



# 2018-2019 National Survey of Children's Health (Combined 2-year data set)

## STATA CODEBOOK FOR DATA USERS: Child and Family Health Measures, National Performance and Outcome Measures, and Subgroups

Version 1.0: February 2021



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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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We further recognize the U.S. Census Bureau for their important, collaborative role in collecting the data.

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.

Lastly, we would like to thank the many researchers who sought CAHMI's assistance in replicating DRC measures for their own analyses. Their experiences and observations have been very helpful to us in formulating these measure development methods and the supplemental content in this codebook.



# INTRODUCTION

## Purpose of the 2018-2019 NSCH STATA Codebook

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This codebook contains documentation and STATA 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 2018-2019 (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 2018-2019 NSCH Data Set, which includes all of the measures and subgroup variables listed herein. The data set is available free of charge, using the “Request a Data Set” feature on the [DRC website](#).

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

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The DRC is a national center assisting in the design, development, documentation, and public dissemination of user-friendly information about, data findings on, and data sets 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

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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 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; and
- 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 mail- (paper) based instruments as opposed to the random digit dial approach used previously. In addition, starting in 2016, the NSCH is being fielded annually.

The 2018 NSCH was conducted from June 2018 to January 2019. The 2019 NSCH was conducted from June 2019 through January 2020. A total of 59,963 surveys were completed nationally by parents/caregivers of children and youth for the 2018-2019 combined NSCH. The 2018-2019 combined data set contains approximately 1,176 surveys per state (state range: 1,021 to 1,420). For the 2018 survey, 30,530 surveys were completed, ranging from 520 to 769 in each state; in 2019, 29,433 surveys were completed with the state range from 474 to 651. Survey data are 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 2018, 77.9% of respondents completed the survey online and 22.1% completed using the paper instrument. A simple visual diagram for the survey sampling and administration is available on the [DRC website](#). More detailed information about the sampling and administration of the survey is available in the NSCH Methodology Reports ([2018 and 2019](#)).

***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 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 2019 National Survey of Children’s Health as compared to the 2018 NSCH” and a crosswalk of survey items across 2016-2019 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 2018 and 2019 NSCH, along with the Methodology Report and other relevant background information and documentation are located on the [US Census Bureau website](#) and on the [HRSA’s MCHB website](#).

## Important Information Regarding the 2018-2019 (two years combined) NSCH Data

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### ***Combined data set***

A combined data set is one where two or more data sets from individual survey rounds (in this case, the 2018 and 2019 NSCH) are combined into one data set. The 2018 and 2019 NSCH data files were appended using a unique household identifier (HHID). Only items that are the same across both data sets are included in the DRC-produced combined data set. Information on how to combine the data sets

and weight adjustments is available in the [Guide to Analysis of Multi-Year NSCH Data](#) provided by the US Census Bureau.

### ***Weighting***

Each record in the individual 2018 and 2019 NSCH public release data sets is assigned a single sampling weight (variable name FWC, which is not included in the combined data set for data analysis accuracy purposes). In the combined 2018-2019 data set, each individual survey weight has been divided by two (FWC/2). The combined data set provided by CAHMI's DRC includes the adjusted weight variable "fwc\_1819".

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 [2018](#) and [2019](#) National Survey of Children's Health Methodology Reports and Source and Accuracy Statements (2018 and 2019), and [Guide to Analysis of Multi-Year NSCH Data](#) published by the US 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, STATA Complex Samples and R with the separate survey package.

**The survey sampling plan should be set up as follows:**

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

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

**Weight:** fwc\_1819

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 US Census Bureau.

Example code for STATA is as follows:

```
egen STRATACROSS = group(FIPSST STRATUM)
svyset [pw=fwc_1718], psu(HHID) strata(STRATACROSS)
local varlist age3_1819
foreach var of local varlist {
  tab `var'
} /*close loop*/
```

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 2018-2019 NSCH data set (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 US 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 US **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, HI, ID, IA, KS, ME, MA, MN, MT, NE, NH, NM, ND, OH, OR, RI, SD, UT, VT, WA, WV, WI, WY in 2018; in addition CT, OK in 2019, not OH, RI in 2019.
- **Asian:** AL, AZ, AR, CO, DC, FL, ID, IN, IA, KS, KY, LA, ME, MI, MN, MS, MO, MT, NE, NH, NM, NC, ND, OH, OK, OR, PA, RI, SC, SD, TN, UT, VT, WV, WI, WY in 2018; not MN in 2019

- **Hispanic Origin:** AL, ME, MI, MN, MT, NH, ND, SD, VT, WV in 2018; in addition KY, MS, MO in 2019, not MN, MT, NH in 2019.

### *Substate data availability*

The 2018 and 2019 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 US Census Bureau’s 2018 and 2019 National Survey of Children’s Health, Methodology Reports.

Zip code data are not released in the public use data set due to confidentiality restrictions. Confidential data from the survey are managed by the Research Data Center of the Census Bureau; information on how to access these data may be found on the US 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 (3.5% unweighted) of children age 10-17, nationwide (2018-2019 NSCH). An assessment of how missing values impact population count estimates is available on the [DRC website](#).

The STATA data files for the 2018-2019 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. STATA 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 15.3% (2018) and 17.6% (2019) missing values, which may result in biased estimates. Therefore, the missing values were imputed by the Census Bureau. The impact of missing values on population count estimates is available on the [DRC website](#). The 2018 and 2019 NSCH topical public use files provided by the 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 2018 and 2019 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\_1819 in the DRC NSCH combined data set was generated using a **single imputation value** from the 2018 and 2019 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 data set for users who wish to estimate poverty level with multiple imputation.

Additional information about the multiple imputation can be found on the [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 2018-2019 combined data set is available in the compressed folder you have downloaded from the [DRC website](#).

# 2018-2019 Combined National Survey of Children's Health

## Child and Family Health Measures

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*Physical, Oral Health and Functional Status*

|   |  |
|---|--|
| <b>Indicator 1.1</b>  | <b>Health status (ChHlthSt_1819)</b>   |
| <b>Description</b>  | In general, how would you describe this child's 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<br>Variable in public use data file: K2Q01 |
| <b>Denominator</b>  | Children age 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 item or measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre> gen ChHlthSt_1819 =. replace ChHlthSt_1819 = 1 if k2q01 == 1 replace ChHlthSt_1819 = 1 if k2q01 == 2 replace ChHlthSt_1819 = 2 if k2q01 == 3 replace ChHlthSt_1819 = 3 if k2q01 == 4 replace ChHlthSt_1819 = 3 if k2q01 == 5 replace ChHlthSt_1819 = 99 if k2q01 ==.m label var ChHlthSt_1819 "Indicator 1.1: Children's overall health status"  #delimit ; label define ChH1thSt 1 "Excellent or very good" 2 "Good" 3 "Fair or Poor" 99 "Missing" ; #delimit cr  label values ChHlthSt_1819 ChH1thSt                     </pre> |  |

|  |  |
|--|--|
| <b>Indicator 1.2</b>   | <b>Condition of teeth, age 1-17 years (TeethCond_1819)</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<br>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.  |  |
| <b>Revisions and Changes</b>   |  |
| There have been no substantive changes to this measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen TeethCond_1819 =. replace TeethCond_1819 = 1 if k2q01_d ==1   k2q01_d ==2 replace TeethCond_1819 = 2 if k2q01_d ==3 replace TeethCond_1819 = 3 if k2q01_d ==4   k2q01_d ==5 replace TeethCond_1819 = 99 if k2q01_d ==.m replace TeethCond_1819 = 95 if sc_age_years &lt; 1   k2q01_d ==6 label var TeethCond_1819 "Indicator 1.2: Overall condition of children's teeth, age 1-17 years"  #delimit ; label define TeethCond 1 "Excellent or very good" 2 "Good" 3 "Fair or Poor" 95 "Children &lt; 1 year/ with no teeth" 99 "Missing" ;#delimit cr label values TeethCond_1819 TeethCond </pre> |  |

|   |   |
|---|---|
| <b>Indicator 1.2a</b>   | <b>Oral health problems, age 1-17 years (OralProb_1819)</b>   |
| <b>Description</b>  | 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?  |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: A4g-i; for children 6-11 years: A6e-g; for children 12-17 years: A6e-g<br>Variables in public use data file: TOOTHACHES; GUMBLEED; CAVITIES |
| <b>Denominator</b>  | Children age 1-17 years   |
| <b>Numerator/Response Categories</b>  | One or more oral health problems; No oral health problems   |
| <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>STATA Syntax and Annotation</b>  |   |
| <pre> gen toothache_1819 = . replace toothache_1819 = 99 if toothaches == .m replace toothache_1819 = 1 if toothaches == 1 replace toothache_1819 = 2 if toothaches == 2 replace toothache_1819 = 95 if sc_age_years &lt; 1 label var toothache_1819 "Children who had toothaches during the past 12 months, age 1-17 years"  #delimit ; label define toothache 1 "Yes" 2 "No" 95 "Children age less than 1 year" 99 "Missing" ;#delimit cr label values toothache_1819 toothache  gen gumbleed_1819 = . replace gumbleed_1819 = 99 if gumbleed == .m replace gumbleed_1819 = 1 if gumbleed == 1 replace gumbleed_1819 = 2 if gumbleed == 2 replace gumbleed_1819 = 95 if sc_age_years &lt; 1 label var gumbleed_1819 "Children who had bleeding gums during the past 12 months, age 1-17 years"  #delimit ; label define gumbleed 1 "Yes" </pre> |   |

```

2 "No"
95 "Children age less than 1 year"
99 "Missing"
;#delimit cr
label values gumbleed_1819 gumbleed

gen cavities_1819 =.
replace cavities_1819 = 99 if cavities == .m
replace cavities_1819 = 1 if cavities == 1
replace cavities_1819 = 2 if cavities == 2
replace cavities_1819 = 95 if sc_age_years < 1
label var cavities_1819 "Children who had decayed teeth or cavities in the past 12 months, age 1-17 years"

#delimit ;
label define cavities
1 "Yes"
2 "No"
95 "Children age less than 1 year"
99 "Missing"
;#delimit cr
label values cavities_1819 cavities

gen OralProb_1819 =.
replace OralProb_1819 = 99 if toothaches == (.m) | gumbleed == (.m) | cavities == (.m)
replace OralProb_1819 = 2 if toothaches == (2) | gumbleed == (2) | cavities == (2)
replace OralProb_1819 = 1 if toothaches == (1) | gumbleed == (1) | cavities == (1)
replace OralProb_1819 = 95 if sc_age_years < 1
label var OralProb_1819 "Indicator 1.2a: Oral health problems, age 1-17 years"

#delimit ;
label define OralProb
1 "One or more oral health problems"
2 "No oral health problems"
95 "Children age less than 1 year"
99 "Missing"
;#delimit cr
label values OralProb_1819 OralProb

```

|  |  |
|--|--|
| <b>Indicator 1.3</b>   | <b>Breastfed ever, age 0-5 years (BrstEver_1819)</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: B4(2018), B5(2019)<br>Variable name 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 measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen BrstEver_1819 = k6q40 replace BrstEver_1819 =95 if sc_age_years &gt;5 replace BrstEver_1819 =99 if k6q40 ==.m label var BrstEver_1819 "Indicator 1.3: Breastfed ever, age 0-5 years"  #delimit ; label define BrstEver 1 "Yes" 2 "No" 95 "Children age 6-17 years" 99 "Missing" ;#delimit cr  label values BrstEver_1819 BrstEver </pre> |  |

|  |   |
|--|---|
| <b>Indicator 1.3a</b>  | <b>Exclusively breastfed, age 6 months-5 years (ExBrstFd_1819)</b>  |
| <b>Description</b>   | Was this child exclusively breastfed for 6 months, age 6 months-5 years?  |
| <b>Survey Items Used</b>   | Survey instrument item number for children age 0-5 years: B4-B7(2018), B5-B8(2019);<br>Variables in public use data file: K6Q40; BREASTFEDEND_MO_S; FRSTFORMULA_MO_S; FRSTSOLIDS_MO_S; K6Q41R_STILL; K6Q42R_NEVER; K6Q43R_NEVER |
| <b>Denominator</b>   | Children age 6 months - 5 years   |
| <b>Numerator/Response Categories</b>   | Never breastfed or given breast milk; Exclusively breastfed for the 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 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 measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre>gen BrstStop_1819 =. replace BrstStop_1819 = 1 if k6q40 ==2 replace BrstStop_1819 = 2 if breastfedend_mo_s&lt;6 replace BrstStop_1819 = 3 if breastfedend_mo_s&gt;= 6 &amp; breastfedend_mo_s&lt;= 30   k6q41r_still ==1 replace BrstStop_1819 = 99 if breastfedend_mo_s==.m replace BrstStop_1819 = 95 if sc_age_years &gt;5 label var BrstStop_1819 "Age in months when stopped breastfeeding"  #delimit ; label define BrstStop 1 "Never Breastfed" 2 "Less than 6 months" 3 "6 months or longer or still breastfeeding" 95 "Children age 6-17 years" 99 "Missing" ;#delimit cr label values BrstStop_1819 BrstStop</pre>  |   |



```

gen FedForm_1819 =.
replace FedForm_1819 =1 if frstformula_mo_s <6
replace FedForm_1819 =2 if frstformula_mo_s >=6
replace FedForm_1819 =2 if k6q42r_never ==1
replace FedForm_1819 =99 if frstformula_mo_s ==.m
replace FedForm_1819 =95 if sc_age_years >5
label var FedForm_1819 "Age in months when first fed formula"

#delimit ;
label define FedForm
1 "Earlier than 6 months"
2 "6 months or after or never fed formula"
95 "Children age 6-17 years"
99 "Missing to all"
;#delimit cr
label values FedForm_1819 FedForm

gen FedOther_1819 =.
replace FedOther_1819 =1 if frstsolids_mo_s <6
replace FedOther_1819 =2 if frstsolids_mo_s >=6
replace FedOther_1819 =2 if k6q43r_never ==1
replace FedOther_1819 =99 if frstsolids_mo_s ==.m
replace FedOther_1819 =95 if sc_age_years >5
label var FedOther_1819 "Age in months when first fed other food"

#delimit ;
label define FedOther
1 "Earlier than 6 months"
2 "6 months or after or never fed other food"
95 "Children age 6-17 years"
99 "Missing"
;#delimit cr
label values FedOther_1819 FedOther

gen ExBrstfd_1819 =.
replace ExBrstfd_1819 =1 if k6q40 ==2
replace ExBrstfd_1819 =2 if missing(ExBrstfd_1819) & (BrstStop_1819 ==3 & FedForm_1819 ==2 &
FedOther_1819 ==2)
replace ExBrstfd_1819 =3 if missing(ExBrstfd_1819) & (BrstStop_1819 ==2 | FedForm_1819 ==1 |
FedOther_1819 ==1)
replace ExBrstfd_1819 =4 if missing(ExBrstfd_1819) & (k6q40 ==1 & (ExBrstfd_1819 !=2 | ExBrstfd_1819
!=3))
replace ExBrstfd_1819 =99 if k6q40 ==.m
replace ExBrstfd_1819 =90 if sc_age_lt6 ==1
replace ExBrstfd_1819 =95 if sc_age_years >5

label var ExBrstfd_1819 "Indicator 1.3a: Exclusively breastfed for first 6 months, age 6 months-5 years"

#delimit ;

```

```
label define ExBrstfd
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"
90 "Children less than 6 months"
95 "Children age 6-17 years"
99 "Missing"
;#delimit cr
label values ExBrstfd_1819 ExBrstfd
```

|   |  |
|---|--|
| <b>Indicator 1.4</b>  | <b>Weight status (BMI) in 4 categories, age 10-17 years (BMI4_1819)</b>  |
| <b>Description</b>  | What is the weight status of this child based on Body Mass Index (BMI)-for-age, age 10-17 years?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 10-11 years: C4,C5; for children 12-17 years: C5,C6<br>Variable name in public use file: BMICLASS           |
| <b>Denominator</b>  | Children age 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.</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 measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen BMI4_1819 = bmiclass replace BMI4_1819 = 95 if sc_age_years &lt;10 replace BMI4_1819 = 99 if bmiclass == .m label var BMI4_1819 "Indicator 1.4: Weight status (BMI) in 4 categories, age 10-17 years"  #delimit ; label define BMI4 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)" 95 "Children age 0-9 years"</pre>  |  |

99 "Missing"  
;#delimit cr

|   |  |
|---|--|
| <b>Indicator 1.4a</b>   | <b>Weight status (BMI) in 3 categories, age 10-17 years (BMI3_1819)</b>  |
| <b>Description</b>  | Is this child currently overweight or obese, based on Body Mass Index (BMI)-for-age, age 10-17 years?  |
| <b>Survey Items Used</b>  | Survey instrument item number for children for children 10-11 years: C4,C5; for children 12-17 years: C5,C6<br>Variable in public use file: BMICLASS |
| <b>Denominator</b>  | Children age 10-17 years   |
| <b>Numerator/Response Categories</b>  | 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 measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen BMI3_1819 = replace BMI3_1819 = 99 if bmiclass == (.m) replace BMI3_1819 = 1 if bmiclass == 1 replace BMI3_1819 = 2 if bmiclass == 2 replace BMI3_1819 = 3 if bmiclass == (3)   bmiclass == (4) replace BMI3_1819 = 95 if sc_age_years &lt; 10 label var BMI3_1819 "Indicator 1.4a: Weight status (BMI) in 3 categories, age 10-17 years"  #delimit ; label define BMI3 1 "Underweight (less than 5th percentile)" 2 "Healthy weight (5th to 84th percentile)" 3 "Overweight or obese (85th percentile or above)"</pre>  |  |

```
95 "Children age less than 1 year"  
99 "Missing"  
;#delimit cr  
label values BMI3_1819 BMI390 "Children age 0-9 years".  
MISSING VALUES BMI3_1819(90,99).  
EXECUTE.  
90 "Children age 0-9 years".  
MISSING VALUES BMI3_1819(90,99).  
EXECUTE.
```

|  |  |
|--|--|
| <b>Indicator 1.4b</b>  | <b>Ever told that child is overweight (ToldOverweight_1819)</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 for children 10-11 years: C4,C5; for children 12-17 years: C5,C6<br>Variable in public use file: BMICLASS |
| <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>   |  |
| The item was added in 2017. There have been no substantive changes to this item since 2017.  |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre>gen ToldOverweight_1819 = . replace ToldOverweight_1819 = 99 if overweight== (.m) replace ToldOverweight_1819 = 1 if overweight == 1 replace ToldOverweight_1819 = 2 if overweight == 2 label var ToldOverweight_1819 "Indicator 1.4b: Children who were told that they are overweight" #delimit ; label define ToldOverweight 1 "Yes" 2 "No" 99 "Missing" ;#delimit cr label values ToldOverweight_1819 ToldOverweight</pre> |  |

|   |  |
|---|--|
| <b>Indicator 1.5</b>  | <b>Physical activity, age 6-17 years (PhysAct_1819)</b>  |
| <b>Description</b>  | 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? |
| <b>Survey Items Used</b>  | Survey instrument item number for children 6-11 years: G6; for children 12-17 years: G6<br>Variable in public use data file: PHYSACTIV                     |
| <b>Denominator</b>  | Children age 6-17 years  |
| <b>Numerator/Response Categories</b>  | 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 measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre> gen PhysAct_1819 = physactiv replace PhysAct_1819 = 95 if sc_age_years &lt;6 replace PhysAct_1819 = 99 if physactiv == .m replace PhysAct_1819 = 1 if physactiv == 1 replace PhysAct_1819 = 2 if physactiv == 2 replace PhysAct_1819 = 3 if physactiv == 3 replace PhysAct_1819 = 4 if physactiv == 4 label var PhysAct_1819 "Indicator 1.5: Physical activity, age 6-17 years"  #delimit ; label define PhysAct 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Everyday" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values PhysAct_1819 PhysAct </pre> |  |



|   |  |
|---|--|
| <b>Indicator 1.6</b>  | <b>Concerns about current weight (WgtConcn_1819)</b>   |
| <b>Description</b>  | Are you concerned about this child’s weight?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: C6(2018), C4(2019); for children 6-11 years: C6; for children 12-17 years: C7<br>Variable in public use data file: WGTCONC |
| <b>Denominator</b>  | Children age 0-17 years  |
| <b>Numerator/Response Categories</b>  | Yes, concerned it is too high; Yes, concerned it is too low; No, not concerned   |
| <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>STATA Syntax and Annotation</b>  |  |
| <pre> gen WgtConcn_1819 = wgtconc replace WgtConcn_1819 = 99 if wgtconc == .m replace WgtConcn_1819 = 1 if wgtconc == 1 replace WgtConcn_1819 = 2 if wgtconc == 2 replace WgtConcn_1819 = 3 if wgtconc == 3 label var WgtConcn_1819 "Indicator 1.6: Parental concern about their children's weight"  #delimit ; label define WgtConcn 1 "Yes, concerned it is too high" 2 "Yes, concerned it is too low" 3 "No, not concerned" 99 "Missing" ;#delimit cr label values WgtConcn_1819 WgtConcn </pre> |  |

|   |  |
|---|--|
| <b>Indicator 1.7</b>  | <b>Low birth weight (LowBWght_1819)</b>  |
| <b>Description</b>  | Was this child born with a low birth weight, that is, he or she weighed less than 2500 grams at birth?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: B2 (2018), B3 (2019); for children 6-11 years: B2 (2018), B3 (2019); for children 12-17 years: B2 (2018), B3 (2019)<br>Variable in public use data file: BIRTHWT_L |
| <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>   |  |
| <p>The public use data file provided by the 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.</p> |  |
| <b>Revisions and Changes</b>  |  |
| There have been no substantive changes to this measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen LowBWght_1819 = birthwt_l replace LowBWght_1819 = 99 if birthwt_l == .m replace LowBWght_1819 = 1 if birthwt_l == 1 replace LowBWght_1819 = 2 if birthwt_l == 2 label var LowBWght_1819 "Indicator 1.7: Low birth weight (&lt; 2500 grams at birth)"  #delimit ; label define LowBWght 1 "Child was born with low birth weight" 2 "Child did not have a low birth weight" 99 "Missing" ;#delimit cr label values LowBWght_1819 LowBWght</pre>  |  |

|   |   |
|---|---|
| <b>Indicator 1.7a</b>   | <b>Low or very low birth weight (VeryLBWght_1819)</b>   |
| <b>Description</b>  | Was this child born with a low birth weight, that is, he or she weighed less than 2500 grams at birth, or a very low birth weight, that is, less than 1500 grams?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: B2(2018), B3(2019); for children 6-11 years: B2(2018), B3(2019); for children 12-17 years: B2(2018), B3(2019)<br>Variable in public use data file: BIRTHWT_VL |
| <b>Denominator</b>  | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>  | Child was born with very low birth weight (<1500 g); Child was born with low birth weight (1500 - <2500 g); Child did not have a low birth weight   |
| <b>Notes for Data-Users</b>   |   |
| <p>The public use data file provided by the 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.</p> |   |
| <b>Revisions and Changes</b>  |   |
| There have been no substantive changes to this measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen VeryLBWght_1819 = birthwt replace VeryLBWght_1819 = 99 if birthwt == .m replace VeryLBWght_1819 = 1 if birthwt == 1 replace VeryLBWght_1819 = 2 if birthwt == 2 replace VeryLBWght_1819 = 3 if birthwt == 3 label var VeryLBWght_1819 "Indicator 1.7a: Low or very low birth weight (&lt;1500 grams at birth)"  #delimit ; label define VeryLBWght 1 "Born with very low birth weight (&lt;1500g)" 2 "Born with low birth weight (1500-2500g)" 3 "Not born with low birth weight" 99 "Missing" ;#delimit cr  label values VeryLBWght_1819 VeryLBWght</pre> |   |

|  |  |
|--|--|
| <b>Indicator 1.8</b>   | <b>Premature birth (BornPre_1819)</b>  |
| <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<br>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 measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen BornPre_1819 = birthwt replace BornPre_1819 = 99 if k2q05 == .m replace BornPre_1819 = 1 if k2q05 == 1 replace BornPre_1819 = 2 if k2q05 == 2 label var BornPre_1819 "Indicator 1.8: Premature birth (&gt;3 weeks before due date)"  #delimit ; label define BornPre 1 "Yes" 2 "No" 99 "Missing" ;#delimit cr label values BornPre_1819 BornPre </pre> |  |

|   |   |
|---|---|
| <b>Indicator 1.9</b>  | <b>One or more health conditions (Cond2more_1819)</b>   |
| <b>Description</b>  | Does this child have current or lifelong health conditions from a list of 27 (2018) or 26 (2019) conditions?  |
| <b>Survey Items Used</b>  | <p>Survey instrument item number for children 0-5 years: A5(a,b), A6-A28 (2018), A6-A27 (2019), A33(2018), A32(2019); for children 6-11 years: A7(d,e), A8-A31 (2018), A8-A30 (2019), A36 (2018), A35(2019); for children 12-17 years: A7(e,f); A8-A31 (2018), A8-A30 (2019), A36 (2018), A35(2019)</p> <p>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; K2Q34B; SUBABUSE; K2Q36A; K2Q36B; K2Q60A; K2Q60B; K2Q37A; K2Q37B; K2Q30A; K2Q30B; K2Q35A; K2Q35B; K2Q31A; K2Q31B; K2Q43B; BLINDNESS</p> |
| <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; Currently has 2 or more current or lifelong health conditions  |
| <b>Notes for Data-Users</b>   |   |
| <p>In 2018, 27 conditions were included in the scoring of this measure: allergies (food, drug, insect or other), arthritis, asthma, blood disorders (such as sickle cell disease, thalassemia, or hemophilia), brain injury/concussion/head injury, 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), substance use disorder (6-17 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), other mental health condition (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. In 2019, the question which asked about “other mental health conditions” was dropped; 26 conditions were included in 2019.</p> <p>This measure was derived from responses to two questions about each of 21 (2018) or 20 (2019) health conditions (excluding hearing problems, vision problems, blood disorders, cystic fibrosis, genetic/inherited conditions and Down Syndrome) asked in the survey: (a) whether they have 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. Children who have ever been told by a health care professional that they have blood disorders, cystic fibrosis, genetic or inherited conditions, or Down-Syndrome were included in scoring of the composite measure because the conditions are considered to be lifelong (current) conditions. Children were grouped according to the number of conditions they currently have: none, one, or two or more.</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>  |   |
| <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 etc. For additional information, see <a href="#">a crosswalk of survey items</a> across years.</p>  |   |

**STATA Syntax and Annotation**

```
gen allergies_1819 =.
replace allergies_1819 = 1 if allergies == 2
replace allergies_1819 = 2 if allergies == 1 & allergies_curr == 2
replace allergies_1819 = 3 if allergies == 1 & allergies_curr == 1
replace allergies_1819 = 99 if allergies_1819 ==.
label var allergies_1819 "Prevalence of current allergies including food, drug, insect, or other"
```

```
#delimit ;
label define allergies
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
99 "Missing"
;#delimit cr
label values allergies_1819 allergies
```

```
gen arthritis_1819 =.
replace arthritis_1819 = 1 if arthritis == 2
replace arthritis_1819 = 2 if arthritis == 1 & arthritis_curr == 2
replace arthritis_1819 = 3 if arthritis == 1 & arthritis_curr == 1
replace arthritis_1819 = 99 if arthritis_1819 ==.
label var arthritis_1819 "Children who currently have arthritis"
```

```
#delimit ;
label define arthritis
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
99 "Missing"
;#delimit cr
label values arthritis_1819 arthritis
```

```
gen asthma_1819 =.
replace asthma_1819 = 1 if k2q40a == 2
replace asthma_1819 = 2 if k2q40a == 1 & k2q40b == 2
replace asthma_1819 = 3 if k2q40a == 1 & k2q40b == 1
replace asthma_1819 = 99 if asthma_1819 ==.
label var asthma_1819 "Children who currently have asthma"
```

```
#delimit ;
label define asthma
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
99 "Missing"
;#delimit cr
```

```

label values asthma_1819 asthma

gen BloodScr_1819 =.
replace BloodScr_1819 = 1 if blood ==2
replace BloodScr_1819 = 2 if blood_screen == 2 & blood ==1
replace BloodScr_1819 = 3 if blood_screen == 1 & blood ==1
replace BloodScr_1819 = 99 if BloodScr_1819 ==.
label var BloodScr_1819 "Prevalence of blood disorders identified through a blood test"

#delimit ;
label define BloodScr
1 "Never had condition"
2 "Ever told, but not through a blood test"
3 "Ever told, identified through a blood test"
99 "Missing"
;#delimit cr
label values BloodScr_1819 BloodScr

gen BloodEver_1819 =.
replace BloodEver_1819 = 1 if blood ==2
replace BloodEver_1819 = 3 if blood ==1
replace BloodEver_1819 = 99 if BloodEver_1819 ==.
label var BloodEver_1819 "Chikdren who have blood disorders"

#delimit ;
label define BloodEver
1 "Never had condition"
3 "Ever told"
99 "Missing"
;#delimit cr
label values BloodEver_1819 BloodEver

gen BrainInj_1819 =.
replace BrainInj_1819 = 1 if k2q46a == 2
replace BrainInj_1819 = 2 if k2q46a == 1 & k2q46b == 2
replace BrainInj_1819 = 3 if k2q46a == 1 & k2q46b == 1
replace BrainInj_1819 = 99 if BrainInj_1819 ==.
label var BrainInj_1819 "Children who currently have brain injury, concussion, or head injury"

#delimit ;
label define BrainInj
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
99 "Missing"
;#delimit cr
label values BrainInj_1819 BrainInj

gen palsy_1819 =.

```

```

replace palsy_1819 = 1 if k2q61a == 2
replace palsy_1819 = 2 if k2q61a == 1 & k2q61b == 2
replace palsy_1819 = 3 if k2q61a == 1 & k2q61b == 1
replace palsy_1819 = 99 if palsy_1819 ==.
label var palsy_1819 "Children who currently have cerebral palsy"

```

```

#delimit ;
label define palsy
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
99 "Missing"
;#delimit cr
label values palsy_1819 palsy

```

```

gen CystFibEver_1819 =.

replace CystFibEver_1819 = 1 if cystfib ==2
replace CystFibEver_1819 = 3 if cystfib ==1
replace CystFibEver_1819 = 99 if CystFibEver_1819 ==.
label var CystFibEver_1819 "Children who have cystic fibrosis"

```

```

#delimit ;
label define CystFibEver
1 "Never had condition"
3 "Ever told"
99 "Missing"
;#delimit cr
label values CystFibEver_1819 CystFibEver

```

```

gen diabetes_1819 =.
replace diabetes_1819 = 1 if k2q41a == 2
replace diabetes_1819 = 2 if k2q41a == 1 & k2q41b == 2
replace diabetes_1819 = 3 if k2q41a == 1 & k2q41b == 1
replace diabetes_1819 = 99 if diabetes_1819 ==.

```

```

label var diabetes_1819 "Children who currently have diabetes"
#delimit ;
label define diabetes
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
99 "Missing"
;#delimit cr
label values diabetes_1819 diabetes

```

```

gen DownSynd_1819 =.
replace DownSynd_1819 = 1 if downsyn == 2
replace DownSynd_1819 = 3 if downsyn == 1

```



```

replace DownSynd_1819 = 3 if downsyn == 1
replace DownSynd_1819 = 99 if DownSynd_1819 ==.
label var DownSynd_1819 "Children who have Down Syndrome"

#delimit ;
label define DownSynd
1 "Never had condition"
3 "Ever told"
99 "Missing"
;#delimit cr
label values DownSynd_1819 DownSynd

gen seizure_1819 =.
replace seizure_1819 = 1 if k2q42a == 2
replace seizure_1819 = 2 if k2q42a == 1 & k2q42b == 2
replace seizure_1819 = 3 if k2q42a == 1 & k2q42b == 1
replace seizure_1819 = 99 if seizure_1819 ==.
label var seizure_1819 "Children who currently have epilepsy or seizure disorder"

#delimit ;
label define seizure
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
99 "Missing"
;#delimit cr
label values seizure_1819 seizure

gen GeneticScr_1819 =.
replace GeneticScr_1819 = 1 if genetic ==2
replace GeneticScr_1819 = 2 if genetic_screen == 2 & genetic ==1
replace GeneticScr_1819 = 3 if genetic_screen == 1 & genetic ==1
replace GeneticScr_1819 = 99 if GeneticScr_1819 ==.
label var GeneticScr_1819 "Prevalence of a genetic or inherited condition identified through a blood test"

#delimit ;
label define GeneticScr
1 "Never had condition"
2 "Ever told, but not through a blood test"
3 "Ever told, identified through a blood test"
99 "Missing"
;#delimit cr
label values GeneticScr_1819 GeneticScr

gen GeneticEver_1819 =.
replace GeneticEver_1819 = 1 if genetic ==2
replace GeneticEver_1819 = 3 if genetic ==1
replace GeneticEver_1819 = 99 if GeneticEver_1819 ==.
label var GeneticEver_1819 "Children who have a genetic or inherited condition"

```

```

#delimit ;
label define GeneticEver
1 "Never had condition"
3 "Ever told"
99 "Missing"
;#delimit cr
label values GeneticEver_1819 GeneticEver

gen heart_1819 =.
replace heart_1819 = 1 if heart == 2
replace heart_1819 = 2 if heart == 1 & heart_curr == 2
replace heart_1819 = 3 if heart == 1 & heart_curr == 1
replace heart_1819 = 99 if heart_1819 ==.
label var heart_1819 "Children who currently have a heart condition"

#delimit ;
label define heart
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
99 "Missing"
;#delimit cr
label values heart_1819 heart

gen headache_1819 =.
replace headache_1819 = 1 if headache == 2
replace headache_1819 = 2 if headache == 1 & headache_curr == 2
replace headache_1819 = 3 if headache == 1 & headache_curr == 1
replace headache_1819 = 95 if sc_age_years < 3
replace headache_1819 = 99 if headache_1819 ==.
label var headache_1819 "Prevalence of current frequent or severe headaches, age 3-17 years"

#delimit ;
label define headache
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values headache_1819 headache

gen tourette_1819 =.
replace tourette_1819 = 1 if k2q38a == 2
replace tourette_1819 = 2 if k2q38a == 1 & k2q38b == 2
replace tourette_1819 = 3 if k2q38a == 1 & k2q38b == 1
replace tourette_1819 = 95 if sc_age_years < 3
replace tourette_1819 = 99 if tourette_1819 ==.

```

```

label var tourette_1819 "Children who currently have Tourette Syndrome, age 3-17 years"

#delimit ;
label define tourette
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values tourette_1819 tourette

gen anxiety_1819 =.
replace anxiety_1819 = 1 if k2q33a == 2
replace anxiety_1819 = 2 if k2q33a == 1 & k2q33b == 2
replace anxiety_1819 = 3 if k2q33a == 1 & k2q33b == 1
replace anxiety_1819 = 95 if sc_age_years < 3
replace anxiety_1819 = 99 if anxiety_1819 ==.
label var anxiety_1819 "Children who currently have anxiety problems, age 3-17 years"

#delimit ;
label define anxiety
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values anxiety_1819 anxiety

gen depress_1819 =.
replace depress_1819 = 1 if k2q32a == 2
replace depress_1819 = 2 if k2q32a == 1 & k2q32b == 2
replace depress_1819 = 3 if k2q32a == 1 & k2q32b == 1
replace depress_1819 = 95 if sc_age_years < 3
replace depress_1819 = 99 if depress_1819 ==.
label var depress_1819 "Children who currently have depression, age 3-17 years"

#delimit ;
label define depress
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values depress_1819 depress

gen behavior_1819 =.

```

```

replace behavior_1819 = 1 if k2q34a == 2
replace behavior_1819 = 2 if k2q34a == 1 & k2q34b == 2
replace behavior_1819 = 3 if k2q34a == 1 & k2q34b == 1
replace behavior_1819 = 95 if sc_age_years < 3
replace behavior_1819 = 99 if behavior_1819 ==.
label var behavior_1819 "Children who currently have behavioral or conduct problems, age 3-17 years"

```

```

#delimit ;
label define behavior
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values behavior_1819 behavior

```

```

gen SubUse_1819 =.
replace SubUse_1819 = 1 if subabuse == 2
replace SubUse_1819 = 2 if subabuse == 1 & subabuse_curr == 2
replace SubUse_1819 = 3 if subabuse == 1 & subabuse_curr == 1
replace SubUse_1819 = 95 if sc_age_years < 6
replace SubUse_1819 = 99 if SubUse_1819 ==.
label var SubUse_1819 "Children who currently have substance use disorder, age 6-17 years"

```

```

#delimit ;
label define SubUse
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
95 "Children age 0-5 years"
99 "Missing"
;#delimit cr
label values SubUse_1819 SubUse

```

```

gen DevDelay_1819 =.
replace DevDelay_1819 = 1 if k2q36a == 2
replace DevDelay_1819 = 2 if k2q36a == 1 & k2q36b == 2
replace DevDelay_1819 = 3 if k2q36a == 1 & k2q36b == 1
replace DevDelay_1819 = 95 if sc_age_years < 3
replace DevDelay_1819 = 99 if DevDelay_1819 ==.
label var DevDelay_1819 "Children who currently have any developmental delay, age 3-17 years"

```

```

#delimit ;
label define DevDelay
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
95 "Children age 0-2 years"

```

```

99 "Missing"
;#delimit cr
label values DevDelay_1819 DevDelay

gen IntDisab_1819 =.
replace IntDisab_1819 = 1 if k2q60a == 2
replace IntDisab_1819 = 2 if k2q60a == 1 & k2q60b == 2
replace IntDisab_1819 = 3 if k2q60a == 1 & k2q60b == 1
replace IntDisab_1819 = 95 if sc_age_years < 3
replace IntDisab_1819 = 99 if IntDisab_1819 ==.
label var IntDisab_1819 "Children who currently have intellectual disability, age 3-17 years"

#delimit ;
label define IntDisab
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values IntDisab_1819 IntDisab

gen speech_1819 =.
replace speech_1819 = 1 if k2q37a == 2
replace speech_1819 = 2 if k2q37a == 1 & k2q37b == 2
replace speech_1819 = 3 if k2q37a == 1 & k2q37b == 1
replace speech_1819 = 95 if sc_age_years < 3
replace speech_1819 = 99 if speech_1819 ==.
label var speech_1819 "Children who currently have speech or other language disorder, age 3-17 years"

#delimit ;
label define speech
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values speech_1819 speech

gen learning_1819 =.
replace learning_1819 = 1 if k2q30a == 2
replace learning_1819 = 2 if k2q30a == 1 & k2q30b == 2
replace learning_1819 = 3 if k2q30a == 1 & k2q30b == 1
replace learning_1819 = 95 if sc_age_years < 3
replace learning_1819 = 99 if learning_1819 ==.
label var learning_1819 "Children who currently have a learning disability, age 3-17 years"

#delimit ;

```

```

label define learning
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values learning_1819 learning

**Only in 2018 – dropped from the combined dataset

gen OthrMent_18 =.
replace OthrMent_18 = 1 if anyother == 2
replace OthrMent_18 = 2 if anyother == 1 & anyother_curr == 2
replace OthrMent_18 = 3 if anyother == 1 & anyother_curr == 1
replace OthrMent_18 = 95 if sc_age_years < 3
replace OthrMent_18 = 99 if OthrMent_18 ==.
label var OthrMent_18 "Children who currently have any other mental health condition, age 3-17 years"

#delimit ;
label define OthrMent
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values OthrMent_18 OthrMent

gen autism_1819 =.
replace autism_1819 = 1 if k2q35a == 2
replace autism_1819 = 2 if k2q35a == 1 & k2q35b == 2
replace autism_1819 = 3 if k2q35a == 1 & k2q35b == 1
replace autism_1819 = 95 if sc_age_years < 3
replace autism_1819 = 99 if autism_1819 ==.
label var autism_1819 "Children who currently have Autism or ASD, age 3-17 years"

#delimit ;
label define autism
1 "Does not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values autism_1819 autism

gen ADHD_1819 =.
replace ADHD_1819 = 1 if k2q31a == 2

```

```

replace ADHD_1819 = 2 if k2q31a == 1 & k2q31b == 2
replace ADHD_1819 = 3 if k2q31a == 1 & k2q31b == 1
replace ADHD_1819 = 95 if sc_age_years < 3
replace ADHD_1819 = 99 if ADHD_1819 ==.
label var ADHD_1819 "Children who currently have ADD or ADHD, age 3-17 years"

#delimit ;
label define ADHD
1 "Does not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values ADHD_1819 ADHD

gen hearing_1819 = k2q43b
replace hearing_1819 = 99 if hearing_1819 ==.m
label var hearing_1819 "Children who have deafness or problems with hearing"

#delimit ;
label define hearing
1 "Have problems with hearing"
2 "Do not have problems with hearing"
99 "Missing"
;#delimit cr
label values hearing_1819 hearing

gen vision_1819 = blindness
replace vision_1819 = 99 if vision_1819 ==.m
label var vision_1819 "Children who have blindness or problems with seeing, even when wearing glasses"

#delimit ;
label define vision
1 "Have problems with seeing"
2 "Do not have problems with seeing"
99 "Missing"
;#delimit cr
label values vision_1819 vision

gen CondCnt_1819 =0
local varlist allergies_1819 arthritis_1819 asthma_1819 BrainInj_1819 palsy_1819 diabetes_1819
DownSynd_1819 seizure_1819 heart_1819 headache_1819 tourette_1819 anxiety_1819 depress_1819
behavior_1819 SubUse_1819 DevDelay_1819 IntDisab_1819 speech_1819 learning_1819 OthrMent_18
autism_1819 ADHD_1819 hearing_1819 vision_1819 BloodEver_1819 CystFibEver_1819 GeneticEver_1819
foreach i of local varlist {
replace CondCnt_1819 = CondCnt_1819 + 1 if `i' ==3
}/*close loop*/

```

```

local varlist hearing_1819 vision_1819
foreach i of local varlist {
replace CondCnt_1819 = CondCnt_1819 + 1 if `i' ==1
} /*close loop*/
label var CondCnt_1819 "Number of current and lifelong health conditions"

** NOTE: 26 conditions in 2019, 27 conditions in 2018

gen validc =0
gen nonec =0
local varlist allergies_1819 arthritis_1819 asthma_1819 BrainInj_1819 palsy_1819 diabetes_1819
DownSynd_1819 seizure_1819 heart_1819 headache_1819 tourette_1819 anxiety_1819 depress_1819
behavior_1819 DevDelay_1819 IntDisab_1819 speech_1819 learning_1819 OthrMent_18 autism_1819
ADHD_1819 hearing_1819 vision_1819 SubUse_1819 BloodEver_1819 CystFibEver_1819
GeneticEver_1819

foreach i of local varlist {
replace validc = validc + 1 if `i' == 1 & 2 & 3
replace nonec = nonec + 1 if `i' == 1 & 2
} /*close loop*/

gen Cond2more_1819 =.
replace Cond2more_1819 = 1 if nonec == validc
replace Cond2more_1819 = 2 if CondCnt_1819 ==1
replace Cond2more_1819 = 3 if CondCnt_1819 >=2
label var Cond2more_1819 "Indicator 1.9: Number of current or lifelong health conditions"

#delimit ;
label define Cond2more
1 "No health conditions"
2 "Have 1 health condition"
3 "Have 2 or more health conditions"
;#delimit cr
label values Cond2more_1819 Cond2more

```



| Severity of current health conditions   |   |
|---|---|
| <b>Description</b>  | How severe are this child’s conditions, if the child currently has conditions, from a list of 20 conditions?  |
| <b>Survey Items Used</b>  | <p>Survey instrument item number for children 0-5 years: A5(a,b), A6-A28 (2018), A6-A27 (2019), A33(2018), A32(2019); for children 6-11 years: A7(d,e), A8-A31 (2018), A8-A30 (2019), A36 (2018), A35(2019); for children 12-17 years: A7(e,f); A8-A31 (2018), A8-A30 (2019), A36 (2018), A35(2019)</p> <p>Variables in public use data file: ALLERGIES; ALLERGIES_CURR; ALLERGIES_DESC; ARTHRITIS; ARTHRITIS_CURR; ARTHRITIS_DESC; K2Q40A; K2Q40B; K2Q40C; K2Q46A; K2Q46B; K2Q46C; K2Q61A; K2Q61B; CERPALS_DESC; K2Q41A; K2Q41B; K2Q41C; K2Q42A; K2Q42B; K2Q42C; 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; ANYOTHER; ANYOTHER_CURR; ANYOTHER_DESC; 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>   |   |
| <p>The 2018-2019 data query does not display severity for those conditions not comparable across 2018 and 2019 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 2018 and 2019 NSCH is based on parent recollection and is not independently verified.</p>   |   |
| <b>Revisions and Changes</b>  |   |
| N/A   |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen AllerSev_1819 = replace AllerSev_1819 = 1 if allergies ==2   allergies ==1 &amp; allergies_curr ==2 replace AllerSev_1819 = 2 if allergies_desc == 1 replace AllerSev_1819 = 3 if allergies_desc == 2   allergies_desc == 3 replace AllerSev_1819 = 99 if allergies == .m   allergies_curr == .m   allergies_desc == .m label var AllerSev_1819 "Parent-rated severity of child's current allergies including food, drug, or other"  #delimit ; label define AllerSev 1 "Do not currently have condition" 2 "Current condition, mild" 3 "Current condition, moderate/severe" 99 "Missing" ;#delimit cr</pre> |   |

```

label values AllerSev_1819 AllerSev

gen ArthrSev_1819 =.
replace ArthrSev_1819 = 1 if arthritis == 2 | (arthritis == 1 & arthritis_curr == 2)
replace ArthrSev_1819 = 2 if arthritis_desc == 1
replace ArthrSev_1819 = 3 if ArthrSev_1819 ==.
replace ArthrSev_1819 = 99 if arthritis == .m | arthritis_curr == .m | arthritis_desc == .m
label var ArthrSev_1819 "Parent-rated severity of current arthritis"

#delimit ;
label define ArthrSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
99 "Missing"
;#delimit cr
label values ArthrSev_1819 ArthrSev

gen AsthmSev_1819 =.
replace AsthmSev_1819 = 1 if k2q40a == 2 | k2q40a == 1 & k2q40b == 2
replace AsthmSev_1819 = 2 if k2q40c == 1
replace AsthmSev_1819 = 3 if k2q40c == 2 | k2q40c == 3
replace AsthmSev_1819 = 99 if k2q40a == .m | k2q40b == .m | k2q40c == .m
label var AsthmSev_1819 "Parent-rated severity of child's current asthma"

#delimit ;
label define AsthmSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
99 "Missing"
;#delimit cr
label values AsthmSev_1819 AsthmSev

gen BloodSev_1819 =.
replace BloodSev_1819 = 1 if blood == 2
replace BloodSev_1819 = 2 if blood == 1 & blood_desc == 1
replace BloodSev_1819 = 3 if blood == 1 & blood_desc == 2 | blood_desc == 3
replace BloodSev_1819 = 99 if blood == .m | blood_desc == .m
label var BloodSev_1819 "Parent-rated severity of child's blood disorder (such as sickle cell disease)"

#delimit ;
label define BloodSev
1 "Never had condition"
2 "Ever told, mild"
3 "Ever told, moderate/severe"
99 "Missing"
;#delimit cr
label values BloodSev_1819 BloodSev

