetFrust_1920
1 "No unmet need and frustration"
2 "Experienced unmet need and frustration (usually/always frustrated)"
99 "Missing".

**Medical home

COMPUTE PerDrNs_1920 = 999.
IF K4Q04_R = 1 or K4Q04_R = 2 PerDrNs_1920 = 1.
IF K4Q04_R = 3 PerDrNs_1920 = 2.
IF K4Q04_R=99 PerDrNs_1920 = 99.
VARIABLE LABELS PerDrNs_1920 "Indicator 4.12a: Medical Home Component: Children with a
personal doctor or nurse".
VALUE LABELS PerDrNs_1920
1 "Have at least one personal doctor or nurse"
2 "Do not have a personal doctor or nurse"
99 "Missing".
MISSING VALUES PerDrNs_1920(99).
FORMATS PerDrNs_1920(f4.0).

COMPUTE UsualSck_1920 = 999.
IF K4Q01 = 1 and (K4Q02_R=1 or K4Q02_R=3 or K4Q02_R=4 or K4Q02_R=5 or K4Q02_R=6 or
K4Q02_R=7) UsualSck_1920 = 1.
IF K4Q01 = 2 or K4Q02_R = 2 UsualSck_1920 = 2.
IF K4Q01=99 or K4Q02_R=99 UsualSck_1920 = 99.
VARIABLE LABELS UsualSck_1920 "Indicator 4.12b: Medical Home Component: Usual source for sick
care".
VALUE LABELS UsualSck_1920
1 "One or more"
2 "None"
99 "Missing".
MISSING VALUES UsualSck_1920(99).

COMPUTE time_1920 = 999.
IF S4Q01 = 2 time_1920 = 0.
IF K5Q40 = 3 or K5Q40 = 4 time_1920 = 3.
IF K5Q40 = 2 time_1920 = 2.
IF K5Q40 = 1 time_1920 = 1.
IF K5Q40 = 99 time_1920 = 99.
VARIABLE LABELS time_1920 "Doctors spent enough time with children".
VALUE LABELS time_1920

```

```

0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES time_1920(99).

```

```

COMPUTE listen_1920 = 999.
IF S4Q01 = 2 listen_1920 = 0.
IF K5Q41 =3 or K5Q41 = 4 listen_1920 = 3.
IF K5Q41 = 2 listen_1920 = 2.
IF K5Q41 = 1 listen_1920 = 1.
IF K5Q41 = 99 listen_1920 = 99.
VARIABLE LABELS listen_1920 "Doctors listened carefully to children's parents".
VALUE LABELS listen_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES listen_1920(99).

```

```

COMPUTE sensitiv_1920 = 999.
IF S4Q01 = 2 sensitiv_1920 = 0.
IF K5Q42 = 3 or K5Q42 = 4 sensitiv_1920 = 3.
IF K5Q42 = 2 sensitiv_1920 = 2.
IF K5Q42 = 1 sensitiv_1920 = 1.
IF K5Q42 = 99 sensitiv_1920 = 99.
VARIABLE LABELS sensitiv_1920 "Doctors showed sensitivity to children's family's values and customs".
VALUE LABELS sensitiv_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES sensitiv_1920(99).

```

```

COMPUTE info_1920 = 999.
IF S4Q01 = 2 info_1920 = 0.
IF K5Q43 = 3 or K5Q43 = 4 info_1920 = 3.
IF K5Q43 = 2 info_1920 = 2.
IF K5Q43 = 1 info_1920 = 1.
IF K5Q43 = 99 info_1920 = 99.
VARIABLE LABELS info_1920 "Doctors provided information specific to parents' concerns".
VALUE LABELS info_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"

```

```

2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES info_1920(99).

COMPUTE partner_1920 = 999.
IF S4Q01 = 2 partner_1920 = 0.
IF K5Q44 = 3 or K5Q44 = 4 partner_1920 = 3.
IF K5Q44 = 2 partner_1920 = 2.
IF K5Q44 = 1 partner_1920 = 1.
IF K5Q44 = 99 partner_1920 = 99.
VARIABLE LABELS partner_1920 "Doctors helped parents to feel like partners in child's care".
VALUE LABELS partner_1920
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES partner_1920(99).

MISSING VALUES time_1920 listen_1920 sensitiv_1920 info_1920 partner_1920().

COMPUTE FamCent_1920 = 999.
IF (time_1920 = 3 or time_1920=99) or (listen_1920 = 3 or listen_1920 =99) or (sensitiv_1920 = 3 or
sensitiv_1920=99) or (info_1920 = 3 or info_1920=99) or
(partner_1920 = 3 or partner_1920=99) FamCent_1920 = 2.
IF (time_1920=1 or time_1920=2 or time_1920=99) and (listen_1920=1 or listen_1920=2 or
listen_1920=99) and (sensitiv_1920=1 or sensitiv_1920=2 or sensitiv_1920=99) and
(info_1920=1 or info_1920=2 or info_1920=99) and (partner_1920=1 or partner_1920=2 or
partner_1920=99) FamCent_1920 = 1.
IF time_1920 = 0 FamCent_1920 = 0.
IF time_1920 = 99 and listen_1920 = 99 and sensitiv_1920 = 99 and info_1920 = 99 and
partner_1920 = 99 FamCent_1920 = 99.
VARIABLE LABELS FamCent_1920 "Indicator 4.12c: Medical Home Component: Children who
received family-centered care".
VALUE LABELS FamCent_1920
0 "Did not have health care visit in the past 12 months"
1 "Yes"
2 "No"
99 "Missing to all".
MISSING VALUES FamCent_1920(0,99).

COMPUTE NoRefPrb_1920 = K5Q11.
IF K5Q10=99 NoRefPrb_1920 = 99.
IF K5Q10 = 2 NoRefPrb_1920 = 0.
VARIABLE LABELS NoRefPrb_1920 "Indicator 4.12d: Medical Home Component: Difficulties getting
referrals to see any doctors or receive any services".
VALUE LABELS NoRefPrb_1920

```

0 "Did not need referrals during the past 12 months"  
 1 "Did not have difficulty getting referral, when needed"  
 2 "Somewhat difficult to get referrals, when needed"  
 3 "Very difficult to get referrals, when needed"  
 4 "It was not possible to get a referral, when needed"  
 99 "Missing".  
 MISSING VALUES NoRefPrb\_1920(99).

COMPUTE DrComm\_1920 = 999.  
 IF K5Q30 = 1 DrComm\_1920 = 1.  
 IF K5Q30 = 2 DrComm\_1920 = 2.  
 IF K5Q30 = 3 or K5Q30 = 4 DrComm\_1920 = 3.  
 IF K5Q30 = 99 DrComm\_1920 = 99.  
 IF K5Q20\_R = 3 or S4Q01 = 2 DrComm\_1920 = 0.  
 VARIABLE LABELS DrComm\_1920 "Satisfaction with communication among child's doctor and other health care provider".  
 VALUE LABELS DrComm\_1920  
 0 "Did not see more than one health care provider"  
 1 "Very satisfied"  
 2 "Somewhat satisfied"  
 3 "Somewhat dissatisfied/Very dissatisfied"  
 99 "Missing".  
 MISSING VALUES DrComm\_1920().

COMPUTE CareHelp\_1920 = 999.  
 IF K5Q22 = 1 CareHelp\_1920 = 1.  
 IF K5Q20\_R = 1 and K5Q21 = 2 CareHelp\_1920 = 1.  
 IF K5Q22 = 2 or K5Q22 = 3 CareHelp\_1920 = 2.  
 IF K5Q21 = 99 or K5Q22 = 99 CareHelp\_1920 = 99.  
 IF K5Q20\_R = 99 CareHelp\_1920 = 99.  
 IF K5Q20\_R = 3 or S4Q01 = 2 CareHelp\_1920 = 0.  
 IF K5Q20\_R = 2 and K5Q21 = 2 CareHelp\_1920 = 0.  
 IF S4Q01 = 99 CareHelp\_1920 = 99.  
 VARIABLE LABELS CareHelp\_1920 "Got all needed extra help with care coordination when needed".  
 VALUE LABELS CareHelp\_1920  
 0 "Did not see more than one health care provider or did not get or need extra help"  
 2 "Needed extra help/did not get it"  
 1 "Got help with care coor and/or extra help when needed"  
 99 "Missing".

COMPUTE OthComm\_1920 = 999.  
 IF S4Q01 = 2 or K5Q31\_R = 2 or K5Q31\_R = 3 OthComm\_1920 = 0.  
 IF K5Q32 = 1 OthComm\_1920 = 1.  
 IF K5Q32 = 2 or K5Q32 = 3 or K5Q32 = 4 OthComm\_1920 = 2.  
 IF K5Q32 = 99 OthComm\_1920 = 99.  
 IF K5Q31\_R = 99 OthComm\_1920 = 99.  
 VARIABLE LABELS OthComm\_1920 "Satisfaction with communication among child's doctors and school, child care provider, or special education program".

VALUE LABELS OthComm\_1920

0 "No communication needed or did not have health care visit in the past 12 months"  
 1 "Very satisfied"  
 2 "Less than very satisfied"  
 99 "Missing to either item".

MISSING VALUES CareHelp\_1920 DrComm\_1920 OthComm\_1920().

COMPUTE CareCoor\_1920 = 999.

IF (CareHelp\_1920 = 2 or CareHelp\_1920=99) or (DrComm\_1920 = 2 or DrComm\_1920 = 3 or DrComm\_1920=99) or (OthComm\_1920 = 2 or OthComm\_1920=99) CareCoor\_1920 = 2.  
 IF (CareHelp\_1920 = 0 or CareHelp\_1920 = 1 or CareHelp\_1920=99) and (DrComm\_1920=0 or DrComm\_1920 = 1 or DrComm\_1920=99) and (OthComm\_1920 = 0 or OthComm\_1920 = 1 or OthComm\_1920=99) CareCoor\_1920 = 1.

IF (CareHelp\_1920 = 0 or CareHelp\_1920=99) and (DrComm\_1920 = 0 or DrComm\_1920=99) and (OthComm\_1920 = 0 or OthComm\_1920 = 99) CareCoor\_1920 = 0.

IF CareHelp\_1920 = 99 and DrComm\_1920 = 99 and OthComm\_1920 = 99 CareCoor\_1920 = 99.

VARIABLE LABELS CareCoor\_1920 "Indicator 4.12e: Medical Home Component: Effective care coordination, all children".

VALUE LABELS CareCoor\_1920

0 "Did not need care coordination"  
 1 "Received needed care coordination"  
 2 "Did not receive needed care coordination"  
 99 "Missing to all".

MISSING VALUES CareCoor\_1920(99).

MISSING VALUES PerDrNs\_1920 UsualSck\_1920 FamCent\_1920 NoRefPrb\_1920 CareCoor\_1920().

COMPUTE MedHome\_1920 = 999.

IF (PerDrNs\_1920 = 1 or PerDrNs\_1920=99) and (UsualSck\_1920 = 1 or UsualSck\_1920=99) and (NoRefPrb\_1920=1 or NoRefPrb\_1920 =0 or NoRefPrb\_1920=99) and (FamCent\_1920=1 or FamCent\_1920=0 or FamCent\_1920=99) and (CareCoor\_1920=1 or CareCoor\_1920=0 or CareCoor\_1920=99) MedHome\_1920 = 1.  
 IF PerDrNs\_1920 = 2 or UsualSck\_1920 = 2 or (NoRefPrb\_1920 = 2 or NoRefPrb\_1920=3 or NoRefPrb\_1920=4) or FamCent\_1920 = 2 or CareCoor\_1920 = 2 MedHome\_1920 = 2.  
 IF PerDrNs\_1920 = 99 and UsualSck\_1920 = 99 and (FamCent\_1920 = 99 or FamCent\_1920 = 0) and (NoRefPrb\_1920 = 99 or NoRefPrb\_1920=0) and (CareCoor\_1920 = 99 or CareCoor\_1920 = 0) MedHome\_1920 = 99.

VARIABLE LABELS MedHome\_1920 "Indicator 4.12: Children receiving coordinated, ongoing, comprehensive care within a medical home".

VALUE LABELS MedHome\_1920

1 "Care meets medical home criteria"  
 2 "Care does not meet medical home criteria"  
 99 "Missing to all".

MISSING VALUES MedHome\_1920(99).

MISSING VALUES time\_1920 listen\_1920 sensitiv\_1920 info\_1920 partner\_1920(0,99).

MISSING VALUES CareHelp\_1920 DrComm\_1920(99).

MISSING VALUES PerDrNs\_1920 UsualSck\_1920 CareCoor\_1920 NoRefPrb\_1920(99).  
 MISSING VALUES FamCent\_1920(0,99).

\*\*Shared decision making

```

COMPUTE DiscussOpt_1920 = 999.
IF DECISIONS = 2 DiscussOpt_1920 = 0.
IF DISCUSSOPT = 1 DiscussOpt_1920 = 1.
IF DISCUSSOPT = 2 DiscussOpt_1920 = 2.
IF DISCUSSOPT = 3 or DISCUSSOPT = 4 DiscussOpt_1920 = 3.
IF DISCUSSOPT = 99 DiscussOpt_1920 = 99.
IF S4Q01=2 DiscussOpt_1920 = 95.
VARIABLE LABELS DiscussOpt_1920 "Doctors discussed range of health care/treatment options".
VALUE LABELS DiscussOpt_1920
0 "No decisions needed"
1 "Always"
2 "Usually"
3 "Never/Sometimes"
99 "Missing"
95 "Did not have a health care visit".
MISSING VALUES DiscussOpt_1920(0,95,99).
FORMATS DiscussOpt_1920(f2.0).
EXECUTE.
```

```

COMPUTE RaiseConc_1920 = 999.
IF DECISIONS = 2 RaiseConc_1920 = 0.
IF RAISECONC = 1 RaiseConc_1920 = 1.
IF RAISECONC = 2 RaiseConc_1920 = 2.
IF RAISECONC = 3 or RAISECONC = 4 RaiseConc_1920 = 3.
IF RAISECONC = 99 RaiseConc_1920 = 99.
IF S4Q01 = 2 RaiseConc_1920 = 95.
VARIABLE LABELS RaiseConc_1920 "Doctors made it easy for parents to raise concerns or disagree with recommendations".
VALUE LABELS RaiseConc_1920
0 "No decisions needed"
1 "Always"
2 "Usually"
3 "Never/Sometimes"
99 "Missing"
95 "Did not have a health care visit".
MISSING VALUES RaiseConc_1920(0,95,99).
FORMATS RaiseConc_1920(f2.0).
EXECUTE.
```

```

COMPUTE BestChoice_1920 = 999.
IF DECISIONS = 2 BestChoice_1920 = 0.
IF BESTFORCHILD=1 BestChoice_1920 = 1.
IF BESTFORCHILD=2 BestChoice_1920 = 2.
```

```

IF BESTFORCHILD=3 or BESTFORCHILD=4 BestChoice_1920 = 3.
IF BESTFORCHILD = 99 BestChoice_1920 = 99.
IF S4Q01 = 2 BestChoice_1920 = 95.
VARIABLE LABELS BestChoice_1920 "Doctors worked with parents to decide together health
care/treatment options".
VALUE LABELS BestChoice_1920
0 "No decisions needed"
1 "Always"
2 "Usually"
3 "Never/Sometimes"
99 "Missing"
95 "Did not have a health care visit".
MISSING VALUES BestChoice_1920(0,95,99).
FORMATS BestChoice_1920(f2.0).
EXECUTE.

MISSING VALUES DiscussOpt_1920 RaiseConc_1920 BestChoice_1920().

COMPUTE ShareDec_1920 = 999.
IF (DiscussOpt_1920 = 3 or DiscussOpt_1920=99) or (RaiseConc_1920 = 3 or RaiseConc_1920=99) or
(BestChoice_1920 = 3 or BestChoice_1920 = 99) ShareDec_1920 = 2.
IF (DiscussOpt_1920 = 1 or DiscussOpt_1920= 2 or DiscussOpt_1920=99) and (RaiseConc_1920 = 1 or
RaiseConc_1920 = 2 or RaiseConc_1920=99) and
(BestChoice_1920 = 1 or BestChoice_1920 = 2 or BestChoice_1920=99) ShareDec_1920 = 1.
IF DiscussOpt_1920 = 99 and RaiseConc_1920 = 99 and BestChoice_1920 = 99 ShareDec_1920 = 99.
IF DECISIONS = 2 or S4Q01=2 ShareDec_1920 = 0.
VARIABLE LABELS ShareDec_1920 "Indicator 4.14: Children whose families are partners in shared
decision-making for their optimal health".
VALUE LABELS ShareDec_1920
0 "No decisions needed/Did not have a health care visit during the past 12 months"
1 "Families usually or always feel that they are partners in decision making"
2 "Families never/sometimes feel that they are partners in decision making"
99 "Missing".
MISSING VALUES ShareDec_1920(95,99).
FORMATS ShareDec_1920(f2.0).
EXECUTE.

**Transition to adulthood health services

COMPUTE TimeAlone_1920 = 999.
IF DOCPRIVATE = 1 TimeAlone_1920 = 1.
IF DOCPRIVATE = 2 TimeAlone_1920 = 2.
IF DOCPRIVATE = 99 or S4Q01 =99 TimeAlone_1920 = 99.
IF S4Q01 = 2 TimeAlone_1920 = 2.
IF SC_AGE_YEARS < 12 TimeAlone_1920 = 90.
VARIABLE LABELS TimeAlone_1920 "Children who had time alone with health care provider at last
medical care visit, age 12-17 years".
VALUE LABELS TimeAlone_1920

```

```

1 "Had time alone with provider"
2 "Did not have time alone with provider/Did not have medical care visit in the past 12 months"
99 "Missing"
90 "Children age 0-11 years".
MISSING VALUES TimeAlone_1920().
FORMATS TimeAlone_1920(f2.0).
EXECUTE.

COMPUTE ActiveWork_1920 = 2.
IF CHANGEAGE = 1 or GAINSKILLS = 1 ActiveWork_1920 = 1.
IF (CHANGEAGE = 3 or CHANGEAGE = 99) and (GAINSKILLS =3 or GAINSKILLS = 99) ActiveWork_1920
= 99.
IF SC_AGE_YEARS < 12 ActiveWork_1920 = 90.
VARIABLE LABELS ActiveWork_1920 "Provider worked with child to gain skills to manage
health/health care or understand health care changes at age 18, age 12-17 years".
VALUE LABELS ActiveWork_1920
1 "Met the criteria"
2 "Did not met criteria"
99 "Missing/Don't know"
90 "Children age 0-11 years".
MISSING VALUES ActiveWork_1920().
FORMATS ActiveWork_1920(f2.0).
EXECUTE.

COMPUTE TrtAdult_1920 = 999.
IF TREATCHILD = 1 and TREATADULT = 1 TrtAdult_1920 = 1.
IF TREATCHILD = 1 and TREATADULT = 2 TrtAdult_1920 = 2.
IF TREATCHILD = 99 or TREATADULT = 99 TrtAdult_1920 = 99.
IF TREATCHILD = 2 TrtAdult_1920 = 95.
IF SC_AGE_YEARS < 12 TrtAdult_1920 = 90.
VARIABLE LABELS TrtAdult_1920 "Provider discussed shift to adult health care providers if needed,
age 12-17 years".
VALUE LABELS TrtAdult_1920
1 "Yes"
2 "No"
95 "Discussion not needed or sees provider who can transition"
99 "Missing"
90 "Children age 0-11 years".
MISSING VALUES TrtAdult_1920(95,99,90).
FORMATS TrtAdult_1920(f2.0).
EXECUTE.

MISSING VALUES TimeAlone_1920 ActiveWork_1920 TrtAdult_1920().

COMPUTE Transition_1920 = 999.
IF (TimeAlone_1920 = 1 or TimeAlone_1920 =99) or (ActiveWork_1920 = 1 or ActiveWork_1920 =99)
or (TrtAdult_1920 = 1 or TrtAdult_1920=95 or TrtAdult_1920=99) Transition_1920 = 1.
IF TimeAlone_1920 = 2 or ActiveWork_1920 = 2 or TrtAdult_1920 = 2 Transition_1920 = 2.

```

```

IF TimeAlone_1920 = 99 and ActiveWork_1920 = 99 and TrtAdult_1920 = 99 Transition_1920 = 99.
IF SC_AGE_YEARS < 12 Transition_1920 = 90.
VARIABLE LABELS Transition_1920 "Indicator 4.15: Adolescents who received services necessary to
make planning transitions to adult health care".
VALUE LABELS Transition_1920
1 "Received services necessary for transition to adult health care"
2 "Did not receive services necessary for transition to adult health care"
99 "Missing to all"
90 "Children age 0-11 years".
MISSING VALUES Transition_1920(90,99).
FORMATS Transition_1920(f2.0).
EXECUTE.

```

```

*****
**Systems of care**
*****

```

```

COMPUTE sys0to11care2_1920 = 999.
IF (ShareDec_1920 = 0 or ShareDec_1920 = 1 or ShareDec_1920=99) and (MedHome_1920 = 1 or
MedHome_1920 = 99) and (Insurance_1920 = 1 or Insurance_1920 = 99)
and (MedDentSyst_1920 = 1 or MedDentSyst_1920=99) and (UnmetFrust_1920 = 1 or
UnmetFrust_1920=99) sys0to11care2_1920 = 1.
IF ShareDec_1920=2 or MedHome_1920 = 2 or Insurance_1920 = 2 or MedDentSyst_1920 = 2 or
UnmetFrust_1920 = 2 sys0to11care2_1920 =2.
IF (ShareDec_1920=0 or ShareDec_1920=99) and MedHome_1920 = 99 and Insurance_1920 = 99
and MedDentSyst_1920 = 99 and UnmetFrust_1920 = 99 sys0to11care2_1920 =99.
IF SC_AGE_YEARS > 11 sys0to11care2_1920 = 95.
VARIABLE LABELS sys0to11care2_1920 "Children ages 0-11 meeting one or more of five criteria for
system of care".
VALUE LABELS sys0to11care2_1920
1 "Received care in a well-functioning system"
2 "Did not receive care in a well-functioning system"
99 "Missing"
95 "Children age 12-17 years".
MISSING VALUES sys0to11care2_1920(99).
EXECUTE.

```

```

COMPUTE sys12to17care2_1920 = 999.
IF (ShareDec_1920 = 0 or ShareDec_1920 = 1 or ShareDec_1920=99) and (MedHome_1920 = 1 or
MedHome_1920 = 99) and (Insurance_1920 = 1 or Insurance_1920 = 99)
and (MedDentSyst_1920 = 1 or MedDentSyst_1920=99) and (UnmetFrust_1920 = 1 or
UnmetFrust_1920=99) and (Transition_1920=1 or Transition_1920=99) sys12to17care2_1920 = 1.
IF ShareDec_1920=2 or MedHome_1920 = 2 or Insurance_1920 = 2 or MedDentSyst_1920 = 2 or
UnmetFrust_1920 = 2 or Transition_1920=2 sys12to17care2_1920 =2.
IF (ShareDec_1920=0 or ShareDec_1920=99) and MedHome_1920 = 99 and Insurance_1920 = 99
and MedDentSyst_1920 = 99 and UnmetFrust_1920 = 99 and (Transition_1920=99 or
Transition_1920=90) sys12to17care2_1920 =99.
IF SC_AGE_YEARS < 12 sys12to17care2_1920 = 95.

```

```
VARIABLE LABELS sys12to17care2_1920 "Children ages 12-17 meeting one or more of five criteria for system of care".
```

```
VALUE LABELS sys12to17care2_1920
```

```
1 "Received care in a well-functioning system"
```

```
2 "Did not receive care in a well-functioning system"
```

```
99 "Missing"
```

```
95 "Children age 0-11 years".
```

```
MISSING VALUES sys12to17care2_1920(99).
```

```
EXECUTE.
```

```
MISSING VALUES sys0to11care2_1920 sys12to17care2_1920().
```

```
COMPUTE SystCare2_1920=99.
```

```
IF sys0to11care2_1920 = 1 or sys12to17care2_1920 = 1 SystCare2_1920 =1.
```

```
IF sys0to11care2_1920 = 2 or sys12to17care2_1920 = 2 SystCare2_1920 =2.
```

```
IF sys0to11care2_1920 = 99 and sys12to17care2_1920 = 99 SystCare2_1920 =2.
```

```
VARIABLE LABELS SystCare2_1920 "Indicator 4.17: Percent of children received care in a well-functioning system".
```

```
VALUE LABELS SystCare2_1920
```

```
1 "Received care in a well-functioning system"
```

```
2 "Did not receive care in a well-functioning system"
```

```
99 "Missing".
```

```
MISSING VALUES SystCare2_1920(99).
```

```
EXECUTE.
```

```
MISSING VALUES sys0to11care2_1920 sys12to17care2_1920(95,99).
```

```
MISSING VALUES SystCare2_1920().
```

```
COMPUTE nom17_2sysCSHCN_1920 = SystCare2_1920.
```

```
IF SC_CSHCN = 2 nom17_2sysCSHCN_1920 = 95.
```

```
VARIABLE LABELS nom17_2sysCSHCN_1920 "National Performance Measure 17.2: Percent of children with special health care needs (CSHCN), ages 0 through 17, who receive care in a well-functioning system".
```

```
VALUE LABELS nom17_2sysCSHCN_1920
```

```
1 "Receive care in a well-functioning system"
```

```
2 "Do not receive care in a well-functioning system"
```

```
99 "Missing"
```

```
95 "Non-CSHCN".
```

```
MISSING VALUES nom17_2sysCSHCN_1920(95,99).
```

```
EXECUTE.
```

```
MISSING VALUES SystCare2_1920(99).
```

<b>NOM 17.3</b>	<b>Autism/ASD, age 3-17 years (nom17_3ASD_1920)</b>
<b>Description</b>	National Outcome Measure 17.3: Percent of children, ages 3 through 17, diagnosed with an autism spectrum disorder
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: A27 in 2019, A25 in 2020; for children 6-11 years: A30 in 2019, A30 in 2020; for children 12-17 years: A30 in 2019, A25 in 2020 Variables in public use data file: K2Q35A; K2Q35B
<b>Denominator</b>	Children ages 3-17 years
<b>Numerator/Response Categories</b>	Currently has condition; Ever told, but does not currently have condition; Does not have condition
<b>Notes for Data-Users</b>	
This measure is derived from responses to two questions: whether parents were ever told by a health care provider that the child has autism or another autism spectrum disorder (K2Q35A); and, if the response to the previous question is "Yes", whether the child currently has the condition (K2Q35B). Respondents were grouped according to whether they currently have autism or another autism spectrum disorder. Please note that in the NSCH, all information about children's health conditions is based on parent recollection and is not independently verified. Further, a response of "Yes" to having "ever been told" that a child has a specific health condition (e.g., K2Q35A = Yes) DOES NOT indicate whether the child currently has that particular condition and therefore should not be interpreted as current prevalence. Last, even though the 2019 and 2020 NSCH asked these questions among all children 0-17 years old, this measure only includes children 3 to 17 years old.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE autism_1920 = 999. IF K2Q35A = 2 autism_1920 = 1. IF K2Q35A = 1 and K2Q35B = 2 autism_1920 = 2. IF K2Q35A = 1 and K2Q35B = 1 autism_1920 = 3. IF K2Q35A=99 or K2Q35B=99 autism_1920 = 99. IF SC_AGE_YEARS &lt; 3 autism_1920 = 95.  VARIABLE LABELS autism_1920 "Children who currently have Autism or Autism Spectrum Disorder including Asperger's Disorder, Pervasive Developmental Disorder, age 3-17 years". VALUE LABELS autism_1920 1 "Does not have condition" 2 "Ever told, but does not currently have condition" 3 "Currently has condition" </pre>	

99 "Missing"  
95 "Children age 0-2 years".

\*\*NOM 17.3: Autism/ASD, age 3-17 years

MISSING VALUES autism\_1920().

RECODE autism\_1920

(1=3) (2=2) (3=1) (else=copy) into nom17\_3ASD\_1920.

VARIABLE LABELS nom17\_3ASD\_1920 "National Outcome Measure 17.3: Percent of children, ages 3 through 17, diagnosed with an autism spectrum disorder".

VALUE LABELS nom17\_3ASD\_1920

1 "Currently has condition"

2 "Ever told, but does not currently have condition"

3 "Does not have condition"

99 "Missing"

95 "Children age 0-2 years".

MISSING VALUES nom17\_3ASD\_1920(95,99).

FORMATS nom17\_3ASD\_1920(f4.0).

EXECUTE.

MISSING VALUES autism\_1920(95,99).

EXECUTE.

<b>NOM 17.4</b>	<b>ADD/ADHD, age 3-17 years (nom17_4ADHD_1920)</b>
<b>Description</b>	National Outcome Measure 17.4: Percent of children, ages 3 through 17, diagnosed with Attention Deficit Disorder/Attention Deficit Hyperactivity Disorder (ADD/ADHD)
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: A32 in 2019, A30 in 2020; for children 6-11 years: A35 in 2019, A30 in 2020; for children 12-17 years: A35 in 2019, A30 in 2020 Variables in public use data file: K2Q31A; K2Q31B
<b>Denominator</b>	Children age 3-17 years
<b>Numerator/Response Categories</b>	Currently has condition; Ever told, but does not currently have condition; Does not have condition
<b>Notes for Data-Users</b>	
This measure is derived from responses to two questions: whether parents were ever told by a health care provider that the child has Attention Deficit Disorder/Attention Deficit Hyperactivity Disorder (ADD/ADHD) (K2Q31A); and, if the response to the previous question is "Yes", whether the child currently has the condition (K2Q31B). Respondents were grouped according to whether they currently have ADD/ADHD. Please note that in the NSCH, all information about children's health conditions is based on parent recollection and is not independently verified. Further, a response of "Yes" to having "ever been told" that a child has a specific health condition (e.g., K2Q31A = Yes) DOES NOT indicate whether the child currently has that particular condition and therefore should not be interpreted as current prevalence. Last, even though the 2019 and 2020 NSCH asked these questions among all children 0-17 years old, this measure only includes children 3 to 17 years old.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE ADHD_1920 = 999. IF K2Q31A = 2 ADHD_1920 = 1. IF K2Q31A = 1 and K2Q31B = 2 ADHD_1920 = 2. IF K2Q31A = 1 and K2Q31B = 1 ADHD_1920 = 3. IF K2Q31A=99 or K2Q31B=99 ADHD_1920 = 99. IF SC_AGE_YEARS &lt; 3 ADHD_1920 = 95.  VARIABLE LABELS ADHD_1920 "Children who currently have Attention Deficit Disorder (ADD) or Attention-Deficit Hyperactivity Disorder (ADHD), age 3-17 years". VALUE LABELS ADHD_1920 1 "Does not have condition" 2 "Ever told, but does not currently have condition" </pre>	

3 "Currently has condition"  
99 "Missing"  
95 "Children age 0-2 years".

\*\*NOM 17.4: ADD/ADHD, age 3-17 years

RECODE ADHD\_1920

(1=3) (2=2) (3=1) (else=copy) into nom17\_4ADHD\_1920.

VARIABLE LABELS nom17\_4ADHD\_1920 "National Outcome Measure 17.4: Percent of children, age 3-17 years, diagnosed with Attention Deficit Disorder/Attention Deficit Hyperactivity Disorder (ADD/ADHD)".

VALUE LABELS nom17\_4ADHD\_1920

1 "Currently has condition"

2 "Ever told, but does not currently have condition"

3 "Does not have condition"

99 "Missing"

95 "Children age 0-2 years".

MISSING VALUES nom17\_4ADHD\_1920(95,99).

FORMATS nom17\_4ADHD\_1920(f4.0).

EXECUTE.

MISSING VALUES ADHD\_1920(95,99).

<b>NOM 18</b>	<b>Mental health treatment or counseling, age 3-17 years with a mental/behavioral condition (nom18MHlth_1920)</b>
<b>Description</b>	National Outcome Measure 18: Percent of children, ages 3 through 17, with a mental/behavioral condition who receive treatment or counseling
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C17; for children 6-11 years: C17; for children 12-17 years: C18 Variable in public use data file: K4Q22_R
<b>Denominator</b>	Children ages 3-17 years reported by their parents to have been diagnosed by a health care provider with a mental/behavioral condition (depression, anxiety problems, or behavioral or conduct problems)
<b>Numerator/Response Categories</b>	Received treatment or counseling; Did not receive treatment or counseling
<b>Notes for Data-Users</b>	
The denominator of this measure is children age 3-17 who currently have one of the three diagnosed conditions: depression, anxiety problems, or behavioral or conduct problems. These children are grouped according to whether or not they received treatment from a mental health professional during the past 12 months (K4Q22_R). Two response options to K4Q22_R "Did not receive mental health care, but needed", and "Did not receive mental health care, but did not need" were combined to identify children who did not receive mental health care.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE anxiety_1920 = 999. IF K2Q33A = 2 anxiety_1920 = 1. IF K2Q33A = 1 and K2Q33B = 2 anxiety_1920 = 2. IF K2Q33A = 1 and K2Q33B = 1 anxiety_1920 = 3. IF K2Q33A=99 or K2Q33B=99 anxiety_1920 = 99. IF SC_AGE_YEARS &lt; 3 anxiety_1920 = 95. VARIABLE LABELS anxiety_1920 "Children who currently have anxiety problems, age 3-17 years". VALUE LABELS anxiety_1920 1 "Does not have condition" 2 "Ever told, but does not currently have condition" 3 "Currently has condition" 99 "Missing" 95 "Children age 0-2 years".  COMPUTE depress_1920 = 999. IF K2Q32A = 2 depress_1920 = 1. IF K2Q32A = 1 and K2Q32B = 2 depress_1920 = 2. IF K2Q32A = 1 and K2Q32B = 1 depress_1920 = 3. </pre>	

```

IF K2Q32A=99 or K2Q32B=99 depress_1920 = 99.
IF SC_AGE_YEARS < 3 depress_1920 = 95.
VARIABLE LABELS depress_1920 "Children who currently have depression, age 3-17 years".
VALUE LABELS depress_1920
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing"
95 "Children age 0-2 years".

COMPUTE behavior_1920 = 999.
IF K2Q34A = 2 behavior_1920 = 1.
IF K2Q34A = 1 and K2Q34B = 2 behavior_1920 = 2.
IF K2Q34A = 1 and K2Q34B = 1 behavior_1920 = 3.
IF K2Q34A=99 or K2Q34B=99 behavior_1920 = 99.
IF SC_AGE_YEARS < 3 behavior_1920 = 95.
VARIABLE LABELS behavior_1920 "Children who currently have behavioral or conduct problems,
age 3-17 years".
VALUE LABELS behavior_1920
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing"
95 "Children age 0-2 years".
MISSING VALUES ADHD_1920().

MISSING VALUES depress_1920 anxiety_1920 behavior_1920().

COUNT ment3cond_1920=depress_1920 anxiety_1920 behavior_1920(3).
IF depress_1920=99 and anxiety_1920 = 99 and behavior_1920 =99 ment3cond_1920 = 99.
IF SC_AGE_YEARS < 3 ment3cond_1920 = 95.
VARIABLE LABELS ment3cond_1920 "Number of conditions".

COMPUTE nom18MHlth_1920 = 999.
IF ment3cond_1920 > 0 and K4Q22_R = 1 nom18MHlth_1920 = 1.
IF ment3cond_1920 > 0 and (K4Q22_R=2 or K4Q22_R=3) nom18MHlth_1920 = 2.
IF ment3cond_1920 = 0 nom18MHlth_1920 = 95.
IF ment3cond_1920 = 99 nom18MHlth_1920 = 99.
IF K4Q22_R = 99 nom18MHlth_1920 = 99.
IF SC_AGE_YEARS < 3 nom18MHlth_1920 = 95.
VARIABLE LABELS nom18MHlth_1920 "National Outcome Measure 18: Percent of children, age 3-17
years, with a mental/behavioral condition who receive treatment or counseling".
VALUE LABELS nom18MHlth_1920
1 "Received treatment"
2 "Needed treatment, did not receive it"
99 "Missing"
95 "Children age 0-2 years/Do not have any of 3 conditions".
MISSING VALUES nom18MHlth_1920(95,99).
FORMATS nom18MHlth_1920(f2.0).

```

EXECUTE.

MISSING VALUES depress\_1920 anxiety\_1920 behavior\_1920(95,99).

<b>NOM 19</b>	<b>Overall health status (nom19_ChHSt_1920)</b>
<b>Description</b>	National Outcome Measure 19: Percent of children, ages 0 through 17, in excellent or very good health
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: A1; for children 6-11 years: A1; for children 12-17 years: A1 Variable in public use data file: K2Q01
<b>Denominator</b>	Children ages 0-17 years
<b>Numerator/Response Categories</b>	Excellent or very good; Good; Fair or poor
<b>Notes for Data-Users</b>	
This measure combines five response categories (excellent, very good, good, fair, and poor) into three response categories.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> RECODE K2Q01 (1 thru 2=1) (3=2) (4 thru 5=3) (99=99) into ChHlthSt_1920. VARIABLE LABELS ChHlthSt_1920 "Indicator 1.1: Children's overall health status". VALUE LABELS ChHlthSt_1920 1 "Excellent or very good" 2 "Good" 3 "Fair or poor" 99 "Missing". MISSING VALUES ChHlthSt_1920(99). FORMATS ChHlthSt_1920(f2.0). EXECUTE.  **NOM 19: Overall health status  MISSING VALUES ChHlthSt_1920().  COMPUTE nom19ChHSt_1920 = ChHlthSt_1920. VARIABLE LABELS nom19ChHSt_1920 "National Outcome Measure 19: Percent of children, ages 0 through 17, in excellent or very good health". VALUE LABELS nom19ChHSt_1920 1 "Excellent or very good" 2 "Good" 3 "Fair or poor" 99 "Missing". </pre>	

```
MISSING VALUES nom19ChHSt_1920(99).  
FORMATS nom19ChHSt_1920(f2.0) .  
EXECUTE.
```

```
MISSING VALUES ChHlthSt_1920(99).
```

<b>NOM 20</b>	<b>Obesity, age 10-17 years (nom20obese_1920)</b>
<b>Description</b>	National Outcome Measure 20: Percent of adolescents, ages 10 through 17, who are obese (BMI at or above the 95th percentile)
<b>Survey Items Used</b>	Survey instrument item number for children 10-11 years: C5,C4; for children 12-17 years: C6,C5 Variable in public use file: BMICLASS (derived)
<b>Denominator</b>	Children ages 10-17 years
<b>Numerator/Response Categories</b>	Underweight (less than 5th percentile); Normal weight (5th to 84th percentile); Overweight (85th to 94th percentile); Obese (95th percentile or above)
<b>Notes for Data-Users</b>	
<p>Assessment of body mass index (BMI) in children and teenagers is approached differently than for adults. Because growth patterns differ, BMI in youth is age and gender specific. BMI-for-age categories are: Underweight - Less than the 5th percentile; Healthy weight - 5th percentile to less than the 85th percentile; Overweight - 85th to less than the 95th percentile; Obese - Equal to or greater than the 95th percentile. Additional information about BMI-for-age is available from the CDC website. The child's age in months is used to calculate BMI-for-age. However, since the NSCH reports age only in years, all children were assumed to be at the midpoint of their age-year for this calculation. In the NSCH, BMI is based on parents' recollection of the selected child's height and weight. Responses to these questions about child's current height and weight were not independently verified (e.g., measurement, health records, etc.). A study comparing parent-reported height and weight estimates from the 2003 NSCH with results of physical measurement from the National Health and Nutrition Examination Survey (NHANES) revealed that parents typically overestimate height and underestimate weight of children younger than 10 years of age (Lara J. Akinbami, Cynthia L. Ogden. (2009) Childhood Overweight Prevalence in the United States: The Impact of Parent-reported Height and Weight. <i>Obesity</i> 17:1574-1580); therefore BMI for children under 10 years of age is not reported in this measure.</p>	
<b>Revisions and Changes</b>	
There have been no substantive changes to this measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE BMI4_1920 = BMICLASS. IF SC_AGE_YEARS &lt; 10 BMI4_1920 = 90. VARIABLE LABELS BMI4_1920 "Indicator 1.4: Weight status of the child based on Body Mass Index (BMI)-for-age in four categories, 10-17 years". VALUE LABELS BMI4_1920 1 "Underweight (less than 5th percentile)" </pre>	

```
2 "Normal weight (5th to 84th percentile)"  
3 "Overweight (85th to 94th percentile)"  
4 "Obese (95th percentile or above)"  
99 "Missing"  
90 "Children age 0-9 years".  
MISSING VALUES BMI4_1920(90,99).  
EXECUTE.
```

\*\* NOM 20: Obesity, age 10-17 years

```
MISSING VALUES BMI4_1920().
```

```
COMPUTE nom20obese_1920 = BMI4_1920.
```

```
VARIABLE LABELS nom20obese_1920 "National Outcome Measure 20: Percent of children, age 10-17  
years, who are obese (BMI at or above the 95th percentile)".
```

```
VALUE LABELS nom20obese_1920  
1 "Underweight (less than 5th percentile)"  
2 "Normal weight (5th to 84th percentile)"  
3 "Overweight (85th to 94th percentile)"  
4 "Obese (95th percentile or above)"  
99 "Missing"  
90 "Children age 0-9 years".  
MISSING VALUES nom20obese_1920(90,99).  
FORMATS nom20obese_1920(f4.0).  
EXECUTE.
```