```

```
gen BrainSev_1819 =.
replace BrainSev_1819 = 1 if k2q46a == 2 | k2q46a == 1 & k2q46b == 2
replace BrainSev_1819 = 2 if k2q46c == 1
replace BrainSev_1819 = 3 if k2q46c == 2 | k2q46c == 3
replace BrainSev_1819 = 99 if k2q46a == .m | k2q46b == .m | k2q46c == .m
label var BrainSev_1819 "Parent-rated severity of child's current brain/head injury, concussion"
```

```
#delimit ;
label define BrainSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
99 "Missing"
;#delimit cr
label values BrainSev_1819 BrainSev
```

```
gen PalsySev_1819 =.
replace PalsySev_1819 = 1 if k2q61a == 2 | k2q61a == 1 & k2q61b == 2
replace PalsySev_1819 = 2 if cerpals_desc == 1
replace PalsySev_1819 = 3 if cerpals_desc == 2 | cerpals_desc == 3
replace PalsySev_1819 = 99 if k2q61a == .m | k2q61b == .m | cerpals_desc == .m
label var PalsySev_1819 "Parent-rated severity of child's current cerebral palsy"
```

```
#delimit ;
label define PalsySev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
99 "Missing"
;#delimit cr
label values PalsySev_1819 PalsySev
```

```
gen DiabetSev_1819 =.
replace DiabetSev_1819 = 1 if k2q41a == 2 | k2q41a == 1 & k2q41b == 2
replace DiabetSev_1819 = 2 if k2q41c == 1
replace DiabetSev_1819 = 3 if k2q41c == 2 | k2q41c == 3
replace DiabetSev_1819 = 99 if k2q41a == .m | k2q41b == .m | k2q41c == .m
label var DiabetSev_1819 "Parent-rated severity of child's current diabetes"
```

```
#delimit ;
label define DiabetSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
99 "Missing"
;#delimit cr
label values DiabetSev_1819 DiabetSev
```

```

gen SeizSev_1819 =.
replace SeizSev_1819 = 1 if k2q42a == 2 | k2q42a == 1 & k2q42b == 2
replace SeizSev_1819 = 2 if k2q42c == 1
replace SeizSev_1819 = 3 if k2q42c == 2 | k2q42c == 3
replace SeizSev_1819 = 99 if k2q42a == .m | k2q42b == .m | k2q42c == .m
label var SeizSev_1819 "Parent-rated severity of child's current epilepsy or seizure disorder"

#delimit ;
label define SeizSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
99 "Missing"
;#delimit cr
label values SeizSev_1819 SeizSev

gen GenetSev_1819 =.
replace GenetSev_1819 = 1 if genetic == 2
replace GenetSev_1819 = 2 if genetic_desc == 1
replace GenetSev_1819 = 3 if genetic_desc == 2 | genetic_desc == 3
replace GenetSev_1819 = 99 if genetic == .m | genetic_desc == .m

label var GenetSev_1819 "Parent-rated severity of child's genetic or inherited condition"

#delimit ;
label define GenetSev
1 "Never had condition"
2 "Ever told, mild"
3 "Ever told, moderate/severe"
99 "Missing"
;#delimit cr
label values GenetSev_1819 GenetSev

gen HeartSev_1819 =.
replace HeartSev_1819 = 1 if heart == 2 | heart == 1 & heart_curr == 2
replace HeartSev_1819 = 2 if heart_desc == 1
replace HeartSev_1819 = 3 if heart_desc == 2 | heart_desc == 3
replace HeartSev_1819 = 99 if heart == .m | heart_curr == .m | heart_desc == .m
label var HeartSev_1819 "Parent-rated severity of child's current heart condition"

#delimit ;
label define HeartSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
99 "Missing"
;#delimit cr
label values HeartSev_1819 HeartSev

```

```

gen HeadSev_1819 =.
replace HeadSev_1819 = 1 if headache == 2 | headache == 1 & headache_curr == 2
replace HeadSev_1819 = 2 if headache_desc == 1
replace HeadSev_1819 = 3 if headache_desc == 2 | headache_desc == 3
replace HeadSev_1819 = 99 if headache == .m | headache_curr == .m | headache_desc == .m
replace HeadSev_1819 = 95 if sc_age_years <3
label var HeadSev_1819 "Parent-rated severity of current frequent or severe headaches, age 3-17 years"

#delimit ;
label define HeadSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values HeadSev_1819 HeadSev

gen TouretSev_1819 =.
replace TouretSev_1819 = 1 if k2q38a == 2 | k2q38a == 1 & k2q38b == 2
replace TouretSev_1819 = 2 if k2q38c == 1
replace TouretSev_1819 = 3 if k2q38c == 4
replace TouretSev_1819 = 99 if k2q38a == .m | k2q38b == .m | k2q38c == .m
replace TouretSev_1819 = 95 if sc_age_years <3
label var TouretSev_1819 "Parent-rated severity of child's current Tourette Syndrome, age 3-17 years"

#delimit ;
label define TouretSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values TouretSev_1819 TouretSev

gen AnxietSev_1819 =.
replace AnxietSev_1819 = 1 if k2q33a == 2 | k2q33a == 1 & k2q33b == 2
replace AnxietSev_1819 = 2 if k2q33c == 1
replace AnxietSev_1819 = 3 if k2q33c == 2 | k2q33c == 3
replace AnxietSev_1819 = 99 if k2q33a == .m | k2q33b == .m | k2q33c == .m
replace AnxietSev_1819 = 95 if sc_age_years < 3
label var AnxietSev_1819 "Parent-rated severity of child's current anxiety, age 3-17 years"

#delimit ;
label define AnxietSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"

```

```

95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values AnxietSev_1819 AnxietSev

gen DepresSev_1819 =.
replace DepresSev_1819 = 1 if k2q32a == 2 | k2q32a == 1 & k2q32b == 2
replace DepresSev_1819 = 2 if k2q32c == 1
replace DepresSev_1819 = 3 if k2q32c == 2 | k2q32c == 3
replace DepresSev_1819 = 99 if k2q32a == .m | k2q32b == .m | k2q32c == .m
replace DepresSev_1819 = 95 if sc_age_years < 3
label var DepresSev_1819 "Parent-rated severity of child's current depression, age 3-17 years"

#delimit ;
label define DepresSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values DepresSev_1819 DepresSev

gen BehavSev_1819 =.
replace BehavSev_1819 = 1 if k2q34a == 2 | k2q34a == 1 & k2q34b == 2
replace BehavSev_1819 = 2 if k2q34c == 1
replace BehavSev_1819 = 3 if k2q34c == 2 | k2q34c == 3
replace BehavSev_1819 = 99 if k2q34a == .m | k2q34b == .m | k2q34c == .m
replace BehavSev_1819 = 95 if sc_age_years < 3
label var BehavSev_1819 "Parent-rated severity of child's current behavioral problems, age 3-17 years"

#delimit ;
label define BehavSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values BehavSev_1819 BehavSev

gen DevDelSev_1819 =.
replace DevDelSev_1819 = 1 if k2q36a == 2 | k2q36a == 1 & k2q36b == 2
replace DevDelSev_1819 = 2 if k2q36c == 1
replace DevDelSev_1819 = 3 if k2q36c == 2 | k2q36c == 3
replace DevDelSev_1819 = 99 if k2q36a == .m | k2q36b == .m | k2q36c == .m
replace DevDelSev_1819 = 95 if sc_age_years < 3
label var DevDelSev_1819 "Parent-rated severity of child's developmental delay, age 3-17 years"

```

```

#delimit ;
label define DevDelSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values DevDelSev_1819 DevDelSev

gen IntDisSev_1819 =.
replace IntDisSev_1819 = 1 if k2q60a == 2 | k2q60a == 1 & k2q60b == 2
replace IntDisSev_1819 = 2 if k2q60c == 1
replace IntDisSev_1819 = 3 if k2q60c == 2 | k2q60c == 3
replace IntDisSev_1819 = 99 if k2q60a == .m | k2q60b == .m | k2q60c == .m
replace IntDisSev_1819 = 95 if sc_age_years < 3
label var IntDisSev_1819 "Parent-rated severity of child's current intellectual disability, age 3-17 years"

#delimit ;
label define IntDisSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values IntDisSev_1819 IntDisSev

gen SpeechSev_1819 =.
replace SpeechSev_1819 = 1 if k2q37a == 2 | k2q37a == 1 & k2q37b == 2
replace SpeechSev_1819 = 2 if k2q37c == 1
replace SpeechSev_1819 = 3 if k2q37c == 2 | k2q37c == 3
replace SpeechSev_1819 = 99 if k2q37a == .m | k2q37b == .m | k2q37c == .m
replace SpeechSev_1819 = 95 if sc_age_years < 3
label var SpeechSev_1819 "Parent-rated severity of child's current language disorder, age 3-17 years"

#delimit ;
label define SpeechSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values SpeechSev_1819 SpeechSev

gen LearnSev_1819 =.
replace LearnSev_1819 = 1 if k2q30a == 2 | k2q30a == 1 & k2q30b == 2
replace LearnSev_1819 = 2 if k2q30c == 1

```

```

replace LearnSev_1819 = 3 if k2q30c == 2 | k2q30c == 3
replace LearnSev_1819 = 99 if k2q30a == .m | k2q30b == .m | k2q30c == .m
replace LearnSev_1819 = 95 if sc_age_years < 3
label var LearnSev_1819 "Parent-rated severity of child's current learning disability, age 3-17 years"

```

```

#delimit ;
label define LearnSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values LearnSev_1819 LearnSev

```

```

#delimit ;
label define OthMHSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values OthMHSev_1819 OthMHSev

```

```

gen AutismSev_1819 = .
replace AutismSev_1819 = 1 if k2q35a == 2 | k2q35a == 1 & k2q35b == 2
replace AutismSev_1819 = 2 if k2q35c == 1
replace AutismSev_1819 = 3 if k2q35c == 2 | k2q35c == 3
replace AutismSev_1819 = 99 if k2q35a == .m | k2q35b == .m | k2q35c == .m
replace AutismSev_1819 = 95 if sc_age_years < 3
label var AutismSev_1819 "Parent-rated severity of child's current autism/ASD, age 3-17 years"

```

```

#delimit ;
label define AutismSev
1 "Do not currently have condition"
2 "Current condition, mild"
3 "Current condition, moderate/severe"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values AutismSev_1819 AutismSev

```

```

gen ADHDSev_1819 = .
replace ADHDSev_1819 = 1 if k2q31a == 2 | k2q31a == 1 & k2q31b == 2
replace ADHDSev_1819 = 2 if k2q31c == 1
replace ADHDSev_1819 = 3 if k2q31c == 2 | k2q31c == 3
replace ADHDSev_1819 = 99 if k2q31a == .m | k2q31b == .m | k2q31c == .m
replace ADHDSev_1819 = 95 if sc_age_years < 3

```



```
label var ADHDSev_1819 "Parent-rated severity of child's current ADD/ADHD, age 3-17 years"  
  
#delimit ;  
label define ADHDSev  
1 "Do not currently have condition"  
2 "Current condition, mild"  
3 "Current condition, moderate/severe"  
95 "Children age 0-2 years"  
99 "Missing"  
;#delimit cr  
label values ADHDSev_1819 ADHDSev
```

|   |   |
|---|---|
| <b>Indicator 1.10</b>   | <b>One or more functional difficulties (Diff2more_1819)</b>   |
| <b>Description</b>  | Does this child have one or more functional difficulties from a list of 12 difficulties?  |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: A4a-f, A5a,A5b; for children 6-11 years: A6a-d, A7a-e; for children 12-17 years: A6a-d, A7a-f<br>Variables in public use data file: BREATHING; COORDINATION; DRESSING; ERRANDALONE; K2Q43B; MEMORYCOND; PHYSICALPAIN; STOMACH; SWALLOWING; WALKSTAIRS; BLINDNESS; HANDS |
| <b>Denominator</b>  | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>  | 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 experience 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>Revisions and Changes</b>  |   |
| There have been no substantive changes to this measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen DiffBreath_1819 = breathing label var DiffBreath_1819 "Difficulty with breathing or other respiratory problems"  gen DiffSwall_1819 = swallowing label var DiffSwall_1819 "Difficulty with eating or swallowing"  gen DiffDigest_1819 = stomach label var DiffDigest_1819 "Difficulty with digesting food"  gen DiffPain_1819 = physicalpain label var DiffPain_1819 "Difficulty with repeated or chronic physical pain"  gen DiffHands_1819 = hands label var DiffHands_1819 "Difficulty using hands, age 0-5 years"</pre>  |   |

```

gen DiffCoor_1819 = coordination
label var DiffCoor_1819 "Difficulty coordinating or moving around, age 0-5 years"

gen DiffMem_1819 = memorycond
label var DiffMem_1819 "Serious difficulty concentrating, remembering, making decisions, age 6-17
years"

gen DiffWalk_1819 = walkstairs
label var DiffWalk_1819 "Serious difficulty walking or climbing stairs, age 6-17 years"

gen DiffDress_1819 = dressing
label var DiffDress_1819 "Difficulty dressing or bathing, age 6-17 years"

gen DiffErrand_1819 = errandalone
label var DiffErrand_1819 "Difficulty doing errands alone, age 12-17 years"

gen hearing_1819 = k2q43b
label var hearing_1819 "Children who have deafness or problems with hearing"

gen vision_1819 = blindness
label var vision_1819 "Children who have blindness or problems with seeing, even when wearing glasses"

local varlist DiffBreath_1819 DiffSwall_1819 DiffDigest_1819 DiffPain_1819 DiffHands_1819
DiffCoor_1819 DiffMem_1819 DiffWalk_1819 DiffDress_1819 DiffErrand_1819 hearing_1819 vision_1819

foreach var of local varlist {

replace `var' = 99 if `var' ==.m

}/*close loop*/

local varlist DiffHands_1819 DiffCoor_1819 DiffMem_1819 DiffWalk_1819 DiffDress_1819
DiffErrand_1819

foreach var of local varlist {

replace `var' = 95 if `var' ==.n

}/*close loop*/

local varlist DiffBreath_1819 DiffSwall_1819 DiffDigest_1819 DiffPain_1819

foreach var of local varlist {

```

```

label define `var' 1 "Yes" 2 "No" 99 "Missing", modify
label values `var' `var'

}

local varlist DiffHands_1819 DiffCoor_1819

foreach var of local varlist {

label define `var' 1 "Yes" 2 "No" 95 "Children age 6-17 years" 99 "Missing", modify
label values `var' `var'

}

local varlist DiffMem_1819 DiffWalk_1819 DiffDress_1819

foreach var of local varlist {

label define `var' 1 "Yes" 2 "No" 95 "Children age 0-5 years" 99 "Missing", modify
label values `var' `var'

}

local varlist DiffErrand_1819

foreach var of local varlist {

label define `var' 1 "Yes" 2 "No" 95 "Children age 0-11 years" 99 "Missing", modify
label values `var' `var'

}

gen CntDiff =0

local varlist DiffBreath_1819 DiffSwall_1819 DiffDigest_1819 DiffPain_1819 DiffHands_1819
DiffCoor_1819 DiffMem_1819 DiffWalk_1819 DiffDress_1819 DiffErrand_1819 hearing_1819 vision_1819

foreach i of local varlist {

replace CntDiff = CntDiff + 1 if `i' ==1

}/*close loop*/

```

```

gen misdd =0
gen validd =0
gen noned =0

local varlist DiffBreath_1819 DiffSwall_1819 DiffDigest_1819 DiffPain_1819 DiffHands_1819
DiffCoor_1819 DiffMem_1819 DiffWalk_1819 DiffDress_1819 DiffErrand_1819 hearing_1819 vision_1819

foreach i of local varlist {

replace validd = validd + 1 if `i' == 1 & 2
replace noned = noned + 1 if `i' == 2

} /*close loop*/

gen Diff2more_1819 =.

replace Diff2more_1819 = 1 if noned == validd
replace Diff2more_1819 = 2 if CntDiff ==1
replace Diff2more_1819 = 3 if CntDiff >= 2
replace Diff2more_1819 = 99 if Diff2more_1819 ==1
replace Diff2more_1819 = 1 if CntDiff ==0 & Diff2more_1819 !=99

label var Diff2more_1819 "Indicator 1.10: One or more functional difficulties"

#delimit ;
label define Diff2more
1 "Did not have any difficulties"
2 "One functional difficulty"
3 "Two or more functional difficulties"
99 "Missing to all"
;
#delimit cr

label values Diff2more_1819 Diff2more

```

|  |   |
|--|---|
| <b>Indicator 1.11</b>  | <b>Children with special health care needs (CSHCN_1819)</b>   |
| <b>Description</b>   | Does this child have special health care needs (CSHCN) based on the CSHCN Screener?   |
| <b>Survey Items Used</b>   | These items are asked among all children in the initial household screener questionnaire. The screener item numbers: 6,7,8,9,10<br>Variables in public use data file: SC_K2Q10 SC_K2Q11 SC_K2Q12 SC_K2Q13SC_K2Q14SC_K2Q15; SC_K2Q16; SC_K2Q17; SC_K2Q18; SC_K2Q19; SC_K2Q20; SC_K2Q21; SC_K2Q22; SC_K2Q23; SC_CSHCN (derived) |
| <b>Denominator</b>   | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>   | Children with special health care needs (CSHCN); Non-CSHCN  |
| <b>Notes for Data-Users</b>  |   |
| <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 “website”.</p> |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| gen rxmeds_1819 = 0  |   |

```

replace rxmeds_1819 = rxmeds_1819 + 1 if sc_k2q10 == 1 & sc_k2q11 == 1 & sc_k2q12 == 1
label var rxmeds_1819 "Children qualifying on prescription medication criteria"

gen serve_1819 = 0
replace serve_1819 = serve_1819 + 1 if sc_k2q13 == 1 & sc_k2q14 == 1 & sc_k2q15 == 1
label var serve_1819 "Children qualifying on elevated use of services criteria"

gen func_1819 = 0
replace func_1819 = func_1819 + 1 if sc_k2q16 == 1 & sc_k2q17 == 1 & sc_k2q18 == 1
label var func_1819 "Children qualifying on functional limitations criteria"

gen therapy_1819 = 0
replace therapy_1819 = therapy_1819 + 1 if sc_k2q19 == 1 & sc_k2q20 == 1 & sc_k2q21 == 1
label var therapy_1819 "Children qualifying on specialized therapy criteria"

gen mhealth_1819 = 0
replace mhealth_1819 = 1 if sc_k2q22 == 1 & sc_k2q23 == 1
label var mhealth_1819 "Children qualifying on ongoing EDB conditions criteria"

local varlist rxmeds_1819 serve_1819 func_1819 therapy_1819 mhealth_1819
foreach var of local varlist {

label define `var' 0 "Do not meet screening criteria" 1 "Meet screening criteria", modify
label values `var' `var'

}

gen cnt_qualnum = func_1819 + serve_1819 + therapy_1819 + rxmeds_1819 + mhealth_1819

gen qualnum_1819 = 0
replace qualnum_1819 =1 if cnt_qualnum ==1
replace qualnum_1819 =2 if cnt_qualnum ==2
replace qualnum_1819 =3 if cnt_qualnum ==3
replace qualnum_1819 =4 if cnt_qualnum ==4
replace qualnum_1819 =5 if cnt_qualnum ==5
label var qualnum_1819 "Number of qualifying CSHCN Screener answers?"

#delimit ;
label define qualnum
0 "No qualifying answers"
1 "One qualifying answer"
2 "Two qualifying answers"
3 "Three qualifying answers"
4 "Four qualifying answers"
5 "Five qualifying answers"
;#delimit cr
label values qualnum_1819 qualnum

gen CSHCN_1819 = 0

```

```

replace CSHCN_1819 = 1 if func_1819 == (1) | serve_1819 == (1) | therapy_1819 == (1) | rxmeds_1819 == (1) |
mhealth_1819 == (1)
replace CSHCN_1819 = 2 if CSHCN_1819 == 0
label var CSHCN_1819 "Indicator 1.11: Children with special health care needs"

#delimit ;
label define CSHCN
1 "CSHCN"
2 "Non-CSHCN"
;#delimit cr
label values CSHCN_1819 CSHCN

gen qualnum4_1819 = 0
replace qualnum4_1819 = 1 if cnt_qualnum == 1
replace qualnum4_1819 = 2 if cnt_qualnum == 2
replace qualnum4_1819 = 3 if cnt_qualnum == 3
replace qualnum4_1819 = 4 if cnt_qualnum == 4 | cnt_qualnum == 5
label var qualnum4_1819 "CSHCN who qualify on 1 or more of the 5 CSHCN Screener criteria"

#delimit ;
label define qualnum4
0 "Non-CSHCN"
1 "Qualified on 1 screener criteria"
2 "Qualified on 2 screener criteria"
3 "Qualified on 3 screener criteria"
4 "Qualified on 4-5 screener criteria"
;#delimit cr
label values qualnum4_1819 qualnum4

gen CSHCNtype_1819 = 0
replace CSHCNtype_1819 = 1 if func_1819 == 1
replace CSHCNtype_1819 = 2 if func_1819 == 0 & rxmeds_1819 == 1 & serve_1819 == 0 & therapy_1819 == 0
& mhealth_1819 == 0
replace CSHCNtype_1819 = 3 if func_1819 == 0 & rxmeds_1819 == 0 & (serve_1819 == 1 | therapy_1819 == 1 |
mhealth_1819 == 1)
replace CSHCNtype_1819 = 4 if func_1819 == 0 & rxmeds_1819 == 1 & (serve_1819 == 1 | therapy_1819 == 1 |
mhealth_1819 == 1)
replace CSHCNtype_1819 = 0 if CSHCNtype_1819 == 0
label var CSHCNtype_1819 "Children with specific types of special health care needs"

#delimit ;
label define CSHCNtype
0 "Non-CSHCN (no qualifying on Screener)"
1 "CSHCN - Functional limitations "
2 "CSHCN - Prescription medication only"
3 "CSHCN - Elevated use/specialized services"
4 "CSHCN - Rx AND elevated use of services"
;#delimit cr
label values CSHCNtype_1819 CSHCNtype

```



```

gen CSHCNComplex_1819 =0
replace CSHCNComplex_1819 =0 if CSHCNtype_1819 ==0
replace CSHCNComplex_1819 =1 if CSHCNtype_1819 ==2
replace CSHCNComplex_1819 =2 if CSHCNtype_1819 ==1 | CSHCNtype_1819 ==3 | CSHCNtype_1819 ==4
label var CSHCNComplex_1819 "CSHCN status and complexity of health care needs"

#delimit ;
label define CSHCNComplex
0 "Non-CSHCN"
1 "CSHCN with less complex health needs"
2 "CSHCN with more complex health needs"
;#delimit cr
label values CSHCNComplex_1819 CSHCNComplex

gen mhneeds_1819 =.
replace mhneeds_1819 =0 if CSHCN_1819 ==2
replace mhneeds_1819 =2 if CSHCN_1819 ==1 & mhealth_1819 ==0
replace mhneeds_1819 =1 if CSHCN_1819 ==1 & mhealth_1819 ==1
label var mhneeds_1819 "CSHCN who have ongoing emotional, behavioral or developmental issues"

#delimit ;
label define mhneeds
0 "Non-CSHCN"
1 "CSHCN qualifying on EBD criteria"
2 "CSHCN NOT qualifying on EBD criteria"
;#delimit cr
label values mhneeds_1819 mhneeds

```

|  |   |
|--|---|
| <b>Indicator 1.12</b>  | <b>Effect of conditions on daily activities (DailyAct_1819)</b>   |
| <b>Description</b>   | Does this child have health conditions that consistently and often greatly affected their daily activities during the past 12 months?   |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: A36(2018), A37(2018), A35(2019), A36(2019); for children 6-11 years: A37(2018), A38, A39(2019); for children 12-17 years: A37(2018), A38, A39(2019)<br>Variables in public use data file: HCABILITY; HCEXTENT |
| <b>Denominator</b>   | Children age 0-17 years who have any condition  |
| <b>Numerator/Response Categories</b>   | Daily activities never affected; Daily activities moderately affected some of time; Daily activities consistently affected, often a great deal  |
| <b>Notes for Data-Users</b>  |   |
| 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 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" on A36 (0-5 years) or A37 (6-17 years) and/or a response of "A great deal" on A37 (0-5 years) or A38 (6-17 years) . Valid responses on both items are required.   |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre>gen DailyAct_1819 =. replace DailyAct_1819 =99 if hcability ==.m   hcextent ==.m replace DailyAct_1819 =0 if hcability ==1 replace DailyAct_1819 =1 if hcability ==2 replace DailyAct_1819 =2 if hcability ==3   (hcextent ==1   hcextent ==2) replace DailyAct_1819 =3 if hcability ==4   hcability ==5 replace DailyAct_1819 =3 if hcextent ==3 label var DailyAct_1819 "Indicator 1.12: Effect of conditions on daily activities"  #delimit ; label define DailyAct 0 "Do not have any conditions" 1 "Daily activities never affected" 2 "Moderately affected some of time" 3 "Consistently affected, often a great deal" 99 "Missing to both items" ;#delimit cr  label values DailyAct_1819 DailyAct</pre> |   |

*Emotional and Mental Health*

|  |   |
|--|---|
| <b>Indicator 2.1</b>   | <b>Bullied others, age 6-17 years (bully_1819)</b>  |
| <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; for children 12-17 years: A5<br>Variable name 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>  |   |
| <p>This survey question asked, "During the past 12 months, how often did this child bully others, pick on them, or exclude them?".</p> <p>This question is asked for children between 6 and 17 years of age.</p>   |   |
| <b>Revisions and Changes</b>   |   |
| <p>There have been changes in this item or 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 etc. For additional information, see <a href="#">a crosswalk of survey items</a> across years.</p>   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen bully_1819 = bully replace bully_1819 =99 if bully ==.m replace bully_1819 =95 if sc_age_years &lt;6 label var bully_1819 "Indicator 2.1: Children bully others, pick on them or exclude them, age 6-17 years"  #delimit ; label define bully 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" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values bully_1819 bully         </pre> |   |

|   |   |
|---|---|
| <b>Indicator 2.2</b>  | <b>Bullied, age 6-17 years (bullied_1819)</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; for children 12-17 years: A4<br>Variable name 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>   |   |
| <p>This survey question asked, "During the past 12 months, how often was this child bullied, picked on, or excluded by other children?".</p> <p>This question is asked for children between 6 and 17 years of age.</p>  |   |
| <b>Revisions and Changes</b>  |   |
| <p>There have been changes in this item or 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p>   |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen bullied_1819 = bullied_r replace bullied_1819 =99 if bullied_r ==.m replace bullied_1819 =95 if sc_age_years &lt;6 label var bullied_1819 "Indicator 2.2: Children who are bullied by other children, age 6-17 years"  #delimit ; label define bullied 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" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values bullied_1819 bullied</pre> |   |

|  |   |
|--|---|
| <b>Indicator 2.3</b>   | <b>Flourishing for young children, age 6 months-5 years (flrish0to5_1819)</b>   |
| <b>Description</b>   | Is this young child flourishing, age 6 months-5 years?  |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: A3a-d; for children 6-11 years: A3a; for children 12-17 years: A3a<br>Variables in public use data file: K6Q70_R, K6Q71_R, K6Q72_R, K6Q73_R |
| <b>Denominator</b>   | Children age 6 months-5 years   |
| <b>Numerator/Response Categories</b>   | 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p>  |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre>gen tender_1819 = k6q70_r replace tender_1819 =99 if k6q70_r ==.m replace tender_1819 =90 if sc_age_lt6 ==1 replace tender_1819 =95 if sc_age_years &gt; 5 label var tender_1819 "Children are affectionate and tender with parent, age 6 months-5 years"  gen resil0to5_1819 = k6q73_r replace resil0to5_1819 =99 if k6q73_r ==.m replace resil0to5_1819 =90 if sc_age_lt6 ==1 replace resil0to5_1819 =95 if sc_age_years &gt; 5 label var resil0to5_1819 "Children who bounce back quickly when things don't go their way, age 6 months-5 years"</pre>  |   |

```

gen curious0to5_1819 = k6q71_r
replace curious0to5_1819 =99 if k6q71_r ==.m
replace curious0to5_1819 =90 if sc_age_lt6 ==1
replace curious0to5_1819 =95 if sc_age_years > 5
label var curious0to5_1819 "Children who show interest and curiosity in learning new things, age 6
months-5 years"

gen smile_1819 = k6q72_r
replace smile_1819 =99 if k6q72_r ==.m
replace smile_1819 =90 if sc_age_lt6 ==1
replace smile_1819 =95 if sc_age_years > 5
label var smile_1819 "Children who smile and laugh a lot, age 6 months-5 years"

gen flrsh0to5ct =0
replace flrsh0to5ct = flrsh0to5ct +1 if smile_1819 ==1 | smile_1819 ==2
replace flrsh0to5ct = flrsh0to5ct +1 if curious0to5_1819 ==1 | curious0to5_1819 ==2
replace flrsh0to5ct = flrsh0to5ct +1 if resil0to5_1819 ==1 | resil0to5_1819 ==2
replace flrsh0to5ct = flrsh0to5ct +1 if tender_1819 ==1 | tender_1819 ==2
replace flrsh0to5ct =90 if sc_age_lt6 ==1
replace flrsh0to5ct =95 if sc_age_years >5
replace flrsh0to5ct =99 if smile_1819 ==99 & curious0to5_1819 ==99 & resil0to5_1819 ==99 &
tender_1819 ==99
label var flrsh0to5ct "Count of always/usually responses to flourishing items, age 6 months-5 years"

gen flrish0to5_1819 =.
replace flrish0to5_1819 =1 if flrsh0to5ct <3
replace flrish0to5_1819 =2 if flrsh0to5ct ==3
replace flrish0to5_1819 =3 if flrsh0to5ct >3
replace flrish0to5_1819 =99 if smile_1819 ==99 & curious0to5_1819 ==99 & resil0to5_1819 ==99 &
tender_1819 ==99
replace flrish0to5_1819 =90 if sc_age_lt6 ==1
replace flrish0to5_1819 =95 if sc_age_years >5
label var flrish0to5_1819 "Indicator 2.3: Flourishing for young children, age 6 months-5 years"

#delimit ;
label define flrish0to5
1 "Usually/always responses to 0-2 items"
2 "Usually/always responses to 3 items"
3 "Usually/always responses to all 4 items"
90 "Children age <6 months"
95 "Children age 6-17 years"
99 "Missing (missing to all)"
;#delimit cr
label values flrish0to5_1819 flrish0to5

local varlist tender_1819 resil0to5_1819 curious0to5_1819 smile_1819
foreach var of local varlist {

label define `var' 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Never" 99 "Missing" 90 "Children less than 6
months" 95 "Children age 6-17 years", modify
label values `var' `var'

}

```

|  |  |
|--|--|
| <b>Indicator 2.4</b>   | <b>Flourishing for children and adolescents, age 6-17 years (flrish6to17_1819)</b>   |
| <b>Description</b>   | Is this child or adolescent flourishing, age 6-17 years?   |
| <b>Survey Items Used</b>   | Survey instrument item number for children 6-11 years: A3(a-c); for children 12-17 years: A3(a-c)<br>Variable in public use data file: K6Q71_R, K7Q84_R, K7Q85_R |
| <b>Denominator</b>   | Children age 6-17 years  |
| <b>Numerator/Response Categories</b>   | Meets 0-1 flourishing items; Meets 2 flourishing items; Meets all 3 flourishing items  |
| <b>Notes for Data-Users</b>  |  |
| <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 he or she starts, 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> |  |
| <b>Revisions and Changes</b>   |  |
| <p>There have been changes in this item or 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p>  |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre>gen curious6to17_1819 = k6q71_r replace curious6to17_1819 =99 if k6q71_r ==.m replace curious6to17_1819 =95 if sc_age_years &lt; 6 label var curious6to17_1819 "Children who show interest and curiosity in learning new things, age 6-17 years"  #delimit ; label define curious6to17 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Never"</pre>   |  |

```

95 "Children age 0-5 years"
99 "Missing"
;#delimit cr
label values curious6to17_1819 curious6to17

gen finishes_1819 = k7q84_r
replace finishes_1819 =99 if k7q84_r ==.m
replace finishes_1819 =95 if sc_age_years < 6
label var finishes_1819 "Children who work to finish the tasks they start, age 6-17 years"

#delimit ;
label define finishes
1 "Always"
2 "Usually"
3 "Sometimes"
4 "Never"
95 "Children age 0-5 years"
99 "Missing"
;#delimit cr
label values finishes_1819 finishes

replace resil6to17_1819 =99 if k7q85_r ==.m
replace resil6to17_1819 =95 if sc_age_years <6
label var resil6to17_1819 "Children who stay calm and in control when faced with a challenge, age 6-17 years"

#delimit ;
label define resil6to17
1 "Always"
2 "Usually"
3 "Sometimes"
4 "Never"
95 "Children age 0-5 years"
99 "Missing"
;#delimit cr
label values resil6to17_1819 resil6to17

gen flrsh6to17ct =0
replace flrsh6to17ct = flrsh6to17ct +1 if finishes_1819 ==1 | finishes_1819 ==2
replace flrsh6to17ct = flrsh6to17ct +1 if resil6to17_1819 ==1 | resil6to17_1819 ==2
replace flrsh6to17ct = flrsh6to17ct +1 if curious6to17_1819 ==1 | curious6to17_1819 ==2
replace flrsh6to17ct = 99 if finishes_1819 ==99 & resil6to17_1819 ==99 & curious6to17_1819 ==99
replace flrsh6to17ct = 95 if sc_age_years < 6
label var flrsh6to17ct "Count of aways/usually responses to flourishing items, age 6-17 years"

gen flrish6to17_1819 =.
replace flrish6to17_1819 =1 if flrsh6to17ct <2
replace flrish6to17_1819 =2 if flrsh6to17ct ==2
replace flrish6to17_1819 =3 if flrsh6to17ct >2
replace flrish6to17_1819 =99 if finishes_1819 ==99 & resil6to17_1819 ==99 & curious6to17_1819 ==99
replace flrish6to17_1819 =95 if sc_age_years < 6

label var flrish6to17_1819 "Indicator 2.4: Flourishing for children and adolescents, age 6-17 years"

```



```
#delimit ;  
label define flrsh6to17ct  
1 "Usually/always responses to 0-1 items"  
2 "Usually/always responses to 2 items"  
3 "Usually/always responses to all 3 items"  
95 "Children age 0-5 years"  
99 "Missing (missing to all)"  
;#delimit cr  
label values flrsh6to17_1819 flrsh6to17ct
```

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|--|---|
| <b>Indicator 2.5</b>   | <b>Argues too much, age 6-17 years (argue_1819)</b>   |
| <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; for children 12-17 years: A3f<br>Variable name 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 item or 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen argue_1819 = k7q70_r replace argue_1819 =99 if k7q70_r ==.m replace argue_1819 =95 if sc_age_years &lt; 6 label var argue_1819 "Indicator 2.5: Children who argue too much, age 6-17 years"  #delimit ; label define argue 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Never" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values argue_1819 argue </pre> |   |

|   |   |
|---|---|
| <b>Indicator 2.6</b>  | <b>Making and keeping friends, age 6-17 years (MakeFriend_1819)</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 6-11 years: G7; for children 12-17 years: G7<br>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 measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen MakeFriend_1819 = makefriend replace MakeFriend_1819 =95 if sc_age_years &lt; 6 replace MakeFriend_1819 =99 if MakeFriend_1819 ==.m label var MakeFriend_1819 "Indicator 2.6: Difficulties making or keeping friends, age 6-17 years"  #delimit ; label define MakeFriend 1 "No difficulty" 2 "A little difficulty" 3 "A lot difficulty" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values MakeFriend_1819 MakeFriend </pre> |   |

|   |   |
|---|---|
| <b>Indicator 2.7</b>  | <b>Prevalence of ADD/ADHD, age 3-17 years (ADHDind_1819)</b>  |
| <b>Description</b>  | Does this child currently have Attention Deficit Disorder (ADD) or Attention-Deficit/Hyperactivity Disorder (ADHD), age 3-17 years?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: A33(2018), A32(2019); for children 6-11 years: A34(2018), A35(2019); for children 12-17 years: A34(2018), A35(2019)<br>Variable in public use data file: K2Q31A; K2Q31B |
| <b>Denominator</b>  | Children age 3-17 years   |
| <b>Numerator/Response Categories</b>  | 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 2018 and 2019 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 2018 and 2019 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 measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen ADHDind_1819 =. replace ADHDind_1819 =1 if k2q31a ==2 replace ADHDind_1819 =2 if k2q31a ==1 &amp; k2q31b ==2 replace ADHDind_1819 =3 if k2q31a ==1 &amp; k2q31b ==1 replace ADHDind_1819 =99 if k2q31a ==.m   k2q31b ==.m replace ADHDind_1819 =95 if sc_age_years &lt; 3 label var ADHDind_1819 "Indicator 2.7: Children who currently have ADD/ADHD, age 3-17 years"  #delimit ; label define ADHDind 1 "Do not have condition" 2 "Ever told, but do not currently have condition" 3 "Currently have condition" 95 "Children age 0-2 years" 99 "Missing" ;#delimit cr  label values ADHDind_1819 ADHDind </pre> |   |

Child and Family Health Measures – Emotional and Mental Health

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|---|---|
| <b>Indicator 2.7a</b>   | <b>Severity of ADD/ADHD, age 3-17 years (ADHDSevInd_1819)</b>   |
| <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: A33(2018), A32(2019); for children 6-11 years: A34(2018), A35(2019); for children 12-17 years: A34(2018), A35(2019)<br>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 ADHD; Current ADHD, rated mild; Current ADHD, rated moderate or severe  |
| <b>Notes for Data-Users</b>   |   |
| <p>The 2018 and 2019 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 2018 and 2019 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 measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen ADHDSevInd_1819 =. replace ADHDSevInd_1819 =1 if k2q31a ==2   (k2q31a == 1 &amp; k2q31b == 2) replace ADHDSevInd_1819 =2 if k2q31c ==1 replace ADHDSevInd_1819 =3 if k2q31c ==2   k2q31c ==3 replace ADHDSevInd_1819 =99 if k2q31a ==.m   k2q31b ==.m   k2q31c ==.m replace ADHDSevInd_1819 =95 if sc_age_years &lt; 3 label var ADHDSevInd_1819 "Indicator 2.7a: Parent-rated severity of current ADD/ADHD, age 3-17 years"  #delimit ; label define ADHDSevInd 1 "Do not have condition" 2 " Current condition, rated mild" 3 "Current condition, rated moderate/severe" 95 "Children age 0-2 years" 99 "Missing" ;#delimit cr label values ADHDSevInd_1819 ADHDSevInd </pre> |   |

|  |   |
|--|---|
| <b>Indicator 2.7b</b>  | <b>Medication for ADD/ADHD, age 3-17 years (ADHDMed_1819)</b>   |
| <b>Description</b>   | Is this child currently taking medication for ADD or ADHD, age 3-17 years?  |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: A33(2018),A34(2018) A32(2019),A33(2019); for children 6-11 years: A34(2018),A35(2018) A35(2019),A36(2019); for children 12-17 years: A34(2018),A35(2018) A35(2019),A36(2019)<br>Variable name in public use data file: K2Q31A; K2Q31B; K2Q31D |
| <b>Denominator</b>   | Children age 3-17 years   |
| <b>Numerator/Response Categories</b>   | 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". The 2018-2019 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 2018 and 2019 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 measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre>gen ADHDMed_1819 =. replace ADHDMed_1819 =1 if k2q31a ==2   (k2q31a == 1 &amp; k2q31b == 2) replace ADHDMed_1819 =99 if missing(ADHDMed_1819) &amp; (k2q31a == (.m)   k2q31b == (.m)   k2q31d == (.m)) replace ADHDMed_1819 =2 if missing(ADHDMed_1819) &amp; k2q31d == 2 replace ADHDMed_1819 =3 if missing(ADHDMed_1819) &amp; k2q31d == 1 replace ADHDMed_1819 =95 if sc_age_years &lt; 3 label var ADHDMed_1819 "Indicator 2.7b: Children currently taking medication for ADD or ADHD, age 3-17 years" #delimit ; label define ADHDMed 1 "Do not have condition" 2 "Current condition, not taking medication" 3 "Current condition, taking medication" 95 "Children age 0-2 years" 99 "Missing" ;#delimit cr  label values ADHDMed_1819 ADHDMed</pre> |   |

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|---|---|
| <b>Indicator 2.7c</b>   | <b>Received behavioral treatment for ADD/ADHD, age 3-17 years (ADHDBehTreat_1819)</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: A33(2018),A35(2018) A32(2019),A34(2019); for children 6-11 years: A34(2018),A36(2018), A35(2019), A37(2019); for children 12-17 years: A34(2018),A36(2018), A35(2019),A37(2019)<br>Variable in public use data file: ADDTREAT; K2Q31A; K2Q31B |
| <b>Denominator</b>  | Children age 3-17 years   |
| <b>Numerator/Response Categories</b>  | 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 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 2018 and 2019 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 2018 and 2019 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 measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen ADHDBehTreat_1819 =. replace ADHDBehTreat_1819 =1 if k2q31a ==2   (k2q31a == 1 &amp; k2q31b == 2) replace ADHDBehTreat_1819 =99 if missing(ADHDBehTreat_1819) &amp; (k2q31a == (.m)   k2q31b == (.m)   addtreat == (.m)) replace ADHDBehTreat_1819 =2 if missing(ADHDBehTreat_1819) &amp; addtreat == 2 replace ADHDBehTreat_1819 =3 if missing(ADHDBehTreat_1819) &amp; addtreat == 1 replace ADHDBehTreat_1819 =95 if sc_age_years &lt; 3 label var ADHDBehTreat_1819 "Indicator 2.7c: Received behavioral treatment for ADD/ADHD, age 3-17 years"  #delimit ; label define ADHDBehTreat 1 "Do not currently have condition" 2 "Did not receive behavioral treatment" 3 "Received behavioral treatment" 95 "Children age 0-2 year"</pre> |   |

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99 "Missing to both questions"
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 ;#delimit cr
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label values ADHDBehTreat_1819 ADHDBehTreat
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| <b>Indicator 2.8</b>   | <b>Prevalence of Autism/ASD, age 3-17 years (AutismInd_1819)</b>  |
| <b>Description</b>   | Does this child currently have Autism or Autism Spectrum Disorder (ASD) including Asperger's Disorder, Pervasive Developmental Disorder, age 3-17 years?  |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: A28(2018) A27(2019); for children 6-11 years: A29(2018) A30(2019); for children 12-17 years: A29(2018) A30(2019)<br>Variable name in public use data file: K2Q35A; K2Q35B |
| <b>Denominator</b>   | Children age 3-17 years   |
| <b>Numerator/Response Categories</b>   | Does not have condition; Ever told, but does not currently have condition;<br>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 2018 and 2019 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 2018 and 2019 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 measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre>gen AutismInd_1819 =. replace AutismInd_1819 =1 if k2q35a ==2 replace AutismInd_1819 =2 if k2q35a ==1 &amp; k2q35b ==2 replace AutismInd_1819 =3 if k2q35a ==2 &amp; k2q35b ==1 replace AutismInd_1819 =99 if k2q35a ==.m   k2q35b ==.m replace AutismInd_1819 =95 if sc_age_years &lt; 3 replace AutismInd_1819 =3 if AutismInd_1819 ==. label var AutismInd_1819 "Indicator 2.8: Children who currently have autism or ASD, age 3-17 years." #delimit ; label define AutismInd 1 "Do not have condition" 2 "Ever told, but do not currently have condition" 3 "Currently have condition" 95 "Children age 0-2 years" 99 "Missing" ;#delimit cr  label values AutismInd_1819 AutismInd</pre> |   |

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|---|---|
| <b>Indicator 2.8a</b>   | <b>Severity of Autism/ASD, age 3-17 years (ASDSevInd_1819)</b>  |
| <b>Description</b>  | Would you describe this child’s current Autism or Autism Spectrum Disorder as mild, moderate or severe, age 3-17 years?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: A28(2018) A27(2019); for children 6-11 years: A29(2018) A30(2019); for children 12-17 years: A29(2018) A30(2019)<br>Variable name in public use data file: K2Q35A; K2Q35B; K2Q35C |
| <b>Denominator</b>  | Children age 3-17 years   |
| <b>Numerator/Response Categories</b>  | Does not currently have autism or ASD; Current autism or ASD, rated mild; Current autism or ASD, rated moderate or severe   |
| <b>Notes for Data-Users</b>   |   |
| <p>The 2018 and 2019 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 2018 and 2019 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 measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen ASDSevInd_1819 =. replace ASDSevInd_1819 =1 if k2q35a ==2   (k2q35a == 1 &amp; k2q35b == 2) replace ASDSevInd_1819 =2 if k2q35c ==1 replace ASDSevInd_1819 =3 if k2q35c ==2   k2q35c ==3 replace ASDSevInd_1819 =99 if k2q35a ==.m   k2q35b ==.m   k2q35c ==.m replace ASDSevInd_1819 =95 if sc_age_years &lt; 3 label var ASDSevInd_1819 "Indicator 2.8a: Parent-rated severity of current Autism or ASD, age 3-17 years"  #delimit ; label define ASDSevInd 1 "Do not currently have ASD" 2 "Current ASD, mild" 3 "Current ASD, rated moderate or severe" 95 "Children age 0-2 years" 99 "Missing" ;#delimit cr  label values ASDSevInd_1819 ASDSevInd</pre> |   |

|   |  |
|---|--|
| <b>Indicator 2.8b</b>   | <b>Medication for Autism/ASD, age 3-17 years (ASDMed_1819)</b>   |
| <b>Description</b>  | Is this child currently taking medication for Autism, Autism Spectrum Disorder, age 3-17 years?  |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: A28(2018),A31(2018) A27(2019), A30(2019); for children 6-11 years: A29(2018),A32(2018) A30(2019) A33(2019); for children 12-17 years: A29(2018),A32(2018) A30(2019), A33(2019)<br>Variables in public use data file: AUTISMMED; K2Q35A; K2Q35B |
| <b>Denominator</b>  | Children age 3-17 years  |
| <b>Numerator/Response Categories</b>  | 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 2018 and 2019 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 measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen ASDMed_1819 =. replace ASDMed_1819 =1 if k2q35a ==2   (k2q35a == 1 &amp; k2q35b == 2) replace ASDMed_1819 =99 if missing(ASDMed_1819) &amp; (k2q35b == (.m)   k2q35a == (.m)   autismmed == (.m)) replace ASDMed_1819 =2 if missing(ASDMed_1819) &amp; autismmed == 2 replace ASDMed_1819 =3 if missing(ASDMed_1819) &amp; autismmed == 1 replace ASDMed_1819 =95 if sc_age_years &lt; 3 label var ASDMed_1819 "Indicator 2.8b: Children currently taking medication for Autism or ASD, age 3-17 years" #delimit ; label define ASDMed 1 "Do not currently have condition" 2 "Current condition, not taking medication" 3 "Current condition, taking medication" 95 "Children age 0-2 year" 99 "Missing" ;#delimit cr  label values ASDMed_1819 ASDMed</pre> |  |

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|--|--|
| <b>Indicator 2.8c</b>  | <b>Received behavioral treatment for Autism/ASD, age 3-17 years (ASDBehTreat_1819)</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: A28(2018), A32(2018) A27(2019), A31(2019); for children 6-11 years: A29(2018), A33(2018), A30(2019), A34(2019); for children 12-17 years: A29(2018), A33(2018), A30(2019), A34(2019)<br>Variables in public use data file: AUTISMTREAT; 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". 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 2018 and 2019 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 measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen ASDBehTreat_1819 =. replace ASDBehTreat_1819 =1 if k2q35a ==2   (k2q35a == 1 &amp; k2q35b == 2) replace ASDBehTreat_1819 =99 if missing(ASDBehTreat_1819) &amp; (k2q35b == (.m)   k2q35a == (.m)   autismtreat == (.m)) replace ASDBehTreat_1819 =2 if missing(ASDBehTreat_1819) &amp; autismtreat == 2 replace ASDBehTreat_1819 =3 if missing(ASDBehTreat_1819) &amp; autismtreat == 1 replace ASDBehTreat_1819 =95 if sc_age_years &lt; 3 label var ASDBehTreat_1819 "Indicator 2.8c: Received behavioral treatment for autism or ASD, age 3-17 years"  #delimit ; label define ASDBehTreat 1 "Do not currently have condition" 2 "Did not receive behavioral treatment" 3 "Received behavioral treatment" 95 "Children age 0-2 year" </pre> |  |