```
MISSING VALUES BMI4_1920(90,99).
```

<b>NOM 25</b>	<b>Forgone health care (nom25ForgoneHC_1920)</b>
<b>Description</b>	National Outcome Measure 25: Percent of children, ages 0 through 17, who were not able to obtain needed health care in the last year
<b>Survey Items Used</b>	Survey instrument item number for children 0-5 years: C23; for children 6-11 years: C23; for children 12-17 years: C24 Variable in public use data file: K4Q27
<b>Denominator</b>	Children ages 0-17 years
<b>Numerator/Response Categories</b>	Did not receive needed health care; Received needed health care
<b>Notes for Data-Users</b>	
This measure is based on the single item "During the past 12 months, was there any time when this child needed health care but it was not received? By health care, we mean medical care as well as other kinds of care like dental care, vision care, and mental health services.	
<b>Revisions and Changes</b>	
There have been no substantive changes to this measure since 2016.	
<b>SPSS Syntax and Annotation</b>	
<pre> COMPUTE ForgoneCare_1920 = K4Q27. VARIABLE LABELS ForgoneCare_1920 "Indicator 4.18: Children who were not able to receive needed health care in the past year". VALUE LABELS ForgoneCare_1920 1 "Did not receive needed health care" 2 "Received needed health care (or did not need health care)" 99 "Missing". MISSING VALUES ForgoneCare_1920(99). EXECUTE.  ** NOM 25: Forgone health care  MISSING VALUES ForgoneCare_1920().  COMPUTE nom25ForgoneHC_1920 = ForgoneCare_1920. VARIABLE LABELS nom25ForgoneHC_1920 "National Outcome Measure 25: Percent of children, ages 0 through 17, who were not able to obtain needed health care in the last year". VALUE LABELS nom25ForgoneHC_1920 1 "Needed care, but did not receive" 2 "Received needed care" 99 "Missing". </pre>	

MISSING VALUES nom25ForgoneHC\_1920(99).  
EXECUTE.

MISSING VALUES ForgoneCare\_1920(99).

## Appendix A: Unweighted Frequency Tables

### Child and Family Health Measures and Subgroup Variables



**Important Note:** **Unweighted frequency distributions** shown here can be used ONLY as a resource for cross-checking results, **NOT for reporting of the survey estimates.**

## Physical, Oral Health and Functional Status

ChHlthSt_1920 Indicator 1.1: Children's overall health status					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent or very good	66126	91.6	91.7	91.7
	2 Good	5048	7.0	7.0	98.7
	3 Fair or poor	904	1.3	1.3	100.0
	Total	72078	99.8	100.0	
Missing	99 Missing	132	.2		
Total		72210	100.0		

TeethCond_1920 Indicator 1.2: Overall condition of children's teeth, age 1-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent or very good	57024	79.0	81.9	81.9
	2 Good	9707	13.4	13.9	95.8
	3 Fair or poor	2911	4.0	4.2	100.0
	Total	69642	96.4	100.0	
Missing	95 Children age less than year old or Children with no teeth	2434	3.4		
	99 Missing	134	.2		
	Total	2568	3.6		
	Total	72210	100.0		

OralProb_1920 Indicator 1.2a: Oral health problems: toothache, bleeding gums, and/or decayed teeth or cavities, age 1-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 One or more	8617	11.9	12.4	12.4
	2 None	61149	84.7	87.6	100.0
	Total	69766	96.6	100.0	
Missing	95 Children age less than 1 year	2330	3.2		
	99 Missing to all	114	.2		
	Total	2444	3.4		
Total		72210	100.0		

toothache_1920 Children who had toothache during the past 12 months, age 1-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	2394	3.3	3.4	3.4
	2.00 No	67120	93.0	96.6	100.0
	Total	69514	96.3	100.0	
Missing	95.00 Children age less than 1 year old	2330	3.2		
	99.00 Missing	366	.5		
	Total	2696	3.7		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>gumbleed_1920 Children who had bleeding gums during the past 12 months, age 1-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	1437	2.0	2.1	2.1
	2.00 No	68030	94.2	97.9	100.0
	Total	69467	96.2	100.0	
Missing	95.00 Children age less than 1 year old	2330	3.2		
	99.00 Missing	413	.6		
	Total	2743	3.8		
Total		72210	100.0		

<b>cavities_1920 Children who had decayed teeth or cavities during the past 12 months, age 1-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	7023	9.7	10.1	10.1
	2.00 No	62644	86.8	89.9	100.0
	Total	69667	96.5	100.0	
Missing	95.00 Children age less than 1 year old	2330	3.2		
	99.00 Missing	213	.3		
	Total	2543	3.5		
Total		72210	100.0		

<b>BrstEver_1920 Indicator 1.3: Children who were ever breastfed or fed breast milk, age 0-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	16915	23.4	84.9	84.9
	2 No	3010	4.2	15.1	100.0
	Total	19925	27.6	100.0	
Missing	90 Children age 6-17 years	51895	71.9		
	99 Missing	390	.5		
	Total	52285	72.4		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>ExBrstFd_1920 Indicator 1.3a: Exclusively breastfed or given breast milk for first 6 months, age 6 months-5 years</b>		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Never breastfed or given breast milk	2893	4.0	15.3	15.3
	2.00 Exclusively breastfed for first 6 months	1927	2.7	10.2	25.6
	3.00 Breastfed first 6 months, not exclusively	13945	19.3	73.9	99.5
	4.00 Breastfed, exclusivity not known	93	.1	.5	100.0
	Total	18858	26.1	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children less than 6 months	1079	1.5		
	99.00 Missing	378	.5		
	Total	53352	73.9		
Total		72210	100.0		

<b>BMI4_1920 Indicator 1.4: Weight status of the child based on Body Mass Index (BMI)-for-age in four categories, 10-17 years</b>		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Underweight (less than 5th percentile)	2275	3.2	6.2	6.2
	2.00 Normal weight (5th to 84th percentile)	23780	32.9	65.1	71.4
	3.00 Overweight (85th to 94th percentile)	5409	7.5	14.8	86.2
	4.00 Obese (95th percentile or above)	5048	7.0	13.8	100.0
	Total	36512	50.6	100.0	
Missing	90.00 Children age 0-9 years	34436	47.7		
	99.00 Missing	1262	1.7		
	Total	35698	49.4		
Total		72210	100.0		

<b>BMI3_1920 Indicator 1.4a: Weight status of children based on Body Mass Index (BMI)-for-age in three categories, 10-17 years</b>		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Underweight (less than 5th percentile)	2275	3.2	6.2	6.2
	2.00 Normal weight (5th to 84th percentile)	23780	32.9	65.1	71.4
	3.00 Overweight or obese (85th percentile or above)	10457	14.5	28.6	100.0
	Total	36512	50.6	100.0	
Missing	90.00 Children age 0-9 years	34436	47.7		
	99.00 Missing	1262	1.7		
	Total	35698	49.4		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>ToldOverweight_1920 Indicator 1.4b: Children who ever told by a doctor or health professional that they have overweight</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	4956	6.9	6.9	6.9
	2.00 No	66971	92.7	93.1	100.0
	Total	71927	99.6	100.0	
Missing	99.00 Missing	283	.4		
Total		72210	100.0		

<b>PhysAct_1920 Indicator 1.5 Children who are physically active at least 60 minutes per day, age 6-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 0 days	5258	7.3	10.3	10.3
	2 1-3 days	20693	28.7	40.4	50.7
	3 4-6 days	14690	20.3	28.7	79.3
	4 Every day	10590	14.7	20.7	100.0
	Total	51231	70.9	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	664	.9		
	Total	20979	29.1		
Total		72210	100.0		

<b>WgtConcn_1920 Indicator 1.6: Parental concern about their children's weight</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes, concerned it is too high	5435	7.5	7.6	7.6
	2 Yes, concerned it is too low	2099	2.9	2.9	10.5
	3 No, not concerned	64385	89.2	89.5	100.0
	Total	71919	99.6	100.0	
Missing	99 Missing	291	.4		
Total		72210	100.0		

<b>LowBWght_1920 Indicator 1.7: Children who were born with a low birth weight, that is they weighed less than 2500 grams at birth</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Child was born with low birth weight	5897	8.2	8.5	8.5
	2.00 Child did not have a low birth weight	63500	87.9	91.5	100.0
	Total	69397	96.1	100.0	
Missing	99.00 Missing	2813	3.9		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

### **VeryLBWght\_1920 Indicator 1.7a: Children who were born with a low birth weight, that is they weighed less than 1500 grams at birth**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Child was born with very low birth weight (<1500g)	886	1.2	1.3	1.3
	2.00 Child was born with low birth weight (1500-<2500g)	5011	6.9	7.2	8.5
	3.00 Child did not have a low birth weight	63500	87.9	91.5	100.0
	Total	69397	96.1	100.0	
Missing	99.00 Missing	2813	3.9		
Total		72210	100.0		

### **BornPre\_1920 Indicator 1.8: Children who were born premature, that is more than 3 weeks before their due date**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	7645	10.6	10.8	10.8
	2.00 No	63431	87.8	89.2	100.0
	Total	71076	98.4	100.0	
Missing	99.00 Missing	1134	1.6		
Total		72210	100.0		

### **Cond2more\_1920 Indicator 1.9: Number of current or lifelong health conditions**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 None	41641	57.7	57.7	57.7
	2.00 1 health condition	14828	20.5	20.5	78.2
	3.00 2 or more health conditions	15741	21.8	21.8	100.0
	Total	72210	100.0	100.0	

### **allergies\_1920 Children who currently have allergies including food, drug, insect, or other**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	52591	72.8	73.1	73.1
	2.00 Ever told, but does not currently have condition	3425	4.7	4.8	77.8
	3.00 Currently has condition	15968	22.1	22.2	100.0
	Total	71984	99.7	100.0	
Missing	99.00 Missing	226	.3		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

arthritis_1920 Children currently have arthritis					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	71224	98.6	99.7	99.7
	2.00 Ever told, but does not currently have condition	57	.1	.1	99.8
	3.00 Currently has condition	178	.2	.2	100.0
	Total	71459	99.0	100.0	
Missing	99.00 Missing	751	1.0		
Total		72210	100.0		

asthma_1920 Children currently have asthma					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	63205	87.5	88.4	88.4
	2.00 Ever told, but does not currently have condition	2741	3.8	3.8	92.2
	3.00 Currently has condition	5566	7.7	7.8	100.0
	Total	71512	99.0	100.0	
Missing	99.00 Missing	698	1.0		
Total		72210	100.0		

BloodScr_1920 Children who have blood disorders (such as sickle cell disease, thalassemia, or hemophilia) identified through a blood test					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Never had condition	71704	99.3	99.5	99.5
	2.00 Ever told, but was not identified through a blood test	196	.3	.3	99.8
	3.00 Ever told, was identified through a blood test	171	.2	.2	100.0
	Total	72071	99.8	100.0	
Missing	99.00 Missing	139	.2		
Total		72210	100.0		

palsy_1920 Children who currently have cerebral palsy					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	71735	99.3	99.7	99.7
	2.00 Ever told, but does not currently have condition	22	.0	.0	99.7
	3.00 Currently has condition	194	.3	.3	100.0
	Total	71951	99.6	100.0	
Missing	99.00 Missing	259	.4		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

CystFib_1920 Children who have cystic fibrosis					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Never had condition	72014	99.7	99.9	99.9
	3.00 Has condition	53	.1	.1	100.0
	Total	72067	99.8	100.0	
Missing	99.00 Missing	143	.2		
Total		72210	100.0		

diabetes_1920 Children who currently have diabetes					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	71624	99.2	99.5	99.5
	2.00 Ever told, but does not currently have condition	33	.0	.0	99.6
	3.00 Currently has condition	312	.4	.4	100.0
	Total	71969	99.7	100.0	
Missing	99.00 Missing	241	.3		
Total		72210	100.0		

DownSynd_1920 Children who have Down Syndrome					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Never had condition	71867	99.5	99.8	99.8
	3.00 Has condition	138	.2	.2	100.0
	Total	72005	99.7	100.0	
Missing	99.00 Missing	205	.3		
Total		72210	100.0		

seizure_1920 Children who currently have epilepsy or seizure disorder					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	71223	98.6	98.9	98.9
	2.00 Ever told, but does not currently have condition	306	.4	.4	99.3
	3.00 Currently has condition	474	.7	.7	100.0
	Total	72003	99.7	100.0	
Missing	99.00 Missing	207	.3		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

<b>GeneticScr_1920 Children who have a genetic or inherited condition identified through a blood test</b>		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Never had condition	68740	95.2	95.8	95.8
	2.00 Ever told, but was not identified through a blood test	2583	3.6	3.6	99.4
	3.00 Ever told, was identified through a blood test	461	.6	.6	100.0
	Total	71784	99.4	100.0	
Missing	99.00 Missing	426	.6		
Total		72210	100.0		

<b>heart_1920 Children who currently have a heart condition</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	70233	97.3	97.5	97.5
	2.00 Ever told, but does not currently have condition	751	1.0	1.0	98.5
	3.00 Currently has condition	1066	1.5	1.5	100.0
	Total	72050	99.8	100.0	
Missing	99.00 Missing	160	.2		
Total		72210	100.0		

<b>headache_1920 Children who currently have frequent or severe headache including migraine, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	60188	83.4	95.3	95.3
	2.00 Ever told, but does not currently have condition	756	1.0	1.2	96.5
	3.00 Currently has condition	2185	3.0	3.5	100.0
	Total	63129	87.4	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	235	.3		
	Total	9081	12.6		
Total		72210	100.0		

<b>tourette_1920 Children who currently have Tourette Syndrome, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	62962	87.2	99.7	99.7
	2.00 Ever told, but does not currently have condition	36	.0	.1	99.8
	3.00 Currently has condition	142	.2	.2	100.0
	Total	63140	87.4	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	224	.3		
	Total	9070	12.6		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

anxiety_1920 Children who currently have anxiety problems, age 3-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	54752	75.8	87.1	87.1
	2.00 Ever told, but does not currently have condition	872	1.2	1.4	88.4
	3.00 Currently has condition	7267	10.1	11.6	100.0
	Total	62891	87.1	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	473	.7		
	Total	9319	12.9		
Total		72210	100.0		

depress_1920 Children who currently have depression, age 3-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	59281	82.1	94.0	94.0
	2.00 Ever told, but does not currently have condition	693	1.0	1.1	95.1
	3.00 Currently has condition	3106	4.3	4.9	100.0
	Total	63080	87.4	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	284	.4		
	Total	9130	12.6		
Total		72210	100.0		

behavior_1920 Children who currently have behavioral or conduct problems, age 3-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	57231	79.3	90.7	90.7
	2.00 Ever told, but does not currently have condition	1076	1.5	1.7	92.4
	3.00 Currently has condition	4770	6.6	7.6	100.0
	Total	63077	87.4	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	287	.4		
	Total	9133	12.6		
Total		72210	100.0		

DevDelay_1920 Children who currently have developmental delay, age 3-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	58337	80.8	92.5	92.5
	2.00 Ever told, but does not currently have condition	1139	1.6	1.8	94.3
	3.00 Currently has condition	3577	5.0	5.7	100.0
	Total	63053	87.3	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	311	.4		
	Total	9157	12.7		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>IntDisab_1920 Children who currently have intellectual disability or mental retardation, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	62439	86.5	98.8	98.8
	2.00 Ever told, but does not currently have condition	23	.0	.0	98.9
	3.00 Currently has condition	706	1.0	1.1	100.0
	Total	63168	87.5	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	196	.3		
	Total	9042	12.5		
Total		72210	100.0		

<b>speech_1920 Children who currently have speech or other language disorder, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	57643	79.8	91.3	91.3
	2.00 Ever told, but does not currently have condition	1987	2.8	3.1	94.5
	3.00 Currently has condition	3480	4.8	5.5	100.0
	Total	63110	87.4	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	254	.4		
	Total	9100	12.6		
Total		72210	100.0		

<b>learning_1920 Children who currently have a learning disability, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	58007	80.3	91.9	91.9
	2.00 Ever told, but does not currently have condition	317	.4	.5	92.4
	3.00 Currently has condition	4767	6.6	7.6	100.0
	Total	63091	87.4	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	273	.4		
	Total	9119	12.6		
Total		72210	100.0		

<b>autism_1920 Children who currently have Autism or Autism Spectrum Disorder including Asperger's Disorder, Pervasive Developmental Disorder, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	61018	84.5	96.7	96.7
	2.00 Ever told, but does not currently have condition	108	.1	.2	96.9
	3.00 Currently has condition	1966	2.7	3.1	100.0
	Total	63092	87.4	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	272	.4		
	Total	9118	12.6		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

<b>ADHD_1920 Children who currently have Attention Deficit Disorder (ADD) or Attention-Deficit Hyperactivity Disorder (ADHD), age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not have condition	55698	77.1	88.6	88.6
	2.00 Ever told, but does not currently have condition	556	.8	.9	89.5
	3.00 Currently has condition	6619	9.2	10.5	100.0
	Total	62873	87.1	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	491	.7		
	Total	9337	12.9		
Total		72210	100.0		

<b>hearing_1920 Children who have deafness or problems with hearing</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	922	1.3	1.3	1.3
	2 No	71029	98.4	98.7	100.0
	Total	71951	99.6	100.0	
Missing	99 Missing	259	.4		
Total		72210	100.0		

<b>vision_1920 Children who have blindness or problems with seeing, even when wearing glasses</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	1020	1.4	1.4	1.4
	2 No	71001	98.3	98.6	100.0
	Total	72021	99.7	100.0	
Missing	99 Missing	189	.3		
Total		72210	100.0		

<b>AllerSev_1920 Parent-rated severity of child's current allergies including food, drug, insect, or other</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	56016	77.6	77.9	77.9
	2.00 Current condition, rated mild	9556	13.2	13.3	91.1
	3.00 Current condition, rated moderate/severe	6370	8.8	8.9	100.0
	Total	71942	99.6	100.0	
Missing	99.00 Missing	268	.4		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>ArthrSev_1920 Parent-rated severity of child's current arthritis</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	71281	98.7	99.8	99.8
	2.00 Current condition, rated mild	84	.1	.1	99.9
	3.00 Current condition, rated moderate/severe	93	.1	.1	100.0
	Total	71458	99.0	100.0	
Missing	99.00 Missing	752	1.0		
Total		72210	100.0		

<b>AsthmSev_1920 Parent-rated severity of child's current asthma</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	65946	91.3	92.3	92.3
	2.00 Current condition, rated mild	3876	5.4	5.4	97.7
	3.00 Current condition, rated moderate/severe	1649	2.3	2.3	100.0
	Total	71471	99.0	100.0	
Missing	99.00 Missing	739	1.0		
Total		72210	100.0		

<b>BloodSev_1920 Parent-rated severity of child's blood disorders (such as sickle cell disease, thalassemia, or hemophilia)</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Never had condition	71704	99.3	99.5	99.5
	2.00 Ever told, rated mild	242	.3	.3	99.8
	3.00 Ever told, rated moderate/severe	114	.2	.2	100.0
	Total	72060	99.8	100.0	
Missing	99.00 Missing	150	.2		
Total		72210	100.0		

<b>PalsySev_1920 Parent-rated severity of child's current cerebral palsy</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	71757	99.4	99.7	99.7
	2.00 Current condition, rated mild	87	.1	.1	99.9
	3.00 Current condition, rated moderate/severe	103	.1	.1	100.0
	Total	71947	99.6	100.0	
Missing	99.00 Missing	263	.4		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>DiabetSev_1920 Parent-rated severity of child's current diabetes</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	71657	99.2	99.6	99.6
	2.00 Current condition, rated mild	58	.1	.1	99.7
	3.00 Current condition, rated moderate/severe	250	.3	.3	100.0
	Total	71965	99.7	100.0	
Missing	99.00 Missing	245	.3		
Total		72210	100.0		

<b>SeizSev_1920 Parent-rated severity of child's current epilepsy or seizure disorder</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	71529	99.1	99.3	99.3
	2.00 Current condition, rated mild	264	.4	.4	99.7
	3.00 Current condition, rated moderate/severe	204	.3	.3	100.0
	Total	71997	99.7	100.0	
Missing	99.00 Missing	213	.3		
Total		72210	100.0		

<b>GenetSev_1920 Parent-rated severity of child's current genetic or inherited condition</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Never had condition	68740	95.2	95.8	95.8
	2.00 Ever told, rated mild	1096	1.5	1.5	97.3
	3.00 Ever told, rated moderate/severe	1924	2.7	2.7	100.0
	Total	71760	99.4	100.0	
Missing	99.00 Missing	450	.6		
Total		72210	100.0		

<b>HeartSev_1920 Parent-rated severity of child's current heart condition</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	70984	98.3	98.5	98.5
	2.00 Current condition, rated mild	837	1.2	1.2	99.7
	3.00 Current condition, rated moderate/severe	224	.3	.3	100.0
	Total	72045	99.8	100.0	
Missing	99.00 Missing	165	.2		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>HeadSev_1920 Parent-rated severity of current frequent or severe headaches including migraine, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	60944	84.4	96.6	96.6
	2.00 Current condition, rated mild	1111	1.5	1.8	98.3
	3.00 Current condition, rated moderate/severe	1053	1.5	1.7	100.0
	Total	63108	87.4	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	256	.4		
	Total	9102	12.6		
Total		72210	100.0		

<b>TouretSev_1920 Parent-rated severity of child's current Tourette Syndrome, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	62998	87.2	99.8	99.8
	2.00 Current condition, rated mild	98	.1	.2	99.9
	3.00 Current condition, rated moderate/severe	43	.1	.1	100.0
	Total	63139	87.4	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	225	.3		
	Total	9071	12.6		
Total		72210	100.0		

<b>AnxietSev_1920 Parent-rated severity of child's current anxiety, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	55624	77.0	88.5	88.5
	2.00 Current condition, rated mild	3478	4.8	5.5	94.1
	3.00 Current condition, rated moderate/severe	3726	5.2	5.9	100.0
	Total	62828	87.0	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	536	.7		
	Total	9382	13.0		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

DepresSev_1920 Parent-rated severity of child's current depression, age 3-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	59974	83.1	95.1	95.1
	2.00 Current condition, rated mild	1520	2.1	2.4	97.5
	3.00 Current condition, rated moderate/severe	1561	2.2	2.5	100.0
	Total	63055	87.3	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	309	.4		
	Total	9155	12.7		
Total		72210	100.0		

BehavSev_1920 Parent-rated severity of child's current behavioral or conduct problems, age 3-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	58307	80.7	92.5	92.5
	2.00 Current condition, rated mild	2136	3.0	3.4	95.9
	3.00 Current condition, rated moderate/severe	2594	3.6	4.1	100.0
	Total	63037	87.3	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	327	.5		
	Total	9173	12.7		
Total		72210	100.0		

DevDelSev_1920 Parent-rated severity of child's developmental delay, age 3-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	59476	82.4	94.4	94.4
	2.00 Current condition, rated mild	1652	2.3	2.6	97.0
	3.00 Current condition, rated moderate/severe	1884	2.6	3.0	100.0
	Total	63012	87.3	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	352	.5		
	Total	9198	12.7		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>IntDisSev_1920 Parent-rated severity of child's current intellectual disability, age 3-17 years</b>		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	62462	86.5	98.9	98.9
	2.00 Current condition, rated mild	225	.3	.4	99.3
	3.00 Current condition, rated moderate/severe	469	.6	.7	100.0
	Total	63156	87.5	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	208	.3		
	Total	9054	12.5		
Total		72210	100.0		

<b>SpeechSev_1920 Parent-rated severity of child's current speech or other language disorder, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	59630	82.6	94.5	94.5
	2.00 Current condition, rated mild	2032	2.8	3.2	97.8
	3.00 Current condition, rated moderate/severe	1413	2.0	2.2	100.0
	Total	63075	87.3	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	289	.4		
	Total	9135	12.7		
Total		72210	100.0		

<b>LearnSev_1920 Parent-rated severity of child's current learning disability, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	58324	80.8	92.5	92.5
	2.00 Current condition, rated mild	2293	3.2	3.6	96.2
	3.00 Current condition, rated moderate/severe	2424	3.4	3.8	100.0
	Total	63041	87.3	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	323	.4		
	Total	9169	12.7		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

		AutismSev_1920 Parent-rated severity of child's current Autism/ASD, age 3-17 years			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	61126	84.7	96.9	96.9
	2.00 Current condition, rated mild	976	1.4	1.5	98.5
	3.00 Current condition, rated moderate/severe	972	1.3	1.5	100.0
	Total	63074	87.3	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	290	.4		
	Total	9136	12.7		
Total		72210	100.0		

		ADHDSev_1920 Parent-rated severity of child's current ADD/ADHD, age 3-17 years			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Does not currently have condition	56254	77.9	89.6	89.6
	2.00 Current condition, rated mild	2819	3.9	4.5	94.1
	3.00 Current condition, rated moderate/severe	3734	5.2	5.9	100.0
	Total	62807	87.0	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	557	.8		
	Total	9403	13.0		
Total		72210	100.0		

		Diff2more_1920 Indicator 1.10: Number of functional difficulties reported from a list of 12 difficulties			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Does not have any difficulties	53536	74.1	74.2	74.2
	1 One functional difficulty	11716	16.2	16.2	90.4
	2 Two or more functional difficulties	6895	9.5	9.6	100.0
	Total	72147	99.9	100.0	
Missing	99 Missing to all	63	.1		
Total		72210	100.0		

		DiffBreath_1920 Children who have experienced frequent or chronic difficulty with breathing or other respiratory problems (such as wheezing or shortness of breath) in the past 12 months			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	5161	7.1	7.2	7.2
	2 No	66894	92.6	92.8	100.0
	Total	72055	99.8	100.0	
Missing	99 Missing	155	.2		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>DiffSwall_1920 Children who have had frequent or chronic difficulty with eating or swallowing in the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	1046	1.4	1.5	1.5
	2 No	70905	98.2	98.5	100.0
	Total	71951	99.6	100.0	
Missing	99 Missing	259	.4		
Total		72210	100.0		

<b>DiffDigest_1920 Children who have had frequent or chronic difficulty with digesting food, including stomach/intestinal problems, constipation, or diarrhea in the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	5832	8.1	8.1	8.1
	2 No	66035	91.4	91.9	100.0
	Total	71867	99.5	100.0	
Missing	99 Missing	343	.5		
Total		72210	100.0		

<b>DiffPain_1920 Children who have had frequent or chronic difficulty with repeated or chronic physical pain, including headaches or other back or body pain in the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	4957	6.9	6.9	6.9
	2 No	66975	92.8	93.1	100.0
	Total	71932	99.6	100.0	
Missing	99 Missing	278	.4		
Total		72210	100.0		

<b>DiffHands_1920 Children who have had frequent or chronic difficulty using their hands in the past 12 months, age 0-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	1189	1.6	5.9	5.9
	2.00 No	19043	26.4	94.1	100.0
	Total	20232	28.0	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	99.00 Missing	83	.1		
	Total	51978	72.0		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

**DiffCoor\_1920 Children who have had frequent or chronic difficulty with coordination or moving around in the past 12 month, age 0-5 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	1333	1.8	6.6	6.6
	2.00 No	18889	26.2	93.4	100.0
	Total	20222	28.0	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	99.00 Missing	93	.1		
	Total	51988	72.0		
Total		72210	100.0		

**DiffMem\_1920 Children who have serious difficulty concentrating, remembering, or making decisions because of a physical, mental, or emotional condition, age 6-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	5695	7.9	11.1	11.1
	2 No	45793	63.4	88.9	100.0
	Total	51488	71.3	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	407	.6		
	Total	20722	28.7		
Total		72210	100.0		

**DiffWalk\_1920 Children who have serious difficulty walking or climbing stairs, age 6-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	453	.6	.9	.9
	2.00 No	51000	70.6	99.1	100.0
	Total	51453	71.3	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	442	.6		
	Total	20757	28.7		
Total		72210	100.0		

**DiffDress\_1920 Children who have difficulty dressing or bathing, age 6-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	789	1.1	1.5	1.5
	2 No	50644	70.1	98.5	100.0
	Total	51433	71.2	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	462	.6		
	Total	20777	28.8		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

<b>DiffErrand_1920 Children who have difficulty doing errands alone, such as visiting a doctor's office or shopping, because of a physical, mental, or emotional condition, age 12-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	1384	1.9	4.7	4.7
	2 No	28076	38.9	95.3	100.0
	Total	29460	40.8	100.0	
Missing	90 Children age 0-11 years	42441	58.8		
	99 Missing	309	.4		
	Total	42750	59.2		
Total		72210	100.0		

<b>CSHCN_1920 Indicator 1.11: Children with special health care needs</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Children with special health care needs (CSHCN)	17065	23.6	23.6	23.6
	2 Non-CSHCN	55145	76.4	76.4	100.0
	Total	72210	100.0	100.0	

<b>rxmeds_1920 Children qualifying on the CSHCN Screener prescription medication criteria</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	12219	16.9	16.9	16.9
	2 No	59991	83.1	83.1	100.0
	Total	72210	100.0	100.0	

<b>serve_1920 Children qualifying on the CSHCN Screener for elevated use of services criteria</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	8947	12.4	12.4	12.4
	2 No	63263	87.6	87.6	100.0
	Total	72210	100.0	100.0	

<b>func_1920 Children qualifying on the CSHCN Screener functional limitations criteria</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	4089	5.7	5.7	5.7
	2.00 No	68121	94.3	94.3	100.0
	Total	72210	100.0	100.0	

<b>therapy_1920 Children qualifying on the CSHCN Screener specialized therapy criteria</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	4448	6.2	6.2	6.2
	2 No	67762	93.8	93.8	100.0
	Total	72210	100.0	100.0	

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>mhealth_1920 Children qualifying on the CSHCN Screener ongoing emotional, developmental or behavioral criteria for which treatment or counseling is needed</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	7895	10.9	10.9	10.9
	2 No	64315	89.1	89.1	100.0
	Total	72210	100.0	100.0	

<b>mhneeds_1920 Children with special health care needs who have ongoing emotional, behavioral or developmental issues for which treatment or counseling is needed</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	7895	10.9	10.9	10.9
	2 No	9170	12.7	12.7	23.6
	3 Non-CSHCN	55145	76.4	76.4	100.0
	Total	72210	100.0	100.0	

<b>qualnum4_1920 Number of CSHCN Screener criteria CSHCN met</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 1 criteria	7107	9.8	41.6	41.6
	2.00 2 criteria	3765	5.2	22.1	63.7
	3.00 3 criteria	3008	4.2	17.6	81.3
	4.00 4 or 5 criteria	3185	4.4	18.7	100.0
	Total	17065	23.6	100.0	
Missing	.00 Non-CSHCN	55145	76.4		
	Total	72210	100.0		

<b>CSHCNtype_1920 Children with specific types of special health care needs based on CSHCN screening criteria</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Non-CSHCN (no qualifying health needs on CSHCN Screener)	55145	76.4	76.4	76.4
	1 CSHCN - Functional limitations (alone or in combination with other qualifying needs)	4089	5.7	5.7	82.0
	2 CSHCN - Prescription medication only (no other qualifying needs on CSHCN Screener)	4903	6.8	6.8	88.8
	3 CSHCN – Above-routine use of services or use of specialized services (no other qualifying needs on CSHCN Screener)	3255	4.5	4.5	93.3
	4 CSHCN - Prescription medication AND above-routine use of services	4818	6.7	6.7	100.0
	Total	72210	100.0	100.0	

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>CSHCNComplex_1920 Complexity of health care needs</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 CSHCN with more complex health needs	12162	16.8	16.8	16.8
	2 CSHCN with less complex health needs	4903	6.8	6.8	23.6
	3 Non-CSHCN	55145	76.4	76.4	100.0
	Total	72210	100.0	100.0	

<b>DailyAct_1920 Indicator 1.12: Children whose health conditions consistently and often greatly affect their daily activities during the past 12 months among children who have any condition</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Daily activities never affected	5505	7.6	24.6	24.6
	2.00 Daily activities moderately affected some of time	14608	20.2	65.2	89.8
	3.00 Daily activities consistently affected, often a great deal	2295	3.2	10.2	100.0
	Total	22408	31.0	100.0	
Missing	.00 Do not have any health conditions	49353	68.3		
	99.00 Missing to both items	449	.6		
	Total	49802	69.0		
Total		72210	100.0		

## Emotional and Mental Health

**bully\_1920 Indicator 2.1: Children who bullied others, picked on them or excluded them during the past 12 months, age 6-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Never (in the past 12 months)	41773	57.8	81.7	81.7
	2.00 1-2 times (in the past 12 months)	7592	10.5	14.8	96.6
	3.00 1-2 times per month	1131	1.6	2.2	98.8
	4.00 1-2 times per week	438	.6	.9	99.6
	5.00 Almost every day	193	.3	.4	100.0
	Total	51127	70.8	100.0	
Missing	90.00 Children age 0-5 years	20315	28.1		
	99.00 Missing	768	1.1		
	Total	21083	29.2		
Total		72210	100.0		

**bullied\_1920 Indicator 2.2: Children who are bullied, picked on, or excluded by other children during the past 12 months, age 6-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Never (in the past 12 months)	28547	39.5	55.8	55.8
	2.00 1-2 times (in the past 12 months)	16084	22.3	31.5	87.3
	3.00 1-2 times per month	3868	5.4	7.6	94.8
	4.00 1-2 times per week	1763	2.4	3.4	98.3
	5.00 Almost every day	872	1.2	1.7	100.0
	Total	51134	70.8	100.0	
Missing	90.00 Children age 0-5 years	20315	28.1		
	99.00 Missing	761	1.1		
	Total	21076	29.2		
Total		72210	100.0		

**flrish0to5\_1920 Indicator 2.3: Flourishing for young children, age 6 months-5 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Meets 0-2 flourishing items	566	.8	3.0	3.0
	2.00 Meets 3 flourishing items	2334	3.2	12.2	15.2
	3.00 Meets all 4 flourishing items	16194	22.4	84.8	100.0
	Total	19094	26.4	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <6 months	1079	1.5		
	99.00 Missing to all 4 items	142	.2		
	Total	53116	73.6		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

<b>resil0to5_1920 Children who bounce back quickly when things don't go their way, age 6 months-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	8092	11.2	42.5	42.5
	2.00 Usually	8880	12.3	46.6	89.1
	3.00 Sometimes	1907	2.6	10.0	99.1
	4.00 Never	173	.2	.9	100.0
	Total	19052	26.4	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <6 months	1079	1.5		
	99.00 Missing	184	.3		
	Total	53158	73.6		
	Total	72210	100.0		

<b>tender_1920 Children are affectionate and tender with parent, age 6 months-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	13014	18.0	68.3	68.3
	2.00 Usually	5489	7.6	28.8	97.1
	3.00 Sometimes	504	.7	2.6	99.7
	4.00 Never	48	.1	.3	100.0
	Total	19055	26.4	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <6 months	1079	1.5		
	99.00 Missing	181	.3		
	Total	53155	73.6		
	Total	72210	100.0		

<b>curious0to5_1920 Children who show interest and curiosity in learning new things, age 6 months-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	14168	19.6	74.4	74.4
	2.00 Usually	4180	5.8	21.9	96.3
	3.00 Sometimes	653	.9	3.4	99.8
	4.00 Never	47	.1	.2	100.0
	Total	19048	26.4	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <6 months	1079	1.5		
	99.00 Missing	188	.3		
	Total	53162	73.6		
	Total	72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

<b>smile_1920 Children who smile and laugh, age 6 months-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	15444	21.4	81.0	81.0
	2.00 Usually	3487	4.8	18.3	99.3
	3.00 Sometimes	128	.2	.7	99.9
	4.00 Never	10	.0	.1	100.0
	Total	19069	26.4	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <6 months	1079	1.5		
	99.00 Missing	167	.2		
	Total	53141	73.6		
	Total	72210	100.0		

<b>flrish6to17_1920 Indicator 2.4: Flourishing for children and adolescents, age 6-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Meets 0-1 flourishing items	8679	12.0	16.9	16.9
	2.00 Meets 2 flourishing items	10027	13.9	19.5	36.3
	3.00 Meets all 3 flourishing items	32765	45.4	63.7	100.0
	Total	51471	71.3	100.0	
Missing	90.00 Children age 0-5 years	20315	28.1		
	99.00 Missing to all 3 items	424	.6		
	Total	20739	28.7		
Total		72210	100.0		

<b>curious6to17_1920 Children who show interest and curiosity in learning new things, age 6-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	25839	35.8	50.3	50.3
	2.00 Usually	18420	25.5	35.8	86.1
	3.00 Sometimes	6738	9.3	13.1	99.2
	4.00 Never	414	.6	.8	100.0
	Total	51411	71.2	100.0	
Missing	90.00 Children age 0-5 years	20315	28.1		
	99.00 Missing	484	.7		
	Total	20799	28.8		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

<b>resil6to17_1920 Children who stay calm and in control when faced with a challenge, age 6-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	11280	15.6	22.1	22.1
	2.00 Usually	26556	36.8	52.0	74.0
	3.00 Sometimes	12140	16.8	23.8	97.8
	4.00 Never	1127	1.6	2.2	100.0
	Total	51103	70.8	100.0	
Missing	90.00 Children age 0-5 years	20315	28.1		
	99.00 Missing	792	1.1		
	Total	21107	29.2		
Total		72210	100.0		

<b>finishes_1920 Children who work to finish the tasks they start, age 6-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	16586	23.0	32.5	32.5
	2.00 Usually	25303	35.0	49.6	82.1
	3.00 Sometimes	8519	11.8	16.7	98.8
	4.00 Never	595	.8	1.2	100.0
	Total	51003	70.6	100.0	
Missing	90.00 Children age 0-5 years	20315	28.1		
	99.00 Missing	892	1.2		
	Total	21207	29.4		
Total		72210	100.0		

<b>argue_1920 Indicator 2.5: Children who argue too much, age 6-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	2838	3.9	5.6	5.6
	2 Usually	5805	8.0	11.4	16.9
	3 Sometimes	29706	41.1	58.1	75.1
	4 Never	12746	17.7	24.9	100.0
	Total	51095	70.8	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	800	1.1		
	Total	21115	29.2		
Total		72210	100.0		

<b>MakeFriend_1920 Indicator 2.6: Difficulties making or keeping friends, age 6-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No difficulty	38399	53.2	75.0	75.0
	2 A little difficulty	10229	14.2	20.0	95.0
	3 A lot of difficulty	2565	3.6	5.0	100.0
	Total	51193	70.9	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	702	1.0		
	Total	21017	29.1		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>ADHDind_1920 Indicator 2.7: Children who currently have Attention Deficit Disorder (ADD) or Attention-Deficit Hyperactivity Disorder (ADHD), age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	55698	77.1	88.6	88.6
	2 Ever told, but does not currently have condition	556	.8	.9	89.5
	3 Currently has condition	6619	9.2	10.5	100.0
	Total	62873	87.1	100.0	
Missing	95 Children age 0-2 years	8846	12.3		
	99 Missing	491	.7		
	Total	9337	12.9		
Total		72210	100.0		

<b>ADHDSevInd_1920 Indicator 2.7a: Parent-rated severity of current ADD/ADHD, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	56254	77.9	89.6	89.6
	2 Current condition, rated mild	2819	3.9	4.5	94.1
	3 Current condition, rated moderate or severe	3734	5.2	5.9	100.0
	Total	62807	87.0	100.0	
Missing	95 Children age 0-2 years	8846	12.3		
	99 Missing	557	.8		
	Total	9403	13.0		
Total		72210	100.0		

<b>ADHDMed_1920 Indicator 2.7b: Children currently taking medication for ADD/ADHD, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Currently has condition and taking medication	3990	5.5	6.3	6.3
	2.00 Currently has condition but not taking medication	2600	3.6	4.1	10.5
	3.00 Does not currently have condition	56254	77.9	89.5	100.0
	Total	62844	87.0	100.0	
Missing	95.00 Children age 0-2 year	8846	12.3		
	99.00 Missing	520	.7		
	Total	9366	13.0		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Currently has condition and received behavioral treatment	3007	4.2	4.8	4.8
	2.00 Currently has condition but did not receive behavioral treatment	3596	5.0	5.7	10.5
	3.00 Does not currently have condition	56254	77.9	89.5	100.0
	Total	62857	87.0	100.0	
Missing	95.00 Children age 0-2 year	8846	12.3		
	99.00 Missing	507	.7		
	Total	9353	13.0		
Total		72210	100.0		

<b>AutismInd_1920 Indicator 2.8: Children who currently have autism or autism spectrum disorder including Asperger's Disorder, pervasive developmental disorder, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	61018	84.5	96.7	96.7
	2 Ever told, but does not currently have condition	108	.1	.2	96.9
	3 Currently has condition	1966	2.7	3.1	100.0
	Total	63092	87.4	100.0	
Missing	95 Children age 0-2 years	8846	12.3		
	99 Missing	272	.4		
	Total	9118	12.6		
Total		72210	100.0		

<b>ASDSevInd_1920 Indicator 2.8a: Parent-rated severity of current autism or autism spectrum disorder, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	61126	84.7	96.9	96.9
	2 Current condition, rated mild	976	1.4	1.5	98.5
	3 Current condition, rated moderate or severe	972	1.3	1.5	100.0
	Total	63074	87.3	100.0	
Missing	95 Children age 0-2 years	8846	12.3		
	99 Missing	290	.4		
	Total	9136	12.7		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

**ASDMed\_1920 Indicator 2.8b: Children currently taking medication for autism, ASD, Asperger's Disorder or PDD, age 3-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Currently has condition and taking medication	531	.7	.8	.8
	2.00 Currently has condition but not taking medication	1422	2.0	2.3	3.1
	3.00 Does not currently have condition	61126	84.7	96.9	100.0
	Total	63079	87.4	100.0	
Missing	95.00 Children age 0-2 year	8846	12.3		
	99.00 Missing	285	.4		
	Total	9131	12.6		
Total		72210	100.0		

**ASDBehTreat\_1920 Indicator 2.8c: Received behavioral treatment for autism, ASD, Asperger's Disorder or PDD, age 3-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Currently has condition and received behavioral treatment	1164	1.6	1.8	1.8
	2.00 Currently has condition but did not receive behavioral treatment	790	1.1	1.3	3.1
	3.00 Does not currently have condition	61126	84.7	96.9	100.0
	Total	63080	87.4	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	284	.4		
	Total	9130	12.6		
Total		72210	100.0		

**ASDAge\_1920 Indicator 2.8d: Age of diagnosis for autism or ASD, age 3-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Diagnosed at younger than 3 years of age	440	.6	22.9	22.9
	2.00 Diagnosed at 3-5 years of age	809	1.1	42.2	65.1
	3.00 Diagnosed at older than 5 years of age	670	.9	34.9	100.0
	Total	1919	2.7	100.0	
Missing	995.00 Children age 0-2 year	8846	12.3		
	998.00 Never told that child has autism/ASD	61018	84.5		
	999.00 Don't know/Missing	427	.6		
	Total	70291	97.3		
Total		72210	100.0		

### Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

**ASDDrType\_1920 Indicator 2.8e: Type of doctor or other health care provider who was the first to tell that this child had autism, ASD, Asperger's Disorder or PDD, age 3-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Primary Care Provider	321	.4	16.2	16.2
	2.00 Specialist	709	1.0	35.8	52.0
	3.00 Psychologist/Counselor (school or non-school)	565	.8	28.5	80.6
	4.00 Psychiatrist	233	.3	11.8	92.3
	5.00 Other health care provider	152	.2	7.7	100.0
	Total	1980	2.7	100.0	
Missing	95.00 Children age 0-2 year	8846	12.3		
	96.00 Never told that child has ASD	61018	84.5		
	99.00 Don't Know/Missing	366	.5		
	Total	70230	97.3		
Total		72210	100.0		

**MedEmotion\_1920 Indicator 2.9: Children who are taking medication for ADD/ADHD, ASD, difficulties with emotions, concentration, or behavior, age 3-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	6642	9.2	10.6	10.6
	2 No	55964	77.5	89.4	100.0
	Total	62606	86.7	100.0	
Missing	90 Children age 0-2 years	8846	12.3		
	99 Missing	758	1.0		
	Total	9604	13.3		
Total		72210	100.0		

**MEDB10ScrQ5\_1920 Indicator 2.10: Children with mental, emotional, developmental or behavioral problems, age 3-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Child has 1 or more MEDB problems, and/or qualifies on CSHCN Screener emotional, behavioral or developmental criteria	16245	22.5	25.6	25.6
	2.00 Child does not currently have mental, emotional, developmental, or behavioral problems	47119	65.3	74.4	100.0
	Total	63364	87.7	100.0	
Missing	95.00 Children age 0-2 years	8846	12.3		
	Total	72210	100.0		

## **Health Insurance Coverage**

<b>CurrIns_1920 Indicator 3.1: Current health insurance status at time of survey</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Currently insured	68419	94.8	95.1	95.1
	2 Currently uninsured	3490	4.8	4.9	100.0
	Total	71909	99.6	100.0	
Missing	99 Missing	301	.4		
	Total	72210	100.0		

<b>InsGap_1920 Indicator 3.2: Children who had consistent health insurance coverage during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Consistently insured throughout the past year	67096	92.9	93.8	93.8
	2 Currently uninsured or had periods without coverage	4442	6.2	6.2	100.0
	Total	71538	99.1	100.0	
Missing	99 Missing	672	.9		
	Total	72210	100.0		

<b>NoCovEmp_1920 Children who were not covered by health insurance due to change in parent's employment status</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Gap related to employment change	1195	1.7	27.8	27.8
	2.00 Gap not related to employment change	3101	4.3	72.2	100.0
	Total	4296	5.9	100.0	
Missing	95.00 Insured continuously all year	67096	92.9		
	99.00 Missing	818	1.1		
	Total	67914	94.1		
Total		72210	100.0		

<b>NoCovOverdue_1920 Children who were not covered by health insurance because of cancellation due to overdue premium</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Gap related to overdue premium	155	.2	3.6	3.6
	2.00 Gap not related to overdue premium	4141	5.7	96.4	100.0
	Total	4296	5.9	100.0	
Missing	95.00 Insured continuously all year	67096	92.9		
	99.00 Missing	818	1.1		
	Total	67914	94.1		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>NoCovUnafford_1920 Dropped health insurance coverage because it was unaffordable</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Gap related to unaffordability	850	1.2	19.8	19.8
	2.00 Gap not related to unaffordability	3446	4.8	80.2	100.0
	Total	4296	5.9	100.0	
Missing	95.00 Insured continuously all year	67096	92.9		
	99.00 Missing	818	1.1		
	Total	67914	94.1		
Total		72210	100.0		

<b>NoCovBenInadeq_1920 Dropped health insurance coverage because benefits were inadequate</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Gap related to inadequacy of coverage	268	.4	6.2	6.2
	2.00 Gap not due to inadequacy of coverage	4028	5.6	93.8	100.0
	Total	4296	5.9	100.0	
Missing	95.00 Insured continuously all year	67096	92.9		
	99.00 Missing	818	1.1		
	Total	67914	94.1		
Total		72210	100.0		

<b>NoCovProvInadeq_1920 Dropped health insurance coverage because choice of health care provider was inadequate</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Gap related to inadequacy of provider options	169	.2	3.9	3.9
	2.00 Gap not related to provider options	4127	5.7	96.1	100.0
	Total	4296	5.9	100.0	
Missing	95.00 Insured continuously all year	67096	92.9		
	99.00 Missing	818	1.1		
	Total	67914	94.1		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>NoCovRenew_1920 Child was not covered by insurance due to problems with application or renewal process</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Gap related to renewal or application process	835	1.2	19.4	19.4
	2.00 Gap not related to renewal or application process	3461	4.8	80.6	100.0
	Total	4296	5.9	100.0	
Missing	95.00 Insured continuously all year	67096	92.9		
	99.00 Missing	818	1.1		
	Total	67914	94.1		
Total		72210	100.0		

<b>instype_1920 Indicator 3.3: Type of health insurance at time of the survey</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Public health insurance only	14802	20.5	20.8	20.8
	2 Private health insurance only	50003	69.2	70.3	91.1
	3 Public and private insurance	2819	3.9	4.0	95.1
	4 Uninsured	3490	4.8	4.9	100.0
	Total	71114	98.5	100.0	
Missing	99 Missing	1096	1.5		
Total		72210	100.0		

<b>InsAdeq_1920 Indicator 3.4: Adequacy of current insurance coverage</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Current insurance is adequate	48384	67.0	70.9	70.9
	2 Current insurance is not adequate	19896	27.6	29.1	100.0
	Total	68280	94.6	100.0	
Missing	95 Uninsured	3490	4.8		
	99 Missing to all questions	440	.6		
	Total	3930	5.4		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

benefits_1920 Current insurance benefits meets child's health needs					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	43836	60.7	64.4	64.4
	2 Usually	19763	27.4	29.0	93.5
	3 Sometimes or never	4445	6.2	6.5	100.0
	Total	68044	94.2	100.0	
Missing	95 Uninsured	3490	4.8		
	99 Missing	676	.9		
	Total	4166	5.8		
Total		72210	100.0		

allows_1920 Current insurance coverage allows child to see needed providers					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	51878	71.8	76.3	76.3
	2 Usually	13527	18.7	19.9	96.2
	3 Sometimes or never	2610	3.6	3.8	100.0
	Total	68015	94.2	100.0	
Missing	95 Uninsured	3490	4.8		
	99 Missing	705	1.0		
	Total	4195	5.8		
Total		72210	100.0		

expense_1920 Current insurance out-of-pocket costs are reasonable					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No out of pocket expenses	16318	22.6	24.1	24.1
	1 Always	11638	16.1	17.2	41.3
	2 Usually	21473	29.7	31.7	73.1
	3 Sometimes or never	18225	25.2	26.9	100.0
	Total	67654	93.7	100.0	
Missing	95 Uninsured	3490	4.8		
	99 Missing	1066	1.5		
	Total	4556	6.3		
Total		72210	100.0		