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99 "Missing"  
;#delimit cr
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label values ASDBehTreat_1819 ASDBehTreat
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|---|---|
| <b>Indicator 2.8d</b>   | <b>Age of diagnosis for Autism/ASD, age 3-17 years (ASDAge_1819)</b>  |
| <b>Description</b>  | How old was this child when a doctor or other health care provider first told you that he or she had Autism, Autism Spectrum Disorder, Asperger's Disorder or Pervasive Developmental Disorder?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: A28, A29(2018), A27(2019); for children 6-11 years: A29(2018), A30, A31(2019); for children 12-17 years: A29(2018), A30, A31(2019)<br>Variables in public use data file: K2Q35A; K2Q35A_1_YEARS |
| <b>Denominator</b>  | Children age 3-17 years who have been diagnosed with ASD  |
| <b>Numerator/Response Categories</b>  | 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 2018 and 2019 NSCH is based on parent recollection and is not independently verified.   |   |
| <b>Revisions and Changes</b>  |   |
| There have been no substantive changes to this measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen ASDAge_1819 = replace ASDAge_1819 =1 if k2q35a_1_years ==0   k2q35a_1_years ==1   k2q35a_1_years ==2 replace ASDAge_1819 =2 if k2q35a_1_years ==3   k2q35a_1_years ==4   k2q35a_1_years ==5 replace ASDAge_1819 =3 if k2q35a_1_years ==6   k2q35a_1_years ==7   k2q35a_1_years ==8   k2q35a_1_years ==9   k2q35a_1_years ==10   k2q35a_1_years ==11   k2q35a_1_years ==12   k2q35a_1_years ==13   k2q35a_1_years ==14   k2q35a_1_years ==15   k2q35a_1_years ==16   k2q35a_1_years ==17 replace ASDAge_1819 =99 if k2q35a_1_years == .m replace ASDAge_1819 =4 if k2q35a == 2 replace ASDAge_1819 =95 if sc_age_years &lt; 3 label var ASDAge_1819 "Indicator 2.8d: Age of diagnosis for autism or ASD, age 3-17 years"  #delimit ; label define ASDAge 1 "At younger than 3 years of age" 2 "Between 3-5 years of age" 3 "At older than 5 years of age" 4 "Never told that child has ASD" 95 "Children age 0-2 year" 99 "Don't know/Missing" ;#delimit cr label values ASDAge_1819 ASDAge </pre> |   |

|  |   |
|--|---|
| <b>Indicator 2.8e</b>  | <b>Type of doctor or health care provider first to tell that child had Autism/ASD, age 3-17 years (ASDDrType_1819)</b>  |
| <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: A28(2018), A30(2018) A27(2019), A29(2019); for children 6-11 years: A29(2018), A31(2018), A30(2019), A32(2019); for children 12-17 years: A29(2018), A31(2018), A30(2019), A32(2019)<br>Variable name 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 2018 and 2019 NSCH is based on parent recollection and is not independently verified.  |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen ASDDrType_1819 =. replace ASDDrType_1819 =1 if k2q35d == 1 replace ASDDrType_1819 =2 if k2q35d == 2 replace ASDDrType_1819 =3 if k2q35d == 3   k2q35d == 4 replace ASDDrType_1819 =4 if k2q35d == 5 replace ASDDrType_1819 =5 if k2q35d == 6 replace ASDDrType_1819 =6 if k2q35a == 2 replace ASDDrType_1819 =99 if k2q35d == 7   k2q35d ==.m replace ASDDrType_1819 =95 if sc_age_years &lt; 3 label var ASDDrType_1819 "Indicator 2.8e: Type of doctor who was the first to tell that the child had autism/ASD, age 3-17 years"  #delimit ; label define ASDDrType 1 "Primary care provider" 2 "Specialist" 3 "Psychologist/Counselor (school or non-school)" 4 "Psychiatrist" 5 "Other health care provider" 6 "Never told that child has autism/ASD" 95 "Children age 0-2 year" 99 "Don't know/Missing" </pre> |   |

```
;  
#delimit cr
```

```
label values ASDDrType_1819 ASDDrType
```



Child and Family Health Measures – Emotional and Mental Health

|   |  |
|---|--|
| <b>Indicator 2.9</b>  | <b>Medication for ADD/ADHD, autism/ASD, or other emotional/behavioral difficulties, age 3-17 years (MedEmotion_1819)</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: A31(2018), A34(2018), C21(2018) A30(2019), A33(2019), C19(2019); for children 6-11 years: A32(2018), A35(2018), A33(2019), A36(2019), C19; for children 12-17 years: A32(2018), A35(2018), A33(2019), A36(2019), C20<br>Variable in public use data file: AUTISMMED; 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 2018 and 2019 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 measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen MedEmotion_1819 =. replace MedEmotion_1819 =1 if k4q23 ==1   k2q31d ==1   autismmed ==1 replace MedEmotion_1819 =2 if missing(MedEmotion_1819) &amp; k4q23 == 2 replace MedEmotion_1819 =99 if missing(MedEmotion_1819) &amp; k4q23 ==.m replace MedEmotion_1819 =95 if sc_age_years &lt; 3 label var MedEmotion_1819 "Indicator 2.9: Children who are taking medication for ADD/ADHD, ASD, difficulties with emotions, concentration, or behavior, age 3-17 years"  #delimit ; label define MedEmotion 1 "Yes" 2 "No" 95 "Children age 0-2 year" 99 "Missing" ;#delimit cr  label values MedEmotion_1819 MedEmotion</pre> |  |

|  |  |
|--|--|
| <b>Indicator 2.10</b>  | <b>Mental, emotional, developmental or behavioral problems, age 3-17 years (MEDB10ScrQ5_1819)</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>   | Survey instrument item numbers for children 0-5 years: A15-A17, A22-26, A28(2018), A33(2018), A27(2019), A32(2019); for children 6-11 years: A17-A19, A25-29, A28(2018), A34(2018), A30(2019), A35(2019); for children 12-17 years: A17-A19, A25-29, A34(2018), A30(2019), A35(2019); The screener item numbers: 10 for all children<br><br>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; |
| <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>   |  |
| This measure was added in 2018. There have been no substantive changes to this measure since 2018.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre>gen MEDB10ScrQ5_1819 = 2  replace MEDB10ScrQ5_1819 = 1 if (ADHD_1819==3   depress_1819==3   anxiety_1819==3   behavior_1819==3   autism_1819==3   DevDelay_1819==3   tourette_1819==3   speech_1819==3   IntDisab_1819==3   learning_1819==3)   mhneeds_1819==1 replace MEDB10ScrQ5_1819 = 99 if (ADHD_1819==99 &amp; depress_1819==99 &amp; anxiety_1819==99 &amp; behavior_1819==99 &amp; autism_1819==99 &amp; DevDelay_1819==99 &amp; tourette_1819==99 &amp; speech_1819==99 &amp; IntDisab_1819==99 &amp; learning_1819==99) &amp; mhneeds_1819==99 replace MEDB10ScrQ5_1819 = 95 if sc_age_years &lt; 3</pre>  |  |

```
label var MEDB10ScrQ5_1819 "Indicator 2.10: Children with mental, emotional, developmental or behavioral conditions, age 3-17"
```

```
#delimit ;
```

```
label define MEDB10ScrQ5
```

```
1 "Yes"
```

```
2 "No"
```

```
99 "Missing"
```

```
95 "Children age 0-2 years"
```

```
;;#delimit cr
```

```
label values MEDB10ScrQ5_1819 MEDB10ScrQ5
```

*Health Insurance Coverage*

|   |  |
|---|--|
| <b>Indicator 3.1</b>  | <b>Current health insurance status (CurrIns_1819)</b>  |
| <b>Description</b>  | Is this child currently covered by health insurance or health coverage plans?  |
| <b>Survey Items Used</b>  | 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<br>Variable in public use data file: CURRINS (derived) |
| <b>Denominator</b>  | Children age 0-17 years  |
| <b>Numerator/Response Categories</b>  | Insured at time of survey; Not insured at time of survey   |
| <b>Notes for Data-Users</b>   |  |
| <p>This measure was derived using the CURRINS variable provided in the 2018 and 2019 NSCH public use data files. CURRINS 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 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.</p> |  |
| <b>Revisions and Changes</b>  |  |
| There have been no substantive changes to this measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen CurrIns_1819 = currins replace CurrIns_1819 =99 if CurrIns_1819 ==.m label var CurrIns_1819 "Indicator 3.1: Health insurance status at time of survey"  #delimit ; label define CurrIns 1 "Insured at time of survey" 2 "Not insured/Indian HS/religious health share" 99 "Missing to any" ;#delimit cr  label values CurrIns_1819 CurrIns</pre>   |  |

Child and Family Health Measures – Health Insurance Coverage

|   |  |
|---|--|
| <b>Indicator 3.2</b>  | <b>Consistency of insurance coverage (InsGap_1819)</b>   |
| <b>Description</b>  | Did this child have consistent health insurance coverage during the past 12 months?  |
| <b>Survey Items Used</b>  | 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<br>Variable in public use data file: CURRINS (derived); INSGAP (derived) |
| <b>Denominator</b>  | Children age 0-17 years  |
| <b>Numerator/Response Categories</b>  | Consistently insured throughout past year; Currently uninsured or periods without coverage   |
| <b>Notes for Data-Users</b>   |  |
| <p>This measure is derived using the INSGAP variable provided in the 2018 and 2019 NSCH public use data files. 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 with any 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.</p> |  |
| <b>Revisions and Changes</b>  |  |
| There have been no substantive changes to this measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen InsGap_1819 =. replace InsGap_1819 =1 if insgap ==1 replace InsGap_1819 =2 if insgap ==2   insgap ==3 replace InsGap_1819 =2 if currins ==2 replace InsGap_1819 =99 if insgap ==.m label var InsGap_1819 "Indicator 3.2: Children who had consistent health insurance coverage during the past 12 months"  #delimit ; label define InsGap 1 "Consistently insured throughout past year" 2 "Currently uninsured/had a gap in coverage" 99 "Missing" ;#delimit cr label values InsGap_1819 InsGap  gen NoCovEmp_1819 = k12q01_a replace NoCovEmp_1819 =99 if insgap ==.m   NoCovEmp_1819 ==.m</pre>  |  |

```

replace NoCovEmp_1819 =90 if insgap ==1
label var NoCovEmp_1819 "Children who were not covered by health insurance due to change in parent's
employment status"

#delimit ;
label define NoCovEmp
1 "Gap related to employment change"
2 "Gap not related to employment change"
90 "Insured continuously all year"
99 "Missing"
;#delimit cr
label values NoCovEmp_1819 NoCovEmp

gen NoCovOverdue_1819 = k12q01_b
replace NoCovOverdue_1819 =99 if insgap ==.m | NoCovOverdue_1819 ==.m
replace NoCovOverdue_1819 =90 if insgap ==1
label var NoCovOverdue_1819 "Children who were not covered by health insurance because of
cancellation due to overdue premium"

#delimit ;
label define NoCovOverdue
1 "Gap related to overdue premium"
2 "Gap not related to overdue premium"
90 "Insured continuously all year"
99 "Missing"
;#delimit cr
label values NoCovOverdue_1819 NoCovOverdue

gen NoCovUnafford_1819 = k12q01_c
replace NoCovUnafford_1819 =99 if insgap ==.m | NoCovUnafford_1819 ==.m
replace NoCovUnafford_1819 =90 if insgap ==1
label var NoCovUnafford_1819 "Dropped health insurance coverage because it was unaffordable"

#delimit ;
label define NoCovUnafford
1 "Gap related to unaffordability"
2 "Gap not related to unaffordability"
90 "Insured continuously all year"
99 "Missing"
;#delimit cr
label values NoCovUnafford_1819 NoCovUnafford

gen NoCovBenInadeq_1819 = k12q01_d
replace NoCovBenInadeq_1819 =99 if insgap ==.m | NoCovBenInadeq_1819 ==.m
replace NoCovBenInadeq_1819 =90 if insgap ==1
label var NoCovBenInadeq_1819 "Dropped health insurance coverage because benefits were inadequate"

#delimit ;
label define NoCovBenInadeq

```

Child and Family Health Measures – Health Insurance Coverage

```
1 "Gap related to inadequacy of coverage"
2 "Gap not related to inadequacy of coverage"
90 "Insured continuously all year"
99 "Missing"
;#delimit cr
label values NoCovBenInadeq_1819 NoCovBenInadeq

gen NoCovProvInadeq_1819 = k12q01_e
replace NoCovProvInadeq_1819 =99 if insgap ==.m | NoCovProvInadeq_1819 ==.m
replace NoCovProvInadeq_1819 =90 if insgap ==1
label var NoCovProvInadeq_1819 "Dropped health insurance coverage because choice of health care
provider was inadequate"

#delimit ;
label define NoCovProvInadeq
1 "Gap related to inadequacy of provider options"
2 "Gap not related to provider options"
90 "Insured continuously all year"
99 "Missing"
;#delimit cr
label values NoCovProvInadeq_1819 NoCovProvInadeq

gen NoCovRenew_1819 = k12q01_f
replace NoCovRenew_1819 =99 if insgap ==.m | NoCovRenew_1819 ==.m
replace NoCovRenew_1819 =90 if insgap ==1
label var NoCovRenew_1819 "Child was not covered by insurance due to problems with application or
renewal process"

#delimit ;
label define NoCovRenew
1 "Gap related to renewal/application process"
2 "Gap not related to renewal/application process"
90 "Insured continuously all year"
99 "Missing"
;#delimit cr
label values NoCovRenew_1819 NoCovRenew
```

Child and Family Health Measures – Health Insurance Coverage

|  |   |
|--|---|
| <b>Indicator 3.3</b>   | <b>Type of health insurance (InsType_1819)</b>  |
| <b>Description</b>   | What type of health insurance coverage, if any, did the child have at the time of the survey?   |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: E4(a – f), ; for children 6-11 years: E4(a – f) ; for children 12-17 years: E4(a – f)<br>Variable in public use data file: CURRINS (derived); INSTYPE (derived); K12Q03; K12Q04; K12Q12; TRICARE; K11Q03R; HCCOVOTH |
| <b>Denominator</b>   | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>   | Public health insurance only; Private health insurance only; Public and private insurance; Currently uninsured  |
| <b>Notes for Data-Users</b>  |   |
| <p>This measure was derived using the constructed INSTYPE variable provided in the 2018 and 2019 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”, or “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”.</p> |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre>gen InsType_1819 = instype replace InsType_1819 =4 if instype ==5 replace InsType_1819 =99 if InsType_1819 ==.m label var InsType_1819 "Indicator 3.3: Type of health insurance at time of the survey"  #delimit ; label define InsType 1 "Public health insurance only" 2 "Private health insurance only" 3 "Public and private insurance" 4 "Currently uninsured" 99 "Missing" ;#delimit cr label values InsType_1819 InsType</pre>   |   |



Child and Family Health Measures – Health Insurance Coverage

|   |  |
|---|--|
| <b>Indicator 3.4</b>  | <b>Adequacy of current insurance (InsAdeq_1819)</b>  |
| <b>Description</b>  | Is this child's current insurance coverage usually/always adequate to meet his/her needs?  |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: E3, E5, E6, F1, F2; for children 6-11 years: E3, E5, E6, F1, F2; for children 12-17 years: E3, E5, E6, F1, F2<br>Variables in public use data file: CURRINS; HOWMUCH; K3Q20; K3Q21B; K3Q22 |
| <b>Denominator</b>  | Children age 0-17 years who are currently insured  |
| <b>Numerator/Response Categories</b>  | 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 measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen benefits_1819 = replace benefits_1819 =1 if k3q20 ==1 replace benefits_1819 =2 if k3q20 ==2 replace benefits_1819 =3 if k3q20 ==3   k3q20 ==4 replace benefits_1819 =99 if k3q20 ==.m replace benefits_1819 =99 if currins ==.m replace benefits_1819 =90 if currins ==2 label var benefits_1819 "Current insurance benefits meet children's needs"  #delimit ; label define benefits 1 "Always" 2 "Usually" 3 "Sometimes or never" 90 "Uninsured" 99 "Missing" ;#delimit cr label values benefits_1819 benefits</pre>   |  |

```

gen allows_1819 =.
replace allows_1819 =1 if k3q22 ==1
replace allows_1819 =2 if k3q22 ==2
replace allows_1819 =3 if k3q22 ==3 | k3q22 ==4
replace allows_1819 =99 if k3q22 ==.m
replace allows_1819 =99 if currins ==.m
replace allows_1819 =90 if currins ==2
label var allows_1819 "Current insurance coverage allows children to see needed providers"

#delimit ;
label define allows
1 "Always"
2 "Usually"
3 "Sometimes or never"
90 "Uninsured"
99 "Missing"
;#delimit cr
label values allows_1819 allows

gen expense_1819 =.
replace expense_1819 =1 if k3q21b ==1
replace expense_1819 =2 if k3q21b ==2
replace expense_1819 =3 if k3q21b ==3 | k3q21b ==4
replace expense_1819 =99 if k3q21b ==.m
replace expense_1819 =4 if howmuch ==1
replace expense_1819 =99 if currins ==.m
replace expense_1819 =90 if currins ==2
label var expense_1819 "Current insurance out-of-pocket costs are reasonable"

#delimit ;
label define expense
1 "Always"
2 "Usually"
3 "Sometimes or never"
4 "No out-of-pocket costs"
90 "Uninsured"
99 "Missing"
;#delimit cr
label values expense_1819 expense

gen InsAdeq_1819 =.
replace InsAdeq_1819 =1 if (benefits_1819 == 1 | benefits_1819 ==2 | benefits_1819 ==99) &
(allows_1819 == 1 | allows_1819 ==2 | allows_1819 ==99) & (expense_1819 == 1 | expense_1819 ==2 |
expense_1819 ==4 | expense_1819 ==99)
replace InsAdeq_1819 =2 if benefits_1819 ==3 | allows_1819 ==3 | expense_1819 ==3
replace InsAdeq_1819 =99 if benefits_1819 ==99 & allows_1819 ==99 & expense_1819 ==99
replace InsAdeq_1819 =90 if currins == 2
label var InsAdeq_1819 "Indicator 3.4: Adequacy of current insurance coverage"

```

```
#delimit ;  
label define InsAdeq  
1 "Insurance is adequate"  
2 "Insurance is NOT adequate"  
90 "Uninsured"  
99 "Missing to all"  
;#delimit cr  
label values InsAdeq_1819 InsAdeq
```

Child and Family Health Measures – Health Insurance Coverage

|   |  |
|---|--|
| <b>Indicator 3.4a</b>   | <b>Adequate and continuous insurance (Insurance_1819)</b>  |
| <b>Description</b>  | Is this child adequately and continuously insured; that is, is their current insurance adequate and were they insured for the entire past 12 months?   |
| <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<br>Variables in public use data file: CURRINS; HOWMUCH; INSGAP; K3Q20; K3Q21B; K3Q22 |
| <b>Denominator</b>  | Children age 0-17 years  |
| <b>Numerator/Response Categories</b>  | Current insurance is adequate and continuously insured in past year; Current insurance is inadequate and/or had gap in insurance coverage in past year   |
| <b>Notes for Data-Users</b>   |  |
| <p>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 healthcare 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.</p> |  |
| <b>Revisions and Changes</b>  |  |
| There have been no substantive changes to this measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen CurrIns_1819 = currins replace CurrIns_1819 =99 if CurrIns_1819 ==.m label var CurrIns_1819 "Indicator 3.1: Health insurance status at time of survey"  #delimit ; label define CurrIns 1 "Insured at time of survey" 2 "Not insured/Indian HS/religious health share" 99 "Missing to any" ;#delimit cr  label values CurrIns_1819 CurrIns  gen InsGap_1819 =. replace InsGap_1819 =1 if insgap ==1 replace InsGap_1819 =2 if insgap ==2   insgap ==3</pre>  |  |

```
replace InsGap_1819 =2 if currins ==2
replace InsGap_1819 =99 if insgap ==.m
label var InsGap_1819 "Indicator 3.2: Children who had consistent health insurance coverage during the past 12 months"
```

```
#delimit ;
label define InsGap
1 "Consistently insured throughout past year"
2 "Currently uninsured/had a gap in coverage"
99 "Missing"
;#delimit cr
label values InsGap_1819 InsGap
```

```
gen benefits_1819 =.
replace benefits_1819 =1 if k3q20 ==1
replace benefits_1819 =2 if k3q20 ==2
replace benefits_1819 =3 if k3q20 ==3 | k3q20 ==4
replace benefits_1819 =99 if k3q20 ==.m
replace benefits_1819 =99 if currins ==.m
replace benefits_1819 =90 if currins ==2
label var benefits_1819 "Current insurance benefits meet children's needs"
```

```
#delimit ;
label define benefits
1 "Always"
2 "Usually"
3 "Sometimes or never"
90 "Uninsured"
99 "Missing"
;#delimit cr
label values benefits_1819 benefits
```

```
gen allows_1819 =.
replace allows_1819 =1 if k3q22 ==1
replace allows_1819 =2 if k3q22 ==2
replace allows_1819 =3 if k3q22 ==3 | k3q22 ==4
replace allows_1819 =99 if k3q22 ==.m
replace allows_1819 =99 if currins ==.m
replace allows_1819 =90 if currins ==2
label var allows_1819 "Current insurance coverage allows children to see needed providers"
```

```
#delimit ;
label define allows
1 "Always"
2 "Usually"
3 "Sometimes or never"
90 "Uninsured"
99 "Missing"
```

```

;#delimit cr
label values allows_1819 allows

gen expense_1819 =.
replace expense_1819 =1 if k3q21b ==1
replace expense_1819 =2 if k3q21b ==2
replace expense_1819 =3 if k3q21b ==3 | k3q21b ==4
replace expense_1819 =99 if k3q21b ==.m
replace expense_1819 =4 if howmuch ==1
replace expense_1819 =99 if currins ==.m
replace expense_1819 =90 if currins ==2
label var expense_1819 "Current insurance out-of-pocket costs are reasonable"

#delimit ;
label define expense
1 "Always"
2 "Usually"
3 "Sometimes or never"
4 "No out-of-pocket costs"
90 "Uninsured"
99 "Missing"
;#delimit cr
label values expense_1819 expense

gen InsAdeq_1819 =.
replace InsAdeq_1819 =1 if (benefits_1819 == 1 | benefits_1819 ==2 | benefits_1819 ==99) &
(allows_1819 == 1 | allows_1819 ==2 | allows_1819 ==99) & (expense_1819 == 1 | expense_1819 ==2 |
expense_1819 ==4 | expense_1819 ==99)
replace InsAdeq_1819 =2 if benefits_1819 ==3 | allows_1819 ==3 | expense_1819 ==3
replace InsAdeq_1819 =99 if benefits_1819 ==99 & allows_1819 ==99 & expense_1819 ==99
replace InsAdeq_1819 =90 if currins == 2
label var InsAdeq_1819 "Indicator 3.4: Adequacy of current insurance coverage"

#delimit ;
label define InsAdeq
1 "Insurance is adequate"
2 "Insurance is NOT adequate"
90 "Uninsured"
99 "Missing to all"
;#delimit cr
label values InsAdeq_1819 InsAdeq

gen Insurance_1819 =.
replace Insurance_1819 =1 if (InsGap_1819 == 1 | InsGap_1819 ==99) & (InsAdeq_1819 ==1 |
InsAdeq_1819 ==99)
replace Insurance_1819 =2 if CurrIns_1819 ==2 | InsGap_1819 ==2 | InsAdeq_1819 ==2
replace Insurance_1819 =99 if InsGap_1819 ==99 & InsAdeq_1819 ==99
label var Insurance_1819 "Indicator 3.4a: Adequate and continuous insurance"

```

Child and Family Health Measures – Health Insurance Coverage

```
#delimit ;  
label define insurance  
1 "Consistently insured and insurance is adequate"  
2 "Had coverage gap or inadequate insurance"  
99 "Missing to any"  
;#delimit cr  
label values Insurance_1819 insurance
```

Child and Family Health Measures – Health Insurance Coverage

|  |  |
|--|--|
| <b>Indicator 3.5</b>   | <b>Adequacy of insurance coverage for mental health care, age 3-17 years (InsMentH_1819)</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<br>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 2018 and 2019 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 measure since 2016.   |  |
| <pre> gen InsMentH_1819 =. replace InsMentH_1819 =1 if menbevcov ==1 replace InsMentH_1819 =2 if menbevcov ==2 replace InsMentH_1819 =3 if menbevcov ==3   menbevcov ==4 replace InsMentH_1819 =90 if menbevcov ==5 replace InsMentH_1819 =99 if menbevcov ==.m replace InsMentH_1819 =90 if currins ==2 replace InsMentH_1819 =99 if currins ==.m replace InsMentH_1819 =95 if sc_age_years &lt;3 label var InsMentH_1819 "Indicator 3.5: Adequacy of insurance coverage for mental/behavioral health care, age 3-17 years"  #delimit ; label define InsMentH 1 "Always" 2 "Usually" 3 "Sometimes or never" 90 "Did not receive MH services/Uninsured" 95 "Children age 0-2 years" 99 "Missing" ;#delimit cr label values InsMentH_1819 InsMentH </pre> |  |



Child and Family Health Measures – Health Insurance Coverage

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|--|--|
| <b>Indicator 3.6</b>   | <b>Out-of-pocket cost for medical and health care (OutOfPckt_1819)</b>   |
| <b>Description</b>   | 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? |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: F1; for children 6-11 years: F1; for children 12-17 years: F1<br>Variable in public use data file: HOWMUCH   |
| <b>Denominator</b>   | Children age 0-17 years  |
| <b>Numerator/Response Categories</b>   | 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 measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen OutOfPckt_1819 =. replace OutOfPckt_1819 =1 if howmuch ==1   howmuch ==2 replace OutOfPckt_1819 =2 if howmuch ==3 replace OutOfPckt_1819 =3 if howmuch ==4 replace OutOfPckt_1819 =4 if howmuch ==5 replace OutOfPckt_1819 =5 if howmuch ==6 replace OutOfPckt_1819 =99 if howmuch ==.m label var OutOfPckt_1819 "Indicator 3.6: Out-of-pocket costs for child's health care during the past 12 months"  #delimit ; label define OutOfPckt 1 "Less than \$250" 2 "\$250 - \$499" 3 "\$500 - \$999" 4 "\$1000 - \$5000" 5 "More than \$5000" 99 "Missing" ;#delimit cr label values OutOfPckt_1819 OutOfPckt </pre> |  |

*Health Care Access and Quality*

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|--|---|
| <b>Indicator 4.1b</b>  | <b>Time with doctor during the preventive care visit/check-up (VisitTime_1819)</b>  |
| <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<br>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 measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen VisitTime_1819 = docroom replace VisitTime_1819 =90 if s4q01 ==2   k4q20r ==1 replace VisitTime_1819 =99 if s4q01 ==.m   k4q20r ==.m replace VisitTime_1819 =99 if VisitTime_1819 ==.m label var VisitTime_1819 "Indicator 4.1b: Time with doctor during last preventive check-up"  #delimit ; label define VisitTime 1 "Less than 10 minutes" 2 "10-20 minutes" 3 "More than 20 minutes" 90 "No preventive care visits" 99 "Missing" ;#delimit cr  label values VisitTime_1819 VisitTime </pre> |   |

|  |   |
|--|---|
| <b>Indicator 4.1c</b>  | <b>Doctor spoke with child privately, age 12-17 years (PrivateTalk_1819)</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<br>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 item or 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen PrivateTalk_1819 = docprivate replace PrivateTalk_1819 =99 if s4q01 ==.m replace PrivateTalk_1819 =90 if s4q01 ==2 replace PrivateTalk_1819 =95 if sc_age_years &lt; 12 replace PrivateTalk_1819 =99 if PrivateTalk_1819 ==.m label var PrivateTalk_1819 "Indicator 4.1c: Children whose doctors spoke with them privately, age 12-17 years"  #delimit ; label define PrivateTalk 1 "Yes" 2 "No" 90 "No medical care visits" 95 "Children age 0-11 years" 99 "Missing" ;#delimit cr label values PrivateTalk_1819 PrivateTalk </pre> |   |

|   |  |
|---|--|
| <b>Indicator 4.2</b>  | <b>Dentist visit, age 1-17 years (DentCare_1819)</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: C16 (2018), C14 (2019); for children age 6-11 years: C14; for children 12-17 years: C15<br>Variable in public use data file: K4Q30_R |
| <b>Denominator</b>  | Children age 1-17 years  |
| <b>Numerator/Response Categories</b>  | Saw a dentist other oral health care provider; 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 measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre> gen DentCare_1819 = k4q30_r replace DentCare_1819 =90 if sc_age_years &lt; 1 replace DentCare_1819 =99 if DentCare_1819 ==.m label var DentCare_1819 "Indicator 4.2: Children who received dental care during the past 12 months, age 1-17 years"  #delimit ; label define DentCare 1 "Saw a dentist" 2 "Saw other oral health care provider" 3 "No dental or oral health care visits" 90 "Children less than 1 year old" 99 "Missing" ;#delimit cr  label values DentCare_1819 DentCare </pre> |  |

|  |  |
|--|--|
| <b>Indicator 4.2a</b>  | <b>Preventive dental visit, age 1-17 years (PrevDent_1819)</b>   |
| <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: C16 (2018), C14 (2019), C17 (2018), C15 (2019); for children 6-11 years: C14, C15; for children 12-17 years: C15, C16<br>Variable in public use data file: K4Q30_R; 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 measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen PrevDent_1819 =. replace PrevDent_1819 =1 if dentistvisit ==2   dentistvisit ==3 replace PrevDent_1819 =2 if dentistvisit ==1 replace PrevDent_1819 =99 if dentistvisit ==.m replace PrevDent_1819 =2 if k4q30_r ==3 replace PrevDent_1819 =99 if k4q30_r ==.m replace PrevDent_1819 =90 if sc_age_years &lt; 1 label var PrevDent_1819 "Indicator 4.2a: Children who had 1 or more preventive dental care visits, age 1-17 years"  #delimit ; label define PrevDent 1 "One or more preventive visits" 2 "No preventive visits" 90 "Children less than 1 year old" 99 "Missing" ;#delimit cr label values PrevDent_1819 PrevDent  gen DentCheck_1819 =. replace DentCheck_1819 =1 if dentalserv1 ==1 replace DentCheck_1819 =2 if dentalserv1 ==2 replace DentCheck_1819 =3 if dentistvisit ==1   k4q30_r ==3 replace DentCheck_1819 =99 if dentistvisit ==.m &amp; dentalserv1 ==2 </pre> |  |

```

replace DentCheck_1819 =99 if k4q30_r ==.m
replace DentCheck_1819 =99 if dentalserv7 ==1 & (dentalserv1 ==2 & dentalserv2 ==2 & dentalserv3
==2 & dentalserv4 ==2 & dentalserv5 ==2 & dentalserv6 ==2)
replace DentCheck_1819 =90 if sc_age_years < 1
label var DentCheck_1819 "Children who received dental check-up during the past 12 months, age 1-17
years"

#delimit ;
label define DentCheck
1 "Received dental check-up"
2 "Received preventive dental care, but not dental check-up"
3 "Did not receive preventive dental care"
90 "Children less than 1 year old"
99 "Missing"
;#delimit cr
label values DentCheck_1819 DentCheck

gen DentCleaning_1819 =.
replace DentCleaning_1819 =1 if dentalserv2 ==1
replace DentCleaning_1819 =2 if dentalserv2 ==2
replace DentCleaning_1819 =3 if dentistvisit ==1 | k4q30_r ==3
replace DentCleaning_1819 =99 if dentistvisit ==.m & dentalserv2 ==2
replace DentCleaning_1819 =99 if k4q30_r ==.m
replace DentCleaning_1819 =99 if dentalserv7 ==1 & (dentalserv1 ==2 & dentalserv2 ==2 & dentalserv3
==2 & dentalserv4 ==2 & dentalserv5 ==2 & dentalserv6 ==2)
replace DentCleaning_1819 =90 if sc_age_years < 1
label var DentCleaning_1819 "Children who received dental cleaning during the past 12 months, age 1-
17 years"

#delimit ;
label define DentCleaning
1 "Had dental cleaning"
2 "Preventive dental care, not cleaning"
3 "Did not receive preventive dental care"
90 "Children less than 1 year old"
99 "Missing"
;#delimit cr
label values DentCleaning_1819 DentCleaning

gen DentInstruct_1819 =.
replace DentInstruct_1819 =1 if dentalserv3 ==1
replace DentInstruct_1819 =2 if dentalserv3 ==2
replace DentInstruct_1819 =3 if dentistvisit ==1 | k4q30_r ==3
replace DentInstruct_1819 =99 if dentistvisit ==.m & dentalserv3 ==2
replace DentInstruct_1819 =99 if k4q30_r ==.m
replace DentInstruct_1819 =99 if dentalserv7 ==1 & (dentalserv1 ==2 & dentalserv2 ==2 & dentalserv3
==2 & dentalserv4 ==2 & dentalserv5 ==2 & dentalserv6 ==2)
replace DentInstruct_1819 =90 if sc_age_years < 1

```

```
label var DentInstruct_1819 "Children who received instruction oral health care during the past 12 months, age 1-17 years"
```

```
#delimit ;
```

```
label define DentInstruct
```

```
1 "Received instruction on oral health care"
```

```
2 "Preventive dental care, but not instructions"
```

```
3 "Did not receive preventive dental care"
```

```
90 "Did not receive preventive dental care"
```

```
99 "Missing"
```

```
;;#delimit cr
```

```
label values DentInstruct_1819 DentInstruct
```

```
gen DentXray_1819 =.
```

```
replace DentXray_1819 =1 if dentalserv4 ==1
```

```
replace DentXray_1819 =2 if dentalserv4 ==2
```

```
replace DentXray_1819 =3 if dentistvisit ==1 | k4q30_r ==3
```

```
replace DentXray_1819 =99 if dentistvisit ==.m & dentalserv4 ==2
```

```
replace DentXray_1819 =99 if k4q30_r ==.m
```

```
replace DentXray_1819 =99 if dentalserv7 ==1 & (dentalserv1 ==2 & dentalserv2 ==2 & dentalserv3 ==2 & dentalserv4 ==2 & dentalserv5 ==2 & dentalserv6 ==2)
```

```
replace DentXray_1819 =90 if sc_age_years < 1
```

```
label var DentXray_1819 "Children who received dental X-rays during the past 12 months"
```

```
#delimit ;
```

```
label define DentXray
```

```
1 "Had dental X-ray"
```

```
2 "Preventive dental care, but not X-ray"
```

```
3 "Did not receive preventive dental care"
```

```
90 "Children less than 1 year old"
```

```
99 "Missing"
```

```
;;#delimit cr
```

```
label values DentXray_1819 DentXray
```

```
gen fluoride_1819 =.
```

```
replace fluoride_1819 =1 if dentalserv5 ==1
```

```
replace fluoride_1819 =2 if dentalserv5 ==2
```

```
replace fluoride_1819 =3 if dentistvisit ==1 | k4q30_r ==3
```

```
replace fluoride_1819 =99 if dentistvisit ==.m & dentalserv5 ==2
```

```
replace fluoride_1819 =99 if k4q30_r ==.m
```

```
replace fluoride_1819 =99 if dentalserv7 ==1 & (dentalserv1 ==2 & dentalserv2 ==2 & dentalserv3 ==2 & dentalserv4 ==2 & dentalserv5 ==2 & dentalserv6 ==2)
```

```
replace fluoride_1819 =90 if sc_age_years < 1
```

```
label var fluoride_1819 "Children who received fluoride treatment during the past 12 months, age 1-17 years"
```

```
#delimit ;
```

```
label define fluoride
```

```
1 "Received fluoride treatment"
```

```

2 "Preventive dental care, not fluoride treatment"
3 "Did not receive preventive dental care"
90 "Children less than 1 year old"
99 "Missing"
;#delimit cr
label values fluoride_1819 fluoride

gen sealant_1819 =.
replace sealant_1819 =1 if dentalserv6 ==1
replace sealant_1819 =2 if dentalserv6 ==2
replace sealant_1819 =3 if dentistvisit ==1 | k4q30_r ==3
replace sealant_1819 =99 if dentistvisit ==.m & dentalserv6 ==2
replace sealant_1819 =99 if k4q30_r ==.m
replace sealant_1819 =99 if dentalserv7 ==1 & (dentalserv1 ==2 & dentalserv2 ==2 & dentalserv3 ==2 &
dentalserv4 ==2 & dentalserv5 ==2 & dentalserv6 ==2)
replace sealant_1819 =90 if sc_age_years < 1
label var sealant_1819 "Children who received dental sealant during the past 12 months, age 1-17
years"

#delimit ;
label define sealant
1 "Had dental sealant"
2 "Preventive dental care, not dental sealant"
3 "Did not receive preventive dental care"
90 "Children less than 1 year old"
99 "Missing"
;#delimit cr
label values sealant_1819 sealant

```



|  |   |
|--|---|
| <b>Indicator 4.4</b>   | <b>Received mental health care, age 3-17 years (MentHCare_1819)</b>   |
| <b>Description</b>   | During the past 12 months, has this child received any treatment or counseling from a mental health professional, age 3-17 years?   |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: C19 (2018) C17 (2019); for children 6-11 years: C17; for children 12-17 years: C18<br>Variable in public use data file: K4Q22_R |
| <b>Denominator</b>   | Children age 3-17 years   |
| <b>Numerator/Response Categories</b>   | 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 measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen MentHCare_1819 = k4q22_r replace MentHCare_1819 =90 if sc_age_years &lt; 3 replace MentHCare_1819 =99 if MentHCare_1819 ==.m label var MentHCare_1819 "Indicator 4.4: Children who received treatment/counseling from a MH professional, age 3-17 years"  #delimit ; label define MentHCare 1 "Received mental health care" 2 "No, but needed to see a MH professional" 3 "No, did not need to see a MH professional" 90 "Children age 0-2 years" 99 "Missing" ;#delimit cr label values MentHCare_1819 MentHCare </pre> |   |

|  |  |
|--|--|
| <b>Indicator 4.4 a</b>   | <b>Difficulties obtaining mental health care, age 3-17 year (MentHDiff_1819)</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: C19(2018), C17(2019), C20; for children 6-11 years: C17, C18; for children 12-17 years: C18, C19<br>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>   | Received or needed mental health care and did not have difficulty getting it; Received or needed mental health care but it was somewhat difficult to get it; Received or needed mental health care but it was very difficult to get it; 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 item or 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen MentHDiff_1819 = treatneed replace MentHDiff_1819 =90 if k4q22_r ==3 replace MentHDiff_1819 =99 if k4q22_r ==.m   MentHDiff_1819 ==.m replace MentHDiff_1819 =95 if sc_age_years &lt; 3 label var MentHDiff_1819 "Indicator 4.4a: Difficulties obtaining mental health care, age 3-17 years"  #delimit ; label define MentHDiff 1 "Not difficult" 2 "Somewhat difficult" 3 "Very difficult" 4 "It was not possible to obtain care" 95 "Children age 0-2 years" 90 "Did not need to see a MH professional" 99 "Missing" ;#delimit cr label values MentHDiff_1819 MentHDiff </pre> |  |

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| <b>Indicator 4.5</b>   | <b>Received care from a specialist doctor (SpecCare_1819)</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: C22 (2018), C20 (2019); for children 6-11 years: C20; for children 12-17 years: C21<br>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 measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen SpecCare_1819 = k4q24_r replace SpecCare_1819 =99 if SpecCare_1819 ==.m label var SpecCare_1819 "Indicator 4.5: Received care from a specialist doctor other than a MH professional"  #delimit ; label define SpecCare 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" ;#delimit cr  label values SpecCare_1819 SpecCare </pre> |  |

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| <b>Indicator 4.5a</b>  | <b>Difficulties obtaining specialist care (SpCareDiff_1819)</b>  |
| <b>Description</b>   | How difficult was it to get the specialist care that this child needed?  |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: C22(2018),C23 (2018), C20(2019),C21(2019); for children 6-11 years: C20, C21; for children 12-17 years: C21, C22<br>Variable in public use data file: K4Q24_R, K4Q26   |
| <b>Denominator</b>   | Children age 0-17 years  |
| <b>Numerator/Response Categories</b>   | Received or needed specialist care and did not have difficulty getting it; Received or needed specialist care but it was somewhat difficult to get it; Received or needed specialist care but it was very difficult to get it; It was not possible to get needed specialist 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre>gen SpCareDiff_1819 = k4q26 replace SpCareDiff_1819 =90 if k4q24_r ==3 replace SpCareDiff_1819 =99 if k4q24_r ==.m   SpCareDiff_1819 ==.m label var SpCareDiff_1819 "Indicator 4.5a: Difficulty obtaining specialist care"  #delimit ; label define SpCareDiff 1 "Not difficult" 2 "Somewhat difficult" 3 "Very difficult" 4 "It was not possible to obtain care" 95 "Children age 0-2 years" 90 "Did not need to see a specialist" 99 "Missing" ;#delimit cr label values SpCareDiff_1819 SpCareDiff</pre> |  |

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|---|--|
| <b>Indicator 4.6</b>  | <b>Vision test (VisnTest_1819)</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: C14 (2018), C12(2019); for children 6-11 years: C12; for children 12-17 years: C13<br>Variable name in public use data file: K4Q31_R |
| <b>Denominator</b>  | Children age 0-17 years  |
| <b>Numerator/Response Categories</b>  | Received vision screening; Did not receive vision screening  |
| <b>Notes for Data-Users</b>   |  |
| This measure was derived from a single item.  |  |
| <b>Revisions and Changes</b>  |  |
| There have been changes in 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> .   |  |
| <pre> gen VisnTest_1819 = k4q31_r replace VisnTest_1819 =99 if VisnTest_1819 ==.m label var VisnTest_1819 "Indicator 4.6: Children who received vision screening during the past 12 months (6-17 years)"  #delimit ; label define VisnTest 1 "Received vision screening" 2 "Did not receive vision screening" 99 "Missing" ;#delimit cr label values VisnTest_1819 VisnTest  gen EyeDoctor_1819 = k4q32x01 replace EyeDoctor_1819 =3 if k4q31_r ==2 replace EyeDoctor_1819 =99 if k4q31_r ==.m   EyeDoctor_1819 ==.m label var EyeDoctor_1819 "Vision was tested at eye doctor or eye specialist's office"  #delimit ; label define EyeDoctor 1 "Received vision test at eye specialist" 2 "Received vision test, not at eye specialist" 3 "Did not receive vision screening" 99 "Missing" </pre> |  |

```

;#delimit cr
label values EyeDoctor_1819 EyeDoctor

gen EyePedOffice_1819 = k4q32x02
replace EyePedOffice_1819 =3 if k4q31_r ==2
replace EyePedOffice_1819 =99 if k4q31_r ==.m | EyePedOffice_1819 ==.m
label var EyePedOffice_1819 "Vision was tested at pediatrician or other general doctor's office"

#delimit ;
label define EyePedOffice
1 "Received vision test at pediatrician or doctor"
2 "Received vision test, not at pediatrician or doctor"
3 "Did not receive vision screening"
99 "Missing"
;#delimit cr
label values EyePedOffice_1819 EyePedOffice

gen EyeClinic_1819 = k4q32x03
replace EyeClinic_1819 =3 if k4q31_r ==2
replace EyeClinic_1819 =99 if k4q31_r ==.m | EyeClinic_1819 ==.m
label var EyeClinic_1819 "Vision was tested at clinic or health center"

#delimit ;
label define EyeClinic
1 "Received vision test at clinic"
2 "Received vision test, but not at clinic"
3 "Did not receive vision screening"
99 "Missing"
;#delimit cr
label values EyeClinic_1819 EyeClinic

gen EyeSchool_1819 = k4q32x04
replace EyeSchool_1819 =3 if k4q31_r ==2
replace EyeSchool_1819 =99 if k4q31_r ==.m | EyeSchool_1819 ==.m
label var EyeSchool_1819 "Vision was tested at school"

#delimit ;
label define EyeSchool
1 "Received vision test at school"
2 "Received vision test, but not at school"
3 "Did not receive vision screening"
99 "Missing"
;#delimit cr
label values EyeSchool_1819 EyeSchool

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|---|---|
| <b>Indicator 4.7</b>  | <b>Hospital emergency room visit (ERVisit_1819)</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: C29(2018), C27(2019); for children 6-11 years: C27; for children 12-17 years: C28<br>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 measure since 2016.  |   |
| <pre> gen ERVisit_1819 = hospitaler replace ERVisit_1819 =99 if hospitaler ==.m   ERVisit_1819 ==.m label var ERVisit_1819 "Indicator 4.7: Hospital emergency room visitslth in the past 12 months"  #delimit ; label define ERVisit 1 "None" 2 "1 time" 3 "2 or more times" 99 "Missing" ;#delimit cr label values ERVisit_1819 ERVisit </pre> |   |

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|---|--|
| <b>Indicator 4.7a</b>   | <b>Hospital admission (HospitalStay_1819)</b>  |
| <b>Description</b>  | During the past 12 months, was this child admitted to the hospital to stay for at least one night?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: C30 (2018) C28 (2019); for children 6-11 years: C28; for children 12-17 years: C29<br>Variable in public use data file: HOSPITALSTAY |
| <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>  |  |
| This item was added in 2018. There have been no substantive changes to this measure since 2018.   |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen HospitalStay_1819 = hospitalstay replace HospitalStay_1819 =99 if hospitalstay ==.m   HospitalStay_1819 ==.m label var HospitalStay_1819 "Indicator 4.7a: Hospital stay for at least one night"  #delimit: label define HospitalStay 1 "Yes" 2 "No" 99 "Missing" ;#delimit cr  label values HospitalStay_1819 HospitalStay</pre> |  |



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|--|--|
| <b>Indicator 4.8</b>   | <b>Alternative health care or treatment (AlterHC_1819)</b>   |
| <b>Description</b>   | 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: C24(2018) C22(2019); for children 6-11 years: C22; for children 12-17 years: C23<br>Variable name 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 measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen AlterHC_1819 = althealth replace AlterHC_1819 =99 if althealth ==.m   AlterHC_1819 ==.m label var AlterHC_1819 "Indicator 4.8: Use of alternative health care or treatment during the past 12 months"  #delimit ; label define AlterHC 1 "Yes" 2 "No" 99 "Missing" ;#delimit cr label values AlterHC_1819 AlterHC </pre> |  |

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|--|---|
| <b>Indicator 4.9</b>   | <b>Doctor asked about parental concerns, age 0-5 years (DrAskConc_1819)</b>   |
| <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: C8(2018), C6(2019)<br>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 measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen Ct1NumbSer_1819 = 0 replace Ct1NumbSer_1819 = Ct1NumbSer_1819 +1 if s4q01 ==1 replace Ct1NumbSer_1819 = Ct1NumbSer_1819 +1 if k4q30_r ==1   k4q30_r ==2 replace Ct1NumbSer_1819 = Ct1NumbSer_1819 +1 if k4q22_r ==1 replace Ct1NumbSer_1819 = Ct1NumbSer_1819 +1 if k4q24_r ==1 replace Ct1NumbSer_1819 =99 if s4q01 ==.m &amp; k4q30_r ==.m &amp; k4q22_r ==.m &amp; k4q24_r ==.m label var Ct1NumbSer_1819 "Count of number of services used, not including did not see but needed to see MH or specialist"  gen DrAskConc_1819 = k6q10 replace DrAskConc_1819 =90 if Ct1NumbSer_1819 &lt; 1   Ct1NumbSer_1819 ==99 replace DrAskConc_1819 =95 if sc_age_years &gt; 5 replace DrAskConc_1819 =99 if DrAskConc_1819 ==.m label var DrAskConc_1819 "Indicator 4.9: Doctor asked about parental concerns, age 0-5 years"  #delimit ; label define DrAskConc 1 "Yes" 2 "No" 90 "Did not use any of 4 services" 95 "Children age 6-17 years" </pre> |   |