insurance_1920 Indicator 3.4a: Adequate and continuous insurance					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Current insurance is adequate and continuously insured in past year	47844	66.3	66.5	66.5
	2 Current insurance is inadequate and/or had gap in insurance coverage in past year	24085	33.4	33.5	100.0
	Total	71929	99.6	100.0	
Missing	99 Missing to both	281	.4		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>InsMentH_1920 Indicator 3.5: Adequacy of insurance coverage for mental/behavioral health care, age 3-17 years who are insured and received mental health care</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	12169	16.9	56.0	56.0
	2 Usually	5765	8.0	26.5	82.6
	3 Sometimes or never	3780	5.2	17.4	100.0
	Total	21714	30.1	100.0	
Missing	95 Children age 0-2 years	8846	12.3		
	96 Did not receive mental health services/Uninsured at time of the survey	40986	56.8		
	99 Missing	664	.9		
	Total	50496	69.9		
Total		72210	100.0		

<b>OutOfPckt_1920 Indicator 3.6: Out-of-pocket costs for child's health care including medical, dental and vision care during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No medical or health care expenses or less than \$250	37141	51.4	52.1	52.1
	2 \$250 - \$499	12025	16.7	16.9	68.9
	3 \$500 - \$999	9183	12.7	12.9	81.8
	4 \$1000 - \$5000	10910	15.1	15.3	97.1
	5 More than \$5000	2089	2.9	2.9	100.0
	Total	71348	98.8	100.0	
Missing	99 Missing	862	1.2		
Total		72210	100.0		

## **Health Care Access and Quality**

**MedCare\_1920 Indicator 4.1: Children who received any type of medical care during the past 12 months**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	62388	86.4	86.5	86.5
	2 No	9719	13.5	13.5	100.0
	Total	72107	99.9	100.0	
Missing	99 Missing	103	.1		
Total		72210	100.0		

**PrevMed\_1920 Indicator 4.1a: Children who had one or more preventive medical care visits during past 12 months**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 One or more	59400	82.3	82.6	82.6
	2 None	12475	17.3	17.4	100.0
	Total	71875	99.5	100.0	
Missing	99 Missing	335	.5		
Total		72210	100.0		

**VisitTime\_1920 Indicator 4.1b: Time with doctor during last preventive check-up**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Less than 10 minutes	10315	14.3	17.4	17.4
	2.00 10-20 minutes	38058	52.7	64.2	81.6
	3.00 More than 20 minutes	10925	15.1	18.4	100.0
	Total	59298	82.1	100.0	
Missing	95.00 No preventive care visits during last 12 months	12475	17.3		
	99.00 Missing	437	.6		
	Total	12912	17.9		
Total		72210	100.0		

**PrivateTalk\_1920 Indicator 4.1c: Children whose doctors spoke with them privately without an adult in the room during last medical care visit, age 12-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	14066	19.5	57.6	57.6
	2 No	10347	14.3	42.4	100.0
	Total	24413	33.8	100.0	
Missing	90 Children age 0-11 years	42441	58.8		
	95 Children who did not have medical care visit in the past 12 months	5034	7.0		
	99 Missing	322	.4		
	Total	47797	66.2		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>DentCare_1920 Indicator 4.2: Children who received any type of dental care during the past 12 months, age 1-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Saw a dentist	57276	79.3	82.2	82.2
	2 Saw other oral health care provider	1527	2.1	2.2	84.4
	3 No dental or oral health care visits	10896	15.1	15.6	100.0
	Total	69699	96.5	100.0	
Missing	95 Children less than 1 year old	2330	3.2		
	99 Missing	181	.3		
	Total	2511	3.5		
Total		72210	100.0		

<b>PrevDent_1920 Indicator 4.2a: Children who had one or more preventive dental care visits during the past 12 months, age 1-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 One or more	56857	78.7	81.8	81.8
	2 None	12650	17.5	18.2	100.0
	Total	69507	96.3	100.0	
Missing	95 Children less than 1 year old	2330	3.2		
	99 Missing	373	.5		
	Total	2703	3.7		
Total		72210	100.0		

<b>DentCheck_1920 Children who had dental check up visits during the past 12 months, age 1-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Received dental check-up	53130	73.6	76.8	76.8
	2.00 Received preventive dental care, but not dental check-up	3400	4.7	4.9	81.7
	3.00 Did not receive preventive dental care	12650	17.5	18.3	100.0
	Total	69180	95.8	100.0	
Missing	95.00 Children age 0-1 year	2330	3.2		
	99.00 Missing/Don't know	700	1.0		
	Total	3030	4.2		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>sealant_1920 Children who had sealant during the past 12 months, age 1-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Had dental sealant	11532	16.0	16.7	16.7
	2.00 Received preventive dental care, but not dental sealant	44978	62.3	65.0	81.7
	3.00 Did not receive preventive dental care	12650	17.5	18.3	100.0
	Total	69160	95.8	100.0	
Missing	95.00 Children age 0-1 year	2330	3.2		
	99.00 Missing/Don't know	720	1.0		
	Total	3050	4.2		
Total		72210	100.0		

<b>DentCleaning_1920 Children who had dental cleaning during the past 12 months, age 1-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Had dental cleaning	52461	72.7	75.8	75.8
	2.00 Received preventive dental care, but not dental cleaning	4069	5.6	5.9	81.7
	3.00 Did not receive preventive dental care	12650	17.5	18.3	100.0
	Total	69180	95.8	100.0	
Missing	95.00 Children age 0-1 year	2330	3.2		
	99.00 Missing/Don't know	700	1.0		
	Total	3030	4.2		
Total		72210	100.0		

<b>DentInstruct_1920 Children who had dental instruction during the past 12 months, age 1-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Received instruction on oral health care	31958	44.3	46.2	46.2
	2.00 Received preventive dental care, but not instruction on oral health care	24558	34.0	35.5	81.7
	3.00 Did not receive preventive dental care	12650	17.5	18.3	100.0
	Total	69166	95.8	100.0	
Missing	95.00 Children age 0-1 year	2330	3.2		
	99.00 Missing/Don't know	714	1.0		
	Total	3044	4.2		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

DentXray_1920 Children who had dental X-ray during the past 12 months, age 1-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Had dental X-ray	33434	46.3	48.3	48.3
	2.00 Received preventive dental care, but not X-ray	23082	32.0	33.4	81.7
	3.00 Did not receive preventive dental care	12650	17.5	18.3	100.0
	Total	69166	95.8	100.0	
Missing	95.00 Children age 0-1 year	2330	3.2		
	99.00 Missing/Don't know	714	1.0		
	Total	3044	4.2		
Total		72210	100.0		

fluoride_1920 Children who had fluoride treatment during the past 12 months, age 1-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Received fluoride treatment	35169	48.7	50.8	50.8
	2.00 Received preventive dental care, but not fluoride treatment	21349	29.6	30.9	81.7
	3.00 Did not receive preventive dental care	12650	17.5	18.3	100.0
	Total	69168	95.8	100.0	
Missing	95.00 Children age 0-1 year	2330	3.2		
	99.00 Missing/Don't know	712	1.0		
	Total	3042	4.2		
Total		72210	100.0		

MedDentCare_1920 Indicator 4.3: Children received both preventive medical and dental care visits in past 12 months					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received preventive medical and dental care	49929	69.1	69.8	69.8
	2 Did not receive preventive medical and dental care	21642	30.0	30.2	100.0
	Total	71571	99.1	100.0	
Missing	99 Missing to any	639	.9		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>MentHCare_1920 Indicator 4.4: Children who received needed treatment or counseling from a mental health professional during the past 12 months, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes, received mental health care	8137	11.3	12.9	12.9
	2 No, but needed to see a mental health professional	1529	2.1	2.4	15.3
	3 No, and did not need to see a mental health professional	53409	74.0	84.7	100.0
	Total	63075	87.3	100.0	
Missing	95 Children age 0-2 years	8846	12.3		
	99 Missing	289	.4		
	Total	9135	12.7		
Total		72210	100.0		

<b>MentHDiff_1920 Indicator 4.4a: Difficulties obtaining mental health care among those who received or needed care during the past 12 months, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received or needed mental health care and did not have difficulty getting it	5413	7.5	57.0	57.0
	2 Received or needed mental health care but it was somewhat difficult to get it	2610	3.6	27.5	84.4
	3 Received or needed mental health care but it was very difficult to get it	1176	1.6	12.4	96.8
	4 It was not possible to obtain care	303	.4	3.2	100.0
	Total	9502	13.2	100.0	
Missing	95 Did not need to see a mental health professional	53409	74.0		
	96 Children age 0-2 years	8846	12.3		
	99 Missing	453	.6		
	Total	62708	86.8		
Total		72210	100.0		

<b>SpecCare_1920 Indicator 4.5: Received care from a specialist doctor other than a mental health professional during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received care from a specialist	11500	15.9	16.0	16.0
	2 No, but needed to see a specialist	1027	1.4	1.4	17.5
	3 No, did not need to see a specialist	59196	82.0	82.5	100.0
	Total	71723	99.3	100.0	
Missing	99 Missing	487	.7		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>SpCareDiff_1920 Indicator 4.5a: Difficulties obtaining specialist care among those who received or needed a specialist care during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received or needed specialist care and did have difficulty getting it	9489	13.1	77.1	77.1
	2 Received or needed specialist care but it was somewhat difficult to get it	2106	2.9	17.1	94.2
	3 Received or needed specialist care but it was very difficult to get it	561	.8	4.6	98.7
	4 It was not possible to get needed specialist care	157	.2	1.3	100.0
	Total	12313	17.1	100.0	
Missing	95 Did not need care from a specialist	59196	82.0		
	99 Missing	701	1.0		
	Total	59897	82.9		
Total		72210	100.0		

<b>VisnTest_1920 Indicator 4.6: Children who received vision screening during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	46890	64.9	65.1	65.1
	2 No	25123	34.8	34.9	100.0
	Total	72013	99.7	100.0	
Missing	99 Missing	197	.3		
Total		72210	100.0		

<b>EyeDoctor_1920 Vision was tested at eye doctor or eye specialist office</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received vision screening at eye specialist	25916	35.9	36.1	36.1
	2 Received vision screening, but not at eye specialist	20799	28.8	29.0	65.0
	3 Did not receive vision screening	25123	34.8	35.0	100.0
	Total	71838	99.5	100.0	
	99 Missing	372	.5		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>EyePedOffice_1920 Vision was tested at pediatrician or other general doctor's office</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received vision screening at pediatrician or general doctor	19530	27.0	27.2	27.2
	2 Received vision screening, but not at pediatrician or general doctor	27185	37.6	37.8	65.0
	3 Did not receive vision screening	25123	34.8	35.0	100.0
	Total	71838	99.5	100.0	
Missing	99 Missing	372	.5		
Total		72210	100.0		

<b>EyeClinic_1920 Vision was tested at clinic or health center</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received vision screening at clinic	1581	2.2	2.2	2.2
	2 Received vision screening, but not at clinic	45134	62.5	62.8	65.0
	3 Did not receive vision screening	25123	34.8	35.0	100.0
	Total	71838	99.5	100.0	
Missing	99 Missing	372	.5		
Total		72210	100.0		

<b>EyeSchool_1920 Vision was tested at school</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received vision screening at school	8657	12.0	12.1	12.1
	2 Received vision screening, but not at school	38058	52.7	53.0	65.0
	3 Did not receive vision screening	25123	34.8	35.0	100.0
	Total	71838	99.5	100.0	
Missing	99 Missing	372	.5		
Total		72210	100.0		

<b>ERVisit_1920 Indicator 4.7: Number of hospital emergency room visits for any health reason in the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never	60891	84.3	84.7	84.7
	2 1 time	8847	12.3	12.3	97.0
	3 2 or more times	2192	3.0	3.0	100.0
	Total	71930	99.6	100.0	
Missing	99 Missing	280	.4		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

<b>HospitalStay_1920 Indicator 4.7a: Children who were admitted to the hospital to stay at least one night</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	2305	3.2	3.2	3.2
	2.00 No	69660	96.5	96.8	100.0
	Total	71965	99.7	100.0	
Missing	99.00 Missing	245	.3		
Total		72210	100.0		

  

<b>AlterHC_1920 Indicator 4.8: Use of alternative health care or treatment during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	5908	8.2	8.3	8.3
	2 No	65615	90.9	91.7	100.0
	Total	71523	99.0	100.0	
Missing	99 Missing	687	1.0		
Total		72210	100.0		

  

<b>DrAskConc_1920 Indicator 4.9: Doctor asked about parental concerns about the child's learning, development, or behavior, age 0-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	6766	9.4	34.8	34.8
	2.00 No	12699	17.6	65.2	100.0
	Total	19465	27.0	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Did not use any of 4 services	819	1.1		
	99.00 Missing	31	.0		
	Total	52745	73.0		
Total		72210	100.0		

  

<b>DevScrnng_1920 Indicator 4.10: Children who received a developmental screening using a parent-completed screening tool, age 9-35 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Parent completed developmental screening	2818	3.9	40.0	40.0
	2.00 Parent did not complete developmental screening	4227	5.9	60.0	100.0
	Total	7045	9.8	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-8 months or 3-5 years	13184	18.3		
	99.00 Missing	86	.1		
	Total	65165	90.2		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

**SpecServ\_1920 Indicator 4.11: Children currently receive special services to meet child's developmental needs such as speech, occupational or behavioral therapy**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	5602	7.8	7.9	7.9
	2 No	65759	91.1	92.1	100.0
	Total	71361	98.8	100.0	
Missing	99 Missing	849	1.2		
Total		72210	100.0		

**SpSerAge\_1920 Indicator 4.11a: Age start receiving special services to meet child's developmental needs such as speech, occupational or behavioral therapy**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 At age less than 3 years old	3293	4.6	27.2	27.2
	2 At age 3-5 years old	5155	7.1	42.6	69.8
	3 At age 6-17 years old	3653	5.1	30.2	100.0
	Total	12101	16.8	100.0	
Missing	0 Never received the services	59142	81.9		
	99 Missing	967	1.3		
	Total	60109	83.2		
Total		72210	100.0		

**MedHome\_1920 Indicator 4.12: Children receiving coordinated, ongoing, comprehensive care within a medical home**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Care meets medical home criteria	38216	52.9	53.0	53.0
	2.00 Care does not meet medical home criteria	33916	47.0	47.0	100.0
	Total	72132	99.9	100.0	
Missing	99.00 Missing to all	78	.1		
Total		72210	100.0		

**PerDrNs\_1920 Indicator 4.12a: Medical Home Component: Children with a personal doctor or nurse**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Have at least one personal doctor or nurse	54883	76.0	76.4	76.4
	2 Do not have a personal doctor or nurse	16965	23.5	23.6	100.0
	Total	71848	99.5	100.0	
Missing	99 Missing	362	.5		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>UsualSck_1920 Indicator 4.12b: Medical Home Component: Usual source for sick care</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 One or more	58244	80.7	81.6	81.6
	2.00 None	13156	18.2	18.4	100.0
	Total	71400	98.9	100.0	
Missing	99.00 Missing	810	1.1		
Total		72210	100.0		

<b>FamCent_1920 Indicator 4.12c: Medical Home Component: Children who received family-centered care</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	54699	75.7	88.7	88.7
	2.00 No	6936	9.6	11.3	100.0
	Total	61635	85.4	100.0	
Missing	.00 Did not have health care visit in the past 12 months	9719	13.5		
	99.00 Missing to all	856	1.2		
	Total	10575	14.6		
Total		72210	100.0		

<b>time_1920 Doctors spent enough time with children</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	40377	55.9	65.6	65.6
	2.00 Usually	16654	23.1	27.0	92.6
	3.00 Sometimes or never	4540	6.3	7.4	100.0
	Total	61571	85.3	100.0	
Missing	.00 Did not have a health care visit in the past 12 months	9719	13.5		
	99.00 Missing	920	1.3		
	Total	10639	14.7		
Total		72210	100.0		

<b>listen_1920 Doctors listened carefully to children's parents</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	45276	62.7	73.7	73.7
	2.00 Usually	13640	18.9	22.2	95.8
	3.00 Sometimes or never	2556	3.5	4.2	100.0
	Total	61472	85.1	100.0	
Missing	.00 Did not have a health care visit in the past 12 months	9719	13.5		
	99.00 Missing	1019	1.4		
	Total	10738	14.9		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

sensitiv_1920 Doctors showed sensitivity to children's family's values and customs					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	46883	64.9	76.3	76.3
	2.00 Usually	11958	16.6	19.5	95.8
	3.00 Sometimes or never	2610	3.6	4.2	100.0
	Total	61451	85.1	100.0	
Missing	.00 Did not have a health care visit in the past 12 months	9719	13.5		
	99.00 Missing	1040	1.4		
	Total	10759	14.9		
	Total	72210	100.0		

info_1920 Doctors provided information specific to parents' concerns					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	46217	64.0	75.2	75.2
	2.00 Usually	12722	17.6	20.7	96.0
	3.00 Sometimes or never	2487	3.4	4.0	100.0
	Total	61426	85.1	100.0	
Missing	.00 Did not have a health care visit in the past 12 months	9719	13.5		
	99.00 Missing	1065	1.5		
	Total	10784	14.9		
	Total	72210	100.0		

partner_1920 Doctors helped parents to feel like partners in child's care					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	46489	64.4	75.6	75.6
	2.00 Usually	12059	16.7	19.6	95.2
	3.00 Sometimes or never	2983	4.1	4.8	100.0
	Total	61531	85.2	100.0	
Missing	.00 Did not have a health care visit in the past 12 months	9719	13.5		
	99.00 Missing	960	1.3		
	Total	10679	14.8		
	Total	72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>NoRefPrb_1920 Indicator 4.12d: Medical Home Component: Difficulties getting referrals to see any doctors or receive any services</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00 Did not need referrals during the past 12 months	58807	81.4	81.9	81.9
	1.00 Did not have difficulty getting referral, when needed	10714	14.8	14.9	96.8
	2.00 Somewhat difficult to get referrals, when needed	1782	2.5	2.5	99.3
	3.00 Very difficult to get referrals, when needed	420	.6	.6	99.9
	4.00 It was not possible to get a referral, when needed	76	.1	.1	100.0
	Total	71799	99.4	100.0	
Missing	99.00 Missing	411	.6		
Total		72210	100.0		

<b>CareCoor_1920 Indicator 4.12e: Medical Home Component: Effective care coordination, all children</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00 Did not need care coordination	35126	48.6	49.1	49.1
	1.00 Received needed care coordination	25483	35.3	35.6	84.7
	2.00 Did not receive needed care coordination	10919	15.1	15.3	100.0
	Total	71528	99.1	100.0	
Missing	99.00 Missing to all	682	.9		
Total		72210	100.0		

<b>HelpCoord_1920 Family got help with coordinating child's health care in the past 12 months, among those who needed</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	9309	12.9	26.5	26.5
	2 No	25878	35.8	73.5	100.0
	Total	35187	48.7	100.0	
Missing	95 Did not see more than one health care provider in past 12 months	36071	50.0		
	99 Missing	952	1.3		
	Total	37023	51.3		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>ExtraHelp_1920 Family needed extra help to coordinate child's health care</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	3121	4.3	8.9	8.9
	2 No	31780	44.0	91.1	100.0
	Total	34901	48.3	100.0	
Missing	95 Did not see more than one health care provider in past 12 months	36071	50.0		
	99 Missing	1238	1.7		
	Total	37309	51.7		
Total		72210	100.0		

<b>AllExtraHelp_1920 Children whose family got help with care coordination they wanted</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Usually got help that was needed	746	1.0	24.5	24.5
	2 Sometimes got help that was needed	1509	2.1	49.5	74.0
	3 Never got help that was needed	793	1.1	26.0	100.0
	Total	3048	4.2	100.0	
Missing	95 Did not see more than one health care provider/did not need extra help	67851	94.0		
	99 Missing	1311	1.8		
	Total	69162	95.8		
Total		72210	100.0		

<b>DrCommR_1920 Satisfaction with communication among child's doctor and other health care providers</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Very satisfied	24784	34.3	71.0	71.0
	2.00 Somewhat satisfied	8555	11.8	24.5	95.5
	3.00 Somewhat dissatisfied or very dissatisfied	1569	2.2	4.5	100.0
	Total	34908	48.3	100.0	
Missing	.00 Did not see more than one health care provider	36071	50.0		
	99.00 Missing	1231	1.7		
	Total	37302	51.7		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>OtherComm_1920 Health care provider communicate with child's school, child care provider, or special education program</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Doctors communicate with child's school, etc	6505	9.0	10.5	10.5
	2 Doctors did not communicate with school etc. or No communication needed	55188	76.4	89.5	100.0
	Total	61693	85.4	100.0	
Missing	95 Did not have any health care visit in past 12 months	9719	13.5		
	99 Missing	798	1.1		
	Total	10517	14.6		
Total		72210	100.0		

<b>SatOthComm_1920 Satisfaction with communication among child's doctors and school, child care provider, or special education program</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very satisfied	4939	6.8	76.6	76.6
	2 Less than very satisfied	1507	2.1	23.4	100.0
	Total	6446	8.9	100.0	
Missing	95 Did not have any health care visit in past 12 months	9719	13.5		
	96 Doctors did not communicate with child's school, etc. or No communication needed	55188	76.4		
	99 Missing	857	1.2		
	Total	65764	91.1		
	Total	72210	100.0		

<b>ShareDec_1920 Indicator 4.14: Children whose families are partners in shared decision-making for their optimal health</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No decisions needed/Did not have a health care visit during the past 12 months	51865	71.8	72.6	72.6
	1 Families usually or always feel that they are partners in decision making	17076	23.6	23.9	96.5
	2 Families never/sometimes feel that they are partners in decision making	2482	3.4	3.5	100.0
	Total	71423	98.9	100.0	
	99 Missing	787	1.1		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>DiscussOpt_1920 Doctors discussed range of health care/treatment options</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No decisions needed	42146	58.4	68.4	68.4
	1 Always	13565	18.8	22.0	90.4
	2 Usually	4357	6.0	7.1	97.4
	3 Never/Sometimes	1593	2.2	2.6	100.0
	Total	61661	85.4	100.0	
Missing	95 Did not have a health care visit	9719	13.5		
	99 Missing	830	1.1		
	Total	10549	14.6		
Total		72210	100.0		

<b>RaiseConc_1920 Doctors made it easy for parents to raise concerns or disagree with recommendations</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No decisions needed	42146	58.4	68.4	68.4
	1 Always	13547	18.8	22.0	90.3
	2 Usually	4238	5.9	6.9	97.2
	3 Never/Sometimes	1715	2.4	2.8	100.0
	Total	61646	85.4	100.0	
Missing	95 Did not have a health care visit	9719	13.5		
	99 Missing	845	1.2		
	Total	10564	14.6		
Total		72210	100.0		

<b>BestChoice_1920 Doctors worked with parents to decide together health care/treatment options</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No decisions needed	42146	58.4	68.3	68.3
	1 Always	14072	19.5	22.8	91.2
	2 Usually	4065	5.6	6.6	97.8
	3 Never/Sometimes	1387	1.9	2.2	100.0
	Total	61670	85.4	100.0	
Missing	95 Did not have a health care visit	9719	13.5		
	99 Missing	821	1.1		
	Total	10540	14.6		
Total		72210	100.0		

<b>Transition_1920 Indicator 4.15: Youth received necessary services for transition to adulthood, age 12-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	6706	9.3	22.6	22.6
	2 No	22916	31.7	77.4	100.0
	Total	29622	41.0	100.0	
Missing	90 Children age 0-11 years	42441	58.8		
	99 Missing to all	147	.2		
	Total	42588	59.0		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>TimeAlone_1920 Children who had time alone with health care provider at last medical care visit, age 12-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	14066	19.5	47.8	47.8
	2 No or did not have medical care visit in the past 12 months	15381	21.3	52.2	100.0
	Total	29447	40.8	100.0	
Missing	90 Children age 0-11 years	42441	58.8		
	99 Missing	322	.4		
	Total	42763	59.2		
Total		72210	100.0		

<b>ActiveWork_1920 Provider worked with child to gain skills to manage health/health care or understand health care changes at age 18, age 12-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	18120	25.1	69.7	69.7
	2 No	7881	10.9	30.3	100.0
	Total	26001	36.0	100.0	
Missing	90 Children age 0-11 years	42441	58.8		
	99 Missing/Don't know	3768	5.2		
	Total	46209	64.0		
Total		72210	100.0		

<b>GainSkill_1920 Doctor or health care provider actively worked with the child to gain skills to manage his/her health and health care, age 12-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	17292	23.9	59.1	59.1
	2.00 No	7174	9.9	24.5	83.6
	3.00 Don't know	4789	6.6	16.4	100.0
	Total	29255	40.5	100.0	
Missing	90.00 Children 0-11 years of age	42441	58.8		
	99.00 Missing	514	.7		
	Total	42955	59.5		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

ChngeAge_1920 Doctors worked with youth age 12-17 years to understand their health care changes that happen at age 18					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	9737	13.5	33.3	33.3
	2.00 No	12840	17.8	43.9	77.2
	3.00 Don't Know	6683	9.3	22.8	100.0
	Total	29260	40.5		
Missing	90.00 Children age 0-11 years	42441	58.8		
	99.00 Missing	509	.7		
	Total	42950	59.5		
Total		72210	100.0		

TrtAdult_1920 Provider discussed shift to adult health care providers if needed, age 12-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	4340	6.0	14.9	14.9
	2 No	13001	18.0	44.7	59.7
	95 Discussion not needed or sees provider who can transition	11718	16.2	40.3	100.0
	Total	29059	40.2	100.0	
Missing	90 Children age 0-11 years	42441	58.8		
	99 Missing	710	1.0		
	Total	43151	59.8		
Total		72210	100.0		

PosChoice_1920 Doctor or health care provider actively worked with the child to make positive choices about his/her health, age 12-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	20769	28.8	70.8	70.8
	2.00 No	5301	7.3	18.1	88.9
	3.00 Don't know	3258	4.5	11.1	100.0
	Total	29328	40.6	100.0	
Missing	90.00 Children 0-11 years of age	42441	58.8		
	99.00 Missing	441	.6		
	Total	42882	59.4		
Total		72210	100.0		

MedHistory_1920 Youth received a summary of his/her medical history, age 12-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	22126	30.6	75.4	75.4
	2.00 No	7226	10.0	24.6	100.0
	Total	29352	40.6	100.0	
Missing	90.00 Children age 0-11 years	42441	58.8		
	99.00 Missing	417	.6		
	Total	42858	59.4		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>PlanCare_1920 Youth currently has a plan of care to meet his/her health goals and needs, age 12-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	8189	11.3	27.9	27.9
	2.00 No	21113	29.2	72.1	100.0
	Total	29302	40.6		
Missing	90.00 Children age 0-11 years	42441	58.8		
	99.00 Missing	467	.6		
	Total	42908	59.4		
Total		72210	100.0		

<b>PlanAccess_1920 Youth has access to the plan of care, age 12-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	7664	10.6	94.8	94.8
	2.00 No	424	.6	5.2	100.0
	Total	8088	11.2	100.0	
Missing	90.00 Children age 0-11 years	42441	58.8		
	95.00 Does not have a plan of care or no valid response to WRITEPLAN	21113	29.2		
	99.00 Missing	568	.8		
	Total	64122	88.8		
	Total	72210	100.0		

<b>PlanNeeds_1920 The plan of care addresses transition to adult health care provider, age 12-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	2565	3.6	31.7	31.7
	2.00 No	3843	5.3	47.5	79.2
	3.00 No, this child already sees providers who treat adults	1686	2.3	20.8	100.0
	Total	8094	11.2	100.0	
Missing	90.00 Children age 0-11 years	42441	58.8		
	95.00 Does not have a plan of care or no valid response to WRITEPLAN	21113	29.2		
	99.00 Missing	562	.8		
	Total	64116	88.8		
	Total	72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

InsNeeds_1920 Youth whose caregiver have had someone discuss how to obtain or keep health insurance coverage into adulthood, age 12-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Know how child will be insured or have discussed	17836	24.7	61.2	61.2
	2.00 Do not know and have not discussed	11330	15.7	38.8	100.0
	Total	29166	40.4	100.0	
Missing	90.00 Children 0-11 years of age	42441	58.8		
	99.00 Missing	603	.8		
	Total	43044	59.6		
Total		72210	100.0		

SystCare2_1920 Indicator 4.17: Children received care in a well-functioning system					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	14435	20.0	20.0	20.0
	2.00 No	57741	80.0	80.0	100.0
	Total	72176	100.0	100.0	
Missing	99.00 Missing	34	.0		
Total		72210	100.0		

sys0to11care2_1920 Children received care in a well-functioning system, age 0-11 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	12006	16.6	28.3	28.3
	2.00 No	30416	42.1	71.7	100.0
	Total	42422	58.7	100.0	
Missing	95.00 Children age 12-17 years	29769	41.2		
	99.00 Missing	19	.0		
	Total	29788	41.3		
Total		72210	100.0		

sys12to17care2_1920 Children received care in a well-functioning system, age 12-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	2429	3.4	8.2	8.2
	2.00 No	27325	37.8	91.8	100.0
	Total	29754	41.2	100.0	
Missing	95.00 Children age 0-11 years	42441	58.8		
	99.00 Missing	15	.0		
	Total	42456	58.8		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

<b>ForgoneCare_1920 Indicator 4.18: Children who were not able to receive needed health care in the past year</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Did not receive needed health care	2255	3.1	3.1	3.1
	2.00 Received needed health care (or did not need health care)	69704	96.5	96.9	100.0
	Total	71959	99.7	100.0	
Missing	99.00 Missing	251	.3		
Total		72210	100.0		

<b>ForgoneMed_1920 Children who were not able to receive needed medical care during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Did not receive needed medical care	662	.9	.9	.9
	2 Received needed medical care (or did not need medical care)	71274	98.7	99.1	100.0
	Total	71936	99.6	100.0	
Missing	99 Missing	274	.4		
Total		72210	100.0		

<b>ForgoneDent_1920 Children who were not able to receive needed dental care during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Did not receive needed dental care	1105	1.5	1.6	1.6
	2 Received needed dental care (or did not need dental care)	68505	94.9	98.4	100.0
	Total	69610	96.4	100.0	
Missing	95 Children age less than 1 year old	2330	3.2		
	99 Missing	270	.4		
	Total	2600	3.6		
Total		72210	100.0		

<b>ForgoneVis_1920 Children who were not able to receive needed vision care during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Did not receive needed vision care	406	.6	.6	.6
	2 Received needed vision care (or did not need vision care)	71530	99.1	99.4	100.0
	Total	71936	99.6	100.0	
Missing	99 Missing	274	.4		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>ForgoneHear_1920 Children who were not able to receive needed hearing care during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Did not receive needed hearing care	110	.2	.2	.2
	2 Received needed hearing care (or did not need hearing care)	71826	99.5	99.8	100.0
	Total	71936	99.6	100.0	
Missing	99 Missing	274	.4		
Total		72210	100.0		

<b>ForgoneMH_1920 Children who were not able to receive needed mental health services during the past 12 months, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Did not receive needed mental health care	737	1.0	1.2	1.2
	2 Received needed mental health care (or did not need mental health care)	62376	86.4	98.8	100.0
	Total	63113	87.4	100.0	
Missing	95 Children age 0-2 years	8846	12.3		
	99 Missing	251	.3		
	Total	9097	12.6		
Total		72210	100.0		

<b>ineligible_1920 Children who were not able to receive needed health care because child was not eligible</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Experienced this difficulty	518	.7	23.2	23.2
	2.00 Did not experience this difficulty	1716	2.4	76.8	100.0
	Total	2234	3.1	100.0	
Missing	95.00 Received needed health care (or did not need health care)	69704	96.5		
	99.00 Missing	272	.4		
	Total	69976	96.9		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>unavailable_1920 Children who were not able to receive needed health care because the service this child needed was not available in their area</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Experienced this difficulty	602	.8	26.9	26.9
	2.00 Did not experience this difficulty	1632	2.3	73.1	100.0
	Total	2234	3.1	100.0	
Missing	95.00 Received needed health care (or did not need health care)	69704	96.5		
	99.00 Missing	272	.4		
	Total	69976	96.9		
Total		72210	100.0		

<b>appointment_1920 Children who were not able to receive needed health care because there were problems getting an appointment</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Experienced this difficulty	1129	1.6	50.5	50.5
	2.00 Did not experience this difficulty	1105	1.5	49.5	100.0
	Total	2234	3.1	100.0	
Missing	95.00 Received needed health care (or did not need health care)	69704	96.5		
	99.00 Missing	272	.4		
	Total	69976	96.9		
Total		72210	100.0		

<b>transport_1920 Children who were not able to receive needed health care because there were problems with getting transportation or child care</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Experienced this difficulty	230	.3	10.3	10.3
	2.00 Did not experience this difficulty	2004	2.8	89.7	100.0
	Total	2234	3.1	100.0	
Missing	95.00 Received needed health care (or did not need health care)	69704	96.5		
	99.00 Missing	272	.4		
	Total	69976	96.9		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>NotOpen_1920 Children who were not able to receive needed health care because the office was not open when the child needed care</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Experienced this difficulty	596	.8	26.7	26.7
	2.00 Did not experience this difficulty	1638	2.3	73.3	100.0
	Total	2234	3.1	100.0	
Missing	95.00 Received needed health care (or did not need health care)	69704	96.5		
	99.00 Missing	272	.4		
	Total	69976	96.9		
Total		72210	100.0		

<b>CostIssue_1920 Children who were not able to receive needed health care due to cost</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Experienced this difficulty	1118	1.5	50.0	50.0
	2.00 Did not experience this difficulty	1116	1.5	50.0	100.0
	Total	2234	3.1	100.0	
Missing	95.00 Received needed health care (or did not need health care)	69704	96.5		
	99.00 Missing	272	.4		
	Total	69976	96.9		
Total		72210	100.0		

<b>MedBills_1920 Indicator 4.19: Family had problems paying for child's medical or health care bills during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No medical or health-related expenses	17786	24.6	25.0	25.0
	1 Had problems paying medical bills	7219	10.0	10.1	35.1
	2 Did not have problems paying medical bills	46214	64.0	64.9	100.0
	Total	71219	98.6	100.0	
Missing	99 Missing	991	1.4		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

**frustrated\_1920 Indicator 4.20: Family often frustrated in efforts to get services for their children during the past 12 months**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never frustrated	59453	82.3	82.8	82.8
	2 Sometimes frustrated	10664	14.8	14.8	97.6
	3 Always or usually frustrated	1703	2.4	2.4	100.0
	Total	71820	99.5	100.0	
Missing	99 Missing	390	.5		
	Total	72210	100.0		

## Community and School Activities

<b>SpEducPln_1920 Indicator 5.1: Children currently receive a special education or early intervention plan, age 1-17 years</b>		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	7072	9.8	10.2	10.2
	2 No	62422	86.4	89.8	100.0
	Total	69494	96.2	100.0	
Missing	95 Children under 1 year old	2330	3.2		
	99 Missing	386	.5		
	Total	2716	3.8		
Total		72210	100.0		

<b>SpEdAge_1920 Indicator 5.1a: Age started special education or early intervention plan, age 1-17 years</b>		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 At age less than 3 years old	1833	2.5	17.3	17.3
	2 At age 3-5 years old	3871	5.4	36.5	53.7
	3 At age 6-17 years old	4911	6.8	46.3	100.0
	Total	10615	14.7	100.0	
Missing	0 Never received the services	58745	81.4		
	95 Children less than 1 year old	2330	3.2		
	99 Missing	520	.7		
	Total	61595	85.3		
Total		72210	100.0		

<b>SchlEngage_1920 Indicator 5.2: School engagement, age 6-17 years</b>		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always to both items	22253	30.8	43.5	43.5
	2 Always or usually to one item or usually to both	19939	27.6	39.0	82.4
	3 Sometimes or never to both or any item	8982	12.4	17.6	100.0
	Total	51174	70.9	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	721	1.0		
	Total	21036	29.1		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>cares_1920 Children who care about doing well in school, age 6-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	27842	38.6	54.5	54.5
	2 Usually	16327	22.6	32.0	86.5
	3 Sometimes	5876	8.1	11.5	98.0
	4 Never	1002	1.4	2.0	100.0
	Total	51047	70.7	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	848	1.2		
	Total	21163	29.3		
Total		72210	100.0		

<b>homework_1920 Children who do all required homework, age 6-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	27578	38.2	54.0	54.0
	2 Usually	16990	23.5	33.3	87.3
	3 Sometimes	5642	7.8	11.0	98.3
	4 Never	855	1.2	1.7	100.0
	Total	51065	70.7	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	830	1.1		
	Total	21145	29.3		
Total		72210	100.0		

<b>ReptGrade_1920 Indicator 5.3: Repeated one or more grades in school, age 6-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	2695	3.7	5.3	5.3
	2 No	48510	67.2	94.7	100.0
	Total	51205	70.9	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	690	1.0		
	Total	21005	29.1		
Total		72210	100.0		

<b>SchlMiss_1920 Indicator 5.4: Missed school days, age 6-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No missed school days	15580	21.6	30.6	30.6
	2 1 - 3 days	22313	30.9	43.8	74.3
	3 4 - 6 days	7778	10.8	15.3	89.6
	4 7 - 10 days	3184	4.4	6.2	95.8
	5 11 or more days	2139	3.0	4.2	100.0
	Total	50994	70.6	100.0	
Missing	6 This child was not enrolled in school	248	.3		
	90 Children age 0-5 years	20315	28.1		
	99 Missing	653	.9		
	Total	21216	29.4		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

**AftSchAct\_1920 Indicator 5.5: Children participate in organized activities outside school, age 6-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Participate in one or more extracurricular activities	42462	58.8	82.8	82.8
	2 Do not participate in extracurricular activities	8811	12.2	17.2	100.0
	Total	51273	71.0	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing to all	622	.9		
	Total	20937	29.0		
Total		72210	100.0		

**sports\_1920 Children participated in sports teams or sports lessons after school or on weekends, age 6-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	30943	42.9	60.6	60.6
	2 No	20160	27.9	39.4	100.0
	Total	51103	70.8	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	792	1.1		
	Total	21107	29.2		
Total		72210	100.0		

**clubs\_1920 Children participated in clubs or organizations after school or on weekends, age 6-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	28255	39.1	55.5	55.5
	2 No	22614	31.3	44.5	100.0
	Total	50869	70.4	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	1026	1.4		
	Total	21341	29.6		
Total		72210	100.0		

**lessons\_1920 Children participated in any other organized activities or lessons, such as music, dance, language or other arts, age 6-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	25021	34.7	49.3	49.3
	2 No	25772	35.7	50.7	100.0
	Total	50793	70.3	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	1102	1.5		
	Total	21417	29.7		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>EventPart_1920 Indicator 5.6: Parents participated in child's event or activities, age 6-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	34054	47.2	66.5	66.5
	2 Usually	12457	17.3	24.3	90.8
	3 Sometimes	2795	3.9	5.5	96.3
	4 Rarely or never	1914	2.7	3.7	100.0
	Total	51220	70.9	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	675	.9		
	Total	20990	29.1		
Total		72210	100.0		

<b>volunteer_1920 Indicator 5.7: Children participated in community service or volunteer work, age 6-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	23192	32.1	45.6	45.6
	2 No	27654	38.3	54.4	100.0
	Total	50846	70.4	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	1049	1.5		
	Total	21364	29.6		
Total		72210	100.0		

<b>workpay_1920 Indicator 5.8: Work for pay outside home including regular jobs as well as babysitting, cutting grass, or other occasional work, age 12-17 years, 12-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	13205	18.3	45.2	45.2
	2 No	16004	22.2	54.8	100.0
	Total	29209	40.5	100.0	
Missing	90 Children age 0-11 years	42441	58.8		
	99 Missing	560	.8		
	Total	43001	59.5		
Total		72210	100.0		

<b>mentor_1920 Indicator 5.9: Children have at least one adult mentors, age 6-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	45683	63.3	91.2	91.2
	2 No	4425	6.1	8.8	100.0
	Total	50108	69.4	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	1787	2.5		
	Total	22102	30.6		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>LearnThings_1920 Parental concern about child's learning to do things for him or herself, age 3-5 years</b>		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes somewhat concerned	792	1.1	7.1	7.1
	2.00 Yes, very concerned	188	.3	1.7	8.7
	3.00 No	10244	14.2	91.3	100.0
	Total	11224	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	245	.3		
	Total	60986	84.5		
Total		72210	100.0		

<b>confident_1920 Parent's confidence level for child's readiness to be in school, age 3-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Completely confident	8182	11.3	72.9	72.9
	2.00 Mostly confident	2071	2.9	18.4	91.3
	3.00 Somewhat confident	757	1.0	6.7	98.1
	4.00 Not at all confident	217	.3	1.9	100.0
	Total	11227	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	242	.3		
	Total	60983	84.5		
Total		72210	100.0		

<b>RecogBegin_1920 Ability to recognize beginning sound of a word, age 3-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	5060	7.0	45.1	45.1
	2.00 Most of the time	3675	5.1	32.8	77.9
	3.00 About half the time	764	1.1	6.8	84.7
	4.00 Sometimes	1113	1.5	9.9	94.6
	5.00 Never	600	.8	5.4	100.0
	Total	11212	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	257	.4		
	Total	60998	84.5		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>RecogLetter_1920 Recognize letters of alphabet, age 3-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 All of them	5483	7.6	48.8	48.8
	2.00 Most of them	2514	3.5	22.4	71.2
	3.00 About half of them	907	1.3	8.1	79.3
	4.00 Some of them	1852	2.6	16.5	95.8
	5.00 None of them	470	.7	4.2	100.0
	Total	11226	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	243	.3		
	Total	60984	84.5		
Total		72210	100.0		

<b>RhymeWord_1920 Ability to rhyme words, age 3-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	7852	10.9	70.1	70.1
	2.00 No	3356	4.6	29.9	100.0
	Total	11208	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	261	.4		
	Total	61002	84.5		
Total		72210	100.0		

<b>ClearExp_1920 Ability to explain things child has seen or done, age 3-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	5437	7.5	48.6	48.6
	2.00 Most of the time	4447	6.2	39.7	88.3
	3.00 About half the time	602	.8	5.4	93.7
	4.00 Sometimes	446	.6	4.0	97.7
	5.00 Never	263	.4	2.3	100.0
	Total	11195	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	274	.4		
	Total	61015	84.5		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>WriteName_1920 Ability to write first name, age 3-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	5042	7.0	45.1	45.1
	2.00 Most of the time	1201	1.7	10.7	55.8
	3.00 About half the time	532	.7	4.8	60.5
	4.00 Sometimes	1238	1.7	11.1	71.6
	5.00 Never	3179	4.4	28.4	100.0
	Total	11192	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	277	.4		
	Total	61018	84.5		
Total		72210	100.0		

<b>CountTo_1920 Ability to count numerals, age 3-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Not at all or can count up to five	607	.8	5.4	5.4
	2.00 Up to ten	2248	3.1	20.0	25.5
	3.00 Up to 20	4764	6.6	42.5	67.9
	4.00 Up to 50	1416	2.0	12.6	80.5
	5.00 Up to 100 or more	2183	3.0	19.5	100.0
	Total	11218	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	251	.3		
	Total	60992	84.5		
Total		72210	100.0		

<b>RecogShapes_1920 Ability to recognize basic shapes, age 3-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	8002	11.1	71.5	71.5
	2.00 Most of the time	2170	3.0	19.4	90.9
	3.00 About half the time	396	.5	3.5	94.4
	4.00 Sometimes	450	.6	4.0	98.4
	5.00 Never	176	.2	1.6	100.0
	Total	11194	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	275	.4		
	Total	61016	84.5		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes, all of them	10431	14.4	93.2	93.2
	2.00 Yes, some of them	621	.9	5.5	98.7
	3.00 No, none of them	142	.2	1.3	100.0
	Total	11194	15.5	100.0	
Missing	90.00 Children age 0-2 years	51895	71.9		
	95.00 Children age 6-17 years	8846	12.3		
	99.00 Missing	275	.4		
	Total	61016	84.5		
Total		72210	100.0		

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	421	.6	3.8	3.8
	2.00 Most of the time	1141	1.6	10.2	13.9
	3.00 About half the time	2533	3.5	22.6	36.5
	4.00 Sometimes	6579	9.1	58.7	95.2
	5.00 Never	535	.7	4.8	100.0
	Total	11209	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	260	.4		
	Total	61001	84.5		
Total		72210	100.0		

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	976	1.4	8.7	8.7
	2.00 Most of the time	5900	8.2	52.6	61.3
	3.00 About half the time	2858	4.0	25.5	86.7
	4.00 Sometimes	1345	1.9	12.0	98.7
	5.00 Never	144	.2	1.3	100.0
	Total	11223	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	246	.3		
	Total	60987	84.5		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>SimpleInst_1920 Children who can follow instructions to complete a simple task, age 3-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	4600	6.4	41.1	41.1
	2.00 Most of the time	5381	7.5	48.0	89.1
	3.00 About half the time	801	1.1	7.1	96.2
	4.00 Sometimes	364	.5	3.2	99.5
	5.00 Never	58	.1	.5	100.0
	Total	11204	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	265	.4		
	Total	61006	84.5		
Total		72210	100.0		

<b>UsePencil_1920 How young children hold a pencil, age 3-5 years, age 3-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Uses fingers to hold the pencil	8540	11.8	76.3	76.3
	2.00 Grips the pencil in his or her fist	2484	3.4	22.2	98.5
	3.00 This child cannot hold a pencil	168	.2	1.5	100.0
	Total	11192	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	277	.4		
	Total	61018	84.5		
Total		72210	100.0		

<b>PlayWell_1920 Children who play well with others, age 3-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	4265	5.9	38.1	38.1
	2.00 Most of the time	6088	8.4	54.3	92.4
	3.00 About half the time	538	.7	4.8	97.2
	4.00 Sometimes	279	.4	2.5	99.7
	5.00 Never	35	.0	.3	100.0
	Total	11205	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	264	.4		
	Total	61005	84.5		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

**NewActivity\_1920 Children who become angry or anxious when going from one activity to another, age 3-5 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	138	.2	1.2	1.2
	2.00 Most of the time	329	.5	2.9	4.2
	3.00 About half the time	812	1.1	7.2	11.4
	4.00 Sometimes	6214	8.6	55.4	66.8
	5.00 Never	3718	5.1	33.2	100.0
	Total	11211	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	258	.4		
	Total	60999	84.5		
Total		72210	100.0		

**HurtSad\_1920 Children who show concern when others are hurt or unhappy, age 3-5 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	4366	6.0	38.9	38.9
	2.00 Most of the time	5168	7.2	46.1	85.0
	3.00 About half the time	826	1.1	7.4	92.4
	4.00 Sometimes	723	1.0	6.4	98.8
	5.00 Never	133	.2	1.2	100.0
	Total	11216	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	253	.4		
	Total	60994	84.5		
Total		72210	100.0		

**CalmDown\_1920 Children who can calm down when excited or all wound up, age 3-5 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	1167	1.6	10.4	10.4
	2.00 Most of the time	5867	8.1	52.4	62.8
	3.00 About half the time	2612	3.6	23.3	86.2
	4.00 Sometimes	1442	2.0	12.9	99.0
	5.00 Never	108	.1	1.0	100.0
	Total	11196	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	273	.4		
	Total	61014	84.5		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

temper_1920 Children who lose control of temper when things do not go their way, 3-5 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	267	.4	2.4	2.4
	2.00 Most of the time	1141	1.6	10.2	12.6
	3.00 About half the time	2160	3.0	19.3	31.8
	4.00 Sometimes	6649	9.2	59.3	91.2
	5.00 Never	990	1.4	8.8	100.0
	Total	11207	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	262	.4		
	Total	61003	84.5		
Total		72210	100.0		

MakeFr3to5_1920 Children who have difficulty making and keeping friends, age 3-5 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 No difficulty	9600	13.3	85.8	85.8
	2.00 A little difficulty	1377	1.9	12.3	98.1
	3.00 A lot of difficulty	215	.3	1.9	100.0
	Total	11192	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 No valid response	277	.4		
	Total	61018	84.5		
Total		72210	100.0		

SitStill1_1920 Children who are able to sit still, age 3-5 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	1719	2.4	15.3	15.3
	2.00 Most of the time	5989	8.3	53.5	68.8
	3.00 About half the time	2240	3.1	20.0	88.8
	4.00 Sometimes	1097	1.5	9.8	98.6
	5.00 Never	154	.2	1.4	100.0
	Total	11199	15.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age 0-2 years	8846	12.3		
	99.00 Missing	270	.4		
	Total	61011	84.5		
Total		72210	100.0		

### Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

<b>OneWord_1920 Children who are able to say at least one word, such as 'hi' or 'dog', age 1-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	17315	24.0	97.9	97.9
	2.00 No	373	.5	2.1	100.0
	Total	17688	24.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <1 year	2330	3.2		
	99.00 No valid response	297	.4		
	Total	54522	75.5		
Total		72210	100.0		

<b>TwoWords_1920 Children who are able to use 2 words together, such as 'car go', age 1-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	16011	22.2	90.5	90.5
	2.00 No	1677	2.3	9.5	100.0
	Total	17688	24.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <1 year	2330	3.2		