```
99 "Missing"  
;#delimit cr  
label values DrAskConc_1819 DrAskConc
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|--|---|
| <b>Indicator 4.10</b>  | <b>Developmental screening, age 9-35 months (DevScrng_1819)</b>   |
| <b>Description</b>   | Did the child receive a developmental screening using a parent-completed screening tool in the past 12 months, age 9-35 months?   |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: C9 (2018) C7 (2019); Variable in public use data file: both_10to23; both_24to71; K6Q12; K6Q13A; K6Q13B; K6Q14A; K6Q14B; SC_AGE_LT10; SC_AGE_YEARS |
| <b>Denominator</b>   | Children age 10 months - 5 years who had a visit in the past 12 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. 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> |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen both_9to23 =. replace both_9to23 =2 if k6q12 == 2 &amp; sc_age_years &lt; 2 replace both_9to23 =2 if k6q13a ==2   k6q13b ==2 replace both_9to23 =1 if (k6q13a ==1   k6q13a ==.m) &amp; (k6q13b ==1   k6q13b ==.m) replace both_9to23 =99 if k6q13a ==.m &amp; k6q13b ==.m replace both_9to23 =90 if sc_age_years &gt; 1 &amp; sc_age_years &lt; 6 replace both_9to23 =90 if sc_age_lt9 ==1 replace both_9to23 =95 if sc_age_years &gt; 5 label var both_9to23 "Yes/screening occurred group - age 9-23 months"  #delimit ; label define both_9 1 "Yes to both/Yes to one and Missing to other" 2 "No to at least 1 type of content" 90 "Children age 0-8 months or 2-5 years" 95 "Children age 6-17 years" 99 "Missing to both types of content" </pre>  |   |

```

;#delimit cr
label values both_9to23 both_9
gen both_24to35 =.
replace both_24to35 =2 if k6q12 ==2 & sc_age_years ==2
replace both_24to35 =2 if k6q14a ==2 | k6q14b ==2
replace both_24to35 =1 if (k6q14a ==1 | k6q14a ==.m) & (k6q14b ==1 | k6q14b ==.m)
replace both_24to35 =99 if k6q14a ==.m & k6q14b ==.m
replace both_24to35 =90 if sc_age_years < 2 | (sc_age_years > 2 & sc_age_years < 6)
replace both_24to35 =95 if sc_age_years > 5
label var both_24to35 "Yes/screening occurred group - age 24-35 months"

#delimit ;
label define both_24
1 "Yes to both/Yes to one and Missing to other"
2 "No to at least 1 type of content"
90 "Children age 0-23 months or 3-5 years"
95 "Children age 6-17 years"
99 "Missing to both types of content"
;#delimit cr
label values both_24to35 both_24

gen DevScrnnng_1819 =.
replace DevScrnnng_1819 =1 if both_9to23 ==1 | both_24to35 ==1
replace DevScrnnng_1819 =2 if both_9to23 ==2 | both_24to35 ==2
replace DevScrnnng_1819 =99 if both_9to23 ==99 | both_24to35 ==99
replace DevScrnnng_1819 =99 if k6q12 ==.m
replace DevScrnnng_1819 =90 if sc_age_lt9 ==1 | (sc_age_years >2 & sc_age_years <6)
replace DevScrnnng_1819 =95 if sc_age_years >5
label var both_24to35 "Indicator 4.10: Percent of children who received developmental screening, age 9-35 months"

#delimit ;
label define DevScrnnng
1 "Completed developmental screening"
2 "Did not complete developmental screening"
90 "Children age 0-8 months or 3-5 years"
95 "Children age 6-17 years"
99 "Missing"
;#delimit cr
label values DevScrnnng_1819 DevScrnnng

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|   |   |
|---|---|
| <b>Indicator 4.11</b>   | <b>Special services for developmental needs (SpecServ_1819)</b>   |
| <b>Description</b>  | Is this child currently receiving special services to meet his or her developmental needs such as speech, occupational, or behavioral therapy?  |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: C34(2018), C36 (2018) C32(2019), C34(2019); for children 6-11 years: C32, C34; for children 12-17 years: C33, C35<br>Variable in public use data file: K4Q36; K4Q38 |
| <b>Denominator</b>  | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>  | Currently receives services; Does not currently receive services  |
| <b>Notes for Data-Users</b>   |   |
| N/A   |   |
| <b>Revisions and Changes</b>  |   |
| There have been no substantive changes to this measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen SpecServ_1819 =. replace SpecServ_1819 =1 if k4q38 ==1 replace SpecServ_1819 =2 if k4q36 ==2   k4q38 ==2 replace SpecServ_1819 =99 if k4q36 ==.m   k4q38 ==.m label var SpecServ_1819 "Indicator 4.11: Children currently receive special services"  #delimit ; label define SpecServ 1 "Currently receive special services" 2 "Do not currently receive services" 99 "Missing" ;#delimit cr label values SpecServ_1819 SpecServ </pre> |   |

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| <b>Indicator 4.11a</b>   | <b>Age started receiving special services for developmental needs (SpSerAge_1819)</b>  |
| <b>Description</b>   | How old was this child when he or she began receiving special services?  |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: C35(2018), C33(2019); for children 6-11 years: C33; for children 12-17 years: C34<br>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 measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen SpSerAge_1819 = replace SpSerAge_1819 =1 if k4q37 &lt;= 2 replace SpSerAge_1819 =2 if k4q37 &gt; 2 &amp; k4q37 &lt; 6 replace SpSerAge_1819 =3 if k4q37 &gt; 5 &amp; k4q37 &lt;= 17 replace SpSerAge_1819 =99 if k4q36 ==.m   k4q37 ==.m replace SpSerAge_1819 =90 if k4q36 ==2 label var SpSerAge_1819 "Indicator 4.11a: Age start receiving special services to meet child's developmental needs"  #delimit ; label define SpSerAge 1 "At age less than 3 years old" 2 "At age 3-5 years old" 3 "At age 6-17 years old" 90 "Never received the services" 99 "Missing to both" ;#delimit cr  label values SpSerAge_1819 SpSerAge </pre> |  |

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|---|--|
| <b>Indicator 4.12</b>   | <b>Medical home (MedHome_1819)</b>   |
| <b>Description</b>  | Does this child receive coordinated, ongoing, comprehensive care within a medical home?  |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: C10(2018),C11(2018) C8(2019),C9(2019), D1-D4(a-e), D7-D12; for children 6-11 years: C8, C9, D1-D4(a-e), D7-D12; for children 12-17 years: C9, C10, D1-D4(a-e), D7-D12<br>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 age 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 2018 and 2019 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>- Personal doctor or nurse</li> <li>- Usual source for sick care</li> <li>- Family-centered care</li> <li>- Problems getting needed referrals</li> </ul> <p>Effective Care Coordination when needed.</p> <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 on the Data Resource Center <a href="#">Medical Home portal</a>. The medical home manual developed by the CAHMI is available on the <a href="#">DRC website</a>.</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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p> <p>Even though there were changes in individual items, the overall concept of medical home has not changed since 2016.</p>  |  |



**STATA Syntax and Annotation**

\*Indicator 4.12a: Medical Home Component: Children with a personal doctor or nurse

```
gen PerDrNs_1819 =.
replace PerDrNs_1819 =1 if k4q04_r ==1 | k4q04_r ==2
replace PerDrNs_1819 =2 if missing(PerDrNs_1819) & k4q04_r ==3
replace PerDrNs_1819 =99 if missing(PerDrNs_1819) & k4q04_r ==.m
label var PerDrNs_1819 "Indicator 4.12a: MH Component: Children with a personal doctor or nurse"
```

```
#delimit ;
label define PerDrNs
1 "Have at least one PDN"
2 "Do not have a personal doctor or nurse"
99 "Missing"
;#delimit cr
label values PerDrNs_1819 PerDrNs
```

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

```
gen UsualSck_1819 =.
replace UsualSck_1819 =1 if k4q01 ==1 & (k4q02_r ==1 | k4q02_r ==3 | k4q02_r ==4 | k4q02_r ==5 |
k4q02_r ==6 | k4q02_r ==7)
replace UsualSck_1819 =2 if missing(UsualSck_1819) & (k4q01 ==2 | k4q02 ==2)
replace UsualSck_1819 =99 if missing(UsualSck_1819) & (k4q01 ==.m | k4q02 ==.m)
label var UsualSck_1819 "Indicator 4.12b: MH Component: Usual source for sick care"
```

```
#delimit ;
label define UsualSck
1 "Have usual sources for sick care"
2 "Do not have usual sources for sick care"
99 "Missing"
;#delimit cr
label values UsualSck_1819 UsualSck
```

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

```
gen time_1819 =.
replace time_1819 =99 if k5q40 ==.m
replace time_1819 =0 if missing(time_1819) & k5q40 ==.l
replace time_1819 =1 if missing(time_1819) & k5q40 ==1
replace time_1819 =2 if missing(time_1819) & k5q40 ==2
replace time_1819 =3 if missing(time_1819) & (k5q40 ==3 | k5q40 ==4)
label var time_1819 "Doctors spent enough time with children"
```

```
gen listen_1819 =.
replace listen_1819 =99 if k5q41 ==.m
replace listen_1819 =0 if missing(listen_1819) & k5q41 ==.l
```

```

replace listen_1819 =1 if missing(listen_1819) & k5q41 ==1
replace listen_1819 =2 if missing(listen_1819) & k5q41 ==2
replace listen_1819 =3 if missing(listen_1819) & (k5q41 ==3 | k5q41 ==4)
label var listen_1819 "Doctors listened carefully"

gen sensitiv_1819 =.
replace sensitiv_1819 =99 if k5q42 ==.m
replace sensitiv_1819 =0 if missing(sensitiv_1819) & k5q42 ==.l
replace sensitiv_1819 =1 if missing(sensitiv_1819) & k5q42 ==1
replace sensitiv_1819 =2 if missing(sensitiv_1819) & k5q42 ==2
replace sensitiv_1819 =3 if missing(sensitiv_1819) & (k5q42 ==3 | k5q42 ==4)
label var sensitiv_1819 "Doctors showed sensitivity to children's family's values and customs"

gen info_1819 =.
replace info_1819 =99 if k5q43 ==.m
replace info_1819 =0 if missing(info_1819) & k5q43 ==.l
replace info_1819 =1 if missing(info_1819) & k5q43 ==1
replace info_1819 =2 if missing(info_1819) & k5q43 ==2
replace info_1819 =3 if missing(info_1819) & (k5q43 ==3 | k5q43 ==4)
label var info_1819 "Doctors provided information specific to parents' concerns"

gen partner_1819 =.
replace partner_1819 =99 if k5q44 ==.m
replace partner_1819 =0 if missing(partner_1819) & k5q44 ==.l
replace partner_1819 =1 if missing(partner_1819) & k5q44 ==1
replace partner_1819 =2 if missing(partner_1819) & k5q44 ==2
replace partner_1819 =3 if missing(partner_1819) & (k5q44 ==3 | k5q44 ==4)
label var partner_1819 "Doctors helped parents feel like partners in child's care"

local varlist time_1819 listen_1819 sensitiv_1819 info_1819 partner_1819
foreach var of local varlist {

label define `var' 0 "Did not have health care visit in the past 12 months" 1 "Always" 2 "Usually" 3
"Sometimes or never" 99 "Missing", modify
label values `var' `var'
}

foreach var of varlist time_1819 listen_1819 sensitiv_1819 info_1819 partner_1819{
label define `var' 0 "Did not have health care visit in the past 12 months" 1 "Always" 2 "Usually" 3
"Sometimes or never" 99 "Missing", modify
label values `var' `var'
}

gen FamCent_1819 =.
replace FamCent_1819 =99 if time_1819 ==99 & listen_1819 ==99 & sensitiv_1819 ==99 & info_1819
==99 & partner_1819 ==99
replace FamCent_1819 =0 if missing(FamCent_1819) & time_1819 ==0
replace FamCent_1819 =1 if missing(FamCent_1819) & (time_1819 ==1 | time_1819 ==2 | time_1819
==99) & (listen_1819 ==1 | listen_1819 ==2 | listen_1819 ==99) & (sensitiv_1819 ==1 | sensitiv_1819

```

```

==2 | sensitiv_1819 ==99) & (info_1819 ==1 | info_1819 ==2 | info_1819 ==99) & (partner_1819 ==1 |
partner_1819 ==2 | partner_1819 ==99)
replace FamCent_1819 =2 if missing(FamCent_1819) & (time_1819 ==3 | time_1819 ==99 |
FamCent_1819 ==.) & (listen_1819 ==3 | listen_1819 ==99 | FamCent_1819 ==.) & (sensitiv_1819 ==3 |
sensitiv_1819 ==99 | FamCent_1819 ==.) & (info_1819 ==3 | info_1819 ==99 | FamCent_1819 ==.) &
(partner_1819 ==3 | partner_1819 ==99 | FamCent_1819 ==.)
label var FamCent_1819 "Indicator 4.12c: MH Component: Children who received family-centered
care"

```

```

#delimit ;
label define FamCent
0 "Did not have health care visits"
1 "Received family-centered care"
2 "Did not receive family-centered care"
99 "Missing to all"
;#delimit cr
label values FamCent_1819 FamCent

```

\*Indicator 4.12d Difficulties getting referrals

```

gen NoRefPrb_1819 =.
replace NoRefPrb_1819 =0 if k5q10 ==2
replace NoRefPrb_1819 =99 if missing(NoRefPrb_1819) & k5q10 ==.m
replace NoRefPrb_1819 =4 if missing(NoRefPrb_1819) & k5q11 ==4
replace NoRefPrb_1819 =3 if missing(NoRefPrb_1819) & k5q11 ==3
replace NoRefPrb_1819 =2 if missing(NoRefPrb_1819) & k5q11 ==2
replace NoRefPrb_1819 =1 if missing(NoRefPrb_1819) & k5q11 ==1
replace NoRefPrb_1819 =99 if missing(NoRefPrb_1819) & k5q11 ==.m
label var NoRefPrb_1819 " Indicator 4.12d: MH Component: Difficulties getting referrals"

```

```

#delimit ;
label define NoRefPrb
0 "Did not need referrals"
1 "Not difficult"
2 "Somewhat difficult"
3 "Very difficult"
4 "It was not possible to obtain care"
99 "Missing to all"
;#delimit cr
label values NoRefPrb_1819 NoRefPrb

```

\* Indicator 4.12e Effective care coordination

```

gen DrComm_1819 =.
replace DrComm_1819 =0 if k5q20_r ==3 | s4q01 ==2
replace DrComm_1819 =99 if missing(DrComm_1819) & k5q30 ==.m
replace DrComm_1819 =1 if missing(DrComm_1819) & k5q30 ==1
replace DrComm_1819 =2 if missing(DrComm_1819) & k5q30 ==2
replace DrComm_1819 =3 if missing(DrComm_1819) & (k5q30 ==3 | k5q30 ==4)

```

```

replace DrComm_1819 =0 if missing(DrComm_1819) & k5q30 ==.l
label var DrComm_1819 "Satisfaction with communication among child's doctor and other health care
provider"

#delimit ;
label define DrComm
0 "Did not see more than 1 health care provider"
1 "Very satisfied"
2 "Somewhat satisfied"
3 "Somewhat or very dissatisfied"
99 "Missing"
;#delimit cr

label values DrComm_1819 DrComm
gen CareHelp_1819 =.
replace CareHelp_1819 =99 if s4q01 ==.m
replace CareHelp_1819 =0 if missing(CareHelp_1819) & (k5q20_r ==3 | s4q01 ==2)
replace CareHelp_1819 =0 if missing(CareHelp_1819) & (k5q20_r ==2 & k5q21 ==2)
replace CareHelp_1819 =99 if missing(CareHelp_1819) & (k5q20_r ==.m & k5q21 ==2)
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q20_r ==.m
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q21 ==.m
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q22 ==.m
replace CareHelp_1819 =1 if missing(CareHelp_1819) & (k5q20_r ==1 & k5q21 ==2)
replace CareHelp_1819 =1 if missing(CareHelp_1819) & k5q22 ==1
replace CareHelp_1819 =2 if missing(CareHelp_1819) & (k5q22 ==2 | k5q22 ==3)
label var CareHelp_1819 "Got all needed extra help with care coordination when needed"

#delimit ;
label define CareHelp
0 "Did not need care coordination"
1 "Got all needed extra help"
2 "Needed extra help/did not get it"
99 "Missing"
;#delimit cr
label values CareHelp_1819 CareHelp

gen OthComm_1819 =.
replace OthComm_1819 =0 if k5q31_r ==2 | k5q31_r ==3
replace OthComm_1819 =99 if missing(OthComm_1819) & k5q31_r ==.m
replace OthComm_1819 =1 if missing(OthComm_1819) & k5q32 ==1
replace OthComm_1819 =2 if missing(OthComm_1819) & (k5q32 ==2 | k5q32 ==3 | k5q32 ==4)
replace OthComm_1819 =99 if missing(OthComm_1819) & k5q32 ==.m
replace OthComm_1819 =0 if missing(OthComm_1819) & k5q32 ==.l
label var OthComm_1819 "Satisfaction with communication among child's doctors and school, etc."

#delimit ;
label define OthComm
0 "No communication needed/did not occur"
1 "Very satisfied"

```

```

2 "Less than very satisfied"
99 "Missing to either item"
;#delimit cr
label values OthComm_1819 OthComm

gen CareCoor_1819 =.
replace CareCoor_1819 =99 if CareHelp_1819 ==99 & DrComm_1819 ==99 & OthComm_1819 ==99
replace CareCoor_1819 =0 if missing(CareCoor_1819) & (CareHelp_1819 ==0 | CareHelp_1819 ==99) &
(DrComm_1819 ==0 | DrComm_1819 ==99) & (OthComm_1819 ==0 | OthComm_1819 ==99)
replace CareCoor_1819 =1 if missing(CareCoor_1819) & (CareHelp_1819 ==1 | CareHelp_1819 ==0 |
CareHelp_1819 ==99) & (DrComm_1819 ==1 | DrComm_1819 ==0 | DrComm_1819 ==99) &
(OthComm_1819 ==1 | OthComm_1819 ==0 | OthComm_1819 ==99)
replace CareCoor_1819 =2 if missing(CareCoor_1819) & (CareHelp_1819 ==2 | CareHelp_1819 ==99 |
CareCoor_1819==.) & (DrComm_1819 ==2 | DrComm_1819 ==99 | CareCoor_1819==.) &
(OthComm_1819 ==2 | OthComm_1819 ==99 | CareCoor_1819==.)
label var CareCoor_1819 "Indicator 4.12e: Medical MH Component: Effective care coordination, all
children"

#delimit ;
label define CareCoor
0 "Did not need care coordination"
1 "Received needed care coordination"
2 "Did not receive needed care coordination"
99 "Missing to all"
;#delimit cr
label values CareCoor_1819 CareCoor

*Indicator 4.12 Medical home

gen MedHome_1819 =0
replace MedHome_1819 =2 if PerDrNs_1819 ==2 | UsualSck_1819 ==2 |(NoRefPrb_1819 ==2 |
NoRefPrb_1819 ==3 | NoRefPrb_1819 ==4) | FamCent_1819 ==2 | CareCoor_1819 ==2
replace MedHome_1819 =1 if (PerDrNs_1819 ==1 | PerDrNs_1819 ==99) & (UsualSck_1819 ==1 |
UsualSck_1819 ==99) & (NoRefPrb_1819 ==1 | NoRefPrb_1819 ==0 | NoRefPrb_1819 ==99) &
(FamCent_1819 ==1 | FamCent_1819 ==0 | FamCent_1819 ==99) & (CareCoor_1819 ==1 |
CareCoor_1819 ==0 | CareCoor_1819 ==99)
replace MedHome_1819 =99 if PerDrNs_1819 ==99 & UsualSck_1819 ==99 & (NoRefPrb_1819 ==0 |
NoRefPrb_1819 ==99) & (FamCent_1819 ==0 | FamCent_1819 ==99) & (CareCoor_1819 ==0 |
CareCoor_1819 ==99)
label var MedHome_1819 "Indicator 4.12: Children who receive coordinated, ongoing, comprehensive
care within a medical home"

#delimit ;
label define MedHome
1 "Care met medical home criteria"
2 "Care did not meet medical home criteria"
99 "Missing to all"
;#delimit cr
label values MedHome_1819 MedHome

```

|   |   |
|---|---|
| <b>Indicator 4.12b</b>  | <b>Personal doctor or nurse (PerDrNrs_1819)</b>   |
| <b>Description</b>  | Do you have one or more persons you think of as this child’s personal doctor or nurse?  |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: D1; for children 6-11 years: D1; for children 12-17 years: D1<br>Variable name in public use data file: K4Q04_R |
| <b>Denominator</b>  | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>  | Yes, has at least one personal doctor or nurse; Does not have a personal doctor or nurse  |
| <b>Notes for Data-Users</b>   |   |
| <p>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.</p> |   |
| <b>Revisions and Changes</b>  |   |
| There have been no substantive changes to this measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen PerDrNs_1819 =. replace PerDrNs_1819 =1 if k4q04_r ==1   k4q04_r ==2 replace PerDrNs_1819 =2 if missing(PerDrNs_1819) &amp; k4q04_r ==3 replace PerDrNs_1819 =99 if missing(PerDrNs_1819) &amp; k4q04_r ==.m label var PerDrNs_1819 "Indicator 4.12a: MH Component: Children with a personal doctor or nurse"  #delimit ; label define PerDrNs 1 "Have at least one PDN" 2 "Do not have a personal doctor or nurse" 99 "Missing" ;#delimit cr label values PerDrNs_1819 PerDrNs</pre>  |   |

|  |   |
|--|---|
| <b>Indicator 4.12b</b>   | <b>Usual sources for sick care (UsualSck_1819)</b>  |
| <b>Description</b>   | Does this child have a place that he or she usually goes to first when he or she is sick or a caregiver needs advice about his or her health?   |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: C10(2018), C11(2018), C8(2019), C9(2019); for children 6-11 years: C8, C9; for children 12-17 years: C9, C10<br>Variable name in public use data file: K4Q01; K4Q02_R |
| <b>Denominator</b>   | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>   | Has usual sources for sick care; Does not have usual sources for sick care  |
| <b>Notes for Data-Users</b>  |   |
| <p>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.</p> |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre>gen UsualSck_1819 =. replace UsualSck_1819 =1 if k4q01 ==1 &amp; (k4q02_r ==1   k4q02_r ==3   k4q02_r ==4   k4q02_r ==5   k4q02_r ==6   k4q02_r ==7) replace UsualSck_1819 =2 if missing(UsualSck_1819) &amp; (k4q01 ==2   k4q02 ==2) replace UsualSck_1819 =99 if missing(UsualSck_1819) &amp; (k4q01 ==.m   k4q02 ==.m) label var UsualSck_1819 "Indicator 4.12b: MH Component: Usual source for sick care"  #delimit ; label define UsualSck 1 "Have usual sources for sick care" 2 "Do not have usual sources for sick care" 99 "Missing" ;#delimit cr label values UsualSck_1819 UsualSck</pre>  |   |

|  |   |
|--|---|
| <b>Indicator 4.12c</b>   | <b>Family-centered care (FamCent_1819)</b>  |
| <b>Description</b>   | If this child received care during the past 12 months, did he/she receive family-centered care?   |
| <b>Survey Items Used</b>   | 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<br>Variable in public use data file: K5Q40; K5Q41; K5Q42; K5Q43; K5Q44 |
| <b>Denominator</b>   | Children age 0-17 years who had a health care visit in the past 12 months   |
| <b>Numerator/Response Categories</b>   | Received family-centered care; Did not receive family-centered care   |
| <b>Notes for Data-Users</b>  |   |
| <p>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.</p>   |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre>gen time_1819 =. replace time_1819 =99 if k5q40 ==.m replace time_1819 =0 if missing(time_1819) &amp; k5q40 ==.l replace time_1819 =1 if missing(time_1819) &amp; k5q40 ==1 replace time_1819 =2 if missing(time_1819) &amp; k5q40 ==2 replace time_1819 =3 if missing(time_1819) &amp; (k5q40 ==3   k5q40 ==4) label var time_1819 "Doctors spent enough time with children"  gen listen_1819 =. replace listen_1819 =99 if k5q41 ==.m replace listen_1819 =0 if missing(listen_1819) &amp; k5q41 ==.l replace listen_1819 =1 if missing(listen_1819) &amp; k5q41 ==1 replace listen_1819 =2 if missing(listen_1819) &amp; k5q41 ==2 replace listen_1819 =3 if missing(listen_1819) &amp; (k5q41 ==3   k5q41 ==4) label var listen_1819 "Doctors listened carefully"  gen sensitiv_1819 =. replace sensitiv_1819 =99 if k5q42 ==.m replace sensitiv_1819 =0 if missing(sensitiv_1819) &amp; k5q42 ==.l</pre> |   |



```

replace sensitiv_1819 =1 if missing(sensitiv_1819) & k5q42 ==1
replace sensitiv_1819 =2 if missing(sensitiv_1819) & k5q42 ==2
replace sensitiv_1819 =3 if missing(sensitiv_1819) & (k5q42 ==3 | k5q42 ==4)
label var sensitiv_1819 "Doctors showed sensitivity to children's family's values and customs"

gen info_1819 =.
replace info_1819 =99 if k5q43 ==.m
replace info_1819 =0 if missing(info_1819) & k5q43 ==.l
replace info_1819 =1 if missing(info_1819) & k5q43 ==1
replace info_1819 =2 if missing(info_1819) & k5q43 ==2
replace info_1819 =3 if missing(info_1819) & (k5q43 ==3 | k5q43 ==4)
label var info_1819 "Doctors provided information specific to parents' concerns"

gen partner_1819 =.
replace partner_1819 =99 if k5q44 ==.m
replace partner_1819 =0 if missing(partner_1819) & k5q44 ==.l
replace partner_1819 =1 if missing(partner_1819) & k5q44 ==1
replace partner_1819 =2 if missing(partner_1819) & k5q44 ==2
replace partner_1819 =3 if missing(partner_1819) & (k5q44 ==3 | k5q44 ==4)
label var partner_1819 "Doctors helped parents feel like partners in child's care"

local varlist time_1819 listen_1819 sensitiv_1819 info_1819 partner_1819
foreach var of local varlist {

label define `var' 0 "Did not have health care visit in the past 12 months" 1 "Always" 2 "Usually" 3
"Sometimes or never" 99 "Missing", modify
label values `var' `var'
}

foreach var of varlist time_1819 listen_1819 sensitiv_1819 info_1819 partner_1819{
label define `var' 0 "Did not have health care visit in the past 12 months" 1 "Always" 2 "Usually" 3
"Sometimes or never" 99 "Missing", modify
label values `var' `var'
}

gen FamCent_1819 =.
replace FamCent_1819 =99 if time_1819 ==99 & listen_1819 ==99 & sensitiv_1819 ==99 & info_1819
==99 & partner_1819 ==99
replace FamCent_1819 =0 if missing(FamCent_1819) & time_1819 ==0
replace FamCent_1819 =1 if missing(FamCent_1819) & (time_1819 ==1 | time_1819 ==2 | time_1819
==99) & (listen_1819 ==1 | listen_1819 ==2 | listen_1819 ==99) & (sensitiv_1819 ==1 | sensitiv_1819 ==2
| sensitiv_1819 ==99) & (info_1819 ==1 | info_1819 ==2 | info_1819 ==99) & (partner_1819 ==1 |
partner_1819 ==2 | partner_1819 ==99)
replace FamCent_1819 =2 if missing(FamCent_1819) & (time_1819 ==3 | time_1819 ==99 |
FamCent_1819 ==.) & (listen_1819 ==3 | listen_1819 ==99 | FamCent_1819 ==.) & (sensitiv_1819 ==3 |
sensitiv_1819 ==99 | FamCent_1819 ==.) & (info_1819 ==3 | info_1819 ==99 | FamCent_1819 ==.) &
(partner_1819 ==3 | partner_1819 ==99 | FamCent_1819 ==.)
label var FamCent_1819 "Indicator 4.12c: MH Component: Children who received family-centered care"

```

```
#delimit ;  
label define FamCent  
0 "Did not have health care visits"  
1 "Received family-centered care"  
2 "Did not receive family-centered care"  
99 "Missing to all"  
;#delimit cr  
label values FamCent_1819 FamCent
```

|   |   |
|---|---|
| <b>Indicator 4.12d</b>  | <b>Difficulties getting referrals, all children (NoRefPrb_1819)</b>   |
| <b>Description</b>  | During the past 12 months, how difficult was it for this child to get referrals to see any doctors or receive any services?   |
| <b>Survey Items Used</b>  | 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<br>Variable in public use data file: K5Q10, K5Q11  |
| <b>Denominator</b>  | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>  | Did not need referrals during the past 12 months; No difficulty getting referrals, when needed; Somewhat difficult getting referrals, when needed; Very difficult getting referrals, when needed; It was not possible to get a referral |
| <b>Notes for Data-Users</b>   |   |
| <p>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.</p>  |   |
| <b>Revisions and Changes</b>  |   |
| <p>There have been changes in this item or 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p>   |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen NoRefPrb_1819 =. replace NoRefPrb_1819 =0 if k5q10 ==2 replace NoRefPrb_1819 =99 if missing(NoRefPrb_1819) &amp; k5q10 ==.m replace NoRefPrb_1819 =4 if missing(NoRefPrb_1819) &amp; k5q11 ==4 replace NoRefPrb_1819 =3 if missing(NoRefPrb_1819) &amp; k5q11 ==3 replace NoRefPrb_1819 =2 if missing(NoRefPrb_1819) &amp; k5q11 ==2 replace NoRefPrb_1819 =1 if missing(NoRefPrb_1819) &amp; k5q11 ==1 replace NoRefPrb_1819 =99 if missing(NoRefPrb_1819) &amp; k5q11 ==.m label var NoRefPrb_1819 "Indicator 4.12d: MH Component: Difficulties getting referrals"  #delimit ; label define NoRefPrb 0 "Did not need referrals" 1 "Not difficult" 2 "Somewhat difficult" 3 "Very difficult" 4 "It was not possible to obtain care" 99 "Missing to all"</pre> |   |

```
;  
#delimit cr  
label values NoRefPrb_1819 NoRefPrb
```

|  |   |
|--|---|
| <b>Indicator 4.12e</b>   | <b>Effective care coordination (CareCoor_1819)</b>  |
| <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<br>Variable name 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. The denominator of this measure includes only children who needed care coordination. Please see the measure Indicator 4.12e: Effective care coordination for further information on how many children did not need care coordination in the past 12 months. That data will show the percentage of children who received all needed coordination out of all children, even those who did not need care coordination.</p> |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre>gen DrComm_1819 =. replace DrComm_1819 =0 if k5q20_r ==3   s4q01 ==2 replace DrComm_1819 =99 if missing(DrComm_1819) &amp; k5q30 ==.m replace DrComm_1819 =1 if missing(DrComm_1819) &amp; k5q30 ==1 replace DrComm_1819 =2 if missing(DrComm_1819) &amp; k5q30 ==2 replace DrComm_1819 =3 if missing(DrComm_1819) &amp; (k5q30 ==3   k5q30 ==4) replace DrComm_1819 =0 if missing(DrComm_1819) &amp; k5q30 ==.l label var DrComm_1819 "Satisfaction with communication among child's doctor"  #delimit ; label define DrComm 0 "Did not see more than one doctor" 1 "Very satisfied" 2 "Somewhat satisfied"</pre>  |   |

```

3 "Somewhat or very dissatisfied"
99 "Missing"
;#delimit cr
label values DrComm_1819 DrComm

gen CareHelp_1819 =.
replace CareHelp_1819 =99 if s4q01 ==.m
replace CareHelp_1819 =0 if missing(CareHelp_1819) & (k5q20_r ==3 | s4q01 ==2)
replace CareHelp_1819 =0 if missing(CareHelp_1819) & (k5q20_r ==2 & k5q21 ==2)
replace CareHelp_1819 =99 if missing(CareHelp_1819) & (k5q20_r ==.m & k5q21 ==2)
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q20_r ==.m
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q21 ==.m
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q22 ==.m
replace CareHelp_1819 =1 if missing(CareHelp_1819) & (k5q20_r ==1 & k5q21 ==2)
replace CareHelp_1819 =1 if missing(CareHelp_1819) & k5q22 ==1
replace CareHelp_1819 =2 if missing(CareHelp_1819) & (k5q22 ==2 | k5q22 ==3)
label var CareHelp_1819 "Got all needed extra help with care coordination when needed"

#delimit ;
label define CareHelp
0 "Did not need care coordination"
1 "Got all needed extra help"
2 "Needed extra help/did not get it"
99 "Missing"
;#delimit cr
label values CareHelp_1819 CareHelp

gen OthComm_1819 =.
replace OthComm_1819 =0 if k5q31_r ==2 | k5q31_r ==3
replace OthComm_1819 =99 if missing(OthComm_1819) & k5q31_r ==.m
replace OthComm_1819 =1 if missing(OthComm_1819) & k5q32 ==1
replace OthComm_1819 =2 if missing(OthComm_1819) & (k5q32 ==2 | k5q32 ==3 | k5q32 ==4)
replace OthComm_1819 =99 if missing(OthComm_1819) & k5q32 ==.m
replace OthComm_1819 =0 if missing(OthComm_1819) & k5q32 ==.l
label var OthComm_1819 "Satisfaction with communication among child's doctors and school, etc."

#delimit ;
label define OthComm
0 "No communication needed/did not occur"
1 "Very satisfied"
2 "Less than very satisfied"
99 "Missing to either item"
;#delimit cr

label values OthComm_1819 OthComm

gen CareCoor_1819 =.
replace CareCoor_1819 =99 if CareHelp_1819 ==99 & DrComm_1819 ==99 & OthComm_1819 ==99

```

```

replace CareCoor_1819 =0 if missing(CareCoor_1819) & (CareHelp_1819 ==0 | CareHelp_1819 ==99) &
(DrComm_1819 ==0 | DrComm_1819 ==99) & (OthComm_1819 ==0 | OthComm_1819 ==99)
replace CareCoor_1819 =1 if missing(CareCoor_1819) & (CareHelp_1819 ==1 | CareHelp_1819 ==0 |
CareHelp_1819 ==99) & (DrComm_1819 ==1 | DrComm_1819 ==0 | DrComm_1819 ==99) &
(OthComm_1819 ==1 | OthComm_1819 ==0 | OthComm_1819 ==99)
replace CareCoor_1819 =2 if missing(CareCoor_1819) & (CareHelp_1819 ==2 | CareHelp_1819 ==99 |
CareCoor_1819==.) & (DrComm_1819 ==2 | DrComm_1819 ==99 | CareCoor_1819==.) &
(OthComm_1819 ==2 | OthComm_1819 ==99 | CareCoor_1819==.)
label var CareCoor_1819 "Indicator 4.12e: Medical MH: Effective care coordination, all children"

```

```

#delimit ;
label define CareCoor
0 "Did not need care coordination"
1 "Received needed care coordination"
2 "Did not receive needed care coordination"
99 "Missing to all"
;#delimit cr
label values CareCoor_1819 CareCoor

```

\*Effective care coordination – individual items\*

```

gen HelpCoord_1819 =.
replace HelpCoord_1819 =1 if k5q20_r ==1
replace HelpCoord_1819 =2 if k5q20_r ==2
replace HelpCoord_1819 =90 if k5q20_r ==3
replace HelpCoord_1819 =99 if k5q20_r ==.m
replace HelpCoord_1819 =90 if s4q01 ==2

```

```

label var HelpCoord_1819 "Family gets help with coordinating child's health care"

```

```

#delimit ;
label define HelpCoord
1 "Yes"
2 "No"
90 "Did not see more than 1 provider"
99 "Missing to all"
;
#delimit cr
label values HelpCoord_1819 HelpCoord

```

```

gen ExtraHelp_1819 = k5q21
replace ExtraHelp_1819 =90 if s4q01 ==2 | k5q20_r ==3
replace ExtraHelp_1819 =99 if ExtraHelp_1819 ==.m
label var ExtraHelp_1819 "Family needed extra help to coordinate child's health care"

```

```

#delimit ;
label define ExtraHelp
1 "Yes"
2 "No"

```

```

90 "Did not see more than 1 provider"
99 "Missing to all"
;
#delimit cr
label values ExtraHelp_1819 ExtraHelp

gen AllExtraHelp_1819 = k5q22
replace AllExtraHelp_1819 =90 if s4q01 ==2 | k5q20_r ==3 | k5q21 ==2
replace AllExtraHelp_1819 =99 if AllExtraHelp_1819 ==.m
label var AllExtraHelp_1819 "Got needed extra help with care coordination"

#delimit ;
label define AllExtraHelp
1 "Usually got help that was needed"
2 "Sometimes got help that was needed"
3 "Never got help that was needed"
90 "Did not see more than 1 provider/did not need extra help"
99 "Missing"
;
#delimit cr
label values AllExtraHelp_1819 AllExtraHelp

gen OtherComm_1819 =.
replace OtherComm_1819 =1 if k5q31_r ==1
replace OtherComm_1819 =2 if k5q31_r ==2 | k5q31_r ==3
replace OtherComm_1819 =99 if k5q31_r ==.m
replace OtherComm_1819 =90 if s4q01 ==2
label var OtherComm_1819 "Health care provider communicated with child's school, child care provider,
or special education program"

#delimit ;
label define OtherComm
1 "Doctors did communicate with child's school, etc."
2 "Did not communicate/No communication needed"
90 "Did not have any health care visit"
99 "Missing"
;
#delimit cr
label values OtherComm_1819 OtherComm

gen SatOthComm_1819 =.
replace SatOthComm_1819 =1 if k5q32 ==1
replace SatOthComm_1819 =2 if k5q32 ==2 | k5q32 ==3 | k5q32 ==4
replace SatOthComm_1819 =99 if k5q32 ==.m
replace SatOthComm_1819 =3 if s4q01 ==2
replace SatOthComm_1819 =90 if k5q31_r ==2 | k5q31_r ==3
label var SatOthComm_1819 "Satisfaction with communication of child's doctors with his/her school, etc."
#delimit ;
label define SatOthComm

```



```
1 "Very satisfied"  
2 "Less than very satisfied"  
3 "No visit/No communication needed"  
90 "Doctors did not communicate with child's school etc."  
99 "Missing"  
;  
#delimit cr  
label values SatOthComm_1819 SatOthComm
```

|  |  |
|--|--|
| <b>Indicator 4.14</b>  | <b>Shared decision-making (ShareDec_1819)</b>  |
| <b>Description</b>   | Did this child have a family who partnered in shared decision-making for the child's optimal health?   |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: D5, D6(a-c); for children 6-11 years: D5, D6(a-c); for children 12-17 years: D5, D6(a-c)<br>Variables in public use data file: BESTFORCHILD; DECISIONS; DISCUSOPT; RAISECONC |
| <b>Denominator</b>   | Children age 0-17 years who had a health care visit in the past 12 months  |
| <b>Numerator/Response Categories</b>   | No decisions needed; Families usually or always felt that they were partners in decision making; Families never or sometimes felt that they were partners in decision making   |
| <b>Notes for Data-Users</b>  |  |
| <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. The question was asked only if child had a health care visit in the past 12 months.</p>  |  |
| <b>Revisions and Changes</b>   |  |
| <p>There have been changes in this item or 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p>  |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre>gen DiscussOpt_1819 =. replace DiscussOpt_1819 =0 if decisions == 2 replace DiscussOpt_1819 =1 if missing(DiscussOpt_1819) &amp; discussopt ==1 replace DiscussOpt_1819 =2 if missing(DiscussOpt_1819) &amp; discussopt ==2 replace DiscussOpt_1819 =3 if missing(DiscussOpt_1819) &amp; discussopt ==3   discussopt ==4 replace DiscussOpt_1819 =99 if missing(DiscussOpt_1819) &amp; discussopt ==.m replace DiscussOpt_1819 =90 if missing(DiscussOpt_1819) &amp; discussopt ==.l label var DiscussOpt_1819 "Doctors discussed range of health care/treatment options"  gen RaiseConc_1819 =. replace RaiseConc_1819 =0 if decisions == 2 replace RaiseConc_1819 =1 if missing(RaiseConc_1819) &amp; raiseconc ==1 replace RaiseConc_1819 =2 if missing(RaiseConc_1819) &amp; raiseconc ==2 replace RaiseConc_1819 =3 if missing(RaiseConc_1819) &amp; raiseconc ==3   raiseconc ==4 replace RaiseConc_1819 =99 if missing(RaiseConc_1819) &amp; raiseconc ==.m replace RaiseConc_1819 =90 if missing(RaiseConc_1819) &amp; raiseconc ==.l</pre> |  |

```

label var RaiseConc_1819 "Doctors made it easy for parents to raise concerns or disagreements"

gen BestChoice_1819 =.
replace BestChoice_1819 =0 if decisions == 2
replace BestChoice_1819 =1 if missing(BestChoice_1819) & bestforchild ==1
replace BestChoice_1819 =2 if missing(BestChoice_1819) & bestforchild ==2
replace BestChoice_1819 =3 if missing(BestChoice_1819) & bestforchild ==3 | bestforchild ==4
replace BestChoice_1819 =99 if missing(BestChoice_1819) & bestforchild ==.m
replace BestChoice_1819 =90 if missing(BestChoice_1819) & bestforchild ==.l
label var BestChoice_1819 "Doctors worked with parents to decide together health care/treatment
options"

local varlist DiscussOpt_1819 RaiseConc_1819 BestChoice_1819
foreach var of local varlist {

label define `var' 0 "No decisions needed" 1 "Always" 2 "Usually" 3 "Sometimes or never" 90 "Did not
have a health care visit" 99 "Missing", modify
label values `var' `var'

}

gen ShareDec_1819 =.
replace ShareDec_1819 =0 if decisions ==. | decisions ==2

replace ShareDec_1819 =2 if (DiscussOpt_1819 ==3 | DiscussOpt_1819 ==99) | (RaiseConc_1819 ==3 |
RaiseConc_1819 ==99) | (BestChoice_1819 ==3 | BestChoice_1819 ==99)
replace ShareDec_1819 =1 if (DiscussOpt_1819 ==1 | DiscussOpt_1819 ==2 | DiscussOpt_1819 ==99) &
(RaiseConc_1819 ==1 | RaiseConc_1819 ==2 | RaiseConc_1819 ==99) & (BestChoice_1819 ==1 |
BestChoice_1819 ==2 | BestChoice_1819 ==99)
replace ShareDec_1819 =99 if DiscussOpt_1819 ==99 & RaiseConc_1819 ==99 & BestChoice_1819 ==99
label var ShareDec_1819 "Indicator 4.14: Children whose families are partners in shared decision-making"

#delimit ;
label define ShareDec
0 "No decisions needed"
1 "Always or usually"
2 "Ssometimes and never"
90 "Did not have a health care visit"
99 "Missing"
;#delimit cr

label values ShareDec_1819 ShareDec

```

|   |  |
|---|--|
| <b>Indicator 4.15</b>   | <b>Transition to adult health care, age 12-17 years (Transition_1819)</b>  |
| <b>Description</b>  | Did this child receive services needed for transition to adult health care, age 12-17 years?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 12-17 years: C2; D13, D14, D15(b-c)<br>Variable name in public use data file: CHANGEAGE; DOCPRIVATE; GAINSKILLS; TREATADULT; TREATCHILD |
| <b>Denominator</b>  | Youth age 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>   |  |
| <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 healthcare in the 2016 and 2017 NSCH scoring of this measure. Respondents with "missing" to all items were set to missing.</p> |  |
| <b>Revisions and Changes</b>  |  |
| <p>There have been changes in this item or 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p>   |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen TimeAlone_1819 =. replace TimeAlone_1819 =1 if docprivate ==1 replace TimeAlone_1819 =2 if docprivate ==2 replace TimeAlone_1819 =2 if s4q01 ==2 replace TimeAlone_1819 =99 if docprivate ==.m   s4q01 ==.m replace TimeAlone_1819 =95 if sc_age_years &lt;12 label var TimeAlone_1819 "Time alone with health care provider, age 12-17 years"  #delimit ; label define TimeAlone 1 "Had time alone with provider" 2 "No time alone with provider or no visit" 95 "Children age 0-11 years" 99 "Missing" ;#delimit cr label values TimeAlone_1819 TimeAlone gen ActiveWork_1819 =.</pre>   |  |

```

replace ActiveWork_1819 =1 if changeage ==1 | gainskills ==1
replace ActiveWork_1819 =2 if missing(ActiveWork_1819) & (changeage ==2 | gainskills ==2)
replace ActiveWork_1819 =99 if missing(ActiveWork_1819) & (changeage ==3 | changeage ==.m) &
(gainskills ==3 | gainskills ==.m)
replace ActiveWork_1819 =90 if missing(ActiveWork_1819) & sc_age_years <12
label var ActiveWork_1819 "Actively worked with the child to manage care transition, age 12-17 years"
#delimit ;
label define ActiveWork
1 "Provider worked with the child"
2 "Provider did not work with the child"
90 "Children age 0-11 years"
99 "Missing/Don't know to all"
;#delimit cr
label values ActiveWork_1819 ActiveWork

gen TrtAdult_1819 =.
replace TrtAdult_1819 =1 if treatchild ==1 & treatadult ==1
replace TrtAdult_1819 =2 if missing(TrtAdult_1819) & (treatchild ==1 & treatadult ==2)
replace TrtAdult_1819 =90 if missing(TrtAdult_1819) & treatchild ==2
replace TrtAdult_1819 =99 if missing(TrtAdult_1819) & (treatchild ==.m | treatadult ==.m)
replace TrtAdult_1819 =95 if sc_age_years <12
label var TrtAdult_1819 "Provider discussed shift to adult health care providers, age 12-17 years"

#delimit ;
label define TrtAdult
1 "Yes"
2 "No"
90 "Legit skip: discussion not needed, etc."
95 "Children age 0-11 years"
99 "Missing"
;#delimit cr
label values TrtAdult_1819 TrtAdult

gen Transition_1819 =.
replace Transition_1819 =1 if (TimeAlone_1819 ==1 | TimeAlone_1819 ==99) & (ActiveWork_1819 ==1 |
ActiveWork_1819 ==99) & (TrtAdult_1819 ==1 | TrtAdult_1819 ==99 | TrtAdult_1819 ==90)
replace Transition_1819 =2 if TimeAlone_1819 ==2 | ActiveWork_1819 ==2 | TrtAdult_1819 ==2
replace Transition_1819 =99 if TimeAlone_1819 ==99 & ActiveWork_1819 ==99 & TrtAdult_1819 ==99
replace Transition_1819 =90 if sc_age_years <12
label var Transition_1819 "Indicator 4.15: Transition to adult health care, age 12-17 years"

#delimit ;
label define Transition
1 "Received services for transition"
2 "Did not receive services for transition"
90 "Children age 0-11 years"
99 "Missing to all"
;#delimit cr
label values Transition_1819 Transition

```

\*\*Additional items for transition

```
gen GainSkill_1819 = gainskills
replace GainSkill_1819 =90 if sc_age_years <12
replace GainSkill_1819 =99 if gainskills ==.m
```

```
label var GainSkill_1819 "Doctor worked with the child to gain skills to manage their health, health care,
age 12-17 years"
```

```
#delimit ;
```

```
label define GainSkill
```

```
1 "Yes"
```

```
2 "No"
```

```
3 "Don't know"
```

```
99 "Missing"
```

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

```
;
```

```
#delimit cr
```

```
label values GainSkill_1819 GainSkill
```

```
gen ChngeAge_1819 = changeage
```

```
replace ChngeAge_1819 =90 if sc_age_years <12
```

```
replace ChngeAge_1819 =99 if changeage ==.m
```

```
label var ChngeAge_1819 "Doctor worked with child to understand health care changes, age 12-17 years"
```

```
#delimit ;
```

```
label define ChngeAge
```

```
1 "Yes"
```

```
2 "No"
```

```
3 "Don't know"
```

```
99 "Missing"
```

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

```
;
```

```
#delimit cr
```

```
label values ChngeAge_1819 ChngeAge
```

```
gen PosChoice_1819 = poschoice
```

```
replace PosChoice_1819 =90 if sc_age_years <12
```

```
replace PosChoice_1819 =99 if poschoice ==.m
```

```
label var PosChoice_1819 "Doctor worked with the child to make positive health choices, age 12-17 years"
```

```
#delimit ;
```

```
label define PosChoice
```

```
1 "Yes"
```

```
2 "No"
```

```
3 "Don't know"
```

```
99 "Missing"
```

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

```
;
```

```
#delimit cr
```

```

label values PosChoice_1819 PosChoice

gen MedHis_1819 = medhistory
replace MedHis_1819 =90 if sc_age_years <12
replace MedHis_1819 =99 if medhistory ==.m
label var MedHis_1819 "Youth received a summary of his/her medical history, age 12-17 years"

#delimit ;
label define MedHis
1 "Yes"
2 "No"
99 "Missing"
90 "Children age 0-11 years"
;
#delimit cr
label values MedHis_1819 MedHis

gen PlanCare_1819 = writeplan
replace PlanCare_1819 =99 if writeplan ==.m
replace PlanCare_1819 =95 if sc_age_years <12
label var PlanCare_1819 "Youth has a plan of care to meet their health goals and needs, age 12-17 years"

#delimit ;
label define PlanCare
1 "Yes"
2 "No"
95 "Children age 0-11 years"
99 "Missing"
;
#delimit cr

label values PlanCare_1819 PlanCare

gen PlanAccess_1819 = receivecopy
replace PlanAccess_1819 =90 if writeplan ==2
replace PlanAccess_1819 =99 if writeplan ==.m
replace PlanAccess_1819 =99 if receivecopy ==.m
replace PlanAccess_1819 =95 if sc_age_years <12
label var PlanAccess_1819 "Youth has access to the plan of care, age 12-17 years"

#delimit ;
label define PlanAccess
1 "Yes"
2 "No"
90 "Child does not have written plan to meet health goals and needs"
95 "Children age 0-11 years"
99 "Missing"
;
#delimit cr

```

```

label values PlanAccess_1819 PlanAccess

gen PlanNeeds_1819 = planneeds_r
replace PlanNeeds_1819 =90 if PlanNeeds_1819 ==.l
replace PlanNeeds_1819 =95 if sc_age_years <12
replace PlanNeeds_1819 =99 if planneeds_r ==.m | PlanNeeds_1819 ==99 | writeplan ==.m

label var PlanNeeds_1819 "The plan of care addresses transition to adult health care, age 12-17 years"

#delimit ;
label define PlanNeeds
1 "Yes"
2 "No"
3 "No, sees providers who treat adults"
90 "Child does not have written plan"
95 "children age 0-11 years"
99 "Missing"
;
#delimit cr

label values PlanNeeds_1819 PlanNeeds

gen InsNeeds_1819 = .
replace InsNeeds_1819 = 1 if healthknow == 1
replace InsNeeds_1819 = 1 if keepinsadult == 1
replace InsNeeds_1819 = 2 if healthknow == 2 & keepinsadult == 2
replace InsNeeds_1819 = 99 if healthknow == .m | keepinsadult == .m
replace InsNeeds_1819 = 90 if sc_age_years < 12

label var InsNeeds_1819 "Doctors have discussed future insurance needs, age 12-17 years"
#delimit ;

label define InsNeeds
1 "Know how child will be insured or has discussed"
2 "Do not know and has not discussed"
99 "Missing"
90 "Children age 0-11 years"
;
#delimit cr
label values InsNeeds_1819 InsNeeds

```



|  |   |
|--|---|
| <b>Indicator 4.17</b>  | <b>System of care (SystCare2_1819)</b>  |
| <b>Description</b>   | Did 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>   | Received care in a well-functioning system; Did not receive care in a well-functioning system |
| <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 early screening, 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 healthcare 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>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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p>  |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> ***Adequate insurance  gen CurrIns_1819 = currins replace CurrIns_1819 =99 if CurrIns_1819 ==.m label var CurrIns_1819 "Indicator 3.1: Health insurance status at time of survey"  #delimit ; label define CurrIns 1 "Insured at time of survey" 2 "Not insured/Indian HS/religious health share" 99 "Missing to any" ;#delimit cr  label values CurrIns_1819 CurrIns  replace InsGap_1819 =1 if insgap ==1 replace InsGap_1819 =2 if insgap ==2   insgap ==3 replace InsGap_1819 =2 if currins ==2 replace InsGap_1819 =99 if insgap ==.m </pre>  |   |

```
label var InsGap_1819 "Indicator 3.2: Children who had consistent health insurance coverage during the past 12 months"
```

```
#delimit ;
label define InsGap
1 "Consistently insured throughout past year"
2 "Currently uninsured/had a gap in coverage"
99 "Missing"
;#delimit cr
label values InsGap_1819 InsGap
```

```
gen benefits_1819 =.
replace benefits_1819 =1 if k3q20 ==1
replace benefits_1819 =2 if k3q20 ==2
replace benefits_1819 =3 if k3q20 ==3 | k3q20 ==4
replace benefits_1819 =99 if k3q20 ==.m
replace benefits_1819 =99 if currins ==.m
replace benefits_1819 =90 if currins ==2
label var benefits_1819 "Current insurance benefits meet children's needs"
```

```
#delimit ;
label define benefits
1 "Always"
2 "Usually"
3 "Sometimes or never"
90 "Uninsured"
99 "Missing"
;#delimit cr
label values benefits_1819 benefits
```

```
gen allows_1819 =.
replace allows_1819 =1 if k3q22 ==1
replace allows_1819 =2 if k3q22 ==2
replace allows_1819 =3 if k3q22 ==3 | k3q22 ==4
replace allows_1819 =99 if k3q22 ==.m
replace allows_1819 =99 if currins ==.m
replace allows_1819 =90 if currins ==2
label var allows_1819 "Current insurance coverage allows children to see needed providers"
```

```
#delimit ;
label define allows
1 "Always"
2 "Usually"
3 "Sometimes or never"
90 "Uninsured"
99 "Missing"
;#delimit cr
label values allows_1819 allows
```

```

gen expense_1819 =
replace expense_1819 =1 if k3q21b ==1
replace expense_1819 =2 if k3q21b ==2
replace expense_1819 =3 if k3q21b ==3 | k3q21b ==4
replace expense_1819 =99 if k3q21b ==.m
replace expense_1819 =4 if howmuch ==1
replace expense_1819 =99 if currins ==.m
replace expense_1819 =90 if currins ==2
label var expense_1819 "Current insurance out-of-pocket costs are reasonable"

#delimit ;
label define expense
1 "Always"
2 "Usually"
3 "Sometimes or never"
4 "No out-of-pocket costs"
90 "Uninsured"
99 "Missing"
;#delimit cr
label values expense_1819 expense

gen InsAdeq_1819 =
replace InsAdeq_1819 =1 if (benefits_1819 == 1 | benefits_1819 ==2 | benefits_1819 ==99) &
(allows_1819 == 1 | allows_1819 ==2 | allows_1819 ==99) & (expense_1819 == 1 | expense_1819 ==2 |
expense_1819 ==4 | expense_1819 ==99)
replace InsAdeq_1819 =2 if benefits_1819 ==3 | allows_1819 ==3 | expense_1819 ==3
replace InsAdeq_1819 =99 if benefits_1819 ==99 & allows_1819 ==99 & expense_1819 ==99
replace InsAdeq_1819 =90 if currins == 2
label var InsAdeq_1819 "Indicator 3.4: Adequacy of current insurance coverage"

#delimit ;
label define InsAdeq
1 "Insurance is adequate"
2 "Insurance is NOT adequate"
90 "Uninsured"
99 "Missing to all"
;#delimit cr
label values InsAdeq_1819 InsAdeq

gen Insurance_1819 =
replace Insurance_1819 =1 if (InsGap_1819 == 1 | InsGap_1819 ==99) & (InsAdeq_1819 ==1 |
InsAdeq_1819 ==99)
replace Insurance_1819 =2 if CurrIns_1819 ==2 | InsGap_1819 ==2 | InsAdeq_1819 ==2
replace Insurance_1819 =99 if InsGap_1819 ==99 & InsAdeq_1819 ==99
label var Insurance_1819 "Indicator 3.4a: Adequate and continuous insurance"

#delimit ;
label define insurance
1 "Currently insured, consistently insured and insurance is adequate"

```

```

2 "Not currently insured, had coverage gap or inadequate insurance"
99 "Missing to any"
;#delimit cr
label values Insurance_1819 insurance

**Received medical and dental preventive care

gen MedDentSyst_1819 =.
replace MedDentSyst_1819 =99 if (k4q20r ==.m | s4q01 ==.m) & (PrevDent_1819 ==90 | PrevDent_1819
==99)
replace MedDentSyst_1819 =1 if missing(MedDentSyst_1819) & ((k4q20r ==2 | k4q20r ==3) | (k4q20r
==.m | s4q01 ==.m)) & (PrevDent_1819 ==1 | PrevDent_1819 ==90 | PrevDent_1819 ==99)
replace MedDentSyst_1819 =2 if missing(MedDentSyst_1819) & (s4q01 ==2 | k4q20r ==1) |
(PrevDent_1819 ==2)
label var MedDentSyst_1819 "Children who received both preventive medical and dental care during the
past 12 months"

**Difficulties obtaining services

gen frustrated_1819 =.
replace frustrated_1819 =99 if c4q04 ==.m
replace frustrated_1819 =0 if missing(frustrated_1819) & c4q04 ==1
replace frustrated_1819 =1 if missing(frustrated_1819) & c4q04 ==2
replace frustrated_1819 =2 if missing(frustrated_1819) & (c4q04 ==3 | c4q04 ==4)
label var frustrated_1819 "Indicator 4.20: Frustrated in efforts to get services"

#delimit ;
label define frustrated
0 "Never frustrated"
1 "Sometimes frustrated"
2 "Usually or always frustrated"
99 "Missing"
;#delimit cr
label values frustrated_1819 frustrated

gen UnmetFrust_1819 =.
replace UnmetFrust_1819 =99 if k4q27 ==.m & frustrated_1819 ==99
replace UnmetFrust_1819 =1 if missing(UnmetFrust_1819) & (k4q27 ==2 | k4q27 ==.m) &
(frustrated_1819 ==0 | frustrated_1819 ==1 | frustrated_1819 ==99)
replace UnmetFrust_1819 =2 if missing(UnmetFrust_1819) & (k4q27 ==1 | frustrated_1819 ==2)
label var UnmetFrust_1819 "Children whose parents had difficulties in accessing care and always or
usually frustrated in effort getting services for their children"

#delimit ;
label define UnmetFrust
1 "No unmet need and frustration"
2 "Experienced unmet need and frustration"
99 "Missing to any"
;#delimit cr

```

label values UnmetFrustr\_1819 UnmetFrustr

\*\*Shared decision making

```
gen DiscussOpt_1819 =.
replace DiscussOpt_1819 =0 if decisions == 2
replace DiscussOpt_1819 =1 if missing(DiscussOpt_1819) & discussopt ==1
replace DiscussOpt_1819 =2 if missing(DiscussOpt_1819) & discussopt ==2
replace DiscussOpt_1819 =3 if missing(DiscussOpt_1819) & discussopt ==3 | discussopt ==4
replace DiscussOpt_1819 =99 if missing(DiscussOpt_1819) & discussopt ==.m
replace DiscussOpt_1819 =90 if missing(DiscussOpt_1819) & discussopt ==.l
label var DiscussOpt_1819 "Doctors discussed range of health care/treatment options"
```

```
gen RaiseConc_1819 =.
replace RaiseConc_1819 =0 if decisions == 2
replace RaiseConc_1819 =1 if missing(RaiseConc_1819) & raiseconc ==1
replace RaiseConc_1819 =2 if missing(RaiseConc_1819) & raiseconc ==2
replace RaiseConc_1819 =3 if missing(RaiseConc_1819) & raiseconc ==3 | raiseconc ==4
replace RaiseConc_1819 =99 if missing(RaiseConc_1819) & raiseconc ==.m
replace RaiseConc_1819 =90 if missing(RaiseConc_1819) & raiseconc ==.l
label var RaiseConc_1819 "Doctors made it easy for parents to raise concerns or disagreements"
```

```
gen BestChoice_1819 =.
replace BestChoice_1819 =0 if decisions == 2
replace BestChoice_1819 =1 if missing(BestChoice_1819) & bestforchild ==1
replace BestChoice_1819 =2 if missing(BestChoice_1819) & bestforchild ==2
replace BestChoice_1819 =3 if missing(BestChoice_1819) & bestforchild ==3 | bestforchild ==4
replace BestChoice_1819 =99 if missing(BestChoice_1819) & bestforchild ==.m
replace BestChoice_1819 =90 if missing(BestChoice_1819) & bestforchild ==.l
label var BestChoice_1819 "Doctors worked with parents to decide together health care/treatment options"
```

```
local varlist DiscussOpt_1819 RaiseConc_1819 BestChoice_1819
foreach var of local varlist {
```

```
label define `var' 0 "No decisions needed" 1 "Always" 2 "Usually" 3 "Sometimes or never" 90 "Did not have a health care visit" 99 "Missing", modify
label values `var' `var'
```

```
}
```

```
gen ShareDec_1819 =.
replace ShareDec_1819 =0 if decisions ==.l | decisions ==2

replace ShareDec_1819 =2 if (DiscussOpt_1819 ==3 | DiscussOpt_1819 ==99) | (RaiseConc_1819 ==3 | RaiseConc_1819 ==99) | (BestChoice_1819 ==3 | BestChoice_1819 ==99)
replace ShareDec_1819 =1 if (DiscussOpt_1819 ==1 | DiscussOpt_1819 ==2 | DiscussOpt_1819 ==99) & (RaiseConc_1819 ==1 | RaiseConc_1819 ==2 | RaiseConc_1819 ==99) & (BestChoice_1819 ==1 | BestChoice_1819 ==2 | BestChoice_1819 ==99)
```

```
replace ShareDec_1819 =99 if DiscussOpt_1819 ==99 & RaiseConc_1819 ==99 & BestChoice_1819 ==99
label var ShareDec_1819 "Indicator 4.14: Children whose families are partners in shared decision-making"
```

```
#delimit ;
label define ShareDec
0 "No decisions needed"
1 "Always or usually"
2 "Ssometimes and never"
90 "Did not have a health care visit"
99 "Missing"
;#delimit cr
label values ShareDec_1819 ShareDec
```

**\*\*Medical home**

```
gen PerDrNs_1819 =.
replace PerDrNs_1819 =1 if k4q04_r ==1 | k4q04_r ==2
replace PerDrNs_1819 =2 if missing(PerDrNs_1819) & k4q04_r ==3
replace PerDrNs_1819 =99 if missing(PerDrNs_1819) & k4q04_r ==.m
label var PerDrNs_1819 "Indicator 4.12a: MH Component: Children with a personal doctor or nurse"
```

```
#delimit ;
label define PerDrNs
1 "Yes, have at least one personal doctor or nurse"
2 "Do not have a personal doctor or nurse"
99 "Missing"
;#delimit cr
label values PerDrNs_1819 PerDrNs
```

```
gen UsualSck_1819 =.
replace UsualSck_1819 =1 if k4q01 ==1 & (k4q02_r ==1 | k4q02_r ==3 | k4q02_r ==4 | k4q02_r ==5 |
k4q02_r ==6 | k4q02_r ==7)
replace UsualSck_1819 =2 if missing(UsualSck_1819) & (k4q01 ==2 | k4q02 ==2)
replace UsualSck_1819 =99 if missing(UsualSck_1819) & (k4q01 ==.m | k4q02 ==.m)
label var UsualSck_1819 "Indicator 4.12b: MH Component: Usual source for sick care"
```

```
#delimit ;
label define UsualSck
1 "Have usual sources for sick care"
2 "Do not have usual sources for sick care"
99 "Missing"
;#delimit cr
label values UsualSck_1819 UsualSck
```

```
gen time_1819 =.
replace time_1819 =99 if k5q40 ==.m
replace time_1819 =0 if missing(time_1819) & k5q40 ==.l
replace time_1819 =1 if missing(time_1819) & k5q40 ==1
replace time_1819 =2 if missing(time_1819) & k5q40 ==2
```

```

replace time_1819 =3 if missing(time_1819) & (k5q40 ==3 | k5q40 ==4)
label var time_1819 "Doctors spent enough time with children"

gen listen_1819 =.
replace listen_1819 =99 if k5q41 ==.m
replace listen_1819 =0 if missing(listen_1819) & k5q41 ==.l
replace listen_1819 =1 if missing(listen_1819) & k5q41 ==1
replace listen_1819 =2 if missing(listen_1819) & k5q41 ==2
replace listen_1819 =3 if missing(listen_1819) & (k5q41 ==3 | k5q41 ==4)
label var listen_1819 "Doctors listened carefully"

gen sensitiv_1819 =.
replace sensitiv_1819 =99 if k5q42 ==.m
replace sensitiv_1819 =0 if missing(sensitiv_1819) & k5q42 ==.l
replace sensitiv_1819 =1 if missing(sensitiv_1819) & k5q42 ==1
replace sensitiv_1819 =2 if missing(sensitiv_1819) & k5q42 ==2
replace sensitiv_1819 =3 if missing(sensitiv_1819) & (k5q42 ==3 | k5q42 ==4)
label var sensitiv_1819 "Doctors showed sensitivity to children's family's values and customs"

gen info_1819 =.
replace info_1819 =99 if k5q43 ==.m
replace info_1819 =0 if missing(info_1819) & k5q43 ==.l
replace info_1819 =1 if missing(info_1819) & k5q43 ==1
replace info_1819 =2 if missing(info_1819) & k5q43 ==2
replace info_1819 =3 if missing(info_1819) & (k5q43 ==3 | k5q43 ==4)
label var info_1819 "Doctors provided information specific to parents' concerns"

gen partner_1819 =.
replace partner_1819 =99 if k5q44 ==.m
replace partner_1819 =0 if missing(partner_1819) & k5q44 ==.l
replace partner_1819 =1 if missing(partner_1819) & k5q44 ==1
replace partner_1819 =2 if missing(partner_1819) & k5q44 ==2
replace partner_1819 =3 if missing(partner_1819) & (k5q44 ==3 | k5q44 ==4)
label var partner_1819 "Doctors helped parents feel like partners in child's care"

local varlist time_1819 listen_1819 sensitiv_1819 info_1819 partner_1819
foreach var of local varlist {

label define `var' 0 "Did not have health care visit in the past 12 months" 1 "Always" 2 "Usually" 3
"Sometimes or never" 99 "Missing", modify
label values `var' `var'
}

foreach var of varlist time_1819 listen_1819 sensitiv_1819 info_1819 partner_1819{
label define `var' 0 "Did not have health care visit in the past 12 months" 1 "Always" 2 "Usually" 3
"Sometimes or never" 99 "Missing", modify
label values `var' `var'
}

```

```

gen FamCent_1819 =.
replace FamCent_1819 =99 if time_1819 ==99 & listen_1819 ==99 & sensitiv_1819 ==99 & info_1819
==99 & partner_1819 ==99
replace FamCent_1819 =0 if missing(FamCent_1819) & time_1819 ==0
replace FamCent_1819 =1 if missing(FamCent_1819) & (time_1819 ==1 | time_1819 ==2 | time_1819
==99) & (listen_1819 ==1 | listen_1819 ==2 | listen_1819 ==99) & (sensitiv_1819 ==1 | sensitiv_1819 ==2
| sensitiv_1819 ==99) & (info_1819 ==1 | info_1819 ==2 | info_1819 ==99) & (partner_1819 ==1 |
partner_1819 ==2 | partner_1819 ==99)
replace FamCent_1819 =2 if missing(FamCent_1819) & (time_1819 ==3 | time_1819 ==99 |
FamCent_1819 ==.) & (listen_1819 ==3 | listen_1819 ==99 | FamCent_1819 ==.) & (sensitiv_1819 ==3 |
sensitiv_1819 ==99 | FamCent_1819 ==.) & (info_1819 ==3 | info_1819 ==99 | FamCent_1819 ==.) &
(partner_1819 ==3 | partner_1819 ==99 | FamCent_1819 ==.)
label var FamCent_1819 "Indicator 4.12c: MH Component: Children who received family-centered care"

```

```

#delimit ;
label define FamCent
0 "Did not have health care visits"
1 "Received family-centered care"
2 "Did not receive family-centered care"
99 "Missing to all"
;#delimit cr
label values FamCent_1819 FamCent

```

```

gen NoRefPrb_1819 =.
replace NoRefPrb_1819 =0 if k5q10 ==2
replace NoRefPrb_1819 =99 if missing(NoRefPrb_1819) & k5q10 ==.m
replace NoRefPrb_1819 =4 if missing(NoRefPrb_1819) & k5q11 ==4
replace NoRefPrb_1819 =3 if missing(NoRefPrb_1819) & k5q11 ==3
replace NoRefPrb_1819 =2 if missing(NoRefPrb_1819) & k5q11 ==2
replace NoRefPrb_1819 =1 if missing(NoRefPrb_1819) & k5q11 ==1
replace NoRefPrb_1819 =99 if missing(NoRefPrb_1819) & k5q11 ==.m
label var NoRefPrb_1819 "Indicator 4.12d: MH Component: Difficulties getting referrals"

```

```

#delimit ;
label define NoRefPrb
0 "Did not need referrals"
1 "Not difficult"
2 "Somewhat difficult"
3 "Very difficult"
4 "It was not possible to obtain care"
99 "Missing to all"
;#delimit cr
label values NoRefPrb_1819 NoRefPrb

```

```

gen DrComm_1819 =.
replace DrComm_1819 =0 if k5q20_r ==3 | s4q01 ==2
replace DrComm_1819 =99 if missing(DrComm_1819) & k5q30 ==.m
replace DrComm_1819 =1 if missing(DrComm_1819) & k5q30 ==1
replace DrComm_1819 =2 if missing(DrComm_1819) & k5q30 ==2

```



```

replace DrComm_1819 =3 if missing(DrComm_1819) & (k5q30 ==3 | k5q30 ==4)
replace DrComm_1819 =0 if missing(DrComm_1819) & k5q30 ==.
label var DrComm_1819 "Satisfaction with communication among child's doctor"

#delimit ;
label define DrComm
0 "Did not see more than one doctor"
1 "Very satisfied"
2 "Somewhat satisfied"
3 "Somewhat or very dissatisfied"
99 "Missing"
;#delimit cr
label values DrComm_1819 DrComm

gen CareHelp_1819 =.
replace CareHelp_1819 =99 if s4q01 ==.m
replace CareHelp_1819 =0 if missing(CareHelp_1819) & (k5q20_r ==3 | s4q01 ==2)
replace CareHelp_1819 =0 if missing(CareHelp_1819) & (k5q20_r ==2 & k5q21 ==2)
replace CareHelp_1819 =99 if missing(CareHelp_1819) & (k5q20_r ==.m & k5q21 ==2)
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q20_r ==.m
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q21 ==.m
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q22 ==.m
replace CareHelp_1819 =1 if missing(CareHelp_1819) & (k5q20_r ==1 & k5q21 ==2)
replace CareHelp_1819 =1 if missing(CareHelp_1819) & k5q22 ==1
replace CareHelp_1819 =2 if missing(CareHelp_1819) & (k5q22 ==2 | k5q22 ==3)
label var CareHelp_1819 "Got all needed extra help with care coordination when needed"

#delimit ;
label define CareHelp
0 "Did not need care coordination"
1 "Got all needed extra help"
2 "Needed extra help/did not get it"
99 "Missing"
;#delimit cr
label values CareHelp_1819 CareHelp

gen OthComm_1819 =.
replace OthComm_1819 =0 if k5q31_r ==2 | k5q31_r ==3
replace OthComm_1819 =99 if missing(OthComm_1819) & k5q31_r ==.m
replace OthComm_1819 =1 if missing(OthComm_1819) & k5q32 ==1
replace OthComm_1819 =2 if missing(OthComm_1819) & (k5q32 ==2 | k5q32 ==3 | k5q32 ==4)
replace OthComm_1819 =99 if missing(OthComm_1819) & k5q32 ==.m
replace OthComm_1819 =0 if missing(OthComm_1819) & k5q32 ==.
label var OthComm_1819 "Satisfaction with communication among child's doctors and school, etc."

#delimit ;
label define OthComm
0 "No communication needed/did not occur"
1 "Very satisfied"

```

```

2 "Less than very satisfied"
99 "Missing to either item"
;#delimit cr

label values OthComm_1819 OthComm

gen CareCoor_1819 =.
replace CareCoor_1819 =99 if CareHelp_1819 ==99 & DrComm_1819 ==99 & OthComm_1819 ==99
replace CareCoor_1819 =0 if missing(CareCoor_1819) & (CareHelp_1819 ==0 | CareHelp_1819 ==99) &
(DrComm_1819 ==0 | DrComm_1819 ==99) & (OthComm_1819 ==0 | OthComm_1819 ==99)
replace CareCoor_1819 =1 if missing(CareCoor_1819) & (CareHelp_1819 ==1 | CareHelp_1819 ==0 |
CareHelp_1819 ==99) & (DrComm_1819 ==1 | DrComm_1819 ==0 | DrComm_1819 ==99) &
(OthComm_1819 ==1 | OthComm_1819 ==0 | OthComm_1819 ==99)
replace CareCoor_1819 =2 if missing(CareCoor_1819) & (CareHelp_1819 ==2 | CareHelp_1819 ==99 |
CareCoor_1819==.) & (DrComm_1819 ==2 | DrComm_1819 ==99 | CareCoor_1819==.) &
(OthComm_1819 ==2 | OthComm_1819 ==99 | CareCoor_1819==.)
label var CareCoor_1819 "Indicator 4.12e: Medical MH: Effective care coordination, all children"

#delimit ;
label define CareCoor
0 "Did not need care coordination"
1 "Received needed care coordination"
2 "Did not receive needed care coordination"
99 "Missing to all"
;#delimit cr
label values CareCoor_1819 CareCoor

gen MedHome_1819 =0
replace MedHome_1819 =2 if PerDrNs_1819 ==2 | UsualSck_1819 ==2 |(NoRefPrb_1819 ==2 |
NoRefPrb_1819 ==3 | NoRefPrb_1819 ==4) | FamCent_1819 ==2 | CareCoor_1819 ==2
replace MedHome_1819 =1 if (PerDrNs_1819 ==1 | PerDrNs_1819 ==99) & (UsualSck_1819 ==1 |
UsualSck_1819 ==99) & (NoRefPrb_1819 ==1 | NoRefPrb_1819 ==0 | NoRefPrb_1819 ==99) &
(FamCent_1819 ==1 | FamCent_1819 ==0 | FamCent_1819 ==99) & (CareCoor_1819 ==1 |
CareCoor_1819 ==0 | CareCoor_1819 ==99)
replace MedHome_1819 =99 if PerDrNs_1819 ==99 & UsualSck_1819 ==99 & (NoRefPrb_1819 ==0 |
NoRefPrb_1819 ==99) & (FamCent_1819 ==0 | FamCent_1819 ==99) & (CareCoor_1819 ==0 |
CareCoor_1819 ==99)
label var MedHome_1819 "Indicator 4.12: Children who receive coordinated, ongoing, comprehensive
care within a medical home"

#delimit ;
label define MedHome
1 "Care met medical home criteria"
2 "Care did not meet medical home criteria"
99 "Missing to all"
;#delimit cr
label values MedHome_1819 MedHome

***Transition to adult health care – 12-17 years

```

```

gen TimeAlone_1819 =.
replace TimeAlone_1819 =1 if docprivate ==1
replace TimeAlone_1819 =2 if docprivate ==2
replace TimeAlone_1819 =2 if s4q01 ==2
replace TimeAlone_1819 =99 if docprivate ==.m | s4q01 ==.m
replace TimeAlone_1819 =95 if sc_age_years <12
label var TimeAlone_1819 "Time alone with health care provider, age 12-17 years"

#delimit ;
label define TimeAlone
1 "Had time alone with provider"
2 "No time alone with provider or no visit"
95 "Children age 0-11 years"
99 "Missing"
;#delimit cr
label values TimeAlone_1819 TimeAlone
gen ActiveWork_1819 =.
replace ActiveWork_1819 =1 if changeage ==1 | gainskills ==1
replace ActiveWork_1819 =2 if missing(ActiveWork_1819) & (changeage ==2 | gainskills ==2)
replace ActiveWork_1819 =99 if missing(ActiveWork_1819) & (changeage ==3 | changeage ==.m) &
(gainskills ==3 | gainskills ==.m)
replace ActiveWork_1819 =95 if missing(ActiveWork_1819) & sc_age_years <12
label var ActiveWork_1819 " Actively worked with the child to manage care transition, age 12-17 years"
#delimit ;
label define ActiveWork
1 "Provider worked with the child"
2 "Provider did not work with the child"
90 "Children age 0-11 years"
99 "Missing/Don't know to all"
;#delimit cr
label values ActiveWork_1819 ActiveWork

gen TrtAdult_1819 =.
replace TrtAdult_1819 =1 if treatchild ==1 & treatadult ==1
replace TrtAdult_1819 =2 if missing(TrtAdult_1819) & (treatchild ==1 & treatadult ==2)
replace TrtAdult_1819 =90 if missing(TrtAdult_1819) & treatchild ==2
replace TrtAdult_1819 =99 if missing(TrtAdult_1819) & (treatchild ==.m | treatadult ==.m)
replace TrtAdult_1819 =95 if sc_age_years <12
label var TrtAdult_1819 "Provider discussed shift to adult health care providers, age 12-17 years"

#delimit ;
label define TrtAdult
1 "Yes"
2 "No"
90 "Legit skip: discussion not needed, etc."
95 "Children age 0-11 years"
99 "Missing"
;#delimit cr

```

```

label values TrtAdult_1819 TrtAdult

gen Transition_1819 =.
replace Transition_1819 =1 if (TimeAlone_1819 ==1 | TimeAlone_1819 ==99) & (ActiveWork_1819 ==1 |
ActiveWork_1819 ==99) & (TrtAdult_1819 ==1 | TrtAdult_1819 ==99 | TrtAdult_1819 ==90)
replace Transition_1819 =2 if TimeAlone_1819 ==2 | ActiveWork_1819 ==2 | TrtAdult_1819 ==2
replace Transition_1819 =99 if TimeAlone_1819 ==99 & ActiveWork_1819 ==99 & TrtAdult_1819 ==99
replace Transition_1819 =90 if sc_age_years <12
label var Transition_1819 "Indicator 4.15: Transition to adult health care, age 12-17 years"

#delimit ;
label define Transition
1 "Received services for transition"
2 "Did not receive services for transition"
90 "Children age 0-11 years"
99 "Missing to all"
;#delimit cr
label values Transition_1819 Transition

***Systems of care

gen syst1_ct =0
replace syst1_ct = syst1_ct +1 if ShareDec_1819 ==0 | ShareDec_1819 ==1 | ShareDec_1819 ==99
replace syst1_ct = syst1_ct +1 if MedHome_1819 ==1 | MedHome_1819 ==99
replace syst1_ct = syst1_ct +1 if Insurance_1819 ==1 | Insurance_1819 ==99
replace syst1_ct = syst1_ct +1 if MedDentSyst_1819 ==1 | MedDentSyst_1819 ==99
replace syst1_ct = syst1_ct +1 if UnmetFrustr_1819 ==1 | UnmetFrustr_1819 ==99
label var syst1_ct "Children ages 0-11 meeting one or more of five criteria for system of care"
replace syst1_ct =99 if (ShareDec_1819 ==0 | ShareDec_1819 ==99) & MedHome_1819 ==99 &
Insurance_1819 ==99 & MedDentSyst_1819 ==99 & UnmetFrustr_1819 ==99
replace syst1_ct =90 if sc_age_years >11

gen syst2_ct =0
replace syst2_ct = syst2_ct +1 if ShareDec_1819 ==0 | ShareDec_1819 ==1 | ShareDec_1819 ==99
replace syst2_ct = syst2_ct +1 if MedHome_1819 ==1 | MedHome_1819 ==99
replace syst2_ct = syst2_ct +1 if Insurance_1819 ==1 | Insurance_1819 ==99
replace syst2_ct = syst2_ct +1 if MedDentSyst_1819 ==1 | MedDentSyst_1819 ==99
replace syst2_ct = syst2_ct +1 if UnmetFrustr_1819 ==1 | UnmetFrustr_1819 ==99
replace syst2_ct = syst2_ct +1 if Transition_1819 ==1 | Transition_1819 ==99
replace syst2_ct =99 if (ShareDec_1819 ==0 | ShareDec_1819 ==99) & MedHome_1819 ==99 &
Insurance_1819 ==99 & MedDentSyst_1819 ==99 & UnmetFrustr_1819 ==99 & Transition_1819 ==99
replace syst2_ct =90 if sc_age_years <12
label var syst2_ct "Children ages 12-17 meeting one or more of six criteria for system of care"

gen sys0to11care2_1819 =.
replace sys0to11care2_1819 =2 if syst1_ct ==0 | syst1_ct ==0 | syst1_ct ==1 | syst1_ct ==2 | syst1_ct ==3
| syst1_ct ==4
replace sys0to11care2_1819 =1 if syst1_ct ==5
replace sys0to11care2_1819 =99 if syst1_ct ==99

```

```

replace sys0to11care2_1819 =90 if sc_age_years >11
label var sys0to11care2_1819 "Children ages 0-11 who received care in a well-functioning system"

#delimit ;
label define sys0to11care2
1 "Received care in a well-functioning system"
2 "Did not receive care in a well-functioning system"
90 "Children age 12-17 years"
99 "Missing to any"
;#delimit cr
label values sys0to11care2_1819 sys0to11care2

gen sys12to17care2_1819 =.
replace sys12to17care2_1819 =2 if syst2_ct ==0 | syst2_ct ==0 | syst2_ct ==1 | syst2_ct ==2 | syst2_ct
==3 | syst2_ct ==4 | syst2_ct ==5
replace sys12to17care2_1819 =1 if syst2_ct ==6
replace sys12to17care2_1819 =99 if syst2_ct ==99
replace sys12to17care2_1819 =90 if sc_age_years <12
label var sys12to17care2_1819 "Children ages 12-17 who received care in a well-functioning system"

#delimit ;
label define sys12to17care2
1 "Received care in a well-functioning system"
2 "Did not receive care in a well-functioning system"
90 "Children age 0-11 years"
99 "Missing to all items"
;#delimit cr
label values sys12to17care2_1819 sys12to17care2

gen SystCare2_1819 =.
replace SystCare2_1819 =1 if sc_age_years < 12 & syst1_ct ==5
replace SystCare2_1819 =2 if sc_age_years < 12 & syst1_ct <5
replace SystCare2_1819 =1 if sc_age_years > 11 & syst2_ct ==6
replace SystCare2_1819 =2 if sc_age_years > 11 & syst2_ct <6
replace SystCare2_1819 =99 if syst2_ct ==99 | syst1_ct ==99
label var SystCare2_1819 "Indicator 4.17: Percent of children received care in a well-functioning system"

#delimit ;
label define SystCare2
1 "Received care in a well-functioning system"
2 "Did not receive care in a well-functioning system"
99 "Missing to all items"
;#delimit cr
label values SystCare2_1819 SystCare2

```

|  |  |
|--|--|
| <b>Indicator 4.18</b>  | <b>Forgone health care (ForgoneCare_1819)</b>  |
| <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: C25 (2018), C23 (2019); for children 6-11 years: C23; for children 12-17 years: C24<br>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? 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 item since 2016.  |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen ForgoneCare_1819 = k4q27 replace ForgoneCare_1819 =99 if ForgoneCare_1819 ==.m label var ForgoneCare_1819 "Indicator 4.18: Children who needed health care but it was not received" #delimit ; label define ForgoneCare 1 "Did not receive needed health care" 2 "Received needed health care/not needed" 99 "Missing" ;#delimit cr label values ForgoneCare_1819 ForgoneCare  ***Types of forgone care services  gen ForgoneMed_1819 = k4q28x01 replace ForgoneMed_1819 =2 if k4q27 ==2 replace ForgoneMed_1819 =99 if k4q28x01 ==.m   k4q27 ==.m label var ForgoneMed_1819 "Did not receive needed medical care during the past 12 months" #delimit ; label define ForgoneMed 1 "Did not receive needed medical care" 2 "Received needed medical care/not needed" 99 "Missing" ;#delimit cr label values ForgoneMed_1819 ForgoneMed </pre> |  |

```
gen ForgoneDent_1819 = k4q28x02
replace ForgoneDent_1819 =2 if k4q27 ==2
replace ForgoneDent_1819 =99 if k4q28x02 ==.m | k4q27 ==.m
replace ForgoneDent_1819 =90 if sc_age_years <1
label var ForgoneDent_1819 "Did not receive needed dental care"
```

```
#delimit ;
label define ForgoneDent
1 "Did not receive needed dental care"
2 "Received needed dental care/not needed"
90 "Children age less than 1 year old"
99 "Missing"
;#delimit cr
label values ForgoneDent_1819 ForgoneDent
```

```
gen ForgoneVisn_1819 = k4q28x03
replace ForgoneVisn_1819 =2 if k4q27 ==2
replace ForgoneVisn_1819 =99 if k4q28x03 ==.m | k4q27 ==.m
label var ForgoneVisn_1819 "Did not receive needed vision health care"
```

```
#delimit ;
label define ForgoneVisn
1 "Did not receive needed vision care"
2 "Received needed vision care/not needed"
99 "Missing"
;#delimit cr
label values ForgoneVisn_1819 ForgoneVisn
```

```
gen ForgoneHear_1819 = k4q28x_ear
replace ForgoneHear_1819 =2 if k4q27 ==2
replace ForgoneHear_1819 =99 if k4q28x_ear ==.m | k4q27 ==.m
label var ForgoneHear_1819 "Did not receive needed hearing health care"
```

```
#delimit ;
label define ForgoneHear
1 "Did not receive needed hearing care"
2 "Received needed hearing care/not needed"
99 "Missing"
;#delimit cr
label values ForgoneHear_1819 ForgoneHear
```

```
gen ForgoneMH_1819 = k4q28x04
replace ForgoneMH_1819 =2 if k4q27 ==2
replace ForgoneMH_1819 =99 if k4q28x04 ==.m | k4q27 ==.m
replace ForgoneMH_1819 =90 if sc_age_years <3
label var ForgoneMH_1819 "Did not receive needed mental health care, age 3-17 years"
```

```
#delimit ;
```

```

label define ForgoneMH
1 "Did not receive needed care"
2 "Received needed care/not needed"
90 "Children age 0-2 years old"
99 "Missing"
;#delimit cr
label values ForgoneMH_1819 ForgoneMH

***Reasons for forgone care

gen ineligible_1819 = notelig
replace ineligible_1819 =90 if k4q27 ==2
replace ineligible_1819 =99 if k4q27 ==.m | ineligible_1819 ==.m
label var ineligible_1819 "Did not receive needed health care because the child was not eligible"

gen unavailable_1819 = available
replace unavailable_1819 =90 if k4q27 ==2
replace unavailable_1819 =99 if k4q27 ==.m | unavailable_1819 ==.m
label var unavailable_1819 "Forgone health care due to availability"

gen appointment_1819 = appointment
replace appointment_1819 =90 if k4q27 ==2
replace appointment_1819 =99 if k4q27 ==.m | appointment_1819 ==.m
label var appointment_1819 "Forgone health care due to problems getting an appointment"

gen transport_1819 = transportcc
replace transport_1819 =90 if k4q27 ==2
replace transport_1819 =99 if k4q27 ==.m | transport_1819 ==.m
label var transport_1819 "Forgone health care due to problems getting transportation or child care"

gen NotOpen_1819 = notopen
replace NotOpen_1819 =90 if k4q27 ==2
replace NotOpen_1819 =99 if k4q27 ==.m | NotOpen_1819 ==.m
label var NotOpen_1819 "Forgone for health care because office was not open"

gen CostIssue_1819 = issuecost
replace CostIssue_1819 =90 if k4q27 ==2
replace CostIssue_1819 =99 if k4q27 ==.m | CostIssue_1819 ==.m
label var CostIssue_1819 "Did not receive needed health care due to issues related to cost"

local varlist ineligible_1819 unavailable_1819 appointment_1819 transport_1819 NotOpen_1819
CostIssue_1819
foreach var of local varlist {

label define `var' 1 "Experienced this difficulty" 2 "Did not experience this difficulty" 90 "Received needed
health care" 99 "Missing", modify
label values `var' `var'

}

```



|  |   |
|--|---|
| <b>Indicator 4.19</b>  | <b>Problems paying medical bills (MedBills_1819)</b>  |
| <b>Description</b>   | During the past 12 months, did your family have problems paying for any of this child's medical or health care bills?   |
| <b>Survey Items Used</b>   | 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<br>Variables in public use data file: HOWMUCH; K3Q25 |
| <b>Denominator</b>   | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>   | No medical or health-related expenses; Had problems paying medical bills; Did not have problems paying medical bills  |
| <b>Notes for Data-Users</b>  |   |
| This question was asked among children who had out-of-pocket costs for health care during the past 12 months.  |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this item since 2016.  |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen MedBills_1819 = k3q25 replace MedBills_1819 =0 if howmuch ==1 replace MedBills_1819 =99 if MedBills_1819 ==.m label var MedBills_1819 "Indicator 4.19: Problems paying medical bills"  #delimit ; label define MedBills 0 "No medical or health-related expenses" 1 "Had problems paying medical bills" 2 "No problems paying medical bills" 99 "Missing" ;#delimit cr  label values MedBills_1819 MedBills </pre> |   |

|   |  |
|---|--|
| <b>Indicator 4.20</b>   | <b>Frustrated in efforts to get services (frustrated_1819)</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: C28 (2018) C26(2019); for children 6-11 years: C26; for children 12-17 years: C27<br>Variable in public use data file: C4Q04 |
| <b>Denominator</b>  | Children age 0-17 years  |
| <b>Numerator/Response Categories</b>  | Never frustrated; Sometimes frustrated; Usually or always frustrated   |
| <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 since 2016.   |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre> gen frustrated_1819 =. replace frustrated_1819 =99 if c4q04 ==.m replace frustrated_1819 =0 if missing(frustrated_1819) &amp; c4q04 ==1 replace frustrated_1819 =1 if missing(frustrated_1819) &amp; c4q04 ==2 replace frustrated_1819 =2 if missing(frustrated_1819) &amp; (c4q04 ==3   c4q04 ==4) label var frustrated_1819 "Indicator 4.20: Frustrated in efforts to get services"  #delimit ; label define frustrated 0 "Never frustrated" 1 "Sometimes frustrated" 2 "Usually or always frustrated" 99 "Missing" ;#delimit cr label values frustrated_1819 frustrated </pre> |  |

*Community and school activities*

|   |   |
|---|---|
| <b>Indicator 5.1</b>  | <b>Special education or early intervention plan (EIP), age 1-17 years (SpEducPln_1819)</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: C31(2018), C33(2018) C29(2019), C31(2019); for children 6-11 years: C29, C31; for children 12-17 years: C30,C32<br>Variable in public use data file: K6Q15, SESCRRSVC |
| <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. School-aged 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 derived 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 measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen SpEducPln_1819 =. replace SpEducPln_1819 =1 if sescrrsvc ==1 replace SpEducPln_1819 =2 if k6q15 ==2   sescrrsvc ==2 replace SpEducPln_1819 =99 if k6q15 ==.m   sescrrsvc ==.m replace SpEducPln_1819 =90 if sc_age_years &lt;1 label var SpEducPln_1819 "Indicator 5.1: Special education/early intervention plan (EIP), age 1-17 years"  #delimit ; label define SpEducPln 1 "Yes" 2 "No" 90 "Children less than 1 year old"</pre>  |   |

```
99 "Missing to any"  
;#delimit cr  
label values SpEducPln_1819 SpEducPln
```

|  |  |
|--|--|
| <b>Indicator 5.1a</b>  | <b>Age started special education or early intervention plan, age 1-17 years (SpEdAge_1819)</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: C32(2018) C30(2019); for children 6-11 years: C30; for children 12-17 years: C31<br>Variable in public use data file: SESPLANR |
| <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/measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen SpEdAge_1819 =. replace SpEdAge_1819 =1 if sesplanr &lt;=2 replace SpEdAge_1819 =2 if sesplanr &gt;2 &amp; sesplanr &lt;6 replace SpEdAge_1819 =3 if sesplanr &gt;5 &amp; sesplanr &lt;=17 replace SpEdAge_1819 =95 if k6q15 ==2 replace SpEdAge_1819 =99 if k6q15 ==.m   sesplanr ==.m replace SpEdAge_1819 =90 if sc_age_years &lt;1 label var SpEdAge_1819 "Indicator 5.1a: Age started special education or EIP, age 1-17 years"  #delimit ; label define SpEdAge 1 "At age less than 3 years old" 2 "At age 3-5 years old" 3 "At age 6-17 years old" 90 "Children less than 1 year old" 95 "Never received the services" 99 "Missing to both" ;#delimit cr label values SpEdAge_1819 SpEdAge </pre> |  |

|  |   |
|--|---|
| <b>Indicator 5.2</b>   | <b>School engagement, age 6-17 years (SchlEngage_1819)</b>  |
| <b>Description</b>   | Is this child engaged in school: cares about doing well in school and does required homework, age 6-17 years?                                       |
| <b>Survey Items Used</b>   | Survey instrument item number for children 6-11 years: A3d-e; for children 12-17 years: A3d-e<br>Variable in public use data file: K7Q82_R: K7Q83_R |
| <b>Denominator</b>   | Children age 6-17 years   |
| <b>Numerator/Response Categories</b>   | Always engaged in school; Usually engaged in school; Sometimes or never engaged in school   |
| <b>Notes for Data-Users</b>  |   |
| <p>Children whose parents reported that their child "always" cares about doing well in school AND does required homework are categorized as "always" engaged in school. Children who "usually engaged in school" are defined 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.</p> <p>These questions are asked for children between 6 and 17 years of age.</p>   |   |
| <b>Revisions and Changes</b>   |   |
| <p>There have been changes in this item or 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 etc. For additional information, see <a href="#">a crosswalk of survey items</a> across years.</p>   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen SchlEngage_1819 =2 replace SchlEngage_1819 =1 if k7q82_r ==1 &amp; k7q83_r ==1 replace SchlEngage_1819 =3 if (k7q82_r ==3   k7q82_r ==4)   (k7q83_r ==3   k7q83_r ==4) replace SchlEngage_1819 =99 if k7q82_r ==.m &amp; k7q83_r ==.m replace SchlEngage_1819 =95 if sc_age_years &lt;6 label var SchlEngage_1819 "Indicator 5.2: School engagement, age 6-17 years"  #delimit ; label define SchlEngage 1 "Always to both items" 2 "Always or usually to one item or usually to both" 3 "Sometimes or never to both or any item" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values SchlEngage_1819 SchlEngage  gen cares_1819 =.</pre> |   |

```

replace cares_1819 =1 if k7q82_r ==1
replace cares_1819 =2 if k7q82_r ==2
replace cares_1819 =3 if k7q82_r ==3
replace cares_1819 =4 if k7q82_r ==4
replace cares_1819 =99 if k7q82_r ==.m
replace cares_1819 =95 if sc_age_years <6
label var cares_1819 "Children who care about doing well in school, age 6-17 years"

```

```

#delimit ;
label define cares
1 "Always"
2 "Usually"
3 "Sometimes"
4 "Never"
95 "Children age 0-5 years"
99 "Missing"
;#delimit cr
label values cares_1819 cares

```

```

gen homework_1819 =.
replace homework_1819 =1 if k7q83_r ==1
replace homework_1819 =2 if k7q83_r ==2
replace homework_1819 =3 if k7q83_r ==3
replace homework_1819 =4 if k7q83_r ==4
replace homework_1819 =99 if k7q83_r ==.m
replace homework_1819 =95 if sc_age_years <6
label var homework_1819 "Children who do all required homework, age 6-17 years"

```