	99.00 No valid response	297	.4		
	Total	54522	75.5		
Total		72210	100.0		

<b>ThreeWords_1920 Children who are able to use 3 words together in a sentence, such as, 'Mommy come now.', age 1-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	14769	20.5	83.5	83.5
	2.00 No	2919	4.0	16.5	100.0
	Total	17688	24.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <1 year	2330	3.2		
	99.00 No valid response	297	.4		
	Total	54522	75.5		
Total		72210	100.0		

<b>AskQuest1_1920 Children who are able to ask questions like 'who,' 'what,' 'when,' 'where', age 1-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	14488	20.1	81.9	81.9
	2.00 No	3200	4.4	18.1	100.0
	Total	17688	24.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <1 year	2330	3.2		
	99.00 No valid response	297	.4		
	Total	54522	75.5		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

AskQuest2_1920 Children who are able to ask questions like 'why' and 'how', age 1-5 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	13589	18.8	76.8	76.8
	2.00 No	4099	5.7	23.2	100.0
	Total	17688	24.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <1 year	2330	3.2		
	99.00 No valid response	297	.4		
	Total	54522	75.5		
Total		72210	100.0		

TellStory_1920 Child is able to tell a story with a beginning, middle, and end, age 1-5 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	11415	15.8	64.5	64.5
	2.00 No	6273	8.7	35.5	100.0
	Total	17688	24.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <1 year	2330	3.2		
	99.00 No valid response	297	.4		
	Total	54522	75.5		
Total		72210	100.0		

understand_1920 Children who are able to understand the meaning of the word 'no', age 1-5 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	17229	23.9	97.4	97.4
	2.00 No	459	.6	2.6	100.0
	Total	17688	24.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <1 year	2330	3.2		
	99.00 No valid response	297	.4		
	Total	54522	75.5		
Total		72210	100.0		

### Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

<b>directions_1920 Children who are able to follow a verbal direction without hand gestures, such as 'Wash your hands.', age 1-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	16729	23.2	94.6	94.6
	2.00 No	959	1.3	5.4	100.0
	Total	17688	24.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <1 year	2330	3.2		
	99.00 No valid response	297	.4		
	Total	54522	75.5		
Total		72210	100.0		

<b>point_1920 Children who are able to point to things in a book when asked, age 1-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	16511	22.9	93.3	93.3
	2.00 No	1177	1.6	6.7	100.0
	Total	17688	24.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <1 year	2330	3.2		
	99.00 No valid response	297	.4		
	Total	54522	75.5		
Total		72210	100.0		

<b>TwoStepDirc_1920 Children who are able to follow 2-step directions, such as 'Get your shoes and put them in the basket.', age 1-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	16245	22.5	91.8	91.8
	2.00 No	1443	2.0	8.2	100.0
	Total	17688	24.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <1 year	2330	3.2		
	99.00 No valid response	297	.4		
	Total	54522	75.5		
Total		72210	100.0		

<b>Understand2_1920 Children who are able to understand words such as 'in,' 'on,' and 'under', age 1-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	16076	22.3	90.9	90.9
	2.00 No	1612	2.2	9.1	100.0
	Total	17688	24.5	100.0	
Missing	90.00 Children age 6-17 years	51895	71.9		
	95.00 Children age <1 year	2330	3.2		
	99.00 No valid response	297	.4		
	Total	54522	75.5		
Total		72210	100.0		

## Family Health and Activities

<b>MothPhyH_1920 Indicator 6.1: Physical health status of child's mother</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent or very good	45605	63.2	71.4	71.4
	2 Good	14960	20.7	23.4	94.8
	3 Fair or poor	3302	4.6	5.2	100.0
	Total	63867	88.4	100.0	
Missing	95 No mother reported in the household as a primary caregiver of the child	6275	8.7		
	99 Missing	2068	2.9		
	Total	8343	11.6		
	Total	72210	100.0		

<b>FathPhyH_1920 Indicator 6.1a: Physical health status of child's father</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent or very good	40479	56.1	72.0	72.0
	2 Good	13119	18.2	23.3	95.4
	3 Fair or poor	2597	3.6	4.6	100.0
	Total	56195	77.8	100.0	
Missing	95 No father reported in the household as a primary caregiver of the child	13996	19.4		
	99 Missing	2019	2.8		
	Total	16015	22.2		
	Total	72210	100.0		

<b>MotherMH_1920 Indicator 6.2: Mental health status of child's mother</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent or very good	46328	64.2	72.5	72.5
	2 Good	13849	19.2	21.7	94.2
	3 Fair or poor	3696	5.1	5.8	100.0
	Total	63873	88.5	100.0	
Missing	95 No mother reported in the household as a primary caregiver of the child	6275	8.7		
	99 Missing	2062	2.9		
	Total	8337	11.5		
	Total	72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

FatherMH_1920 Indicator 6.2a: Mental health status of child's father					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent or very good	43954	60.9	78.2	78.2
	2 Good	10015	13.9	17.8	96.0
	3 Fair or poor	2259	3.1	4.0	100.0
	Total	56228	77.9	100.0	
Missing	95 No father reported in the household as a primary caregiver of the child	13996	19.4		
	99 Missing	1986	2.8		
	Total	15982	22.1		
	Total	72210	100.0		

MotherHSt_1920 Indicator 6.3: Overall physical and mental health status of children's mothers					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Physical & mental health BOTH excellent or very good	39877	55.2	62.6	62.6
	2 One or both of physical & mental health are NOT excellent/very good	23837	33.0	37.4	100.0
	Total	63714	88.2	100.0	
Missing	95 No mother reported in the household as a primary caregiver of the child	6275	8.7		
	99 Missing	2221	3.1		
	Total	8496	11.8		
	Total	72210	100.0		

FatherHSt_1920 Indicator 6.3: Overall physical and mental health status of children's fathers					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Physical & mental health BOTH excellent or very good	37006	51.2	66.0	66.0
	2 One or both of physical & mental health are NOT excellent/very good	19068	26.4	34.0	100.0
	Total	56074	77.7	100.0	
Missing	95 No father reported in the household as a primary caregiver of the child	13996	19.4		
	99 Missing	2140	3.0		
	Total	16136	22.3		
	Total	72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

Smoking_1920 Indicator 6.4: Tobacco use in household					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	9598	13.3	13.6	13.6
	2 No	61067	84.6	86.4	100.0
	Total	70665	97.9	100.0	
Missing	99 Missing	1545	2.1		
Total		72210	100.0		

SmkInside_1920 Indicator 6.4a: Someone smokes inside the home					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No one smokes in the household	61067	84.6	86.5	86.5
	2 Someone smokes, not inside the house	8416	11.7	11.9	98.4
	3 Someone smokes inside the house	1112	1.5	1.6	100.0
	Total	70595	97.8	100.0	
Missing	99 Missing	1615	2.2		
Total		72210	100.0		

Shareideas_1920 Indicator 6.6: How well children share ideas or talk about things that really matter with their parents, age 6-17 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very well	31671	43.9	62.2	62.2
	2 Somewhat well	16687	23.1	32.8	95.0
	3 Not very well or Not very well at all	2520	3.5	5.0	100.0
	Total	50878	70.5	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	1017	1.4		
	Total	21332	29.5		
Total		72210	100.0		

readto_1920 Indicator 6.7: Number of days children were read aloud to during the past week, age 0-5 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No days	1024	1.4	5.1	5.1
	2 1-3 days	6017	8.3	30.1	35.2
	3 4-6 days	3959	5.5	19.8	55.0
	4 Every day	9016	12.5	45.0	100.0
	Total	20016	27.7	100.0	
Missing	90 Children age 6-17 years	51895	71.9		
	99 Missing	299	.4		
	Total	52194	72.3		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

**SingStory\_1920 Indicator 6.8: Number of days children were sung to or told stories to during past week, age 0-5 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No days	602	.8	3.0	3.0
	2 1-3 days	4851	6.7	24.2	27.2
	3 4-6 days	3971	5.5	19.8	47.1
	4 Every day	10597	14.7	52.9	100.0
	Total	20021	27.7	100.0	
Missing	90 Children age 6-17 years	51895	71.9		
	99 Missing	294	.4		
	Total	52189	72.3		
Total		72210	100.0		

**MealTogether\_1920 Indicator 6.9: Number of days family eats a meal together, children ages 0-17 years**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No days	2193	3.0	3.1	3.1
	2 1-3 days	15906	22.0	22.4	25.5
	3 4-6 days	22283	30.9	31.4	57.0
	4 Every day	30524	42.3	43.0	100.0
	Total	70906	98.2	100.0	
Missing	99 Missing	1304	1.8		
Total		72210	100.0		

**ScreenTime\_1920 Indicator 6.10: Time spent in front of a TV, computer, cellphone or other electronic device watching programs, playing games, accessing the internet or using social media, not including schoolwork on most weekdays**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Less than 1 hour	8928	12.4	12.6	12.6
	2 1 hour	10982	15.2	15.4	28.0
	3 2 hours	20042	27.8	28.2	56.2
	4 3 hours	13910	19.3	19.6	75.7
	5 4 or more hours	17262	23.9	24.3	100.0
	Total	71124	98.5	100.0	
Missing	99 Missing	1086	1.5		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

<b>FamResilience_1920 Indicator 6.12: Family flourishing composite measure</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 All or most of the time to 0-1 items	3608	5.0	5.1	5.1
	2 All or most of the time to 2-3 items	6968	9.6	9.9	15.0
	3 All or most of the time to all 4 items	59713	82.7	85.0	100.0
	Total	70289	97.3	100.0	
Missing	99 Missing to all 4 items	1921	2.7		
Total		72210	100.0		

<b>TalkAbout_1920 Family members talk together about what to do when the family faces problems</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 All of the time	36471	50.5	51.9	51.9
	2 Most of the time	27317	37.8	38.9	90.9
	3 Some/None of the time	6420	8.9	9.1	100.0
	Total	70208	97.2	100.0	
Missing	99 Missing	2002	2.8		
Total		72210	100.0		

<b>WrkToSolve_1920 Family members work together to solve the problem when the family faces problems</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 All of the time	36721	50.9	52.4	52.4
	2 Most of the time	27315	37.8	39.0	91.3
	3 Some/None of the time	6075	8.4	8.7	100.0
	Total	70111	97.1	100.0	
Missing	99 Missing	2099	2.9		
Total		72210	100.0		

<b>strengths_1920 Family members know we have strengths to draw on when the family faces problems</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 All of the time	40015	55.4	57.1	57.1
	2 Most of the time	24665	34.2	35.2	92.3
	3 Some/None of the time	5366	7.4	7.7	100.0
	Total	70046	97.0	100.0	
Missing	99 Missing	2164	3.0		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

<b>hopeful_1920 Family members stay hopeful even in difficult times when the family faces problems</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 All of the time	38051	52.7	54.2	54.2
	2 Most of the time	28303	39.2	40.3	94.6
	3 Some/None of the time	3811	5.3	5.4	100.0
	Total	70165	97.2	100.0	
Missing	99 Missing	2045	2.8		
Total		72210	100.0		

<b>ACE2more_1920 Indicator 6.13: Children experienced two or more adverse childhood experiences</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No adverse childhood experiences	44019	61.0	62.0	62.0
	2 Experienced 1 adverse childhood experience	14515	20.1	20.5	82.5
	3 Experienced 2 or more adverse childhood experiences	12426	17.2	17.5	100.0
	Total	70960	98.3	100.0	
Missing	99 Missing to all items	1250	1.7		
Total		72210	100.0		

<b>ACEincome_1920 Adverse childhood experience: hard to cover the basics, like food or housing, on family's income</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never hard to get by on family income	41415	57.4	58.5	58.5
	2 Rarely hard to get by on family income	21298	29.5	30.1	88.7
	3 Somewhat often hard to get by on family income	6546	9.1	9.3	97.9
	4 Very often hard to get by on family income	1478	2.0	2.1	100.0
	Total	70737	98.0	100.0	
Missing	99 Missing	1473	2.0		
Total		72210	100.0		

<b>ACEdivorce_1920 Adverse childhood experience: child's parent or guardian divorced or separated</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	15883	22.0	22.8	22.8
	2 No	53926	74.7	77.2	100.0
	Total	69809	96.7	100.0	
Missing	99 Missing	2401	3.3		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>ACEdeath_1920 Adverse childhood experience: child's parent or guardian died</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	2075	2.9	3.0	3.0
	2 No	67676	93.7	97.0	100.0
	Total	69751	96.6	100.0	
Missing	99 Missing	2459	3.4		
Total		72210	100.0		

<b>ACEjail_1920 Adverse childhood experience: child's parent or guardian served time in jail</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	4324	6.0	6.2	6.2
	2 No	65330	90.5	93.8	100.0
	Total	69654	96.5	100.0	
Missing	99 Missing	2556	3.5		
Total		72210	100.0		

<b>ACEdomviol_1920 Adverse childhood experience: child witnessed domestic violence</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	3510	4.9	5.0	5.0
	2 No	66071	91.5	95.0	100.0
	Total	69581	96.4	100.0	
Missing	99 Missing	2629	3.6		
Total		72210	100.0		

<b>ACEneighviol_1920 Adverse childhood experience: child was victim or witness of neighborhood violence</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	2579	3.6	3.7	3.7
	2 No	66993	92.8	96.3	100.0
	Total	69572	96.3	100.0	
Missing	99 Missing	2638	3.7		
Total		72210	100.0		

<b>ACEmhealth_1920 Adverse childhood experience: child lived with anyone who was mentally ill, suicidal, or severely depressed</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	6542	9.1	9.4	9.4
	2 No	62995	87.2	90.6	100.0
	Total	69537	96.3	100.0	
Missing	99 Missing	2673	3.7		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

### **ACEdrug\_1920 Adverse childhood experience: child lived with anyone who had a problem with alcohol or drugs**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	6694	9.3	9.6	9.6
	2 No	62868	87.1	90.4	100.0
	Total	69562	96.3	100.0	
Missing	99 Missing	2648	3.7		
Total		72210	100.0		

### **ACEdiscrim\_1920 Adverse childhood experience: child was treated or judged unfairly because of his/her race or ethnic group**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	2817	3.9	4.0	4.0
	2 No	66837	92.6	96.0	100.0
	Total	69654	96.5	100.0	
Missing	99 Missing	2556	3.5		
Total		72210	100.0		

### **ParAggrav\_1920 Indicator 6.14: Children whose parents who felt stress from parenting during the past month**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Parent usually/always feels aggravation from parenting	3694	5.1	5.2	5.2
	2 Parent seldom feels aggravation from parenting	67398	93.3	94.8	100.0
	Total	71092	98.5	100.0	
Missing	99 Missing to all 3 items	1118	1.5		
Total		72210	100.0		

### **DiffCare\_1920 Parent felt child is much harder to care for than most children during the past month**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never	45302	62.7	63.8	63.8
	2 Rarely	14722	20.4	20.7	84.5
	3 Sometimes	8119	11.2	11.4	96.0
	4 Usually or always	2859	4.0	4.0	100.0
	Total	71002	98.3	100.0	
Missing	99 Missing	1208	1.7		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>bother_1920 Parent felt that their child does things that bother them during the past month</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never	30243	41.9	42.6	42.6
	2 Rarely	26352	36.5	37.2	79.8
	3 Sometimes	12613	17.5	17.8	97.6
	4 Usually or always	1724	2.4	2.4	100.0
	Total	70932	98.2	100.0	
Missing	99 Missing	1278	1.8		
Total		72210	100.0		

<b>angry_1920 Parent felt angry with child during the past month</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never	24312	33.7	34.3	34.3
	2 Rarely	33386	46.2	47.1	81.4
	3 Sometimes	12659	17.5	17.9	99.3
	4 Usually or always	499	.7	.7	100.0
	Total	70856	98.1	100.0	
Missing	99 Missing	1354	1.9		
Total		72210	100.0		

<b>EmSupport_1920 Indicator 6.15: Children living with parents who have someone that they could turn to for day-to-day emotional support with parenting or raising children</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	58200	80.6	82.1	82.1
	2 No	12654	17.5	17.9	100.0
	Total	70854	98.1	100.0	
Missing	99 Missing	1356	1.9		
Total		72210	100.0		

<b>EmSSpouse_1920 Children whose parents had day-to-day emotional support with parenting or raising children from their spouse or domestic partner</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received emotional support from spouse or domestic partner	49407	68.4	70.2	70.2
	2 Received emotional support, but not from spouse or domestic partner	8281	11.5	11.8	82.0
	3 Did not receive emotional support in the past 12 months	12654	17.5	18.0	100.0
	Total	70342	97.4	100.0	
Missing	99 Missing	1868	2.6		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>EmSFamily_1920 Children whose parents received day-to-day emotional support with parenting or raising children from other family member or close friend</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received emotional support from other family member or close friend	51939	71.9	73.8	73.8
	2 Received emotional support, but not from other family member or close friend	5749	8.0	8.2	82.0
	3 Did not receive emotional support in the past 12 months	12654	17.5	18.0	100.0
	Total	70342	97.4	100.0	
Missing	99 Missing	1868	2.6		
Total		72210	100.0		

<b>EmSPublisher_1920 Children whose parents received day-to-day emotional support with parenting or raising children from health care provider</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received emotional support from a health care provider	18184	25.2	25.9	25.9
	2 Received emotional support, but not from a health care provider	39504	54.7	56.2	82.0
	3 Did not receive emotional support in the past 12 months	12654	17.5	18.0	100.0
	Total	70342	97.4	100.0	
Missing	99 Missing	1868	2.6		
Total		72210	100.0		

<b>EmSWorship_1920 Children whose parents received day-to-day emotional support with parenting or raising children from a place of worship or religious leader</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received emotional support from a place of worship	16455	22.8	23.4	23.4
	2 Received emotional support, but not from a place of worship	41233	57.1	58.6	82.0
	3 Did not receive emotional support in the past 12 months	12654	17.5	18.0	100.0
	Total	70342	97.4	100.0	
Missing	99 Missing	1868	2.6		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>EmSSupGrp_1920 Children whose parents received day-to-day emotional support with parenting or raising children from support or advocacy group related to specific health condition</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received emotional support from advocacy or support group	2685	3.7	3.8	3.8
	2 Received emotional support, but not from advocacy or support group	55003	76.2	78.2	82.0
	3 Did not receive emotional support in the past 12 months	12654	17.5	18.0	100.0
	Total	70342	97.4	100.0	
Missing	99 Missing	1868	2.6		
Total		72210	100.0		

<b>EmSPeer_1920 Children whose parents received day-to-day emotional support with parenting or raising children from a peer support group</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received emotional support from a peer group	8491	11.8	12.1	12.1
	2 Received emotional support, but not from a peer group	49197	68.1	69.9	82.0
	3 Did not receive emotional support in the past 12 months	12654	17.5	18.0	100.0
	Total	70342	97.4	100.0	
Missing	99 Missing	1868	2.6		
Total		72210	100.0		

<b>EmSMental_1920 Children whose parents received day-to-day emotional support with parenting or raising children from a counselor or other mental health professional</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received emotional support from a mental health professional	7212	10.0	10.3	10.3
	2 Received emotional support, but not from a mental health professional	50476	69.9	71.8	82.0
	3 Did not receive emotional support in the past 12 months	12654	17.5	18.0	100.0
	Total	70342	97.4	100.0	
Missing	99 Missing	1868	2.6		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

ParCoping_1920 Indicator 6.16: Coping with day-to-day demands of raising children					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very well	41519	57.5	58.4	58.4
	2 Somewhat well	28434	39.4	40.0	98.4
	3 Not very well or Not very well at all	1173	1.6	1.6	100.0
	Total	71126	98.5	100.0	
Missing	99 Missing	1084	1.5		
Total		72210	100.0		

JobChange_1920 Indicator 6.17: Children whose family members had to quit a job, not take a job, or greatly change their job because of problems with child care, age 0-5 years					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	2043	2.8	10.2	10.2
	2 No	17893	24.8	89.8	100.0
	Total	19936	27.6	100.0	
Missing	90 Children age 6-17 years	51895	71.9		
	99 Missing	379	.5		
	Total	52274	72.4		
Total		72210	100.0		

StopCutWork_1920 Indicator 6.18: Children whose family members left a job, took a leave of absence or cut back hours due to child's health					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Family member left a job or take leave of absence or both	4495	6.2	6.3	6.3
	2 Employment not affected and leave of absence not taken	67050	92.9	93.7	100.0
	Total	71545	99.1	100.0	
Missing	99 Missing to both	665	.9		
Total		72210	100.0		

AvoidChng_1920 Indicator 6.19: Children whose family member(s) avoided changing jobs because of concerns about maintaining health insurance					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	5282	7.3	7.4	7.4
	2 No	66040	91.5	92.6	100.0
	Total	71322	98.8	100.0	
Missing	99 Missing	888	1.2		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>HomeCare_1920 Indicator 6.20a: Number of hours spent providing health care at home for child in an average week</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Less than 1	4551	6.3	56.4	56.4
	2 1-4	1884	2.6	23.4	79.8
	3 5-10	614	.9	7.6	87.4
	4 11 or more	1016	1.4	12.6	100.0
	Total	8065	11.2	100.0	
Missing	95 The child does not need health care provided on a weekly basis	63461	87.9		
	99 Missing	684	.9		
	Total	64145	88.8		
Total		72210	100.0		

<b>TimeCoord_1920 Indicator 6.20b: Number of hours spent coordinating health care for child in an average week</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Less than 1	5681	7.9	72.3	72.3
	2 1-4	1733	2.4	22.0	94.3
	3 5-10	227	.3	2.9	97.2
	4 11 or more	220	.3	2.8	100.0
	Total	7861	10.9	100.0	
Missing	95 This child does not need health care coordinated on a weekly basis	63660	88.2		
	99 Missing	689	1.0		
	Total	64349	89.1		
Total		72210	100.0		

<b>Care10hrs_1920 Indicator 6.21: Received care from others at least 10 hours per week, age 0-5 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	11178	15.5	56.1	56.1
	2 No	8755	12.1	43.9	100.0
	Total	19933	27.6	100.0	
Missing	90 Children age 6-17 years	51895	71.9		
	99 Missing	382	.5		
	Total	52277	72.4		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>SLEEPPOS_1920 Indicator 6.22: Sleep position, age 0-12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 On his or her back	1802	2.5	80.3	80.3
	2 On his or her side	219	.3	9.8	90.0
	3 On his or her stomach	224	.3	10.0	100.0
	Total	2245	3.1	100.0	
Missing	90 Children age 1-17 years	69880	96.8		
	99 Missing	85	.1		
	Total	69965	96.9		
Total		72210	100.0		

<b>BedTime_1920 Indicator 6.24: Go to bed at the same time on weeknights</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	20316	28.1	28.4	28.4
	2 Usually	41790	57.9	58.5	86.9
	3 Sometimes	6660	9.2	9.3	96.2
	4 Rarely or never	2683	3.7	3.8	100.0
	Total	71449	98.9	100.0	
Missing	99 Missing	761	1.1		
Total		72210	100.0		

<b>HrsSleep_1920 Indicator 6.25: Child slept recommended age-appropriate hours during an average day/on most weeknights, age 4 months – 17</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	49013	67.9	69.5	69.5
	2 No	21540	29.8	30.5	100.0
	Total	70553	97.7	100.0	
Missing	95 Children less than 4 months old	724	1.0		
	99 Missing	933	1.3		
	Total	1657	2.3		
Total		72210	100.0		

<b>FoodSit_1920 Indicator 6.26: Food situation in child's household in the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 We could always afford to eat good nutritious meals	52697	73.0	74.7	74.7
	2 We could always afford enough to eat but not always the kinds of food we should eat	15552	21.5	22.0	96.7
	3 Sometimes we could not afford enough to eat	2011	2.8	2.8	99.6
	4 Often we could not afford enough to eat	314	.4	.4	100.0
	Total	70574	97.7	100.0	
Missing	99 Missing	1636	2.3		
Total		72210	100.0		

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

<b>FoodCash_1920 Indicator 6.27: Someone in the family received food or cash assistance at any time during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 None	51019	70.7	72.2	72.2
	2 1-2 types	17265	23.9	24.4	96.6
	3 3-4 types	2384	3.3	3.4	100.0
	Total	70668	97.9	100.0	
Missing	99 Missing	1542	2.1		
Total		72210	100.0		

<b>WIC_1920 Someone in the family received benefits from the WIC Program at any time during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	4276	5.9	6.1	6.1
	2 No	65912	91.3	93.9	100.0
	Total	70188	97.2	100.0	
	99 Missing	2022	2.8		
Total		72210	100.0		

<b>CashAss_1920 Someone in the family received cash assistance from government at any time during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	2265	3.1	3.2	3.2