```

#delimit ;
label define homework
1 "Always"
2 "Usually"
3 "Sometimes"
4 "Never"
95 "Children age 0-5 years"
99 "Missing"
;#delimit cr
label values homework_1819 homework

```

|   |   |
|---|---|
| <b>Indicator 5.3</b>  | <b>Repeated grade(s) in school, age 6-17 years (ReptGrade_1819)</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<br>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 measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen ReptGrade_1819 = repeated replace ReptGrade_1819 =95 if sc_age_years &lt;6 replace ReptGrade_1819 =99 if repeated ==.m   ReptGrade_1819 ==.m label var ReptGrade_1819 "Indicator 5.3: Repeated grade(s) in school, age 6-17 years"  #delimit ; label define ReptGrade 1 "Yes" 2 "No" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values ReptGrade_1819 ReptGrade </pre> |   |



|   |   |
|---|---|
| <b>Indicator 5.4</b>  | <b>Missed school days, age 6-17 years (SchlMiss_1819)</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<br>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 measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen SchlMiss_1819 = k7q02r_r replace SchlMiss_1819 =90 if k7q02r_r ==6 replace SchlMiss_1819 =95 if sc_age_years &lt;6 replace SchlMiss_1819 =99 if k7q02r_r ==.m   SchlMiss_1819 ==.m label var SchlMiss_1819 "Indicator 5.4: Missed school days during the past 12 months, age 6-17 years"  #delimit ; label define SchlMiss 1 "No missed school days" 2 "1 - 3 days" 3 "4 - 6 days" 4 "7 - 10 days" 5 "11 or more days" 90 "Child was not enrolled in school" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values SchlMiss_1819 SchlMiss </pre> |   |

|  |  |
|--|--|
| <b>Indicator 5.5</b>   | <b>Participation in organized activities, age 6-17 years (AftSchAct_1819)</b>  |
| <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: G5(a-c); for children 12-17 years: G5(a-c)<br>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 measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen AftSchAct_1819 =. replace AftSchAct_1819 =1 if k7q30 ==1   k7q31 ==1   k7q32 ==1 replace AftSchAct_1819 =2 if (k7q30 ==2   k7q30 ==.m) &amp; (k7q31 ==2   k7q31 ==.m) &amp; (k7q32 ==2   k7q32 ==.m) replace AftSchAct_1819 =99 if k7q30 ==.m &amp; k7q31 ==.m &amp; k7q32 ==.m replace AftSchAct_1819 =95 if sc_age_years &lt;6 label var AftSchAct_1819 "Indicator 5.5: Participation in organized activities, age 6-17 years"  #delimit ; label define AftSchAct 1 "Participated in any organized activities or lessons" 2 "Did not participate in organized activities or lessons" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values AftSchAct_1819 AftSchAct  gen sports_1819 = k7q30 replace sports_1819 =95 if sc_age_years &lt; 6 replace sports_1819 =99 if sports_1819 ==.m label var sports_1819 "Participation in sports teams or lessons, age 6-17 years" </pre> |  |

```

gen clubs_1819 = k7q31
replace clubs_1819 =95 if sc_age_years < 6
replace clubs_1819 =99 if clubs_1819 ==.m
label var clubs_1819 "Participation in clubs or organizations, age 6-17 years"

gen lessons_1819 = k7q32
replace lessons_1819 =95 if sc_age_years < 6
replace lessons_1819 =99 if lessons_1819 ==.m
label var lessons_1819 "Participation in any other organized activities or lessons, age 6-17 years"

local varlist sports_1819 clubs_1819 lessons_1819
foreach var of local varlist {

label define `var'
1 "Participated in activity"
2 "Did not participate in activity"
95 "Children age 0-5 years"
99 "Missing", modify
label values `var' `var'

```

|  |  |
|--|--|
| <b>Indicator 5.6</b>   | <b>Parent participation in child’s events/activities, age 6-17 years (EventPart_1819)</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<br>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 0-17, 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 measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen EventPart_1819 =. replace EventPart_1819 =1 if k7q33 ==1 replace EventPart_1819 =2 if k7q33 ==2 replace EventPart_1819 =3 if k7q33 ==3 replace EventPart_1819 =4 if k7q33 ==4   k7q33 ==5 replace EventPart_1819 =99 if k7q33 ==.m replace EventPart_1819 =95 if sc_age_years &lt;6 label var EventPart_1819 "Indicator 5.6: Parents participate in child’s event/activities, age 6-17 years"  #delimit ; label define EventPart 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Rarely or never" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values EventPart_1819 EventPart </pre> |  |

|   |  |
|---|--|
| <b>Indicator 5.7</b>  | <b>Participation in community service or volunteer work, age 6-17 years (volunteer_1819)</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;<br>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 measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre> gen volunteer_1819 = k7q37 replace volunteer_1819 =95 if sc_age_years &lt;6 replace volunteer_1819 =99 if k7q37 ==.m   volunteer_1819 ==.m label var volunteer_1819 "Indicator 5.7: Participation in community service/volunteer work, age 6-17 years"  #delimit ; label define volunteer 1 "Yes" 2 "No" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values volunteer_1819 volunteer </pre> |  |

|   |   |
|---|---|
| <b>Indicator 5.8</b>  | <b>Work for pay, age 12-17 years (WorkPay_1819)</b>   |
| <b>Description</b>  | 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? |
| <b>Survey Items Used</b>  | Survey instrument item number for children 6-11 years: G5e; for children 12-17 years: G5e<br>Variable in public use data file: K7Q38                              |
| <b>Denominator</b>  | Children age 12-17 years  |
| <b>Numerator/Response Categories</b>  | Worked for pay; Did not work for pay  |
| <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. However, the denominator of this measure is children 12-17 years.  |   |
| <b>Revisions and Changes</b>  |   |
| There have been no substantive changes to this measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen workpay_1819 = k7q38 replace workpay_1819 =95 if sc_age_years &lt;12 replace workpay_1819 =99 if workpay_1819 ==.m label var workpay_1819 "Indicator 5.8: Work for pay, age 12-17 years"  #delimit ; label define workpay 1 "Worked for pay" 2 "Did not work for pay" 95 "Children age 0-11 years" 99 "Missing" ;#delimit cr label values workpay_1819 workpay </pre> |   |

|  |   |
|--|---|
| <b>Indicator 5.9</b>   | <b>Adult mentor, age 6-17 years (mentor_1819)</b>   |
| <b>Description</b>   | 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? |
| <b>Survey Items Used</b>   | Survey instrument item number for children 6-11 years: I12; for children 12-17 years: I12<br>Variable in public use data file: K9Q96  |
| <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 measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen mentor_1819 = k9q96 replace mentor_1819 =95 if sc_age_years &lt;6 replace mentor_1819 =99 if k9q96 ==.m   mentor_1819 ==.m label var mentor_1819 "Indicator 5.9: Children have one or more adult mentors, age 6-17 years"  #delimit ; label define mentor 1 "Yes" 2 "No" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr  label values mentor_1819 mentor </pre> |   |

|   |   |
|---|---|
|   | <b>This child's learning, individual items, age 3-5 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: G4-G24  |
| <b>Denominator</b>  | Children age 3-5  |
| <b>Numerator/Response Categories</b>  | N/A   |
| <b>Notes for Data-Users</b>   |   |
| N/A   |   |
| <b>Revisions and Changes</b>  |   |
| <p>There have been changes in this item 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 etc. For additional information, see <a href="#">a crosswalk of survey items</a> across years.</p>   |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen LearnThings_1819 = k6q08_r replace LearnThings_1819 =95 if sc_age_years &gt;5 replace LearnThings_1819 =90 if sc_age_years &lt;3 replace LearnThings_1819 =99 if k6q08_r ==.m   LearnThings_1819 ==.m label var LearnThings_1819 "Learning to do things for him or herself, age 3-5 years"  #delimit ; label define LearnThings 1 "Yes, somewhat concerned" 2 "Yes, very concerned" 3 "No" 90 "Children age 0-2 years" 95 "Children age 6-17 years" 99 "Missing" ;#delimit cr label values LearnThings_1819 LearnThings  gen confident_1819 = confident replace confident_1819 =95 if sc_age_years &gt;5 replace confident_1819 =90 if sc_age_years &lt;3 replace confident_1819 =99 if confident ==.m   confident_1819 ==.m label var confident_1819 "Parental confidence level if the child is ready to be in school, 3-5 years"  #delimit ; label define confident 1 "Completely confident" </pre> |   |



```

2 "Mostly confident"
3 "Somewhat confident"
4 "Not at all confident"
90 "Children age 0-2 years"
95 "Children age 6-17 years"
99 "Missing"
;#delimit cr
label values confident_1819 confident

gen RecogBegin_1819 = recogbegin
replace RecogBegin_1819 =95 if sc_age_years >5
replace RecogBegin_1819 =90 if sc_age_years <3
replace RecogBegin_1819 =99 if recogbegin ==.m | RecogBegin_1819 ==.m
label var RecogBegin_1819 "Ability to recognize beginning sound of a word, age 3-5 years"

gen RecogLetter_1819 = recogabc
replace RecogLetter_1819 =95 if sc_age_years >5
replace RecogLetter_1819 =90 if sc_age_years <3
replace RecogLetter_1819 =99 if recogabc ==.m | RecogLetter_1819 ==.m
label var RecogLetter_1819 "Recognize letters of alphabet, age 3-5 years"

#delimit ;
label define RecogLetter
1 "All of them"
2 "Most of them"
3 "About half of them"
4 "Some of them"
5 "None of them"
90 "Children age 0-2 years"
95 "Children age 6-17 years"
99 "Missing"
;#delimit cr
label values RecogLetter_1819 RecogLetter

gen RhymeWord_1819 = rhymeword
replace RhymeWord_1819 =95 if sc_age_years >5
replace RhymeWord_1819 =90 if sc_age_years <3
replace RhymeWord_1819 =99 if rhymeword ==.m | RhymeWord_1819 ==.m
label var RhymeWord_1819 "Ability to rhyme words, age 3-5 years"

#delimit ;
label define RhymeWord
1 "Yes"
2 "No"
90 "Children age 0-2 years"
95 "Children age 6-17 years"
99 "Missing"
;#delimit cr

```

```

label values RhymeWord_1819 RhymeWord

gen ClearExp_1819 = clearexp
replace ClearExp_1819 =95 if sc_age_years >5
replace ClearExp_1819 =90 if sc_age_years <3
replace ClearExp_1819 =99 if clearexp ==.m | ClearExp_1819 ==.m
label var ClearExp_1819 "Ability to explain things child has seen or done, age 3-5 years"

gen WriteName_1819 = writename
replace WriteName_1819 =95 if sc_age_years >5
replace WriteName_1819 =90 if sc_age_years <3
replace WriteName_1819 =99 if writename ==.m | WriteName_1819 ==.m
label var WriteName_1819 "Ability to write his/her first name, age 3-5 years"

gen CountTo_1819 =.
replace CountTo_1819 =1 if countto ==1 | countto ==2
replace CountTo_1819 =2 if countto ==3
replace CountTo_1819 =3 if countto ==4
replace CountTo_1819 =4 if countto ==5
replace CountTo_1819 =5 if countto ==6
replace CountTo_1819 =99 if countto ==.m
replace CountTo_1819 =95 if sc_age_years>5
replace CountTo_1819 =90 if sc_age_years<3
label var CountTo_1819 "Child can count how high, age 3-5 years"

#delimit ;
label define CountTo
1 "Cannot count/can count up to five"
2 "Up to ten"
3 "Up to 20"
4 "Up to 50"
5 "Up to 100"
90 "Children age 0-2 years"
95 "Children age 6-17 years"
99 "Missing"
;#delimit cr
label values CountTo_1819 CountTo

gen RecogShapes_1819 = recshapes
replace RecogShapes_1819 =95 if sc_age_years >5
replace RecogShapes_1819 =90 if sc_age_years <3
replace RecogShapes_1819 =99 if recshapes ==.m | RecogShapes_1819 ==.m
label var RecogShapes_1819 "Child recognizes basic shapes, age 3-5 years"

gen color_1819 = color
replace color_1819 =95 if sc_age_years >5
replace color_1819 =90 if sc_age_years <3
replace color_1819 =99 if color ==.m | color_1819 ==.m

```

```

label var color_1819 "Child can identify colors red, yellow, blue, and green by name, age 3-5 years"

#delimit ;
label define color
1 "Yes, all of them"
2 "Yes, some of them"
3 "No, none of them"
90 "Children age 0-2 years"
95 "Children age 6-17 years"
99 "Missing"
;#delimit cr
label values color_1819 color

gen distracted_1819 = distracted
replace distracted_1819 =95 if sc_age_years >5
replace distracted_1819 =90 if sc_age_years <3
replace distracted_1819 =99 if distracted ==.m | distracted_1819 ==.m
label var distracted_1819 "Child often easily distracted, 3-5 years"

gen WorkToFin_1819 = worktofin
replace WorkToFin_1819 =95 if sc_age_years >5
replace WorkToFin_1819 =90 if sc_age_years <3
replace WorkToFin_1819 =99 if worktofin ==.m | WorkToFin_1819 ==.m
label var WorkToFin_1819 "Child often keep working at something until he or she is finished, age 3-5 years"

gen SimpleInst_1819 = simpleinst
replace SimpleInst_1819 =95 if sc_age_years >5
replace SimpleInst_1819 =90 if sc_age_years <3
replace SimpleInst_1819 =99 if simpleinst ==.m | SimpleInst_1819 ==.m
label var SimpleInst_1819 "Child often can follow instructions to complete a simple task, age 3-5 years"

gen UsePencil_1819 = usepencil
replace UsePencil_1819 =95 if sc_age_years >5
replace UsePencil_1819 =90 if sc_age_years <3
replace UsePencil_1819 =99 if usepencil ==.m | UsePencil_1819 ==.m
label var UsePencil_1819 "How child holds pencil, age 3-5 years"

#delimit ;
label define UsePencil
1 "Uses fingers to hold the pencil"
2 "Grips the pencil in his or her fist"
3 "This child cannot hold a pencil"
90 "Children age 0-2 years"
95 "Children age 6-17 years"
99 "Missing"
;#delimit cr
label values UsePencil_1819 UsePencil

```

```

gen PlayWell_1819 = playwell
replace PlayWell_1819 =95 if sc_age_years >5
replace PlayWell_1819 =90 if sc_age_years <3
replace PlayWell_1819 =99 if playwell ==.m | PlayWell_1819 ==.m
label var PlayWell_1819 "Child plays well with others, age 3-5 years"

gen NewActivity_1819 = newactivity
replace NewActivity_1819 =95 if sc_age_years >5
replace NewActivity_1819 =90 if sc_age_years <3
replace NewActivity_1819 =99 if newactivity ==.m | NewActivity_1819 ==.m
label var NewActivity_1819 "Child becomes angry or anxious, age 3-5 years"

gen HurtSad_1819 = hurtsad
replace HurtSad_1819 =95 if sc_age_years >5
replace HurtSad_1819 =90 if sc_age_years <3
replace HurtSad_1819 =99 if hurtsad ==.m | HurtSad_1819 ==.m
label var HurtSad_1819 "Child shows concern when others are hurt or unhappy, age 3-5 years"

gen CalmDown_1819 = calmdown
replace CalmDown_1819 =95 if sc_age_years >5
replace CalmDown_1819 =90 if sc_age_years <3
replace CalmDown_1819 =99 if calmdown ==.m | CalmDown_1819 ==.m
label var CalmDown_1819 "Child can calm down when excited or all wound up, age 3-5 years"

gen temper_1819 = temper
replace temper_1819 =95 if sc_age_years >5
replace temper_1819 =90 if sc_age_years <3
replace temper_1819 =99 if temper ==.m | temper_1819 ==.m
label var temper_1819 "Child loses control of his or her temper, age 3-5 years"

gen MakeFr3to5_1819 = makefriend
replace MakeFr3to5_1819 =95 if sc_age_years >5
replace MakeFr3to5_1819 =90 if sc_age_years <3
replace MakeFr3to5_1819 =99 if MakeFr3to5_1819 ==.m
label var MakeFr3to5_1819 "Child has difficulty making and keeping friends, age 3-5 years"

#delimit ;
label define MakeFr3to5
1 "No difficulty"
2 "A little difficulty"
3 "A lot of difficulty"
90 "Children age 0-2 years"
95 "Children age 6-17 years"
99 "Missing"
;#delimit cr
label values MakeFr3to5_1819 MakeFr3to5

```

```

gen SitStill_1819 = sitstill
replace SitStill_1819 =95 if sc_age_years >5
replace SitStill_1819 =90 if sc_age_years <3
replace SitStill_1819 =99 if sitstill ==.m | SitStill_1819 ==.m
label var SitStill_1819 "Child often able to sit still, age 3-5 years"

local varlist RecogBegin_1819 ClearExp_1819 WriteName_1819 RecogShapes_1819 distracted_1819
WorkToFin_1819 SimpleInst_1819 PlayWell_1819 NewActivity_1819 HurtSad_1819 CalmDown_1819
temper_1819 SitStill_1819
foreach var of local varlist {

label define `var'
1 "Always"
2 "Most of the time"
3 "About half the time"
4 "Sometimes" 5 "Never"
90 "Children age 0-2 years"
95 "Children age 6-17 years"
99 "Missing", modify
label values `var' `var'

}

```

|  |   |
|--|---|
|  | <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>  |   |
| N/A  |   |
| <b>Revisions and Changes</b>   |   |
| These items were added in 2018. There have been no substantive changes to these items since 2018.  |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen OneWord_1819 = oneword replace OneWord_1819 =99 if oneword ==.m replace OneWord_1819 =95 if sc_age_years &lt;1   sc_age_years &gt;5 label var OneWord_1819 "Say at least one word, such as 'hi' or 'dog', age 1-5 years "  #delimit ; label define OneWord 1 "Yes" 2 "No" 95 "Children age &lt; 1 year or 6-17" 99 "Missing" ; #delimit cr label values OneWord_1819 OneWord  gen TwoWords_1819 = twowords replace TwoWords_1819 =99 if twowords ==.m replace TwoWords_1819 =95 if sc_age_years &lt;1   sc_age_years &gt;5 label var TwoWords_1819 "Children who are able to use 2 words together, such as 'car go', age 1-5 years"  #delimit ; label define TwoWords 1 "Yes" 2 "No" 95 "Children age &lt; 1 year or 6-17" 99 "Missing" </pre> |   |

```

;
#delimit cr
label values TwoWords_1819 TwoWords

gen ThreeWords_1819 = threewords
replace ThreeWords_1819 =99 if threewords ==.m
replace ThreeWords_1819 =95 if sc_age_years <1 | sc_age_years >5
label var ThreeWords_1819 "Use 3 words together in a sentence, such as, 'Mommy come now.', age 1-5
years "

#delimit ;
label define ThreeWords
1 "Yes"
2 "No"
95 "Children age < 1 year or 6-17"
99 "Missing"
;
#delimit cr
label values ThreeWords_1819 ThreeWords

gen AskQuest1_1819 = askquestion
replace AskQuest1_1819 =99 if askquestion ==.m
replace AskQuest1_1819 =95 if sc_age_years <1 | sc_age_years >5
label var AskQuest1_1819 "Ask questions like 'who,' 'what,' 'when,' 'where', age 1-5 years"

#delimit ;
label define AskQuest1
1 "Yes"
2 "No"
95 "Children age < 1 year or 6-17"
99 "Missing"
;
#delimit cr
label values AskQuest1_1819 AskQuest1

gen AskQuest2_1819 = askquestion2
replace AskQuest2_1819 =99 if askquestion2 ==.m
replace AskQuest2_1819 =95 if sc_age_years <1 | sc_age_years >5
label var AskQuest2_1819 "Children who are able to ask questions like 'why' and 'how', age 1-5 years "

#delimit ;
label define AskQuest2
1 "Yes"
2 "No"
95 "Children age < 1 year or 6-17"
99 "Missing"
;
#delimit cr

```

```

label values AskQuest2_1819 AskQuest2

gen TellStory_1819 = tellstory
replace TellStory_1819 =99 if tellstory ==.m
replace TellStory_1819 =95 if sc_age_years <1 | sc_age_years >5
label var TellStory_1819 "Tell a story with a beginning, middle, and end, age 1-5 years "

#delimit ;
label define TellStory
1 "Yes"
2 "No"
95 "Children age < 1 year or 6-17"
99 "Missing"
;
#delimit cr
label values TellStory_1819 TellStory

gen understand_1819 = understand
replace understand_1819 =99 if understand ==.m
replace understand_1819 =95 if sc_age_years <1 | sc_age_years >5
label var understand_1819 "Children who are able to understand the meaning of the word 'no', age 1-5
years "

#delimit ;
label define understand
1 "Yes"
2 "No"
95 "Children age < 1 year or 6-17"
99 "Missing"
;
#delimit cr
label values understand_1819 understand

gen directions_1819 = directions
replace directions_1819 =99 if directions ==.m
replace directions_1819 =95 if sc_age_years <1 | sc_age_years >5
label var directions_1819 "Follow a verbal direction without hand gestures, age 1-5 years "

#delimit ;
label define directions
1 "Yes"
2 "No"
95 "Children age < 1 year or 6-17"
99 "Missing"
;
#delimit cr
label values directions_1819 directions

```



```

gen point_1819 = point
replace point_1819 =99 if point ==.m
replace point_1819 =95 if sc_age_years <1 | sc_age_years >5
label var point_1819 "Children who are able to point to things in a book when asked, age 1-5 years"

#delimit ;
label define point
1 "Yes"
2 "No"
95 "Children age < 1 year or 6-17"
99 "Missing"
;
#delimit cr
label values point_1819 point

gen TwoStepDirec_1819 = directions2
replace TwoStepDirec_1819 =99 if directions2 ==.m
replace TwoStepDirec_1819 =95 if sc_age_years <1 | sc_age_years >5
label var TwoStepDirec_1819 "Follow 2-step directions, age 1-5 years"

#delimit ;
label define TwoStepDirec
1 "Yes"
2 "No"
95 "Children age < 1 year or 6-17"
99 "Missing"
;
#delimit cr
label values TwoStepDirec_1819 TwoStepDirec

gen understand2_1819 = understand2
replace understand2_1819 =99 if understand2 ==.m
replace understand2_1819 =95 if sc_age_years <1 | sc_age_years >5
label var understand2_1819 "Understand words such as 'in,' 'on,' and 'under', age 1-5 years"

#delimit ;
label define understand2
1 "Yes"
2 "No"
95 "Children age < 1 year or 6-17"
99 "Missing"
;
#delimit cr
label values understand2_1819 understand2

```

**Family Health and Activities**

|   |   |
|---|---|
| <b>Indicator 6.1</b>  | <b>Physical health status of mother (MothPhyH_1819)</b>   |
| <b>Description</b>  | If this child's mother is a primary caregiver and lives in the household, what is the mother's general physical health status?  |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: J1,J2, J8, J13,J14,J20; for children 6-11 years: J1,J2,J8,J13,J14,J20; for children 12-17 years: J1,J2,J8,J13,J14,J20<br><br>Variable 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 physical 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 measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen mother1_1819 =. replace mother1_1819 =1 if (a1_relation ==1   a1_relation ==2   a1_relation ==4) &amp; a1_sex ==2 replace mother1_1819 =99 if a1_relation ==.m   a1_sex ==.m label var mother1_1819 "One of two primary caregiver adult in the household is biological, adoptive, step or foster mother"  gen mother2_1819 =. replace mother2_1819 =1 if (a2_relation ==1   a2_relation ==2   a2_relation ==4) &amp; a2_sex ==2 replace mother2_1819 =99 if a2_relation ==.m   a2_sex ==.m label var mother2_1819 "One of two primary caregiver adult in the household is biological, adoptive, step or foster mother"  gen MothPhyH_1819 =90 replace MothPhyH_1819 =1 if ((a1_relation ==1   a1_relation ==2   a1_relation ==4) &amp; a1_sex ==2) &amp; (a1_physhealth ==1   a1_physhealth ==2)                     </pre> |   |

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replace MothPhyH_1819 =2 if ((a1_relation ==1 | a1_relation ==2 | a1_relation ==4) & a1_sex ==2) &
(a1_physhealth ==3)
replace MothPhyH_1819 =3 if ((a1_relation ==1 | a1_relation ==2 | a1_relation ==4) & a1_sex ==2) &
(a1_physhealth ==4 | a1_physhealth ==5)
replace MothPhyH_1819 =99 if ((a1_relation ==1 | a1_relation ==2 | a1_relation ==4) & a1_sex ==2) &
(a1_physhealth ==.m)
replace MothPhyH_1819 =1 if ((mother1_1819 ==. | mother1_1819 ==99) & mother2_1819 ==1) &
(a2_physhealth ==1 | a2_physhealth ==2)
replace MothPhyH_1819 =2 if ((mother1_1819 ==. | mother1_1819 ==99) & mother2_1819 ==1) &
(a2_physhealth ==3)
replace MothPhyH_1819 =3 if ((mother1_1819 ==. | mother1_1819 ==99) & mother2_1819 ==1) &
(a2_physhealth ==4 | a2_physhealth ==5)
replace MothPhyH_1819 =99 if ((mother1_1819 ==. | mother1_1819 ==99) & mother2_1819 ==1) &
(a2_physhealth ==.m)
replace MothPhyH_1819 =99 if (a1_relation ==.m | a1_sex ==.m) & (a2_relation ==.m | a2_sex ==.m)
label var MothPhyH_1819 "Indicator 6.1: Mother's physical health status"
```

```
#delimit ;
label define MothPhyH
1 "Excellent or very good"
2 "Good"
3 "Fair or poor"
90 "No mother reported in the household"
99 "Missing"
;#delimit cr
label values MothPhyH_1819 MothPhyH
```

|  |   |
|--|---|
| <b>Indicator 6.1a</b>  | <b>Physical health status of father (FathPhyH_1819)</b>   |
| <b>Description</b>   | If this child's father is a primary caregiver and lives in the household, what is the father's general physical health status?  |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: J1,J2, J8, J13,J14,J20; for children 6-11 years: J1,J2,J8,J13,J14,J20; for children 12-17 years: J1,J2,J8,J13,J14,J20<br>Variable 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, foster, or adoptive fathers   |
| <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 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.  |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen father1_1819 =. replace father1_1819 =1 if (a1_relation ==1   a1_relation ==2   a1_relation ==4) &amp; a1_sex ==1 replace father1_1819 =99 if a1_relation ==.m   a1_sex ==.m label var father1_1819 "One of two primary caregiver adult in the household is biological, adoptive, step or foster mother"  gen father2_1819 =. replace father2_1819 =1 if (a2_relation ==1   a2_relation ==2   a2_relation ==4) &amp; a2_sex ==1 replace father2_1819 =99 if a2_relation ==.m   a2_sex ==.m label var father2_1819 "One of two primary caregiver adult in the household is biological, adoptive, step or foster mother"  gen FathPhyH_1819 =90 replace FathPhyH_1819 =1 if ((a1_relation ==1   a1_relation ==2   a1_relation ==4) &amp; a1_sex ==1) &amp; (a1_physhealth ==1   a1_physhealth ==2) replace FathPhyH_1819 =2 if ((a1_relation ==1   a1_relation ==2   a1_relation ==4) &amp; a1_sex ==1) &amp; (a1_physhealth ==3) </pre> |   |

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```
replace FathPhyH_1819 =3 if ((a1_relation ==1 | a1_relation ==2 | a1_relation ==4) & a1_sex ==1) &
(a1_physhealth ==4 | a1_physhealth ==5)
replace FathPhyH_1819 =99 if ((a1_relation ==1 | a1_relation ==2 | a1_relation ==4) & a1_sex ==1) &
(a1_physhealth ==.m)
replace FathPhyH_1819 =1 if ((father1_1819 ==. | father1_1819 ==99) & father2_1819 ==1) &
(a2_physhealth ==1 | a2_physhealth ==2)
replace FathPhyH_1819 =2 if ((father1_1819 ==. | father1_1819 ==99) & father2_1819 ==1) &
(a2_physhealth ==3)
replace FathPhyH_1819 =3 if ((father1_1819 ==. | father1_1819 ==99) & father2_1819 ==1) &
(a2_physhealth ==4 | a2_physhealth ==5)
replace FathPhyH_1819 =99 if ((father1_1819 ==. | father1_1819 ==99) & father2_1819 ==1) &
(a2_physhealth ==.m)
replace FathPhyH_1819 =99 if (a1_relation ==.m | a1_sex ==.m) & (a2_relation ==.m | a2_sex ==.m)
label var FathPhyH_1819 "Indicator 6.1a: Father's physical health status"
```

```
#delimit ;
label define FathPhyH
1 "Excellent or very good"
2 "Good"
3 "Fair or poor"
90 "No father reported in the household"
99 "Missing"
;#delimit cr
label values FathPhyH_1819 FathPhyH
```

|   |   |
|---|---|
| <b>Indicator 6.2</b>  | <b>Mental health status of mother (MotherMH_1819)</b>   |
| <b>Description</b>  | If this child’s mother is a primary caregiver and lives in the household, what is the status of mother’s mental and emotional health?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: J1,J2,J9,J13,J14,J21; for children 6-11 years: J1,J2,J9,J13,J14,J21; for children 12-17 years: J1,J2,J9,J13,J14,J21<br><br>Variable in public use data file: A1_MENTHEALTH, A1_RELATION, A1_SEX, A2_MENTHEALTH, 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>   |   |
| <p>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.</p>   |   |
| <b>Revisions and Changes</b>  |   |
| There have been no substantive changes to this measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen MotherMH_1819 =90 replace MotherMH_1819 =1 if ((a1_relation ==1   a1_relation ==2   a1_relation ==4) &amp; a1_sex ==2) &amp; (a1_menthealth ==1   a1_menthealth ==2) replace MotherMH_1819 =2 if ((a1_relation ==1   a1_relation ==2   a1_relation ==4) &amp; a1_sex ==2) &amp; (a1_menthealth ==3) replace MotherMH_1819 =3 if ((a1_relation ==1   a1_relation ==2   a1_relation ==4) &amp; a1_sex ==2) &amp; (a1_menthealth ==4   a1_menthealth ==5) replace MotherMH_1819 =99 if ((a1_relation ==1   a1_relation ==2   a1_relation ==4) &amp; a1_sex ==2) &amp; (a1_menthealth ==.m) replace MotherMH_1819 =1 if ((mother1_1819 ==.   mother1_1819 ==99) &amp; mother2_1819 ==1) &amp; (a2_menthealth ==1   a2_menthealth ==2) replace MotherMH_1819 =2 if ((mother1_1819 ==.   mother1_1819 ==99) &amp; mother2_1819 ==1) &amp; (a2_menthealth ==3) replace MotherMH_1819 =3 if ((mother1_1819 ==.   mother1_1819 ==99) &amp; mother2_1819 ==1) &amp; (a2_menthealth ==4   a2_menthealth ==5) replace MotherMH_1819 =99 if ((mother1_1819 ==.   mother1_1819 ==99) &amp; mother2_1819 ==1) &amp; (a2_menthealth ==.m) replace MotherMH_1819 =99 if (a1_relation ==.m   a1_sex ==.m) &amp; (a2_relation ==.m   a2_sex ==.m)</pre> |   |

```
label var MotherMH_1819 "Indicator 6.2: Mother's mental or emotional health status"  
  
#delimit ;  
label define MotherMH  
1 "Excellent or very good"  
2 "Good"  
3 "Fair or poor"  
90 "No mother reported in the household"  
99 "Missing"  
;#delimit cr  
label values MotherMH_1819 MotherMH
```

|  |   |
|--|---|
| <b>Indicator 6.2a</b>  | <b>Mental health status of father (FatherMH_1819)</b>   |
| <b>Description</b>   | If this child's father is a primary caregiver and lives in the household, what is the status of father's mental and emotional health?   |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: J1,J2, J9, J13,J14,J21; for children 6-11 years: J1,J2,J9,J13,J14,J21; for children 12-17 years: J1,J2,J9,J13,J14,J21<br>Variable 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, foster, or adoptive fathers   |
| <b>Numerator/Response Categories</b>   | Excellent or very good; Good; Fair or poor  |
| <b>Notes for Data-Users</b>  |   |
| This measure summarizes the mental/emotional health status (A1_MENTHEALTH and A2_MENTHEALTH) 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' mental/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.   |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen FatherMH_1819 =90 replace FatherMH_1819 =1 if ((a1_relation ==1   a1_relation ==2   a1_relation ==4) &amp; a1_sex ==1) &amp; (a1_menthealth ==1   a1_menthealth ==2) replace FatherMH_1819 =2 if ((a1_relation ==1   a1_relation ==2   a1_relation ==4) &amp; a1_sex ==1) &amp; (a1_menthealth ==3) replace FatherMH_1819 =3 if ((a1_relation ==1   a1_relation ==2   a1_relation ==4) &amp; a1_sex ==1) &amp; (a1_menthealth ==4   a1_menthealth ==5) replace FatherMH_1819 =99 if ((a1_relation ==1   a1_relation ==2   a1_relation ==4) &amp; a1_sex ==1) &amp; (a1_menthealth ==.m) replace FatherMH_1819 =1 if ((father1_1819 ==.   father1_1819 ==99) &amp; father2_1819 ==1) &amp; (a2_menthealth ==1   a2_menthealth ==2) replace FatherMH_1819 =2 if ((father1_1819 ==.   father1_1819 ==99) &amp; father2_1819 ==1) &amp; (a2_menthealth ==3) replace FatherMH_1819 =3 if ((father1_1819 ==.   father1_1819 ==99) &amp; father2_1819 ==1) &amp; (a2_menthealth ==4   a2_menthealth ==5) replace FatherMH_1819 =99 if ((father1_1819 ==.   father1_1819 ==99) &amp; father2_1819 ==1) &amp; (a2_menthealth ==.m) </pre> |   |



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replace FatherMH_1819 =99 if (a1_relation ==.m | a1_sex ==.m) & (a2_relation ==.m | a2_sex ==.m)
label var FatherMH_1819 "Indicator 6.2a: Father's mental or emotional health status"
```

```
#delimit ;
label define FatherMH
1 "Excellent or very good"
2 "Good"
3 "Fair or poor"
90 "No father reported in the household"
99 "Missing"
;#delimit cr
label values FatherMH_1819 FatherMH
```

|   |  |
|---|--|
| <b>Indicator 6.3</b>  | <b>Overall health status of mother (MotherHSt_1819)</b>  |
| <b>Description</b>  | If this child’s mother is a primary caregiver and lives in the household, are the mother’s physical and mental health both excellent or very good?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: J1,J2,J8,J9,J13,J14,J20,J21; for children 6-11 years: J1,J2,J8,J9,J13,J14,J20,J21; for children 12-17 years: J1,J2,J8,J9,J13,J14,J20,J21<br><br>Variable in public use data file: A1_MENTHEALTH, A1_PHYSHEALTH, A1_RELATION, A1_SEX, A2_MENTHEALTH, 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>  | 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 12.1% 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>Revisions and Changes</b>  |  |
| There have been no substantive changes to this /measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen MotherHSt_1819 = replace MotherHSt_1819 =1 if MothPhyH_1819 ==1 &amp; MotherMH_1819 ==1 replace MotherHSt_1819 =2 if MothPhyH_1819 ==1 &amp; (MotherMH_1819 ==2   MotherMH_1819 ==3) replace MotherHSt_1819 =2 if MotherMH_1819 ==1 &amp; (MothPhyH_1819 ==2   MothPhyH_1819 ==3) replace MotherHSt_1819 =2 if (MothPhyH_1819 ==2   MothPhyH_1819 ==3) &amp; (MotherMH_1819 ==2   MotherMH_1819 ==3) replace MotherHSt_1819 =99 if MothPhyH_1819 ==99   MotherMH_1819 ==99 replace MotherHSt_1819 =90 if MothPhyH_1819 ==90   MotherMH_1819 ==90 label var MotherHSt_1819 "Indicator 6.3: Mother's overall physical and mental-emotional health status"  #delimit ; label define MotherHSt 1 "Physical &amp; mental health BOTH excellent/very good" 2 "One or both of physical &amp; mental health are NOT excellent/very good" 90 "No mother reported in the household" 99 "Missing"</pre> |  |

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;  
label values MotherHSt_1819 MotherHSt
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| <b>Indicator 6.3a</b>  | <b>Overall health status of father (FatherHSt_1819)</b>   |
| <b>Description</b>   | If this child’s father is a primary caregiver and lives in the household, are the father’s physical and mental health both excellent or very good?  |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: J1,J2,J8,J9,J13,J14,J20,J21; for children 6-11 years: J1,J2,J8,J9,J13,J14,J20,J21; for children 12-17 years: J1,J2,J8,J9,J13,J14,J20,J21<br><br>Variable in public use data file: A1_MENTHEALTH, A1_PHYSHEALTH, A1_RELATION, A1_SEX, >A2_MENTHEALTH, A2_PHYSHEALTH, A2_RELATION, A2_SEX |
| <b>Denominator</b>   | Children ages 0-17 years who live with their biological, step, foster or adoptive fathers   |
| <b>Numerator/Response Categories</b>   | Physical and mental health BOTH excellent or very good; One or both of physical and mental health are NOT excellent/very good   |
| <b>Notes for Data-Users</b>  |   |
| 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 24.7% 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.   |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this /measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen FatherHSt_1819 =. replace FatherHSt_1819 =1 if FathPhyH_1819 ==1 &amp; FatherMH_1819 ==1 replace FatherHSt_1819 =2 if FathPhyH_1819 ==1 &amp; (FatherMH_1819 ==2   FatherMH_1819 ==3) replace FatherHSt_1819 =2 if FatherMH_1819 ==1 &amp; (FathPhyH_1819 ==2   FathPhyH_1819 ==3) replace FatherHSt_1819 =2 if (FathPhyH_1819 ==2   FathPhyH_1819 ==3) &amp; (FatherMH_1819 ==2   FatherMH_1819 ==3) replace FatherHSt_1819 =99 if FathPhyH_1819 ==99   FatherMH_1819 ==99 replace FatherHSt_1819 =90 if FathPhyH_1819 ==90   FatherMH_1819 ==90 label var FatherHSt_1819 "Indicator 6.3a: Father's overall physical and mental-emotional health status"  #delimit ; label define FatherHSt 1 "Physical &amp; mental health BOTH excellent/very good" 2 "One or both of physical &amp; mental health are NOT excellent/very good" 90 "No father reported in the household" 99 "Missing" ;#delimit cr label values FatherHSt_1819 FatherHSt </pre> |   |

|   |  |
|---|--|
| <b>Indicator 6.4</b>  | <b>Someone living in the household smokes (smoking_1819)</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<br>Variable in public use data file: K9Q40 |
| <b>Denominator</b>  | Children age 0-17 years  |
| <b>Numerator/Response Categories</b>  | Someone in household uses tobacco; No one in household uses tobacco  |
| <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 measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen smoking_1819 = k9q40 replace smoking_1819 =99 if k9q40 ==.m label var smoking_1819 "Indicator 6.4: Children who live in households where someone uses cigarettes, cigars, or pipe tobacco"  #delimit ; label define smoking 1 "Someone in household uses tobacco" 2 "No one in household uses tobacco" 99 "Missing" ;#delimit cr label values smoking_1819 smoking</pre> |  |

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|--|--|
| <b>Indicator 6.4a</b>  | <b>Someone smokes inside the home (SmkInside_1819)</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<br>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 measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen SmkInside_1819 =. replace SmkInside_1819 =1 if k9q40 ==2 replace SmkInside_1819 =2 if k9q40 ==1 &amp; k9q41 ==2 replace SmkInside_1819 =3 if k9q40 ==1 &amp; k9q41 ==1 replace SmkInside_1819 =99 if k9q40 ==1 &amp; k9q41 ==.m replace SmkInside_1819 =99 if k9q40 ==.m   k9q41 ==.m label var SmkInside_1819 "Indicator 6.4a: Someone smokes inside the home"  #delimit ; label define SmkInside 1 "No one smokes in the household" 2 "Someone smokes, not inside the house" 3 "Someone smokes inside the house" 99 "Missing" ;#delimit cr  label values SmkInside_1819 SmkInside </pre> |  |

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| <b>Indicator 6.5</b>  | <b>Children living in "working poor" families (WrkngPoor_1819)</b>  |
| <b>Description</b>  | Does this child live in a "working poor" household: that is, parent(s) are employed full-time with incomes less than 100% of the federal poverty level?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: J10/J22(2018), J11/J23(2019),K3,K4; for children 6-11 years: J10/J22(2018), J11/J23(2019), K3, K4; for children 12-17 years: J10/J22(2018), J11/J23(2019), K3,K4<br>Variable in public use data file: A1_K11Q50_R, A2_K11Q50_R, TOTINCOME |
| <b>Denominator</b>  | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>  | Lives in 'working poor' household; Does not live in 'working poor' household  |
| <b>Notes for Data-Users</b>   |   |
| <p>This measure is derived from two items: 1) A#_K11Q50_R defines whether any of the child's primary caregivers in the household were employed during at least 50 of the past 52 weeks, and 2) The income variable, povlev4_1819, is calculated based on the relative poverty status according to household size and income. Households with income less than 100% of Federal Poverty Level are defined as "poor." Children are defined as living in "working poor" households if someone was employed for 50 of the last 52 weeks (A#_K11Q50_R) and their total household income was less than 100% of the federal poverty level (povlev4_1718). The 2018 and 2019 NSCH public use data files provided by the Census Bureau include six imputed income variables, FPL_I1-FPL_I6. The DRC uses single imputation data (FPL_I1).</p> |   |
| <b>Revisions and Changes</b>  |   |
| There have been no substantive changes to this measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen povlev4_1819 =. replace povlev4_1819 =1 if fpl_i1 &gt;0 &amp; fpl_i1 &lt;=99 replace povlev4_1819 =2 if fpl_i1 &gt;=100 &amp; fpl_i1 &lt;=199 replace povlev4_1819 =3 if fpl_i1 &gt;=200 &amp; fpl_i1 &lt;=399 replace povlev4_1819 =4 if fpl_i1 &gt;=400 label var povlev4_1819 "Derived. Household income level based on DHHS guidelines - Imputed, single imputation"  #delimit ; label define povlev4 1 "0-99% FPL" 2 "100%-199% FPL" 3 "200%-399% FPL" 4 "400% FPL or above" 99 "Missing" ;#delimit cr label values povlev4_1819 povlev4</pre>  |   |

```

gen work50hrs_1819 =2
replace work50hrs_1819 =1 if a1_k11q50_r ==1 | a2_k11q50_r ==1
replace work50hrs_1819 =2 if (work50hrs_1819 !=1) & ((a1_k11q50_r ==2) | (a2_k11q50_r ==2 |
a2_k11q50_r ==.l))
replace work50hrs_1819 =99 if a1_k11q50_r ==.m & (a2_k11q50_r ==.m | a2_k11q50_r ==.l)
label var work50hrs_1819 "Children live in households where one of the adult primary caregiver employed at
least 50 out of the past 52 weeks"

#delimit ;
label define work50hrs
1 "Yes"
2 "No"
99 "Missing"
;#delimit cr
label values work50hrs_1819 work50hrs

gen WrkngPoor_1819 =.
replace WrkngPoor_1819 =2 if (povlev4_1819 >0 & povlev4_1819 <=4) & (work50hrs_1819 ==1 |
work50hrs_1819 ==2)
replace WrkngPoor_1819 =1 if povlev4_1819 ==1 & work50hrs_1819 ==1
replace WrkngPoor_1819 =99 if work50hrs_1819 ==99
label var WrkngPoor_1819 "Indicator 6.5: Children live in working poor households--parents employed full-
time with income less than 100% FPL"

#delimit ;
label define WrkngPoor
1 "Live in 'working poor' household"
2 "Do not live in 'working poor' HH"
99 "Missing"
;#delimit cr
label values WrkngPoor_1819 WrkngPoor

```



|   |  |
|---|--|
| <b>Indicator 6.6</b>  | <b>Family shares ideas, 6-17 years (ShareIdeas_1819)</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<br>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 measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre> gen ShareIdeas_1819 = k8q21 replace ShareIdeas_1819 =3 if k8q21 ==3   k8q21 ==4 replace ShareIdeas_1819 =95 if sc_age_years &lt;6 replace ShareIdeas_1819 =99 if k8q21 ==.m label var ShareIdeas_1819 "Indicator 6.6: Parents and children sharing ideas or talk about things that really matter, age 6-17 years"  #delimit ; label define ShareIdeas 1 "Very well" 2 "Somewhat well" 3 "Not very well or not very well at all" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr  label values ShareIdeas_1819 ShareIdeas </pre> |  |

|  |  |
|--|--|
| <b>Indicator 6.7</b>   | <b>Family reads to children, 0-5 years (readto_1819)</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<br>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 measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen readto_1819 = k6q60_r replace readto_1819 =95 if sc_age_years &gt;5 replace readto_1819 =99 if k6q60_r ==.m label var readto_1819 "Indicator 6.7: Number of days children were read aloud to during the past week, age 0-5 years"  #delimit ; label define readto 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Every day" 95 "Children age 6-17 years" 99 "Missing" ;#delimit cr label values readto_1819 readto </pre> |  |

|  |   |
|--|---|
| <b>Indicator 6.8</b>   | <b>Family sings and tells stories to children, 0-5 years (SingStory_1819)</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<br>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 measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen SingStory_1819 = k6q61_r replace SingStory_1819 =95 if sc_age_years &gt;5 replace SingStory_1819 =99 if k6q61_r ==.m label var SingStory_1819 "Indicator 6.8: Number of days children were sung to or told stories to during past week, age 0-5 years"  #delimit ; label define SingStory 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Every day" 95 "Children age 6-17 years" 99 "Missing" ;#delimit cr label values SingStory_1819 SingStory </pre> |   |

|   |  |
|---|--|
| <b>Indicator 6.9</b>  | <b>Family eats meals together (MealTogether_1819)</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<br>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 measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre> gen MealTogether_1819 = k8q11 replace MealTogether_1819 =99 if k8q11 ==.m label var MealTogether_1819 "Indicator 6.9: Family members who live in the household eat a meal together"  #delimit ; label define MealTogether 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Every day" 95 "Children age 6-17 years" 99 "Missing" ;#delimit cr  label values MealTogether_1819 MealTogether </pre> |  |

|  |  |
|--|--|
| <b>Indicator 6.10</b>  | <b>Time spent in front of a TV, computer, cellphone or other electronic device (ScreenTime_1819)</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 age 0-5 years: H7; for children age 6-11 years: H6; for children age 12-17 years: H6<br>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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen Screentime_1819 = screentime replace Screentime_1819 =99 if screentime ==.m label var Screentime_1819 "Indicator 6.10: Time spent in front of electronic devices, not including schoolwork"  #delimit ; label define Screentime 1 "Less than 1 hour" 2 "1 hour" 3 "2 hours" 4 "3 hours" 5 "4 or more hours" 99 "Missing" ;#delimit cr label values Screentime_1819 Screentime </pre> |  |

|   |   |
|---|---|
| <b>Indicator 6.12</b>   | <b>Family resilience (FamResilience_1819)</b>   |
| <b>Description</b>  | Does this child live in a home where the family demonstrates qualities of resilience during difficult times?  |
| <b>Survey Items Used</b>  | Survey instrument item number for children age 0-5 years: I6(a-d); for children age 6-11 years: I6(a-d); for children age 12-17 years: I6(a-d)<br>Variable in public use data file: HOPEFUL, STRENGTHS, TALKABOUT, WKOTOSOLVE |
| <b>Denominator</b>  | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>  | 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>   |   |
| <p>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 (WKOTOSOLVE), (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.</p>  |   |
| <b>Revisions and Changes</b>  |   |
| There have been no substantive changes to this item/measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen TalkAbout_1819 =. replace TalkAbout_1819 =3 if talkabout ==3   talkabout ==4 replace TalkAbout_1819 =2 if talkabout ==2 replace TalkAbout_1819 =1 if talkabout ==1 replace TalkAbout_1819 =99 if talkabout ==.m label var TalkAbout_1819 "Family members talk together about what to do when the family faces problems"  gen WrkToSolve_1819 =. replace WrkToSolve_1819 =3 if wktosolve ==3   wktosolve ==4 replace WrkToSolve_1819 =2 if wktosolve ==2 replace WrkToSolve_1819 =1 if wktosolve ==1 replace WrkToSolve_1819 =99 if wktosolve ==.m label var WrkToSolve_1819 "Family members work together to solve the problem when the family faces problems"  gen strengths_1819 =. replace strengths_1819 =3 if strengths ==3   strengths ==4 replace strengths_1819 =2 if strengths ==2 replace strengths_1819 =1 if strengths ==1</pre> |   |

```

replace strengths_1819 =99 if strengths ==.m
label var strengths_1819 "Family members know we have strengths to draw on when the family faces
problems"

gen hopeful_1819 =.
replace hopeful_1819 =3 if hopeful ==3 | hopeful ==4
replace hopeful_1819 =2 if hopeful ==2
replace hopeful_1819 =1 if hopeful ==1
replace hopeful_1819 =99 if hopeful ==.m
label var hopeful_1819 "Family members stay hopeful even in difficult times when the family faces
problems"

local varlist TalkAbout_1819 WrkToSolve_1819 strengths_1819 hopeful_1819

foreach var of local varlist {

label define `var' 1 "All of the time" 2 "Most of the time" 3 "Some/None of the time" 99 "Missing", modify
label values `var' `var'
}

gen CtFamRes_1819 =0
replace CtFamRes_1819 = CtFamRes_1819 +1 if TalkAbout_1819 ==1 | TalkAbout_1819 ==2
replace CtFamRes_1819 = CtFamRes_1819 +1 if WrkToSolve_1819 ==1 | WrkToSolve_1819 ==2
replace CtFamRes_1819 = CtFamRes_1819 +1 if strengths_1819 ==1 | strengths_1819 ==2
replace CtFamRes_1819 = CtFamRes_1819 +1 if hopeful_1819 ==1 | hopeful_1819 ==2
replace CtFamRes_1819 =99 if TalkAbout_1819 ==99 & WrkToSolve_1819 ==99 & strengths_1819 ==99 &
hopeful_1819 ==99
label var CtFamRes_1819 "Count of all of time and most of time responses"

gen FamResilience_1819 =.
replace FamResilience_1819 =0 if CtFamRes_1819 <=1
replace FamResilience_1819 =1 if CtFamRes_1819 ==2 | CtFamRes_1819 ==3
replace FamResilience_1819 =2 if CtFamRes_1819 ==4
replace FamResilience_1819 =99 if TalkAbout_1819 ==99 & WrkToSolve_1819 ==99 & strengths_1819
==99 & hopeful_1819 ==99
label var FamResilience_1819 "Indicator 6.12: Family resilience composite measure"

#delimit ;
label define FamResilience
0 "All or most of the time to 0-1 items"
1 "All or most of the time to 2-3 items"
2 "All or most of the time to all 4 items"
99 "Missing to all 4 items"
;#delimit cr
label values FamResilience_1819 FamResilience

```

|   |   |
|---|---|
| <b>Indicator 6.13</b>   | <b>Adverse childhood experiences (ACE2more_1819)</b>  |
| <b>Description</b>  | Has this child experienced one or more adverse childhood experiences from the list of 9 ACEs?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: I7, I12(a-h); for children 6-11 years: I7, I13(a-h); for children 12-17 years: I7, I13(a-h)<br>Variables in public use data file: ACE1, ACE10, ACE3, ACE4, ACE5, ACE6, ACE7, ACE8, ACE9 |
| <b>Denominator</b>  | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>  | No adverse childhood experiences; 1 adverse childhood experience; Two or more adverse childhood experiences   |
| <b>Notes for Data-Users</b>   |   |
| <p>The NSCH includes nine ACEs items: 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 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); and treated or judged unfairly due to race/ethnicity (ACE 10). 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?" (ACE1) was coded as an adverse childhood experience. The remaining survey items ACE3-ACE10 are dichotomous with 'Yes/No' response options.</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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p>   |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen ACEincome_1819 = ace1 replace ACEincome_1819 =99 if ace1 ==.m label var ACEincome_1819 "ACE: hard to cover basics like food or housing on your family's income"  #delimit ; label define ACEincome 1 "Never" 2 "Rarely" 3 "Somewhat often" 4 "Very often" 99 "Missing" ;#delimit cr label values ACEincome_1819 ACEincome</pre>  |   |



```

gen ACEincome2_1819 = .
replace ACEincome2_1819 =1 if ace1 ==3 | ace1 ==4
replace ACEincome2_1819 =2 if ace1 ==1 | ace1 ==2
replace ACEincome2_1819 =99 if ace1 ==.m
label var ACEincome2_1819 "How often has it been very hard to cover basics like food or housing on your
family's income"

#delimit ;
label define ACEincome2
1 "Somewhat often/Very often hard to get by on family income"
2 "Never/Rarely hard to get by on family income"
99 "Missing"
;#delimit cr
label values ACEincome2_1819 ACEincome2

gen ACEdivorce_1819 = ace3
replace ACEdivorce_1819 =99 if ace3 ==.m
label var ACEdivorce_1819 " ACE: parent or guardian divorced or separated"

gen ACEdeath_1819 = ace4
replace ACEdeath_1819 =99 if ace4 ==.m
label var ACEdeath_1819 " ACE: parent or guardian died"

gen ACEjail_1819 = ace5
replace ACEjail_1819 =99 if ace5 ==.m
label var ACEjail_1819 " ACE: parent or guardian served time in jail"

gen ACEdomviol_1819 = ace6
replace ACEdomviol_1819 =99 if ace6 ==.m
label var ACEdomviol_1819 " ACE: saw or heard parents or adults slap, hit, kick, punch one another in the
home"

gen ACEneighviol_1819 = ace7
replace ACEneighviol_1819 =99 if ace7 ==.m
label var ACEneighviol_1819 " ACE: victim/witness of neighborhood violence"

gen ACEmhealth_1819 = ace8
replace ACEmhealth_1819 =99 if ace8 ==.m
label var ACEmhealth_1819 " ACE: lived with anyone who was mentally ill, suicidal, or severely depressed"

gen ACEdrug_1819 = ace9
replace ACEdrug_1819 =99 if ace9 ==.m
label var ACEdrug_1819 " ACE: lived with anyone who had a problem with alcohol or drug"

gen ACEdiscrim_1819 = ace10
replace ACEdiscrim_1819 =99 if ace10 ==.m
label var ACEdiscrim_1819 " ACE: treated or judged unfairly because of his/her race or ethnic group"

```

```

local varlist ACEdivorce_1819 ACEdeath_1819 ACEjail_1819 ACEdomviol_1819 ACeneighviol_1819
ACEmhealth_1819 ACEdrug_1819 ACEdiscrim_1819
foreach var of local varlist {

label define `var' 1 "Experienced the ACE " 2 "Did not experience the ACE " 99 "Missing", modify
label values `var' `var'

}

gen ACESctT_1819 =0
local varlist ACEincome2_1819 ACEdivorce_1819 ACEdeath_1819 ACEjail_1819 ACEdomviol_1819
ACeneighviol_1819 ACEmhealth_1819 ACEdrug_1819 ACEdiscrim_1819
foreach i of local varlist {
replace ACESctT_1819 = ACESctT_1819 + 1 if `i' ==1
} /*close loop*/

gen ACEct_1819 =0
replace ACEct_1819 = ACEct_1819 +1 if ACEincome2_1819 ==1
replace ACEct_1819 = ACEct_1819 +1 if ACEdivorce_1819 ==1
replace ACEct_1819 = ACEct_1819 +1 if ACEdeath_1819 ==1
replace ACEct_1819 = ACEct_1819 +1 if ACEjail_1819 ==1
replace ACEct_1819 = ACEct_1819 +1 if ACEdomviol_1819 ==1
replace ACEct_1819 = ACEct_1819 +1 if ACeneighviol_1819 ==1
replace ACEct_1819 = ACEct_1819 +1 if ACEmhealth_1819 ==1
replace ACEct_1819 = ACEct_1819 +1 if ACEdrug_1819 ==1
replace ACEct_1819 = ACEct_1819 +1 if ACEdiscrim_1819 ==1

replace ACEct_1819 =99 if ACEincome2_1819 ==99 & ACEdivorce_1819 ==99 & ACEdeath_1819 ==99 &
ACEjail_1819 ==99 & ACEdomviol_1819 ==99 & ACeneighviol_1819 ==99 & ACEmhealth_1819 ==99 &
ACEdrug_1819 ==99 & ACEdiscrim_1819 ==99
label var ACEct_1819 "Number of Adverse Childhood Experiences for child, of 9 asked about"

gen ACE2more_1819 =.
replace ACE2more_1819 =1 if ACEct_1819 ==0
replace ACE2more_1819 =2 if ACEct_1819 ==1
replace ACE2more_1819 =3 if ACEct_1819 >1
replace ACE2more_1819 =99 if ACEct_1819 ==99
label var ACE2more_1819 "Indicator 6.13: Adverse childhood experiences"

#delimit ;
label define ACE2more
1 "No adverse childhood experiences"
2 "Experienced 1 adverse ACE "
3 "Experienced 2 or more ACE s"
99 "Missing to all 9 items"
;#delimit cr
label values ACE2more_1819 ACE2more

```

|   |  |
|---|--|
| <b>Indicator 6.14</b>   | <b>Parental aggravation (ParAggrav_1819)</b>   |
| <b>Description</b>  | Does this child have parents who felt aggravated by parenting during the past month?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: H11(a-c); for children 6-11 years: H9(a-c); for children 12-17 years: H9(a-c)<br>Variable in public use data file: Variable in public use data file: K8Q31, K8Q32, K8Q34 |
| <b>Denominator</b>  | Children age 0-17 years  |
| <b>Numerator/Response Categories</b>  | Parent 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 measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen DiffCare_1819 =. replace DiffCare_1819 =1 if k8q31 ==1 replace DiffCare_1819 =2 if k8q31 ==2 replace DiffCare_1819 =3 if k8q31 ==3 replace DiffCare_1819 =4 if k8q31 ==4   k8q31 ==5 replace DiffCare_1819 =99 if k8q31 ==.m label var DiffCare_1819 "Parent felt child is much harder to care for than most children during the past month"</pre> <pre>gen bother_1819 =. replace bother_1819 =1 if k8q32 ==1 replace bother_1819 =2 if k8q32 ==2 replace bother_1819 =3 if k8q32 ==3 replace bother_1819 =4 if k8q32 ==4   k8q32 ==5 replace bother_1819 =99 if k8q32 ==.m label var bother_1819 "Parent felt child does things that bother them during the past month"</pre> <pre>gen angry_1819 =.</pre> |  |

```

replace angry_1819 =1 if k8q34 ==1
replace angry_1819 =2 if k8q34 ==2
replace angry_1819 =3 if k8q34 ==3
replace angry_1819 =4 if k8q34 ==4 | k8q34 ==5
replace angry_1819 =99 if k8q34 ==.m
label var angry_1819 "Parent felt angry with child during the past month"

local varlist DiffCare_1819 bother_1819 angry_1819
foreach var of local varlist {

label define `var' 1 "Never" 2 "Rarely" 3 "Sometimes" 4 "Usually or always" 99 "Missing", modify
label values `var' `var'

}

gen ParAgg_ct =0
replace ParAgg_ct = ParAgg_ct +1 if DiffCare_1819 ==4 | DiffCare_1819 ==5
replace ParAgg_ct = ParAgg_ct +1 if bother_1819 ==4 | bother_1819 ==5
replace ParAgg_ct = ParAgg_ct +1 if angry_1819 ==4 | angry_1819 ==5
replace ParAgg_ct =99 if DiffCare_1819 ==99 & bother_1819 ==99 & angry_1819 ==99
label var ParAgg_ct "Number of Usually or Always responses to three forms of stress reported by parents
during the past month"

gen ParAggrav_1819 =.
replace ParAggrav_1819 =1 if ParAgg_ct >=1
replace ParAggrav_1819 =2 if ParAgg_ct <1
replace ParAggrav_1819 =99 if ParAgg_ct ==99
label var ParAggrav_1819 "Indicator 6.14: Children whose parents who felt aggravation from parenting
during the past month"

#delimit ;
label define ParAggrav
1 "Parent usually or always feels aggravation from parenting"
2 "Parent seldom feels aggravation from parenting"
99 "Missing to all 3 items"
;#delimit cr
label values ParAggrav_1819 ParAggrav

```

|  |   |
|--|---|
| <b>Indicator 6.15</b>  | <b>Emotional help with parenthood (EmSupport_1819)</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<br>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 measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen EmSupport_1819 = k8q35 replace EmSupport_1819=99 if k8q35==.m label var EmSupport_1819 "Indicator 6.15: Emotional help with parenthood"  #delimit ; label define EmSupport 1 "Received emotional support" 2 "Did not receive emotional support" 99 "Missing to all 3 items" ;#delimit cr label values EmSupport_1819 EmSupport  gen EmSSpouse_1819 = emosupspo replace EmSSpouse_1819 =3 if k8q35 ==2 replace EmSSpouse_1819 =99 if EmSSpouse_1819 ==.m label var EmSSpouse_1819 "Emotional support from their spouse or domestic partner"  #delimit ; label define EmSSpouse 1 "Yes, from spouse or domestic partner" 2 "Yes, but not from spouse or domestic partner" 3 "Did not receive emotional support" </pre> |   |

```

99 "Missing"
;#delimit cr
label values EmSSpouse_1819 EmSSpouse

gen EmSFamily_1819 = emosupfam
replace EmSFamily_1819 =3 if k8q35 ==2
replace EmSFamily_1819 =99 if EmSFamily_1819 ==.m
label var EmSFamily_1819 "Children whose parents received day-to-day emotional support with parenting
or raising children from other family member or close friend"

gen EmSFamily_1819 = emosupfam
replace EmSFamily_1819 =3 if k8q35 ==2
replace EmSFamily_1819 =99 if EmSFamily_1819 ==.m
label var EmSFamily_1819 "Emotional support from other family member or close friend"

#delimit ;
label define EmSFamily
1 "Yes, from other family member/friend"
2 "Yes, not from other family member/friend"
3 "Did not receive emotional support"
99 "Missing"
;#delimit cr
label values EmSFamily_1819 EmSFamily

gen EmSProvider_1819 = emosuphpcp
replace EmSProvider_1819 =3 if k8q35 ==2
replace EmSProvider_1819 =99 if EmSProvider_1819 ==.m
label var EmSProvider_1819 "Emotional support from a health care provider"

#delimit ;
label define EmSProvider
1 "Yes, from a health care provider"
2 "Yes, not from a health care provider"
3 "Did not receive emotional support"
99 "Missing"
;#delimit cr
label values EmSProvider_1819 EmSProvider

gen EmSWorship_1819 = emosupwor
replace EmSWorship_1819 =3 if k8q35 ==2
replace EmSWorship_1819 =99 if EmSWorship_1819 ==.m
label var EmSWorship_1819 "Emotional support from a place of worship or religious leader"

#delimit ;
label define EmSWorship
1 "Yes, from a place of worship"
2 "Yes, not from a place of worship"
3 "Did not receive emotional support"

```

```

99 "Missing"
;#delimit cr
label values EmSWorship_1819 EmSWorship

gen EmSSupGrp_1819 = emosupadv
replace EmSSupGrp_1819 =3 if k8q35 ==2
replace EmSSupGrp_1819 =99 if EmSSupGrp_1819 ==.m
label var EmSSupGrp_1819 "Emotional support from advocacy or support group"

#delimit ;
label define EmSSupGrp
1 "Yes, from advocacy or support group"
2 "Yes, not from advocacy or support group"
3 "Did not receive emotional support"
99 "Missing"
;#delimit cr
label values EmSSupGrp_1819 EmSSupGrp

gen EmSPeer_1819 = emosuppeer
replace EmSPeer_1819 =3 if k8q35 ==2
replace EmSPeer_1819 =99 if EmSPeer_1819 ==.m
label var EmSPeer_1819 "Emotional support from a peer support group"

#delimit ;
label define EmSPeer
1 "Yes, from a peer group"
2 "Yes, not from a peer group"
3 "Did not receive emotional support"
99 "Missing"
;#delimit cr
label values EmSPeer_1819 EmSPeer

gen EmSMental_1819 = emosupmhp
replace EmSMental_1819 =3 if k8q35 ==2
replace EmSMental_1819 =99 if EmSMental_1819 ==.m
label var EmSMental_1819 "Emotional support from a counselor or other mental health professional"

#delimit ;
label define EmSMental
1 "Yes, from a mental health professional"
2 "Yes, not from mental health professional"
3 "Did not receive emotional support"
99 "Missing"
;#delimit cr
label values EmSMental_1819 EmSMental

local varlist EmSupport_1819 EmSSpouse_1819 EmSFamily_1819 EmSProvider_1819 EmSWorship_1819
EmSSupGrp_1819 EmSPeer_1819 EmSSpouse_1819

```

```
foreach var of local varlist {  
  replace `var' = 99 if `var' ==.m  
} /*close loop*/
```



|  |   |
|--|---|
| <b>Indicator 6.16</b>  | <b>Coping with daily demands of raising children (ParCoping_1819)</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<br>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 measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen ParCoping_1819 = k8q30 replace ParCoping_1819 =3 if k8q30 ==3   k8q30 ==4 replace ParCoping_1819 =99 if k8q30 ==.m label var ParCoping_1819 "Indicator 6.16: Coping with day-to-day demands of raising children"  #delimit ; label define ParCoping 1 "Very well" 2 "Somewhat well" 3 "Not very well or not very well at all" 99 "Missing" ;#delimit cr label values ParCoping_1819 ParCoping </pre> |   |

|  |  |
|--|--|
| <b>Indicator 6.17</b>  | <b>Job change due to problems with child care, age 0-5 years (JobChange_1819)</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<br>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/measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen JobChange_1819 = k6q27 replace JobChange_1819 =95 if sc_age_years &gt;5 replace JobChange_1819 =99 if JobChange_1819 ==.m label var JobChange_1819 "Indicator 6.17: Job change because problems with child care, age 0-5 years"  #delimit ; label define JobChange 1 "Yes" 2 "No" 95 "Children age 6-17 years" 99 "Missing" ;#delimit cr  label values JobChange_1819 JobChange </pre> |  |

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|--|--|
| <b>Indicator 6.18</b>  | <b>Left a job, took a leave of absence or cut back hours due to child’s health (StopCutWork_1819)</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: F4(a-b); for children 6-11 years: F4(a-b); for children 12-17 years: F4(a-b)<br>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>   |  |
| <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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p>  |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre>gen StopCutWork_1819 =. replace StopCutWork_1819 =1 if stopwork ==1   cuthours ==1 replace StopCutWork_1819 =2 if missing(StopCutWork_1819) &amp; (stopwork ==2   cuthours ==2) replace StopCutWork_1819 =99 if missing(StopCutWork_1819) &amp; (stopwork ==.m &amp; cuthours ==.m) label var StopCutWork_1819 "Indicator 6.18: Stopped working/ reduced work hours due to child's health"  #delimit ; label define StopCutWork 1 "Yes" 2 "Family members’ employment not affected" 99 "Missing" ;#delimit cr label values StopCutWork_1819 StopCutWork</pre>   |  |

|  |   |
|--|---|
| <b>Indicator 6.19</b>  | <b>Avoided changing jobs to maintain insurance (AvoidChng_1819)</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<br>Variable name 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 measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> replace AvoidChng_1819 =99 if avoidchg ==.m label var AvoidChng_1819 "Indicator 6.19: Avoided changing jobs to maintain insurance"  #delimit ; label define AvoidChng 1 "Yes" 2 "No" 99 "Missing" ;#delimit cr label values AvoidChng_1819 AvoidChng </pre>  |   |

|  |   |
|--|---|
| <b>Indicator 6.20a</b>   | <b>Time spent providing at home health care (HomeCare_1819)</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<br>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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen HomeCare_1819 = athomehc replace HomeCare_1819 =90 if athomehc ==6 replace HomeCare_1819 =99 if athomehc ==.m label var HomeCare_1819 "Indicator 6.20a: Time spent providing health care for child in an average week"  #delimit ; label define HomeCare 2 "Less than 1 hour per week" 3 "1-4 hours per week" 4 "5-10 hours per week" 5 "11 or more hours per week" 90 "Does not need health care provided on a weekly basis" 99 "Missing" ;#delimit cr label values HomeCare_1819 HomeCare </pre> |   |

|  |  |
|--|--|
| <b>Indicator 6.20b</b>   | <b>Time spent coordinating health care (TimeCoord_1819)</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<br>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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre> gen TimeCoord_1819 = arrangehc replace TimeCoord_1819 =90 if arrangehc ==6 replace TimeCoord_1819 =99 if arrangehc ==.m label var TimeCoord_1819 "Indicator 6.20b: Time spent coordinating health care"  #delimit ; label define TimeCoord 2 "Less than 1 hour per week" 3 "1-4 hours per week" 4 "5-10 hours per week" 5 "11 or more hours per week" 90 "Does not need health care provided on a weekly basis" 99 "Missing" ;#delimit cr label values TimeCoord_1819 TimeCoord </pre> |  |

|   |   |
|---|---|
| <b>Indicator 6.21</b>   | <b>Received child care from others at least 10 hours/week, age 0-5 years (Care10hrs_1819)</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<br>Variable name 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 measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen Care10hrs_1819 = k6q20 replace Care10hrs_1819 =95 if sc_age_years &gt;5 replace Care10hrs_1819 =99 if k6q20 ==.m label var Care10hrs_1819 "Indicator 6.21: Received care from others at least 10 hours/week, age 0-5 years"  #delimit ; label define Care10hrs 1 "Yes" 2 "No" 95 "Children age 6-17 years" 99 "Missing" ;#delimit cr label values Care10hrs_1819 Care10hrs </pre> |   |

|   |  |
|---|--|
| <b>Indicator 6.22</b>   | <b>Sleep position, 0-12 months (SleepPos_1819)</b>   |
| <b>Description</b>  | In which position do you most often lay this baby down to sleep now, age 0-12 months?                  |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: H6<br>Variable in public use data file: SLEEPPOS |
| <b>Denominator</b>  | Children age 0-1 years   |
| <b>Numerator/Response Categories</b>  | On his or her back; On his or her side; On his or her stomach  |
| <b>Notes for Data-Users</b>   |  |
| <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 AAP website.</p>   |  |
| <b>Revisions and Changes</b>  |  |
| There have been no substantive changes to this measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen SleepPos_1819 =. replace SleepPos_1819 =1 if sleeppos ==2 replace SleepPos_1819 =2 if sleeppos ==1 replace SleepPos_1819 =3 if sleeppos ==3 replace SleepPos_1819 =99 if sleeppos ==.m replace SleepPos_1819 =90 if sc_age_years &gt;=1 label var SleepPos_1819 "Indicator 6.22: Sleep position, age less than 12 months"  #delimit ; label define SleepPos 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" ;#delimit cr label values SleepPos_1819 SleepPos</pre> |  |



|   |  |
|---|--|
| <b>Indicator 6.24</b>   | <b>Child goes to bed same time on weeknights (BedTime_1819)</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<br>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 measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre> gen BedTime_1819 = replace BedTime_1819 =1 if bedtime ==1 replace BedTime_1819 =2 if bedtime ==2 replace BedTime_1819 =3 if bedtime ==3 replace BedTime_1819 =4 if bedtime ==4   bedtime ==5 replace BedTime_1819 =99 if bedtime ==.m label var BedTime_1819 "Indicator 6.24: Go to bed at the same time on weeknights"  #delimit ; label define BedTime 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Rarely/never" 99 "Missing" ;#delimit cr label values BedTime_1819 BedTime </pre> |  |

|  |   |
|--|---|
| <b>Indicator 6.25</b>  | <b>Adequate amount of sleep, age 4 months-17 years (HrsSleep_1819)</b>  |
| <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) (age 4 months-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<br>Variable in public use data file: HOURSLEEP05; HOURSLEEP                             |
| <b>Denominator</b>   | Children age 4 months-17 years  |
| <b>Numerator/Response Categories</b>   | Child slept recommended age-appropriate hours; Child slept 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)<br/> Children 1 to 2 years of age should sleep 11 to 14 hours per 24 hours (including naps)<br/> Children 3 to 5 years of age should sleep 10 to 13 hours per 24 hours (including naps)<br/> Children 6 to 12 years of age should sleep 9 to 12 hours per 24 hours<br/> Teenagers 13 to 18 years of age should sleep 8 to 10 hours per 24 hours. More information can be obtained from the AAP website .</p>  |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre>gen HrsSleep_1819 =. replace HrsSleep_1819 =2 if (sc_age_lt4 ==2 &amp; sc_age_years ==0) &amp; hoursleep05 &lt;7 replace HrsSleep_1819 =1 if missing(HrsSleep_1819) &amp; hoursleep05 ==7 replace HrsSleep_1819 =2 if (sc_age_years &gt;0 &amp; sc_age_years &lt;3) &amp; hoursleep05 &lt;6 replace HrsSleep_1819 =1 if missing(HrsSleep_1819) &amp; (hoursleep05 ==6   hoursleep05 ==7) replace HrsSleep_1819 =2 if (sc_age_years &gt;2 &amp; sc_age_years &lt;6) &amp; hoursleep05 &lt;5 replace HrsSleep_1819 =1 if missing(HrsSleep_1819) &amp; (hoursleep05 ==5   hoursleep05 ==6   hoursleep05 ==7) replace HrsSleep_1819 =2 if (sc_age_years &gt;5 &amp; sc_age_years &lt;13) &amp; hoursleep &lt;5 replace HrsSleep_1819 =1 if missing(HrsSleep_1819) &amp; (hoursleep ==5   hoursleep ==6   hoursleep ==7) replace HrsSleep_1819 =2 if (sc_age_years &gt;12) &amp; hoursleep &lt;4 replace HrsSleep_1819 =1 if missing(HrsSleep_1819) &amp; (hoursleep ==4   hoursleep ==5   hoursleep ==6   hoursleep ==7) replace HrsSleep_1819 =99 if hoursleep ==.m   hoursleep05 ==.m</pre> |   |

```
replace HrsSleep_1819 =90 if sc_age_lt4 ==1
label var HrsSleep_1819 "Indicator 6.25: Adequate amount of sleep, age 4 months-17 years"

#delimit ;
label define HrsSleep
1 "Yes"
2 "No"
90 "Children less than 4 months old"
99 "Missing"
;#delimit cr
label values HrsSleep_1819 HrsSleep
```

|   |  |
|---|--|
| <b>Indicator 6.26</b>   | <b>Food insufficiency (FoodSit_1819)</b>   |
| <b>Description</b>  | Which of these statements best describes your household's ability to afford the food you need during the past 12 months?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: I8; for children 6-11 years: I8; for children 12-17 years: I8<br>Variable in public use data file: FOODSIT   |
| <b>Denominator</b>  | Children age 0-17 years  |
| <b>Numerator/Response Categories</b>  | 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 measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen FoodSit_1819 = foodsit replace FoodSit_1819 =99 if foodsit ==.m label var FoodSit_1819 "Indicator 6.26: Food situation in child's household in the past 12 months"  #delimit ; label define FoodSit 1 "always get enough nutritious food" 2 "always enough food but not nutritious" 3 "Sometimes not enough food" 4 "Often not enough" 99 "Missing" ;#delimit cr label values FoodSit_1819 FoodSit</pre> |  |

|   |   |
|---|---|
| <b>Indicator 6.27</b>   | <b>Received food or cash assistance (FoodCash_1819)</b>   |
| <b>Description</b>  | Does this child live in a household that received food or cash assistance at any time during the past 12 months, even for month?  |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: I9(a-d); for children 6-11 years: I9(a-d); for children 12-17 years: I9(a-d)<br>Variable in public use data file: K11Q60, K11Q61, K11Q62, S9Q34 |
| <b>Denominator</b>  | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>  | Did not receive food or cash assistance; Received 1-2 types of assistance; Received 3-4 types of assistance   |
| <b>Notes for Data-Users</b>   |   |
| 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.  |   |
| <b>Revisions and Changes</b>  |   |
| There have been no substantive changes to this measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen FoodCashct_1819 = 0 replace FoodCashct_1819 = FoodCashct_1819 +1 if s9q34 ==1 replace FoodCashct_1819 = FoodCashct_1819 +1 if k11q60 ==1 replace FoodCashct_1819 = FoodCashct_1819 +1 if k11q61 ==1 replace FoodCashct_1819 = FoodCashct_1819 +1 if k11q62 ==1 replace FoodCashct_1819 =99 if s9q34 ==.m &amp; k11q60 ==.m &amp; k11q61 ==.m &amp; k11q62 ==.m label var FoodCashct_1819 "Number of food and cash assistance received during the past 12 months"  gen FoodCash_1819 =. replace FoodCash_1819 =3 if FoodCashct_1819 ==0 replace FoodCash_1819 =2 if FoodCashct_1819 ==1   FoodCashct_1819 ==2 replace FoodCash_1819 =1 if FoodCashct_1819 ==3   FoodCashct_1819 ==4 replace FoodCash_1819 =99 if s9q34 ==.m &amp; k11q60 ==.m &amp; k11q61 ==.m &amp; k11q62 ==.m label var FoodCash_1819 "Indicator 6.27: Received food and cash assistance during the past 12 months"  #delimit ; label define FoodCash 1 "Received 3-4 types of assistance" 2 "Received 1-2 types of assistance" 3 "Did not receive cash or food assistance" 99 "Missing to all" </pre> |   |

```

;#delimit cr
label values FoodCash_1819 FoodCash

gen WIC_1819 = s9q34
replace WIC_1819 =99 if s9q34 ==.m
label var WIC_1819 "WIC benefits"

gen CashAss_1819 = k11q60
replace CashAss_1819 =99 if k11q60 ==.m
label var CashAss_1819 "Cash assistance from government"

gen FoodStamp_1819 = k11q61
replace FoodStamp_1819 =99 if k11q61 ==.m
label var FoodStamp_1819 "Food Stamps"

gen MealFree_1819 = k11q62
replace MealFree_1819 =99 if k11q62 ==.m
label var MealFree_1819 "Free or reduced cost meals"

local varlist WIC_1819 CashAss_1819 FoodStamp_1819 MealFree_1819
foreach var of local varlist {

label define `var' 1 "Yes" 2 "No" 99 "Missing", modify
label values `var' `var'

}

```

**Neighborhood Safety and Support**

|  |  |
|--|--|
| <b>Indicator 7.1</b>   | <b>Supportive neighborhood (NbhdSupp_1819)</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: I11a,b,d; for children 6-11 years: I11a,b,d; for children 12-17 years: I11a,b,d<br>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; Child does not live in supportive neighborhood   |
| <b>Notes for Data-Users</b>  |  |
| <p>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 2018 and 2019 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.</p> |  |
| <b>Revisions and Changes</b>   |  |
| There have been no substantive changes to this measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre>gen NbhdSupp_1819 =. replace NbhdSupp_1819 =2 if k10q30 &gt;=2   k10q31&gt;=2   goforhelp&gt;=2 replace NbhdSupp_1819 =1 if k10q30 ==1 &amp; k10q31 &lt;=2 &amp; goforhelp &lt;=2 replace NbhdSupp_1819 =1 if k10q30 &lt;=2 &amp; k10q31 ==1 &amp; goforhelp &lt;=2 replace NbhdSupp_1819 =1 if k10q30 &lt;=2 &amp; k10q31 &lt;=2 &amp; goforhelp ==1 replace NbhdSupp_1819 =99 if k10q30 ==.m   k10q31 ==.m   goforhelp ==.m label var NbhdSupp_1819 "Indicator 7.1: Children live in supportive neighborhood"  #delimit ; label define NbhdSupp 1 "Live in supportive neighborhoods" 2 "Do not live in supportive neighborhoods" 99 "Missing to any" ;#delimit cr label values NbhdSupp_1819 NbhdSupp</pre>   |  |

|   |   |
|---|---|
| <b>Indicator 7.2</b>  | <b>Safe neighborhood (NbhdSafe_1819)</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: I11c; for children 6-11 years: I11c; for children 12-17 years: I11c<br>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 measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen NbhdSafe_1819 =. replace NbhdSafe_1819 =1 if k10q40_r ==1 replace NbhdSafe_1819 =2 if k10q40_r ==2 replace NbhdSafe_1819 =3 if k10q40_r ==3   NbhdSafe_1819 ==. replace NbhdSafe_1819 =99 if k10q40_r ==.m label var NbhdSafe_1819 "Indicator 7.2: Children live in safe neighborhood"  #delimit ; label define NbhdSafe 1 "Definitely agree" 2 "Somewhat agree" 3 "Somewhat or definitely disagree" 99 "Missing" ;#delimit cr label values NbhdSafe_1819 NbhdSafe </pre> |   |



|   |   |
|---|---|
| <b>Indicator 7.3</b>  | <b>Safe school, age 6-17 years (SchlSafe_1819)</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: l11e; for children 12-17 years: l11e<br>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 measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen SchlSafe_1819 =. replace SchlSafe_1819 =1 if k10q41_r ==1 replace SchlSafe_1819 =2 if k10q41_r ==2 replace SchlSafe_1819 =3 if k10q41_r ==3   k10q41_r ==4 replace SchlSafe_1819 =99 if k10q41_r ==.m replace SchlSafe_1819 =95 if sc_age_years &lt;6 label var SchlSafe_1819 "Indicator 7.3: Child is safe in school, age 6-17 years"  #delimit ; label define SchlSafe 1 "Definitely agree" 2 "Somewhat agree" 3 "Somewhat or definitely disagree" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values SchlSafe_1819 SchlSafe </pre> |   |

|   |   |
|---|---|
| <b>Indicator 7.4</b>  | <b>Neighborhood amenities (NbhdAmenities_1819)</b>  |
| <b>Description</b>  | Does this child live in a neighborhood that contains certain amenities -- parks, recreation centers, sidewalks or libraries?  |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: I10(a-d); for children 6-11 years: I10(a-d); for children 12-17 years: I10(a-d)<br>Variable in public use data file: K10Q11, K10Q12, K10Q13, K10Q14 |
| <b>Denominator</b>  | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>  | Neighborhood does not contain any amenities; Neighborhoods 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 measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen SideWlks_1819 = k10q11 replace SideWlks_1819 =99 if k10q11 ==.m label var SideWlks_1819 "Children who live in neighborhoods with sidewalks or walking paths"  #delimit ; label define SideWlks 1 "Yes" 2 "No" 99 "Missing" ;#delimit cr label values SideWlks_1819 SideWlks  gen park_1819 = k10q12 replace park_1819 =99 if k10q12 ==.m label var park_1819 "Children who live in neighborhoods with a park or playground area"  #delimit ; label define park 1 "Yes" 2 "No" 99 "Missing" </pre> |   |

```

;#delimit cr
label values park_1819 park

gen RecCentr_1819 = k10q13
replace RecCentr_1819 =99 if k10q13 ==.m
label var RecCentr_1819 "Children who live in neighborhoods with recreation center, community center
or Boys'/Girls' Club"

#delimit ;
label define RecCentr
1 "Yes"
2 "No"
99 "Missing"
;#delimit cr
label values RecCentr_1819 RecCentr

gen library_1819 = k10q14
replace library_1819 =99 if k10q14 ==.m
label var library_1819 "Children who live in neighborhoods with a library or bookmobile"

#delimit ;
label define library
1 "Yes"
2 "No"
99 "Missing"
;#delimit cr
label values library_1819 library

local varlist SideWlks_1819 park_1819 RecCentr_1819 library_1819
foreach var of local varlist {

replace `var' = 99 if `var' ==.m

}

gen validamen =0
replace validamen = validamen +1 if k10q11 ==1 | k10q11 ==2
replace validamen = validamen +1 if k10q12 ==1 | k10q12 ==2
replace validamen = validamen +1 if k10q13 ==1 | k10q13 ==2
replace validamen = validamen +1 if k10q14 ==1 | k10q14 ==2

gen amenities =0
replace amenities = amenities +1 if k10q11 ==1
replace amenities = amenities +1 if k10q12 ==1
replace amenities = amenities +1 if k10q13 ==1
replace amenities = amenities +1 if k10q14 ==1
label var amenities "Count of amenities in children's neighborhoods"

```

```
gen NbhdAmenities_1819 =.  
replace NbhdAmenities_1819 =4 if amenities ==4  
replace NbhdAmenities_1819 =3 if amenities ==3  
replace NbhdAmenities_1819 =2 if amenities ==2  
replace NbhdAmenities_1819 =1 if amenities ==1  
replace NbhdAmenities_1819 =0 if amenities ==0  
replace NbhdAmenities_1819 =99 if validamen <4  
label var NbhdAmenities_1819 "Indicator 7.4: Presence of neighborhood amenities"  
  
#delimit ;  
label define NbhdAmenities  
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"  
;#delimit cr  
label values NbhdAmenities_1819 NbhdAmenities
```

|  |   |
|--|---|
| <b>Indicator 7.5</b>   | <b>Presence of detracting neighborhood elements (NbhdDetract_1819)</b>  |
| <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: I10e-g; for children 6-11 years: I10e-g; for children 12-17 years: I10e-g<br>Variable in public use data file: 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 measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen litter_1819 = k10q20 replace litter_1819 =99 if k10q20 ==.m label var litter_1819 "Children who live in neighborhoods with litter or garbage on the street or sidewalk"  #delimit ; label define litter 1 "Yes" 2 "No" 99 "Missing" ;#delimit cr label values litter_1819 litter  gen housing_1819 = k10q22 replace housing_1819 =99 if k10q22 ==.m label var housing_1819 "Children who live in neighborhoods with poorly kept or rundown housing"  #delimit ; label define housing 1 "Yes" 2 "No" </pre> |   |

```

99 "Missing"
;#delimit cr
label values housing_1819 housing

gen vandal_1819 = k10q23
replace vandal_1819 =99 if k10q23 ==.m
label var vandal_1819 "Children who live in neighborhoods with vandalism such as broken windows or graffiti"

#delimit ;
label define vandal
1 "Yes"
2 "No"
99 "Missing"
;#delimit cr
label values vandal_1819 vandal

gen validcomm = 0
replace validcomm = validcomm +1 if k10q20 ==1 | k10q20 ==2
replace validcomm = validcomm +1 if k10q22 ==1 | k10q22 ==2
replace validcomm = validcomm +1 if k10q23 ==1 | k10q23 ==2

gen comm_cond =0
replace comm_cond = comm_cond +1 if k10q20 ==1
replace comm_cond = comm_cond +1 if k10q22 ==1
replace comm_cond = comm_cond +1 if k10q23 ==1
label var comm_cond "# Neighborhood condition Items"

gen NbhdDeduct_1819 =.
replace NbhdDeduct_1819 =3 if comm_cond ==3
replace NbhdDeduct_1819 =2 if comm_cond ==2
replace NbhdDeduct_1819 =1 if comm_cond ==1
replace NbhdDeduct_1819 =0 if comm_cond ==0
replace NbhdDeduct_1819 =99 if validcomm <3

#delimit ;
label define NbhdDeduct
0 "0 detracting elements"
1 "1 detracting element"
2 "2 detracting elements"
3 "All 3 detracting elements"
99 "Missing to any of the questions"

;#delimit cr
label values NbhdDeduct_1819 NbhdDeduct

```

# 2018 - 2019 National Survey of Children’s Health

## Child and Family Demographics and Subgroup Variables

---



| U.S. children in 3 age groups (age3_1819)  |   |
|--|---|
| <b>Description</b>   | What is this child's age? (3 age groups)  |
| <b>Survey Items Used</b>   | Screener Questionnaire item number: 1<br>Variable in public use data file: C#_AGE_YEARS |
| <b>Denominator</b>   | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>   | 0-5 years old; 6-11 years old; 12-17 years old  |
| <b>Notes for Data-Users</b>  |   |
| Uses variable SC_AGE_YEARS in the 2018 and 2019 NSCH public use files provided by the Census Bureau; aggregates into three groups. Age categories were created from initial screening questions asked for all children in the survey.  |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this item since 2016.  |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen age3_1819 = replace age3_1819 =1 if sc_age_years &gt;=0 &amp; sc_age_years &lt;=5 replace age3_1819 =2 if sc_age_years &gt;=6 &amp; sc_age_years &lt;=11 replace age3_1819 =3 if sc_age_years &gt;=12 &amp; sc_age_years &lt;=17 label var age3_1819 "Children's age in 3 categories"  #delimit ; label define age3 1 "0-5 years old" 2 "6-11 years old" 3 "12-17 years old" ;#delimit cr label values age3_1819 age3                     </pre> |   |



|  |   |
|--|---|
|  | <b>U.S. children in 5 age groups (age5_1819)</b>  |
| <b>Description</b>   | What is this child's age? (5 age groups)  |
| <b>Survey Items Used</b>   | <p> Screener Questionnaire item number: 1<br/>           Variable in public use data file: C#_AGE_YEARS</p> |
| <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>  |   |
| <p>Uses variable SC_AGE_YEARS in the 2018 and 2019 NSCH public use files provided by the Census Bureau; aggregates into five groups. Age categories were created from initial screening questions asked for all children in the survey.</p>  |   |
| <b>Revisions and Changes</b>   |   |
| <p>There have been no substantive changes to this item since 2016.</p>   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen age5_1819 = replace age5_1819 =1 if sc_age_years &gt;=0 &amp; sc_age_years &lt;=3 replace age5_1819 =2 if sc_age_years &gt;=3 &amp; sc_age_years &lt;=7 replace age5_1819 =3 if sc_age_years &gt;=7 &amp; sc_age_years &lt;=11 replace age5_1819 =4 if sc_age_years &gt;=11 &amp; sc_age_years &lt;=14 replace age5_1819 =5 if sc_age_years &gt;=14 label var age5_1819 "Children's age in 5 categories"  #delimit ; label define age5 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". ;#delimit cr label values age5_1819 age5 </pre> |   |

|   |   |
|---|---|
|   | <b>Sex of child (sex_1819)</b>  |
| <b>Description</b>  | What is this child's sex?   |
| <b>Survey Items Used</b>  | <p> Screener Questionnaire item number: 2<br/>           Variable in public use data file: C#_SEX</p> |
| <b>Denominator</b>  | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>  | Male; Female  |
| <b>Notes for Data-Users</b>   |   |
| <p>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 0.1% missing values. The 2018 and 2019 NSCH public use data file provided by the Census Bureau includes values of single imputation for SC_SEX variable.</p> |   |
| <b>Revisions and Changes</b>  |   |
| <p>There have been no substantive changes to this item since 2016.</p>  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen sex_1819 = sc_sex replace sex_1819 =99 if sc_sex ==.m label var sex_1819 "Sex of child"  #delimit ; label define sex 1 "Female" 2 "Male" 99 "Missing" ;#delimit cr label values sex_1819 sex           </pre>   |   |

| Race and ethnicity distribution of the child population (race4_1819)  |   |
|---|---|
| <b>Description</b>  | What is this child's race/ethnicity (4 groups)?   |
| <b>Survey Items Used</b>  | Screener Questionnaire item number: 3,4<br>Variable in public use data file: C#_HISPANIC_R; C#_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. Hispanic origin and race information for the selected sample child is included in the "Topical" public use file provided by the Census Bureau. 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.</p> <p>For race4_1819, 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 some other race (only in 2018, some other race response option was deleted in 2019) 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>Selected child's Hispanic origin had 0.6% missing cases in 2018 and 2019. Race had 0.3% missing values in 2018 and 0.7% in 2019. The 2018 and 2019 NSCH public use data file provided by the 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p>   |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen race4_1819 =. replace race4_1819 =2 if sc_hispanic_r ==2 &amp; sc_race_r ==1 replace race4_1819 =3 if sc_hispanic_r ==2 &amp; sc_race_r ==2 replace race4_1819 =4 if sc_hispanic_r ==2 &amp; (sc_race_r ==3   sc_race_r ==4   sc_race_r ==5   sc_race_r ==6   sc_race_r ==7) replace race4_1819 =1 if sc_hispanic_r ==1 replace race4_1819 =99 if sc_hispanic_r ==.m   sc_race_r ==.m label var race4_1819 "Race and ethnicity of child, 4 categories"  #delimit ; label define race4 1 "Hispanic" 2 "White, non-Hispanic"                     </pre>   |   |

```
3 "Black, non-Hispanic"  
4 "Multi-racial/Other, non-Hispanic"  
99 "Missing SC_HISPANIC_R or SC_RACE_R or both"  
;#delimit cr  
label values race4_1819 race4
```

| Race and ethnicity distribution of the child population including Asian data (raceAsia_1819)   |   |
|--|---|
| <b>Description</b>   | What is this child’s race/ethnicity (5 groups including Asian)?                                       |
| <b>Survey Items Used</b>   | Screener Questionnaire item number: 3,4<br>Variable in public use data file: C#_HISPANIC_R; C#_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. Hispanic origin and race information for the selected sample child was provided in the “Topical” public use file provided by the Census Bureau. 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.</p> <p>For raceAsia_1819, 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 some other race (only in 2018, some other race response option was deleted in 2019) 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>Selected child’s Hispanic origin had 0.6% missing cases in 2018 and 2019. Race had 0.3% missing values in 2018 and 0.7% in 2019. The 2018 and 2019 NSCH public use data file provided by the 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p>  |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen raceAsia_1819 =. replace raceAsia_1819 =2 if sc_hispanic_r ==2 &amp; sc_race_r ==1 replace raceAsia_1819 =3 if sc_hispanic_r ==2 &amp; sc_race_r ==2 replace raceAsia_1819 =4 if sc_hispanic_r ==2 &amp; sc_race_r ==4 replace raceAsia_1819 =5 if sc_hispanic_r ==2 &amp; (sc_race_r ==3   sc_race_r ==5   sc_race_r ==6   sc_race_r ==7) replace raceAsia_1819 =1 if sc_hispanic_r ==1 replace raceAsia_1819 =99 if sc_hispanic_r ==.m   sc_race_r ==.m label var raceAsia_1819 "Race and ethnicity of child, 4 categories"  #delimit ; label define raceAsia 1 "Hispanic"                     </pre>  |   |

```
2 "White, non-Hispanic"  
3 "Black, non-Hispanic"  
4 "Asian, non-Hispanic"  
5 "Multi-racial/Other, non-Hispanic"  
99 "Missing SC_HISPANIC_R or SC_RACE_R or both"  
;#delimit cr  
label values raceAsia_1819 raceAsia
```

| Race and ethnicity distribution of the child population – 7 categories (race7_1819)   |   |
|---|---|
| <b>Description</b>  | What is this child’s race/ethnicity (7 groups)?   |
| <b>Survey Items Used</b>  | Screener Questionnaire item number: 3,4<br>Variable in public use data file: C#_HISPANIC_R; C#_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. Hispanic origin and race information for the selected sample child was provided in the "Topical" public use file provided by the Census Bureau. 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.</p> <p>For race7_1819, 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 only “Other” race category were set to missing in 2018.</p> <p>Selected child’s Hispanic origin had 0.6% missing cases in 2018 and 2019. Race had 0.3% missing values in 2018 and 0.7% in 2019. The 2018 and 2019 NSCH public use data file provided by the 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p>   |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen race7_1819 =. replace race7_1819 =2 if sc_hispanic_r ==2 &amp; sc_race_r ==1 replace race7_1819 =3 if sc_hispanic_r ==2 &amp; sc_race_r ==2 replace race7_1819 =4 if sc_hispanic_r ==2 &amp; sc_race_r ==4 replace race7_1819 =5 if sc_hispanic_r ==2 &amp; sc_race_r ==3 replace race7_1819 =6 if sc_hispanic_r ==2 &amp; sc_race_r ==5 replace race7_1819 =7 if sc_hispanic_r ==2 &amp; sc_race_r ==7 replace race7_1819 =96 if sc_hispanic_r ==2 &amp; sc_race_r ==6 replace raceAsia_1819 =1 if sc_hispanic_r ==1 replace raceAsia_1819 =99 if sc_hispanic_r ==.m   sc_race_r ==.m label var raceAsia_1819 "Race and ethnicity of child, 7 categories"  #delimit ; label define race7 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".  
;#delimit cr  
label values race7_1819 race7
```



| Parental nativity (PrntNativity_1819)  |  |
|--|--|
| <b>Description</b>   | What is the generational status of this child's parents?   |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: H1,J1/J13, J4/J16; for children 6-11 years: H1,J1/J13, J4/J16; for children 12-17 years: H1,J1/J13, J4/J16<br>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 US; Any parent born outside of US; Children born in the US, live with caregiver(s) other than parents  |
| <b>Notes for Data-Users</b>  |  |
| <p>This variable was derived using HOUSE_GEN variable in the public use files provided by Census Bureau. The variable HOUSE_GEN classifies the generational status of the household. This variable is defined following the Census definition of household generational status: (1) First generation household: child is born abroad, no parent in the household born in the US; (2) Second generation household: child is born in US and at least one parent in the household born abroad or child is born abroad, one parent in the household born in US and another parent in the household born abroad; (3) Third-or-higher generation household: All parents in the household born in US, place of child's birth irrelevant; and (4) other: child is born in US, 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 US (BORNUSA). Children's parent includes biological or adoptive, step or foster parents.</p> |  |
| <b>Revisions and Changes</b>   |  |
| There have been no substantive changes to this measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre>gen PrntNativity_1819 =. replace PrntNativity_1819 =2 if house_gen ==1   house_gen ==2 replace PrntNativity_1819 =1 if house_gen ==3 replace PrntNativity_1819 =3 if house_gen ==4 replace PrntNativity_1819 =99 if house_gen ==.m label var PrntNativity_1819 "Generational status of the parents - collapsed 1st and 2nd generational status of HH"  #delimit ; label define PrntNativity 1 "Parent(s) born in US" 2 "Any parent born outside US" 3 "Other (child born in US, parents are not listed)" 99 "Missing" ;#delimit cr label values PrntNativity_1819 PrntNativity</pre>  |  |

|  |   |
|--|---|
| <b>Primary household language (HHLanguage_1819)</b>  |   |
| <b>Description</b>   | What is the primary language spoken in this child's home?   |
| <b>Survey Items Used</b>   | <p> Screener Questionnaire item number (household section): 3<br/>                 Variable in public use data file: HHLANGUAGE</p> |
| <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 since 2016.  |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen HHLanguage_1819 =. replace HHLanguage_1819 =1 if hhlanguage ==1 replace HHLanguage_1819 =2 if hhlanguage ==2   hhlanguage ==3 replace HHLanguage_1819 =99 if hhlanguage ==99 label var HHLanguage_1819 "Primary language spoken in the household"  #delimit ; label define HHLanguage 1 "English" 2 "Non-English" 99 "Missing" ;#delimit cr label values HHLanguage_1819 HHLanguage                     </pre> |   |

| Primary household language for Hispanic children (hisplang_1819)   |   |
|--|---|
| <b>Description</b>   | What is the primary language spoken in the home for Hispanic children?  |
| <b>Survey Items Used</b>   | Screener Questionnaire item number: 1,3, 4 (household section)<br>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. Results from the 2018 and 2019 NSCH indicate that 2%-2.6% of Hispanic children speak languages other than English and Spanish.   |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this item since 2016.  |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen hisplang_1819 =. replace hisplang_1819 =1 if sc_hispanic_r ==1 &amp; (hhlanguage ==2   hhlanguage ==3) replace hisplang_1819 =2 if sc_hispanic_r ==1 &amp; hhlanguage ==1 replace hisplang_1819 =3 if sc_hispanic_r ==2 replace hisplang_1819 =99 if hhlanguage ==.m   sc_hispanic_r ==.m label var hisplang_1819 "Primary household language parsed to Hispanic and non-Hisp"  #delimit ; label define hisplang 1 "Hispanic children, non-English PHH language" 2 "Hispanic children, English PHH language" 3 "Non-Hispanic child" 99 "Missing to PHL or SC_HISPANIC" ;#delimit cr label values hisplang_1819 hisplang                     </pre> |   |

| Family structure of child's household (famstruct5_1819)  |  |
|--|--|
| <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/J13, J7/J19, J2/J14; for children 6-11 years: J1/J13, J7/J19, J2/J14; for children 12-17 years J1/J13, J7/J19, J2/J14<br><br>Variables in public use data file: FAMILY_R (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 Census Bureau (FAMILY_R) in the 2018 and 2019 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, grandparents 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. More information can be found in the <a href="#">2019 NSCH Methodology Report</a>.</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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p>  |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre>gen famstruct_1819 =. replace famstruct_1819 =1 if family_r ==1   family_r ==3 replace famstruct_1819 =2 if family_r ==2   family_r ==4 replace famstruct_1819 =3 if family_r ==5   family_r ==6 replace famstruct_1819 =4 if family_r ==7 replace famstruct_1819 =5 if family_r ==8 replace famstruct_1819 =99 if family_r ==.m label var famstruct_1819 "Family structure of child's household - 5 categories"  #delimit ; label define famstruct 1 "Two parents, currently married" 2 "Two parents, not currently married"</pre>   |  |