	2 No	67876	94.0	96.8	100.0
	Total	70141	97.1	100.0	
	99 Missing	2069	2.9		
Total		72210	100.0		

<b>FoodStamp_1920 Someone in the family received Food Stamps or Supplemental Nutrition Assistance Program benefits at any time during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	8476	11.7	12.1	12.1
	2.00 No	61787	85.6	87.9	100.0
	Total	70263	97.3	100.0	
	99.00 Missing	1947	2.7		
Total		72210	100.0		

<b>MealFree_1920 Someone in the family received free or reduced-cost breakfasts or lunches at school at any time during the past 12 months</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	15776	21.8	22.5	22.5
	2 No	54483	75.5	77.5	100.0
	Total	70259	97.3	100.0	
	99 Missing	1951	2.7		
Total		72210	100.0		

## Neighborhood Safety and Support

<b>NbhdSupp_1920 Indicator 7.1: Children who live in supportive neighborhood</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	42085	58.3	60.2	60.2
	2 No	27822	38.5	39.8	100.0
	Total	69907	96.8	100.0	
Missing	99 Missing to any	2303	3.2		
Total		72210	100.0		

<b>NbhdSafe_1920 Indicator 7.2: Children live in safe neighborhoods</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Definitely agree	48671	67.4	69.3	69.3
	2 Somewhat agree	19016	26.3	27.1	96.3
	3 Somewhat/Definitely disagree	2590	3.6	3.7	100.0
	Total	70277	97.3	100.0	
Missing	99 Missing	1933	2.7		
Total		72210	100.0		

<b>SchlSafe_1920 Indicator 7.3: Safe schools, age 6-17 years</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Definitely agree	36350	50.3	72.4	72.4
	2 Somewhat agree	12468	17.3	24.8	97.3
	3 Somewhat or definitely disagree	1360	1.9	2.7	100.0
	Total	50178	69.5	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	99 Missing	1717	2.4		
	Total	22032	30.5		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>NbhdAmenities_1920 Indicator 7.4: Count of amenities in children's neighborhoods</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Neighborhood does not contain any amenities	8309	11.5	11.9	11.9
	1 Neighborhood contains 1 amenity	7996	11.1	11.4	23.3
	2 Neighborhood contains 2 amenities	12647	17.5	18.1	41.3
	3 Neighborhood contains 3 amenities	15973	22.1	22.8	64.2
	4 Neighborhood contains all 4 amenities	25099	34.8	35.8	100.0
	Total	70024	97.0	100.0	
Missing	99 Missing to any of the questions	2186	3.0		
Total		72210	100.0		

<b>SideWlk_1920 Children who live in neighborhoods with sidewalks or walking paths</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	51765	71.7	73.3	73.3
	2.00 No	18875	26.1	26.7	100.0
	Total	70640	97.8	100.0	
Missing	99.00 Missing	1570	2.2		
Total		72210	100.0		

<b>park_1920 Children who live in neighborhoods with a park or playground</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	52420	72.6	74.3	74.3
	2.00 No	18120	25.1	25.7	100.0
	Total	70540	97.7	100.0	
Missing	99.00 Missing	1670	2.3		
Total		72210	100.0		

<b>RecCentr_1920 Children who live in neighborhoods with recreation center, community center or boys' and girls' club</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	32291	44.7	45.8	45.8
	2.00 No	38142	52.8	54.2	100.0
	Total	70433	97.5	100.0	
Missing	99.00 Missing	1777	2.5		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>library_1920 Children who live in neighborhoods with a library or bookmobile</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	46528	64.4	66.1	66.1
	2.00 No	23914	33.1	33.9	100.0
	Total	70442	97.6	100.0	
Missing	99.00 Missing	1768	2.4		
Total		72210	100.0		

<b>NbhdDetract_1920 Indicator 7.5: Presence of detracting neighborhood elements in the neighborhood</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Neighborhood does not have any detracting elements	53615	74.2	76.4	76.4
	1 Neighborhood has 1 detracting element	10610	14.7	15.1	91.5
	2 Neighborhood has 2 detracting elements	3541	4.9	5.0	96.5
	3 Neighborhood has 3 detracting elements	2439	3.4	3.5	100.0
	Total	70205	97.2	100.0	
Missing	99 Missing to any of the questions	2005	2.8		
Total		72210	100.0		

<b>litter_1920 Children who live in neighborhoods with litter or garbage on the street or sidewalk</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	12241	17.0	17.4	17.4
	2.00 No	58213	80.6	82.6	100.0
	Total	70454	97.6	100.0	
Missing	99.00 Missing	1756	2.4		
Total		72210	100.0		

<b>housing_1920 Children who live in neighborhoods with poorly kept or rundown housing</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	8613	11.9	12.2	12.2
	2.00 No	61848	85.7	87.8	100.0
	Total	70461	97.6	100.0	
Missing	99.00 Missing	1749	2.4		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

<b>vandal_1920 Children who live in neighborhoods with vandalism such as broken windows or graffiti</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	4306	6.0	6.1	6.1
	2.00 No	66227	91.7	93.9	100.0
	Total	70533	97.7	100.0	
Missing	99.00 Missing	1677	2.3		
Total		72210	100.0		

## **Child and Family Demographics**

<b>age3_1920 Age in 3 groups</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 0-5 years old	20315	28.1	28.1	28.1
	2.00 6-11 years old	22126	30.6	30.6	58.8
	3.00 12-17 years old	29769	41.2	41.2	100.0
	Total	72210	100.0	100.0	

<b>age5_1920 U.S. children in 5 age groups</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 0-3 years old	12656	17.5	17.5	17.5
	2.00 4-7 years old	14514	20.1	20.1	37.6
	3.00 8-11 years old	15271	21.1	21.1	58.8
	4.00 12-14 years old	13426	18.6	18.6	77.4
	5.00 15-17 years old	16343	22.6	22.6	100.0
	Total	72210	100.0	100.0	

<b>sex_1920 Sex of child</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Male	37427	51.8	51.8	51.8
	2 Female	34783	48.2	48.2	100.0
	Total	72210	100.0	100.0	

<b>race4_1920 Race and ethnicity distribution of the child population</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Hispanic	9317	12.9	12.9	12.9
	2 White, non-Hispanic	48657	67.4	67.4	80.3
	3 Black, non-Hispanic	4817	6.7	6.7	87.0
	4 Other/Multi-racial, non-Hispanic	9419	13.0	13.0	100.0
	Total	72210	100.0	100.0	

<b>raceASIA_1920 Race and ethnicity distribution of the child population</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Hispanic	9317	12.9	12.9	12.9
	2 White, non-Hispanic	48657	67.4	67.4	80.3
	3 Black, non-Hispanic	4817	6.7	6.7	87.0
	4 Asian, non-Hispanic	3774	5.2	5.2	92.2
	5 Other/Multi-racial, non-Hispanic	5645	7.8	7.8	100.0
	Total	72210	100.0	100.0	

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

Race7_1920 Race and ethnicity distribution of the child population					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Hispanic	9317	12.9	12.9	12.9
	2 White, non-Hispanic	48657	67.4	67.4	80.3
	3 Black, non-Hispanic	4817	6.7	6.7	87.0
	4 Asian, non-Hispanic	3774	5.2	5.2	92.2
	5 Other/Multi-racial, non-Hispanic	449	.6	.6	92.8
	6 Native Hawaiian and Other Pacific Islander, non-Hispanic	198	.3	.3	93.1
	7 Multi-Race, non-Hispanic	4998	6.9	6.9	100.0
	Total	72210	100.0	100.0	

PrntNativity_1920 Generational status of the parents					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 All parents born in the U.S. (3rd or higher generation HH)	55026	76.2	77.3	77.3
	2.00 Any parent born outside of the U.S. (1st and 2nd generation HH)	12257	17.0	17.2	94.6
	3.00 Other (child born in United States, parents are not listed)	3856	5.3	5.4	100.0
	Total	71139	98.5	100.0	
Missing	99.00 Missing	1071	1.5		
Total		72210	100.0		

HHLanguage_1920 Primary language spoken in the household					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 English	66917	92.7	93.0	93.0
	2 Other than English	5000	6.9	7.0	100.0
	Total	71917	99.6	100.0	
Missing	99 Missing	293	.4		
Total		72210	100.0		

hisplang_1920 Primary household language for Hispanic children					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Hispanic children, non-English PHH language	2605	3.6	3.6	3.6
	2 Hispanic children, English PHH language	6588	9.1	9.2	12.8
	3 Non-Hispanic child	62724	86.9	87.2	100.0
	Total	71917	99.6	100.0	
Missing	99 Missing to any	293	.4		
Total		72210	100.0		

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures**

famstruct5_1920 Family structure of child's household					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Two parents, currently married	49384	68.4	70.1	70.1
	2 Two parents, not currently married	4378	6.1	6.2	76.3
	3 Single parent (mother or father)	13911	19.3	19.7	96.0
	4 Grandparent household	2120	2.9	3.0	99.0
	5 Other family type	679	.9	1.0	100.0
	Total	70472	97.6	100.0	
Missing	99 Missing	1738	2.4		
Total		72210	100.0		

povlev4_1920 Income based on federal poverty level status					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 0-99% FPL	8644	12.0	12.0	12.0
	2 100-199% FPL	12087	16.7	16.7	28.7
	3 200-399% FPL	22336	30.9	30.9	59.6
	4 400% FPL or greater	29143	40.4	40.4	100.0
	Total	72210	100.0	100.0	

povSCHIP_1920 Income level of child's household based on SCHIP					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 0-199% FPL	20731	28.7	28.7	28.7
	2 200-299% FPL	11703	16.2	16.2	44.9
	3 300-399% FPL	10633	14.7	14.7	59.6
	4 400% FPL or greater	29143	40.4	40.4	100.0
	Total	72210	100.0	100.0	

AdultEduc_1920 Highest level of education of any adult in the household					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Less than high school	1854	2.6	2.6	2.6
	2 High school or GED	9469	13.1	13.1	15.7
	3 Some college or technical school	16518	22.9	22.9	38.6
	4 College degree or higher	44369	61.4	61.4	100.0
	Total	72210	100.0	100.0	

## Appendix A: Unweighted Frequency Tables – Child and Family Health Measures

<b>BornUSA_1920 Children who were born in the United States</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Children were born in U.S.	69259	95.9	96.7	96.7
	2.00 Children were born outside of U.S.	2338	3.2	3.3	100.0
	Total	71597	99.2	100.0	
Missing	99.00 Missing	613	.8		
Total		72210	100.0		

<b>FamCount_1920 Number of family members in the child's household</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 1 or 2 people	4775	6.6	6.8	6.8
	2.00 3 people	21460	29.7	30.6	37.5
	3.00 4 people	26740	37.0	38.2	75.7
	4.00 5 people	11871	16.4	17.0	92.6
	5.00 6 or more people	5180	7.2	7.4	100.0
	Total	70026	97.0	100.0	
Missing	99.00 Missing	2184	3.0		
Total		72210	100.0		

<b>MilitarySt_1920 Military status of adult(s) in the household</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 At least one caregiver is on active duty	960	1.3	1.4	1.4
	2 At least one caregiver was on active duty in the past, but is not on active duty now	5991	8.3	8.5	9.9
	3 At least one caregiver was only on active duty during Reserve or National Guard training	1154	1.6	1.6	11.5
	4 Neither caregiver has ever served in the military	62124	86.0	88.5	100.0
	Total	70229	97.3	100.0	
Missing	99 Missing	1981	2.7		
Total		72210	100.0		

## **Appendix B: Unweighted Frequency Tables**

### **Title V MCH Block Grant Measures – National Performance and Outcome Measures**



## **National Performance Measures**

**npm6DSc\_1920 National Performance Measure 6: Percent of children, ages 9 through 35 months, who received a developmental screening using a parent-completed screening tool in the past year**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Parent completed developmental screening	2818	3.9	40.0	40.0
	2 Parent did not complete developmental screening	4227	5.9	60.0	100.0
	Total	7045	9.8	100.0	
Missing	90 Children age 6-17 years	51895	71.9		
	95 Children age 0-8 months or 3-5 years	13184	18.3		
	99 Missing	86	.1		
	Total	65165	90.2		
Total		72210	100.0		

**npm8PhAc6to11\_1920 National Performance Measure 8.1: Percent of children, ages 6 through 11, who are physically active at least 60 minutes per day**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 0 days	1270	1.8	5.8	5.8
	2 1-3 days	8198	11.4	37.5	43.3
	3 4-6 days	6346	8.8	29.0	72.3
	4 Everyday	6048	8.4	27.7	100.0
	Total	21862	30.3	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	95 Children age 12-17 years	29769	41.2		
	99 Missing	264	.4		
	Total	50348	69.7		
Total		72210	100.0		

**npm8PhAc12to17\_1920 National Performance Measure 8.2: Percent of adolescents, age 12-17 years, who are physically active at least 60 minutes per day**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 0 days	3988	5.5	13.6	13.6
	2 1-3 days	12495	17.3	42.5	56.1
	3 4-6 days	8344	11.6	28.4	84.5
	4 Everyday	4542	6.3	15.5	100.0
	Total	29369	40.7	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	95 Children age 6-11 years	22126	30.6		
	99 Missing	400	.6		
	Total	42841	59.3		
Total		72210	100.0		

**Appendix B: Unweighted Frequency Tables – Title V Services Block Grant Measures**

<b>npm9bullied_1920 National Performance Measure 9: Percent of adolescents, age 12-17 years, who are bullied</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never bullied	18107	25.1	61.8	61.8
	2 Bullied	11178	15.5	38.2	100.0
	Total	29285	40.6	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	95 Children age 6-11 years	22126	30.6		
	99 Missing	484	.7		
	Total	42925	59.4		
Total		72210	100.0		

<b>npm9bully_1920 National Performance Measure 9: Percent of adolescents, age 12-17 years, who bully others</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never bullied other in the past 12 months	24995	34.6	85.3	85.3
	2 Bullied others in the past 12 months	4294	5.9	14.7	100.0
	Total	29289	40.6	100.0	
Missing	90 Children age 0-5 years	20315	28.1		
	95 Children age 6-11 years	22126	30.6		
	99 Missing	480	.7		
	Total	42921	59.4		
Total		72210	100.0		

<b>npm10PrVi_1920 National Performance Measure 10: Percent of adolescents, age 12-17 years, with a preventive medical visit in the past year</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 One or more preventive visits	23155	32.1	78.2	78.2
	2 No preventive care visits	6463	9.0	21.8	100.0
	Total	29618	41.0	100.0	
Missing	95 Children age 0-11 years	42441	58.8		
	99 Missing	151	.2		
	Total	42592	59.0		
Total		72210	100.0		

**Appendix B: Unweighted Frequency Tables – Title V Services Block Grant Measures**

<b>npm11MHCSHCN_1920 National Performance Measure 11: Percent of children with special health care needs, ages 0 through 17, who have a medical home</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Care MEETS medical home criteria	8096	11.2	47.5	47.5
	2 Care DOES NOT meet medical home criteria	8956	12.4	52.5	100.0
	Total	17052	23.6	100.0	
Missing	95 Non-CSHCN	55145	76.4		
	99 Missing to any	13	.0		
	Total	55158	76.4		
Total		72210	100.0		

<b>npm11MHnonCSHCN_1920 National Performance Measure 11: Percent of children without special health care needs, ages 0 through 17, who have a medical home</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Care MEETS medical home criteria	30120	41.7	54.7	54.7
	2 Care DOES NOT meet medical home criteria	24960	34.6	45.3	100.0
	Total	55080	76.3	100.0	
Missing	95 CSHCN	17065	23.6		
	99 Missing to any	65	.1		
	Total	17130	23.7		
Total		72210	100.0		

<b>npm12TransCSHCN_1920 National Performance Measure 12: Percent of adolescents with special health care needs, ages 12 through 17, who received services necessary to make transitions to adult health care</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received services necessary for transition to adult health care	2200	3.0	24.7	24.7
	2 Did not receive services necessary for transition to adult health care	6720	9.3	75.3	100.0
	Total	8920	12.4	100.0	
Missing	90 Children age 0-11 years	42441	58.8		
	95 Non-CSHCN age 12-17 years	20803	28.8		
	99 Missing to any	46	.1		
	Total	63290	87.6		
Total		72210	100.0		

**Appendix B: Unweighted Frequency Tables – Title V Services Block Grant Measures**

<b>npm12TransNonCSHCN_1920 National Performance Measure 12: Percent of adolescents without special health care needs, ages 12 through 17, who received services necessary to make transitions to adult health care</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received services necessary for transition to adult health care	4506	6.2	21.8	21.8
	2 Did not receive services necessary for transition to adult health care	16196	22.4	78.2	100.0
	Total	20702	28.7	100.0	
Missing	90 Children age 0-11 years	42441	58.8		
	95 CSHCN age 12-17 years	8966	12.4		
	99 Missing to any	101	.1		
	Total	51508	71.3		
Total		72210	100.0		

<b>npm13_2DePrev_1920 National Performance Measure 13.2: Percent of children, age 1-17 years, who had a preventive dental visit in the past year</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 One or more dental preventive visits	56857	78.7	81.8	81.8
	2 No preventive dental visits	12650	17.5	18.2	100.0
	Total	69507	96.3	100.0	
Missing	95 Children less than 1 year old	2330	3.2		
	99 Missing	373	.5		
	Total	2703	3.7		
	Total	72210	100.0		

<b>npm14_2Smoke_1920 National Performance Measure 14.2: Percent of children, ages 0 through 17, who live in households where someone smokes</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	9598	13.3	13.6	13.6
	2 No	61067	84.6	86.4	100.0
	Total	70665	97.9	100.0	
Missing	99 Missing	1545	2.1		
Total		72210	100.0		

**Appendix B: Unweighted Frequency Tables – Title V Services Block Grant Measures**

<b>npm15AdIns_1920 National Performance Measure 15: Percent of children, ages 0 through 17, who are continuously and adequately insured</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Current insurance is adequate and continuously insured in past year	47844	66.3	66.5	66.5
	2 Current insurance is inadequate and/or had gap in insurance coverage in past year	24085	33.4	33.5	100.0
	Total	71929	99.6	100.0	
Missing	99 Missing to both questions	281	.4		
Total		72210	100.0		

## National Outcome Measures

<b>nom14TThDec_1920 National Outcome Measure 14: Percent of children, ages 1 through 17, who had decayed teeth or cavities in the past year</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes, tooth decay or cavities	7023	9.7	10.1	10.1
	2 No tooth decay or cavities	62644	86.8	89.9	100.0
	Total	69667	96.5	100.0	
Missing	95 Children age <1 year	2330	3.2		
	99 Missing	213	.3		
	Total	2543	3.5		
Total		72210	100.0		

<b>nom17_1CSHCN_1920 National Outcome Measure 17.1: Percent of children with special health care needs (CSHCN), ages 0 through 17</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 CSHCN	17065	23.6	23.6	23.6
	2 Non-CSHCN	55145	76.4	76.4	100.0
	Total	72210	100.0	100.0	

<b>nom17_2sysCSHCN_1920 National Performance Measure 17.2: Percent of children with special health care needs (CSHCN), ages 0 through 17, who receive care in a well-functioning system</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Receive care in a well-functioning system	2690	3.7	15.8	15.8
	2.00 Do not receive care in a well-functioning system	14368	19.9	84.2	100.0
	Total	17058	23.6	100.0	
Missing	95.00 Non-CSHCN	55145	76.4		
	99.00 Missing	7	.0		
	Total	55152	76.4		
Total		72210	100.0		

<b>nom17_3ASD_1920 National Outcome Measure 17.3: Percent of children, ages 3 through 17, diagnosed with an autism spectrum disorder</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Currently has condition	1966	2.7	3.1	3.1
	2 Ever told, but does not currently have condition	108	.1	.2	3.3
	3 Does not have condition	61018	84.5	96.7	100.0
	Total	63092	87.4	100.0	
Missing	95 Children age 0-2 years	8846	12.3		
	99 Missing	272	.4		
	Total	9118	12.6		
Total		72210	100.0		

**Appendix B: Unweighted Frequency Tables – Title V Services Block Grant Measures**

<b>nom17_4ADHD_1920 National Outcome Measure 17.4: Percent of children, age 3-17 years, diagnosed with Attention Deficit Disorder/Attention Deficit Hyperactivity Disorder (ADD/ADHD)</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Currently has condition	6619	9.2	10.5	10.5
	2 Ever told, but does not currently have condition	556	.8	.9	11.4
	3 Does not have condition	55698	77.1	88.6	100.0
	Total	62873	87.1	100.0	
Missing	95 Children age 0-2 years	8846	12.3		
	99 Missing	491	.7		
	Total	9337	12.9		
Total		72210	100.0		

<b>nom18MHlth_1920 National Outcome Measure 18: Percent of children, age 3-17 years, with a mental/behavioral condition who receive treatment or counseling</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received treatment	5629	7.8	54.9	54.9
	2 Needed treatment, did not receive it	4632	6.4	45.1	100.0
	Total	10261	14.2	100.0	
Missing	95 Children age 0-2 years/Do not have any of 3 conditions	61641	85.4		
	99 Missing	308	.4		
	Total	61949	85.8		
Total		72210	100.0		

<b>nom19ChHSt_1920 National Outcome Measure 19: Percent of children, ages 0 through 17, in excellent or very good health</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent or very good	66126	91.6	91.7	91.7
	2 Good	5048	7.0	7.0	98.7
	3 Fair or poor	904	1.3	1.3	100.0
	Total	72078	99.8	100.0	
Missing	99 Missing	132	.2		
Total		72210	100.0		

**Appendix B: Unweighted Frequency Tables – Title V Services Block Grant Measures**

<b>nom20obese_1920 National Outcome Measure 20: Percent of children, age 10-17 years, who are obese (BMI at or above the 95th percentile)</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Underweight (less than 5th percentile)	2275	3.2	6.2	6.2
	2 Normal weight (5th to 84th percentile)	23780	32.9	65.1	71.4
	3 Overweight (85th to 94th percentile)	5409	7.5	14.8	86.2
	4 Obese (95th percentile or above)	5048	7.0	13.8	100.0
	Total	36512	50.6	100.0	
Missing	90 Children age 0-9 years	34436	47.7		
	99 Missing	1262	1.7		
	Total	35698	49.4		
Total		72210	100.0		

<b>nom25ForgoneHC_1920 National Outcome Measure 25: Percent of children, ages 0 through 17, who were not able to obtain needed health care in the last year</b>					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Needed care, but did not receive	2255	3.1	3.1	3.1
	2.00 Received needed care	69704	96.5	96.5	99.7
	99.00 Missing	251	.3	.3	100.0
	Total	72210	100.0	100.0	

## **Appendix C:** **Methods Notes on Imputation of Missing Values**

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### **Household Income Missing Values**



## **Methods Notes on Imputation of Missing Values**

In the 2019-2020 NSCH, income, household count, and respondent education variables were multiply imputed and the first implicates of these variables along with the single imputed variables for child's sex, race and Hispanic origin are included in the public use file.

### **Missing or Invalid Responses to Income Questions**

The 2019-2020 NSCH offers a rich source of data for studying the relationships between income and health, and for monitoring health and health care for children at different income levels. However, as is common for household interview surveys, item non-response was higher for the NSCH question on total combined household income during the previous calendar year as compared to other survey items. Answers to this question, along with answers to a question about the number of people living in the child's household, are used to create an index of income relative to the Department of Health and Human Services Federal Poverty Guidelines (FPL). If a valid response was not obtained for either of these two components, the household poverty status indicator was assigned a missing value code. In 2019, 17.6% of completed topical questionnaires had missing values for FPL; in 2020, this was 19.7%.

### **Adjusting for Item Non-response**

Imputation is one commonly used method for handling non-response data in a survey and is typically used when missing or invalid responses exceed five percent of the total sample. In simplified terms, imputation of missing data is achieved by comparing characteristics of respondents who provided a valid response to a specified item with similar characteristics of the respondents who did not provide a valid response, as a basis for selection of a probable response value for each of the specified item non-respondents. The U.S. Census Bureau used hot-deck imputation for race, ethnicity and sex variables. Total family income, household count, and Adult 1 education were imputed using regression imputation methods.

The U.S. Census Bureau's 2019 and 2020 NSCH topical public use file contains all six imputed FPL (FPL\_I1-FPL\_I6) variables.

The income (federal poverty level) variables ("povlev4\_1920" and "povSCHIP\_1920") in the DRC 2019-2020 two years combined NSCH dataset were generated using a single imputation value from the 2019 and 2020 NSCH Topical public use data file provided by the U.S. Census Bureau (FPL\_I1). Using single imputation for poverty level tends to underestimate standard errors because it doesn't take into account the inherent uncertainty resulting from lack of knowledge about the true (unobserved) value as happens when multiple imputed values are used. On the other hand, using a single imputed poverty level is more productive than excluding cases with missing income data from analyses. If desired, the variable "FPL\_IF" may be used to identify records containing imputed FPL values.

Additional information about imputation for the NSCH may be found at: <https://www.census.gov/programs-surveys/nsch/technical-documentation/methodology.html> and <https://www2.census.gov/programs-surveys/nsch/technical-documentation/NSCH-Analysis-with-Imputed-Data-Guide.pdf>.

SAS and Stata data files with imputed FPL estimates can be downloaded from the [U.S. Census Bureau's website](#).