```
3 "Single parent (mother or father)"  
4 "Grandparent Household"  
5 "Other relation"  
99 "Missing"  
;#delimit cr  
label values famstruct_1819 famstruct
```

| Income level of child's household (povlev4_1819)  |   |
|---|---|
| <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<br>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 question about family income and number of family members. The poverty level variable had 15.3% (2018) – 17.6% (2019) missing values, which may result in biased estimates. Therefore, the missing values were imputed by the Census Bureau. The impact of missing values on population count estimates is available on the <a href="#">DRC website</a>.</p> <p>The 2018 and 2019 NSCH topical public use files provided by the Census Bureau contains 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_1819 in the DRC NSCH combined data set was generated using a single imputation value from the 2018 and 2019 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 combined data set for users who wish to estimate multiple imputed poverty level.</p> |   |
| <b>Revisions and Changes</b>  |   |
| There have been no substantive changes to this measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen povlev4_1819 =. replace povlev4_1819 =1 if fpl_i1 &gt;0 &amp; fpl_i1 &lt;=99 replace povlev4_1819 =2 if fpl_i1 &gt;=100 &amp; fpl_i1 &lt;=199 replace povlev4_1819 =3 if fpl_i1 &gt;=200 &amp; fpl_i1 &lt;=399 replace povlev4_1819 =4 if fpl_i1 &gt;=400 label var povlev4_1819 "Income level of child's household" #delimit ; label define povlev4 1 "0-99% FPL" 2 "100%-199% FPL" 3 "200%-399% FPL" 4 "400% FPL or above" 99 "Missing" ;#delimit cr label values povlev4_1819 povlev4</pre>   |   |

| Income level of child's household - SCHIP (povSCHIP_1819)  |   |
|--|---|
| <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<br>Variable in public use data file: FPL (derived) |
| <b>Denominator</b>   | Children age 0-17 years   |
| <b>Numerator/Response Categories</b>   | Household income 0-199% FPL; Household income 200-299% FPL; Household income 300-399% 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 question about family income and number of family members. The poverty level variable had 15.3% (2018) – 17.6% (2019) missing values, which may result in biased estimates. Therefore, the missing values were imputed by the Census Bureau. The impact of missing values on population count estimates is available on the <a href="#">DRC website</a>.</p> <p>The 2018 and 2019 NSCH topical public use files provided by the Census Bureau contains 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_1819 in the DRC NSCH combined data set was generated using a single imputation value from the 2018 and 2019 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 combined data set for users who wish to estimate multiple imputed poverty level.</p> |   |
| <b>Revisions and Changes</b>   |   |
| There have been no substantive changes to this measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre>gen povSCHIP_1819 = replace povSCHIP_1819 =1 if fpl_i1 &gt;0 &amp; fpl_i1 &lt;=199 replace povSCHIP_1819 =2 if fpl_i1 &gt;=200 &amp; fpl_i1 &lt;=299 replace povSCHIP_1819 =3 if fpl_i1 &gt;=300 &amp; fpl_i1 &lt;=399 replace povSCHIP_1819 =4 if fpl_i1 &gt;=400 label var povSCHIP_1819 "Income level of child's household - SCHIP" #delimit ; label define povSCHIP 1 "0-199% FPL" 2 "200%-299% FPL" 3 "300%-399% FPL" 4 "400% FPL or above" 99 "Missing" ;#delimit cr label values povSCHIP_1819 povSCHIP</pre>  |   |

|   |  |
|---|--|
|   | <b>Highest education of adult in child’s household (AdultEduc_1819)</b>  |
| <b>Description</b>  | What is the highest education of adult(s) in this child’s household?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: J6/J18; for children 6-11 years: J6/J18; for children 12-17 years: J6/J18<br>Variables in public use data file: HIGRADE_TVIS (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_TVIS; if A2_GRADE is missing, only A1_GRADE is used for HIGRADE and HIGRADE_TVIS.                                    |  |
| <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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen AdultEduc_1819 = higrade_tvīs replace AdultEduc_1819 =99 if higrade_tvīs ==.m label var AdultEduc_1819 "Highest level of education among reported adults"  #delimit ; label define AdultEduc 1 "Less than high school" 2 "High school degree or GED" 3 "Some college or technical school" 4 "College degree or higher" 99 "Missing" ;#delimit cr label values AdultEduc_1819 AdultEduc</pre> |  |



| Children who were born in US (BornUSA_1819)   |  |
|---|--|
| <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<br>Variables in public use data file: BORNUSA |
| <b>Denominator</b>  | Children age 0-17 years  |
| <b>Numerator/Response Categories</b>  | Born in US; Born outside of US   |
| <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 since 2016.   |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen BornUSA_1819 = bornusa replace BornUSA_1819 =99 if bornusa ==.m label var BornUSA_1819 "Children who were born in US"  #delimit ; label define BornUSA 1 "Born in US" 2 "Born outside of US" 99 "Missing" ;#delimit cr label values BornUSA_1819 BornUSA</pre> |  |

|   |   |
|---|---|
|   | <b>Number of family members (FamCount_1819)</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<br>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 since 2016.   |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen FamCount_1819 = replace FamCount_1819 =1 if famcount ==1   famcount ==2 replace FamCount_1819 =2 if famcount ==3 replace FamCount_1819 =3 if famcount ==4 replace FamCount_1819 =4 if famcount ==5 replace FamCount_1819 =5 if famcount ==6   famcount ==7   famcount ==8 replace FamCount_1819 =99 if famcount ==.m label var FamCount_1819 "Number of family members in the household"  #delimit ; label define FamCount 1 "1 or 2 people" 2 "3 people" 3 "4 people" 4 "5 people" 5 "6 or more people" 99 "Missing" ;#delimit cr label values FamCount_1819 FamCount </pre> |   |

| Military status of adult(s) in the household (MilitarySt_1819)  |   |
|---|---|
| <b>Description</b>  | Has this child’s primary caregiver(s) ever served on active duty in the US Armed Forces, Reserves, or the National Guard?   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 0-5 years: J11/23; for children 6-11 years: J11/23; for children 12-17 years: J11/J23<br>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>STATA Syntax and Annotation</b>  |   |
| <pre>gen MilitarySt_1819 =. replace MilitarySt_1819 =1 if a1_active ==3   a2_active ==3 replace MilitarySt_1819 =2 if missing(MilitarySt_1819) &amp; (a1_active ==4   a2_active ==4) replace MilitarySt_1819 =3 if missing(MilitarySt_1819) &amp; (a1_active ==2   a2_active ==2) replace MilitarySt_1819 =99 if missing(MilitarySt_1819) &amp; (a1_active ==.m &amp; (a2_active ==.m   a2_active ==.l)) replace MilitarySt_1819 =4 if MilitarySt_1819 ==. label var MilitarySt_1819 "Military status of adult(s) in the household" #delimit ; label define MilitarySt 1 "Now on active duty" 2 "On active duty in the past, but not now" 3 "Only on active duty for training in the Reserves or National Guard" 4 "Never served in the military" 99 "Missing" ;#delimit cr label values MilitarySt_1819 MilitarySt</pre> |   |

## Title V MCH Block Grant Measures

### National Performance and Outcome Measures

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## National Performance Measures

|   |   |
|---|---|
| <b>NPM 6</b>  | <b>Developmental screening, age 9-35 months (npm6DSc_1819)</b>  |
| <b>Description</b>  | 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: C9 (2018), C7 (2019)<br>Variable in public use data file: K6Q12, K6Q13A, K6Q13B, K6Q14A, K6Q14B |
| <b>Denominator</b>  | Children age 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 contents are missing.</p> |   |
| <b>Revisions and Changes</b>  |   |
| There have been no substantive changes to this measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen both_9to23 = replace both_9to23 =2 if k6q12 == 2 &amp; sc_age_years &lt; 2 replace both_9to23 =2 if k6q13a ==2   k6q13b ==2 replace both_9to23 =1 if (k6q13a ==1   k6q13a ==.m) &amp; (k6q13b ==1   k6q13b ==.m) replace both_9to23 =99 if k6q13a ==.m &amp; k6q13b ==.m replace both_9to23 =90 if sc_age_years &gt; 1 &amp; sc_age_years &lt; 6 replace both_9to23 =90 if sc_age_lt9 ==1 replace both_9to23 =95 if sc_age_years &gt; 5 label var both_9to23 "Yes/screening occurred group - age 9-23 months"  #delimit ; label define both_9 1 "Yes to both/Yes to one and Missing to other" 2 "No to at least 1 type of content" 90 "Children age 0-8 months or 2-5 years"</pre>   |   |

```

95 "Children age 6-17 years"
99 "Missing to both types of content"
;#delimit cr
label values both_9to23 both_9
gen both_24to35 =.
replace both_24to35 =2 if k6q12 ==2 & sc_age_years ==2
replace both_24to35 =2 if k6q14a ==2 | k6q14b ==2
replace both_24to35 =1 if (k6q14a ==1 | k6q14a ==.m) & (k6q14b ==1 | k6q14b ==.m)
replace both_24to35 =99 if k6q14a ==.m & k6q14b ==.m
replace both_24to35 =90 if sc_age_years < 2 | (sc_age_years > 2 & sc_age_years < 6)
replace both_24to35 =95 if sc_age_years > 5
label var both_24to35 "Yes/screening occurred group - age 24-35 months"

#delimit ;
label define both_24
1 "Yes to both/Yes to one and Missing to other"
2 "No to at least 1 type of content"
90 "Children age 0-23 months or 3-5 years"
95 "Children age 6-17 years"
99 "Missing to both types of content"
;#delimit cr
label values both_24to35 both_24

gen DevScrnnng_1819 =.
replace DevScrnnng_1819 =1 if both_9to23 ==1 | both_24to35 ==1
replace DevScrnnng_1819 =2 if both_9to23 ==2 | both_24to35 ==2
replace DevScrnnng_1819 =99 if both_9to23 ==99 | both_24to35 ==99
replace DevScrnnng_1819 =99 if k6q12 ==.m
replace DevScrnnng_1819 =90 if sc_age_lt9 ==1 | (sc_age_years >2 & sc_age_years <6)
replace DevScrnnng_1819 =95 if sc_age_years >5
label var both_24to35 "Indicator 4.10: Percent of children who received developmental screening, age 9-35 months"

#delimit ;
label define DevScrnnng
1 "Completed developmental screening"
2 "Did not complete developmental screening"
90 "Children age 0-8 months or 3-5 years"
95 "Children age 6-17 years"
99 "Missing"
;#delimit cr
label values DevScrnnng_1819 DevScrnnng

gen npm6DSc_1819 = DevScrnnng_1819
label var npm6DSc_1819 "NPM 6: Developmental screening, age 9-35 months"

#delimit ;
label define npm6DSc

```

Title V Block Grant Measures: National Performance and Outcome Measures

```
1 "Parent completed developmental screening"  
2 "Parent did not complete developmental screening"  
90 "Children age 0-8 months or 3-5 years"  
95 "Children age 6-17 years"  
99 "Missing"  
;#delimit cr  
label values npm6DSc_1819 npm6DSc
```

Title V Block Grant Measures: National Performance and Outcome Measures

|   |  |
|---|--|
| <b>NPM 8.1</b>  | <b>Physical activity, age 6-11 years (npm8PhAc6to11_1819)</b>  |
| <b>Description</b>  | 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<br>Variable in public use data file: PHYSACTIV |
| <b>Denominator</b>  | Children age 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.  |  |
| <b>Revisions and Changes</b>  |  |
| There have been no substantive changes to this item/measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre> gen PhysAct_1819 = physactiv replace PhysAct_1819 = 95 if sc_age_years &lt;6 replace PhysAct_1819 = 99 if physactiv == .m replace PhysAct_1819 = 1 if physactiv == 1 replace PhysAct_1819 = 2 if physactiv == 2 replace PhysAct_1819 = 3 if physactiv == 3 replace PhysAct_1819 = 4 if physactiv == 4 label var PhysAct_1819 "Indicator 1.5: Physical activity, age 6-17 years"  #delimit ; label define PhysAct 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Everyday" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values PhysAct_1819 PhysAct  gen npm8PhAc6to11_1819 = PhysAct_1819 replace npm8PhAc6to11_1819 =95 if sc_age_years &lt;6 replace npm8PhAc6to11_1819 =90 if sc_age_years &gt;11 label var npm8PhAc6to11_1819 "NPM 8.1: Physical activity, age 6-11 years" </pre> |  |



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```
#delimit ;  
label define npm8PhAc6to11  
1 "0 days"  
2 "1-3 days"  
3 "4-6 days"  
4 "Everyday"  
90 "Children age 12-17 years"  
95 "Children age 0-5 years"  
99 "Missing"  
;#delimit cr  
label values npm8PhAc6to11_1819 npm8PhAc6to11
```

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|   |   |
|---|---|
| <b>NPM 8.2</b>  | <b>Physical activity, age 12-17 years (npm8PhAc12to17_1819)</b>   |
| <b>Description</b>  | 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<br>Variable in public use data file: PHYSACTIV |
| <b>Denominator</b>  | Children age 12-17 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 adolescents age 12-17 years.  |   |
| <b>Revisions and Changes</b>  |   |
| There have been no substantive changes to this item/measure since 2016.   |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen PhysAct_1819 = physactiv replace PhysAct_1819 = 95 if sc_age_years &lt;6 replace PhysAct_1819 = 99 if physactiv == .m replace PhysAct_1819 = 1 if physactiv == 1 replace PhysAct_1819 = 2 if physactiv == 2 replace PhysAct_1819 = 3 if physactiv == 3 replace PhysAct_1819 = 4 if physactiv == 4 label var PhysAct_1819 "Indicator 1.5: Physical activity, age 6-17 years"  #delimit ; label define PhysAct 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Everyday" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values PhysAct_1819 PhysAct  gen npm8PhAc12to17_1819 = PhysAct_1819 replace npm8PhAc12to17_1819 =95 if sc_age_years &lt;6 replace npm8PhAc12to17_1819 =90 if sc_age_years &gt;5 &amp; sc_age_years &lt;12 replace npm8PhAc12to17_1819 =99 if npm8PhAc12to17_1819 ==.m label var npm8PhAc12to17_1819 "NPM 8.2: Physical activity, age 12-17 years" </pre> |   |

```
#delimit ;  
label define npm8PhAc12to17  
1 "0 days"  
2 "1-3 days"  
3 "4-6 days"  
4 "Everyday"  
90 "Children age 6-11 years"  
95 "Children age 0-5 years"  
99 "Missing"  
;#delimit cr  
label values npm8PhAc12to17_1819 npm8PhAc12to17
```

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|   |   |
|---|---|
| <b>NPM 9</b>  | <b>Bullied, age 12-17 years (npm9bullied_1819)</b>  |
| <b>Description</b>  | Percent of adolescents, ages 12 through 17, who are bullied   |
| <b>Survey Items Used</b>  | Survey instrument item number for children 12-17 years: A4<br>Variable in public use data file: BULLIED_R |
| <b>Denominator</b>  | Children age 12-17 years  |
| <b>Numerator/Response Categories</b>  | Bullied; Never bullied  |
| <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?".   |   |
| <b>Revisions and Changes</b>  |   |
| There have been changes in this item or 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen bullied_1819 = bullied replace bullied_1819 =99 if bullied_r ==.m replace bullied_1819 =95 if sc_age_years &lt;6 label var bullied_1819 "Indicator 2.2: Children who are bullied by other children, age 6-17 years"  #delimit ; label define bullied 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" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values bullied_1819 bullied  gen npm9bullied_1819 =. replace npm9bullied_1819 =1 if bullied_1819 ==2   bullied_1819 ==3   bullied_1819 ==4   bullied_1819 ==5 replace npm9bullied_1819 =2 if bullied_1819 ==1 replace npm9bullied_1819 =99 if bullied_1819 ==99 replace npm9bullied_1819 =90 if sc_age_years &lt;12 replace npm9bullied_1819 =95 if sc_age_years &lt;6 label var npm9bullied_1819 "NPM 9: Bullied, age 12-17 years" </pre> |   |

```
#delimit ;  
label define npm9bullied  
1 "At any time (in the past 12 months)"  
2 "Never (in the past 12 months)"  
90 "Children age 6-11 years"  
95 "Children age 0-5 years"  
99 "Missing"  
;#delimit cr  
label values npm9bullied_1819 npm9bullied
```

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|   |   |
|---|---|
| <b>NPM 9</b>  | <b>Bullied others, age 12-17 years (npm9bully_1819)</b>   |
| <b>Description</b>  | Percent of adolescents, ages 12 through 17 years, who bullied others                                  |
| <b>Survey Items Used</b>  | Survey instrument item number for children 12-17 years: A5<br>Variable in public use data file: BULLY |
| <b>Denominator</b>  | Children age 12-17 years  |
| <b>Numerator/Response Categories</b>  | Bullied others; Never bullied   |
| <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?".   |   |
| <b>Revisions and Changes</b>  |   |
| There have been changes in this item or 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen bully_1819 = bully replace bully_1819 =99 if bully ==.m replace bully_1819 =95 if sc_age_years &lt;6 label var bully_1819 "Indicator 2.1: Children bully others, pick on them or exclude them, age 6-17 years"  #delimit ; label define bully 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" 95 "Children age 0-5 years" 99 "Missing" ;#delimit cr label values bully_1819 bully  gen npm9bully_1819 =. replace npm9bully_1819 =1 if bully_1819 ==2   bully_1819 ==3   bully_1819 ==4   bully_1819 ==5 replace npm9bully_1819 =2 if bully_1819 ==1 replace npm9bully_1819 =99 if bully_1819 ==99 replace npm9bully_1819 =90 if sc_age_years &lt;12 replace npm9bully_1819 =95 if sc_age_years &lt;6 label var npm9bully_1819 "NPM 9: Bullied others, age 12-17 years"  #delimit ; </pre> |   |

```
label define npm9bully  
1 "At any time (in the past 12 months)"  
2 "Never (in the past 12 months)"  
90 "Children age 6-11 years"  
95 "Children age 0-5 years"  
99 "Missing"  
;#delimit cr  
label values npm9bully_1819 npm9bully
```

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|  |  |
|--|--|
| <b>NPM 11</b>  | <b>Medical home, children with special health care needs (CSHCN) (npm11MHCSHCN_1819)</b>   |
| <b>Description</b>   | 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: C10(2018), C11(2018); for children 6-11 years: C8(2018), C9(2018), C8(2018), C9 (2019), D1-D12; for children 12-17 years: C9(2018), C10(2018),<br>Variables in public use data file: K4Q01, K4Q02_R, K4Q04_R, K5Q10, K5Q11, K5Q20_R, K5Q21, K5Q22, K5Q30, K5Q31_R, K5Q32, K5Q40, , K5Q42, K5Q43, K5Q44 |
| <b>Denominator</b>   | Children with special health care needs age 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 2018 and 2019 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_1819)</li> <li>- Usual source for sick care (Indicator 4.12b: UsualSck_1819)</li> <li>- Family-centered care (Indicator 4.12c: FamCent_1819)</li> <li>- Problems getting needed referrals (Indicator 4.12d: NoRefPrb_1819)</li> <li>- Effective Care Coordination when needed (Indicator 4.12e: CareCoor_1819).</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 on the Data Resource Center Medical Home portal. The medical home manual developed by the CAHMI is available on the DRC website.</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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p> <p>Even though there were changes in items, the concept of medical overall was not changed since 2016.</p>   |  |
| <b>STATA Syntax and Annotation</b>   |  |
| gen PerDrNs_1819 =.  |  |



```
replace PerDrNs_1819 =1 if k4q04_r ==1 | k4q04_r ==2
replace PerDrNs_1819 =2 if missing(PerDrNs_1819) & k4q04_r ==3
replace PerDrNs_1819 =99 if missing(PerDrNs_1819) & k4q04_r ==.m
label var PerDrNs_1819 "Indicator 4.12a: MH Component: Children with a personal doctor or nurse"
```

```
#delimit ;
label define PerDrNs
1 "Yes, have at least one personal doctor or nurse"
2 "Do not have a personal doctor or nurse"
99 "Missing"
;#delimit cr
label values PerDrNs_1819 PerDrNs
```

```
gen UsualSck_1819 =.
replace UsualSck_1819 =1 if k4q01 ==1 & (k4q02_r ==1 | k4q02_r ==3 | k4q02_r ==4 | k4q02_r ==5 |
k4q02_r ==6 | k4q02_r ==7)
replace UsualSck_1819 =2 if missing(UsualSck_1819) & (k4q01 ==2 | k4q02 ==2)
replace UsualSck_1819 =99 if missing(UsualSck_1819) & (k4q01 ==.m | k4q02 ==.m)
label var UsualSck_1819 "Indicator 4.12b: MH Component: Usual source for sick care"
```

```
#delimit ;
label define UsualSck
1 "Have usual sources for sick care"
2 "Do not have usual sources for sick care"
99 "Missing"
;#delimit cr
label values UsualSck_1819 UsualSck
```

```
gen time_1819 =.
replace time_1819 =99 if k5q40 ==.m
replace time_1819 =0 if missing(time_1819) & k5q40 ==.l
replace time_1819 =1 if missing(time_1819) & k5q40 ==1
replace time_1819 =2 if missing(time_1819) & k5q40 ==2
replace time_1819 =3 if missing(time_1819) & (k5q40 ==3 | k5q40 ==4)
label var time_1819 "Doctors spent enough time with children"
```

```
gen listen_1819 =.
replace listen_1819 =99 if k5q41 ==.m
replace listen_1819 =0 if missing(listen_1819) & k5q41 ==.l
replace listen_1819 =1 if missing(listen_1819) & k5q41 ==1
replace listen_1819 =2 if missing(listen_1819) & k5q41 ==2
replace listen_1819 =3 if missing(listen_1819) & (k5q41 ==3 | k5q41 ==4)
label var listen_1819 "Doctors listened carefully"
```

```
gen sensitiv_1819 =.
replace sensitiv_1819 =99 if k5q42 ==.m
replace sensitiv_1819 =0 if missing(sensitiv_1819) & k5q42 ==.l
replace sensitiv_1819 =1 if missing(sensitiv_1819) & k5q42 ==1
```

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```

replace sensitiv_1819 =2 if missing(sensitiv_1819) & k5q42 ==2
replace sensitiv_1819 =3 if missing(sensitiv_1819) & (k5q42 ==3 | k5q42 ==4)
label var sensitiv_1819 "Doctors showed sensitivity to children's family's values and customs"

gen info_1819 =.
replace info_1819 =99 if k5q43 ==.m
replace info_1819 =0 if missing(info_1819) & k5q43 ==.l
replace info_1819 =1 if missing(info_1819) & k5q43 ==1
replace info_1819 =2 if missing(info_1819) & k5q43 ==2
replace info_1819 =3 if missing(info_1819) & (k5q43 ==3 | k5q43 ==4)
label var info_1819 "Doctors provided information specific to parents' concerns"

gen partner_1819 =.
replace partner_1819 =99 if k5q44 ==.m
replace partner_1819 =0 if missing(partner_1819) & k5q44 ==.l
replace partner_1819 =1 if missing(partner_1819) & k5q44 ==1
replace partner_1819 =2 if missing(partner_1819) & k5q44 ==2
replace partner_1819 =3 if missing(partner_1819) & (k5q44 ==3 | k5q44 ==4)
label var partner_1819 "Doctors helped parents feel like partners in child's care"

local varlist time_1819 listen_1819 sensitiv_1819 info_1819 partner_1819
foreach var of local varlist {

label define `var' 0 "Did not have health care visit in the past 12 months" 1 "Always" 2 "Usually" 3
"Sometimes or never" 99 "Missing", modify
label values `var' `var'
}

foreach var of varlist time_1819 listen_1819 sensitiv_1819 info_1819 partner_1819{
label define `var' 0 "Did not have health care visit in the past 12 months" 1 "Always" 2 "Usually" 3
"Sometimes or never" 99 "Missing", modify
label values `var' `var'
}

gen FamCent_1819 =.
replace FamCent_1819 =99 if time_1819 ==99 & listen_1819 ==99 & sensitiv_1819 ==99 & info_1819
==99 & partner_1819 ==99
replace FamCent_1819 =0 if missing(FamCent_1819) & time_1819 ==0
replace FamCent_1819 =1 if missing(FamCent_1819) & (time_1819 ==1 | time_1819 ==2 | time_1819
==99) & (listen_1819 ==1 | listen_1819 ==2 | listen_1819 ==99) & (sensitiv_1819 ==1 | sensitiv_1819 ==2
| sensitiv_1819 ==99) & (info_1819 ==1 | info_1819 ==2 | info_1819 ==99) & (partner_1819 ==1 |
partner_1819 ==2 | partner_1819 ==99)
replace FamCent_1819 =2 if missing(FamCent_1819) & (time_1819 ==3 | time_1819 ==99 |
FamCent_1819 ==.) & (listen_1819 ==3 | listen_1819 ==99 | FamCent_1819 ==.) & (sensitiv_1819 ==3 |
sensitiv_1819 ==99 | FamCent_1819 ==.) & (info_1819 ==3 | info_1819 ==99 | FamCent_1819 ==.) &
(partner_1819 ==3 | partner_1819 ==99 | FamCent_1819 ==.)
label var FamCent_1819 "Indicator 4.12c: MH Component: Children who received family-centered care"

```

```

#delimit ;
label define FamCent
0 "Did not have health care visits"
1 "Received family-centered care"
2 "Did not receive family-centered care"
99 "Missing to all"
;#delimit cr
label values FamCent_1819 FamCent

gen NoRefPrb_1819 =.
replace NoRefPrb_1819 =0 if k5q10 ==2
replace NoRefPrb_1819 =99 if missing(NoRefPrb_1819) & k5q10 ==.m
replace NoRefPrb_1819 =4 if missing(NoRefPrb_1819) & k5q11 ==4
replace NoRefPrb_1819 =3 if missing(NoRefPrb_1819) & k5q11 ==3
replace NoRefPrb_1819 =2 if missing(NoRefPrb_1819) & k5q11 ==2
replace NoRefPrb_1819 =1 if missing(NoRefPrb_1819) & k5q11 ==1
replace NoRefPrb_1819 =99 if missing(NoRefPrb_1819) & k5q11 ==.m
label var NoRefPrb_1819 "Indicator 4.12d: MH Component: Difficulties getting referrals"

#delimit ;
label define NoRefPrb
0 "Did not need referrals"
1 "Not difficult"
2 "Somewhat difficult"
3 "Very difficult"
4 "It was not possible to obtain care"
99 "Missing to all"
;#delimit cr
label values NoRefPrb_1819 NoRefPrb

gen DrComm_1819 =.
replace DrComm_1819 =0 if k5q20_r ==3 | s4q01 ==2
replace DrComm_1819 =99 if missing(DrComm_1819) & k5q30 ==.m
replace DrComm_1819 =1 if missing(DrComm_1819) & k5q30 ==1
replace DrComm_1819 =2 if missing(DrComm_1819) & k5q30 ==2
replace DrComm_1819 =3 if missing(DrComm_1819) & (k5q30 ==3 | k5q30 ==4)
replace DrComm_1819 =0 if missing(DrComm_1819) & k5q30 ==.l
label var DrComm_1819 "Satisfaction with communication among child's doctor"

#delimit ;
label define DrComm
0 "Did not see more than one doctor"
1 "Very satisfied"
2 "Somewhat satisfied"
3 "Somewhat or very dissatisfied"
99 "Missing"
;#delimit cr
label values DrComm_1819 DrComm

```

```

gen CareHelp_1819 =.
replace CareHelp_1819 =99 if s4q01 ==.m
replace CareHelp_1819 =0 if missing(CareHelp_1819) & (k5q20_r ==3 | s4q01 ==2)
replace CareHelp_1819 =0 if missing(CareHelp_1819) & (k5q20_r ==2 & k5q21 ==2)
replace CareHelp_1819 =99 if missing(CareHelp_1819) & (k5q20_r ==.m & k5q21 ==2)
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q20_r ==.m
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q21 ==.m
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q22 ==.m
replace CareHelp_1819 =1 if missing(CareHelp_1819) & (k5q20_r ==1 & k5q21 ==2)
replace CareHelp_1819 =1 if missing(CareHelp_1819) & k5q22 ==1
replace CareHelp_1819 =2 if missing(CareHelp_1819) & (k5q22 ==2 | k5q22 ==3)
label var CareHelp_1819 "Got all needed extra help with care coordination when needed"

#delimit ;
label define CareHelp
0 "Did not need care coordination"
1 "Got all needed extra help"
2 "Needed extra help/did not get it"
99 "Missing"
;#delimit cr
label values CareHelp_1819 CareHelp

gen OthComm_1819 =.
replace OthComm_1819 =0 if k5q31_r ==2 | k5q31_r ==3
replace OthComm_1819 =99 if missing(OthComm_1819) & k5q31_r ==.m
replace OthComm_1819 =1 if missing(OthComm_1819) & k5q32 ==1
replace OthComm_1819 =2 if missing(OthComm_1819) & (k5q32 ==2 | k5q32 ==3 | k5q32 ==4)
replace OthComm_1819 =99 if missing(OthComm_1819) & k5q32 ==.m
replace OthComm_1819 =0 if missing(OthComm_1819) & k5q32 ==.l
label var OthComm_1819 "Satisfaction with communication among child's doctors and school, etc."

#delimit ;
label define OthComm
0 "No communication needed/did not occur"
1 "Very satisfied"
2 "Less than very satisfied"
99 "Missing to either item"
;#delimit cr

label values OthComm_1819 OthComm

gen CareCoor_1819 =.
replace CareCoor_1819 =99 if CareHelp_1819 ==99 & DrComm_1819 ==99 & OthComm_1819 ==99
replace CareCoor_1819 =0 if missing(CareCoor_1819) & (CareHelp_1819 ==0 | CareHelp_1819 ==99) &
(DrComm_1819 ==0 | DrComm_1819 ==99) & (OthComm_1819 ==0 | OthComm_1819 ==99)

```

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```

replace CareCoor_1819 =1 if missing(CareCoor_1819) & (CareHelp_1819 ==1 | CareHelp_1819 ==0 |
CareHelp_1819 ==99) & (DrComm_1819 ==1 | DrComm_1819 ==0 | DrComm_1819 ==99) &
(OthComm_1819 ==1 | OthComm_1819 ==0 | OthComm_1819 ==99)
replace CareCoor_1819 =2 if missing(CareCoor_1819) & (CareHelp_1819 ==2 | CareHelp_1819 ==99 |
CareCoor_1819==.) & (DrComm_1819 ==2 | DrComm_1819 ==99 | CareCoor_1819==.) &
(OthComm_1819 ==2 | OthComm_1819 ==99 | CareCoor_1819==.)
label var CareCoor_1819 "Indicator 4.12e: Medical MH: Effective care coordination, all children"

```

```

#delimit ;
label define CareCoor
0 "Did not need care coordination"
1 "Received needed care coordination"
2 "Did not receive needed care coordination"
99 "Missing to all"
;#delimit cr
label values CareCoor_1819 CareCoor

```

```

gen MedHome_1819 =0
replace MedHome_1819 =2 if PerDrNs_1819 ==2 | UsualSck_1819 ==2 |(NoRefPrb_1819 ==2 |
NoRefPrb_1819 ==3 | NoRefPrb_1819 ==4) | FamCent_1819 ==2 | CareCoor_1819 ==2
replace MedHome_1819 =1 if (PerDrNs_1819 ==1 | PerDrNs_1819 ==99) & (UsualSck_1819 ==1 |
UsualSck_1819 ==99) & (NoRefPrb_1819 ==1 | NoRefPrb_1819 ==0 | NoRefPrb_1819 ==99) &
(FamCent_1819 ==1 | FamCent_1819 ==0 | FamCent_1819 ==99) & (CareCoor_1819 ==1 |
CareCoor_1819 ==0 | CareCoor_1819 ==99)
replace MedHome_1819 =99 if PerDrNs_1819 ==99 & UsualSck_1819 ==99 & (NoRefPrb_1819 ==0 |
NoRefPrb_1819 ==99) & (FamCent_1819 ==0 | FamCent_1819 ==99) & (CareCoor_1819 ==0 |
CareCoor_1819 ==99)
label var MedHome_1819 "Indicator 4.12: Children who receive coordinated, ongoing, comprehensive
care within a medical home"

```

```

#delimit ;
label define MedHome
1 "Care met medical home criteria"
2 "Care did not meet medical home criteria"
99 "Missing to all"
;#delimit cr
label values MedHome_1819 MedHome

```

```

gen npm11MHCSHCN_1819 = MedHome_1819
replace npm11MHCSHCN_1819 =90 if sc_cshcn==2
label var npm11MHCSHCN_1819 "NPM 11: Medical home, children with special health care needs
(CSHCN)"

```

```

#delimit ;
label define npm11MHCSHCN
1 "Care meets medical home criteria"
2 "Care does not meet medical home criteria"
90 "Non-CSHCN"

```

```
99 "Missing"  
;#delimit cr  
label values npm11MHCSHCN_1819 npm11MHCSHCN
```

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|   |   |
|---|---|
| <b>NPM 11</b>   | <b>Medical home, children without special health care needs (Non-CSHCN) (npm11MHnonCSHCN_1819)</b>  |
| <b>Description</b>  | 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: C10(2018), C11(2018), C8(2019),C9(2019), D1- D4(a-e), D7-D12; for children 6-11 years: C8,C9,D1-D4(a-e), D7-D12; for children 12-17 years: C9,C10, D1- D4(a-e), D7-D12<br>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 age 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 2018 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_1819)</li> <li>- Usual source for sick care (Indicator 4.12b: UsualSck_1819)</li> <li>- Family-centered care (Indicator 4.12c: FamCent_1819)</li> <li>- Problems getting needed referrals (Indicator 4.12d: NoRefPrb_1819)</li> <li>- Effective Care Coordination when needed (Indicator 4.12e: CareCoor_1819).</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 on the Data Resource Center Medical Home portal. The medical home manual developed by the CAHMI is available on the DRC website.</p> |   |
| <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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p> <p>Even though there were changes in items, the concept of medical overall was not changed since 2016.</p>  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <p> </p>  |   |

```

gen PerDrNs_1819 =.
replace PerDrNs_1819 =1 if k4q04_r ==1 | k4q04_r ==2
replace PerDrNs_1819 =2 if missing(PerDrNs_1819) & k4q04_r ==3
replace PerDrNs_1819 =99 if missing(PerDrNs_1819) & k4q04_r ==.m
label var PerDrNs_1819 "Indicator 4.12a: MH Component: Children with a personal doctor or nurse"

#delimit ;
label define PerDrNs
1 "Yes, have at least one personal doctor or nurse"
2 "Do not have a personal doctor or nurse"
99 "Missing"
;#delimit cr
label values PerDrNs_1819 PerDrNs

gen UsualSck_1819 =.
replace UsualSck_1819 =1 if k4q01 ==1 & (k4q02_r ==1 | k4q02_r ==3 | k4q02_r ==4 | k4q02_r ==5 |
k4q02_r ==6 | k4q02_r ==7)
replace UsualSck_1819 =2 if missing(UsualSck_1819) & (k4q01 ==2 | k4q02 ==2)
replace UsualSck_1819 =99 if missing(UsualSck_1819) & (k4q01 ==.m | k4q02 ==.m)
label var UsualSck_1819 "Indicator 4.12b: MH Component: Usual source for sick care"

#delimit ;
label define UsualSck
1 "Have usual sources for sick care"
2 "Do not have usual sources for sick care"
99 "Missing"
;#delimit cr
label values UsualSck_1819 UsualSck

gen time_1819 =.
replace time_1819 =99 if k5q40 ==.m
replace time_1819 =0 if missing(time_1819) & k5q40 ==.l
replace time_1819 =1 if missing(time_1819) & k5q40 ==1
replace time_1819 =2 if missing(time_1819) & k5q40 ==2
replace time_1819 =3 if missing(time_1819) & (k5q40 ==3 | k5q40 ==4)
label var time_1819 "Doctors spent enough time with children"

gen listen_1819 =.
replace listen_1819 =99 if k5q41 ==.m
replace listen_1819 =0 if missing(listen_1819) & k5q41 ==.l
replace listen_1819 =1 if missing(listen_1819) & k5q41 ==1
replace listen_1819 =2 if missing(listen_1819) & k5q41 ==2
replace listen_1819 =3 if missing(listen_1819) & (k5q41 ==3 | k5q41 ==4)
label var listen_1819 "Doctors listened carefully"

gen sensitiv_1819 =.
replace sensitiv_1819 =99 if k5q42 ==.m
replace sensitiv_1819 =0 if missing(sensitiv_1819) & k5q42 ==.l

```



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```

replace sensitiv_1819 =1 if missing(sensitiv_1819) & k5q42 ==1
replace sensitiv_1819 =2 if missing(sensitiv_1819) & k5q42 ==2
replace sensitiv_1819 =3 if missing(sensitiv_1819) & (k5q42 ==3 | k5q42 ==4)
label var sensitiv_1819 "Doctors showed sensitivity to children's family's values and customs"

gen info_1819 =.
replace info_1819 =99 if k5q43 ==.m
replace info_1819 =0 if missing(info_1819) & k5q43 ==.l
replace info_1819 =1 if missing(info_1819) & k5q43 ==1
replace info_1819 =2 if missing(info_1819) & k5q43 ==2
replace info_1819 =3 if missing(info_1819) & (k5q43 ==3 | k5q43 ==4)
label var info_1819 "Doctors provided information specific to parents' concerns"

gen partner_1819 =.
replace partner_1819 =99 if k5q44 ==.m
replace partner_1819 =0 if missing(partner_1819) & k5q44 ==.l
replace partner_1819 =1 if missing(partner_1819) & k5q44 ==1
replace partner_1819 =2 if missing(partner_1819) & k5q44 ==2
replace partner_1819 =3 if missing(partner_1819) & (k5q44 ==3 | k5q44 ==4)
label var partner_1819 "Doctors helped parents feel like partners in child's care"

local varlist time_1819 listen_1819 sensitiv_1819 info_1819 partner_1819
foreach var of local varlist {

label define `var' 0 "Did not have health care visit in the past 12 months" 1 "Always" 2 "Usually" 3
"Sometimes or never" 99 "Missing", modify
label values `var' `var'
}

foreach var of varlist time_1819 listen_1819 sensitiv_1819 info_1819 partner_1819{
label define `var' 0 "Did not have health care visit in the past 12 months" 1 "Always" 2 "Usually" 3
"Sometimes or never" 99 "Missing", modify
label values `var' `var'
}

gen FamCent_1819 =.
replace FamCent_1819 =99 if time_1819 ==99 & listen_1819 ==99 & sensitiv_1819 ==99 & info_1819
==99 & partner_1819 ==99
replace FamCent_1819 =0 if missing(FamCent_1819) & time_1819 ==0
replace FamCent_1819 =1 if missing(FamCent_1819) & (time_1819 ==1 | time_1819 ==2 | time_1819
==99) & (listen_1819 ==1 | listen_1819 ==2 | listen_1819 ==99) & (sensitiv_1819 ==1 | sensitiv_1819 ==2
| sensitiv_1819 ==99) & (info_1819 ==1 | info_1819 ==2 | info_1819 ==99) & (partner_1819 ==1 |
partner_1819 ==2 | partner_1819 ==99)
replace FamCent_1819 =2 if missing(FamCent_1819) & (time_1819 ==3 | time_1819 ==99 |
FamCent_1819 ==.) & (listen_1819 ==3 | listen_1819 ==99 | FamCent_1819 ==.) & (sensitiv_1819 ==3 |
sensitiv_1819 ==99 | FamCent_1819 ==.) & (info_1819 ==3 | info_1819 ==99 | FamCent_1819 ==.) &
(partner_1819 ==3 | partner_1819 ==99 | FamCent_1819 ==.)
label var FamCent_1819 "Indicator 4.12c: MH Component: Children who received family-centered care"

```

```

#delimit ;
label define FamCent
0 "Did not have health care visits"
1 "Received family-centered care"
2 "Did not receive family-centered care"
99 "Missing to all"
;#delimit cr
label values FamCent_1819 FamCent

gen NoRefPrb_1819 =.
replace NoRefPrb_1819 =0 if k5q10 ==2
replace NoRefPrb_1819 =99 if missing(NoRefPrb_1819) & k5q10 ==.m
replace NoRefPrb_1819 =4 if missing(NoRefPrb_1819) & k5q11 ==4
replace NoRefPrb_1819 =3 if missing(NoRefPrb_1819) & k5q11 ==3
replace NoRefPrb_1819 =2 if missing(NoRefPrb_1819) & k5q11 ==2
replace NoRefPrb_1819 =1 if missing(NoRefPrb_1819) & k5q11 ==1
replace NoRefPrb_1819 =99 if missing(NoRefPrb_1819) & k5q11 ==.m
label var NoRefPrb_1819 "Indicator 4.12d: MH Component: Difficulties getting referrals"

#delimit ;
label define NoRefPrb
0 "Did not need referrals"
1 "Not difficult"
2 "Somewhat difficult"
3 "Very difficult"
4 "It was not possible to obtain care"
99 "Missing to all"
;#delimit cr
label values NoRefPrb_1819 NoRefPrb

gen DrComm_1819 =.
replace DrComm_1819 =0 if k5q20_r ==3 | s4q01 ==2
replace DrComm_1819 =99 if missing(DrComm_1819) & k5q30 ==.m
replace DrComm_1819 =1 if missing(DrComm_1819) & k5q30 ==1
replace DrComm_1819 =2 if missing(DrComm_1819) & k5q30 ==2
replace DrComm_1819 =3 if missing(DrComm_1819) & (k5q30 ==3 | k5q30 ==4)
replace DrComm_1819 =0 if missing(DrComm_1819) & k5q30 ==.l
label var DrComm_1819 "Satisfaction with communication among child's doctor"

#delimit ;
label define DrComm
0 "Did not see more than one doctor"
1 "Very satisfied"
2 "Somewhat satisfied"
3 "Somewhat or very dissatisfied"
99 "Missing"
;#delimit cr

```

```

label values DrComm_1819 DrComm

gen CareHelp_1819 =.
replace CareHelp_1819 =99 if s4q01 ==.m
replace CareHelp_1819 =0 if missing(CareHelp_1819) & (k5q20_r ==3 | s4q01 ==2)
replace CareHelp_1819 =0 if missing(CareHelp_1819) & (k5q20_r ==2 & k5q21 ==2)
replace CareHelp_1819 =99 if missing(CareHelp_1819) & (k5q20_r ==.m & k5q21 ==2)
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q20_r ==.m
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q21 ==.m
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q22 ==.m
replace CareHelp_1819 =1 if missing(CareHelp_1819) & (k5q20_r ==1 & k5q21 ==2)
replace CareHelp_1819 =1 if missing(CareHelp_1819) & k5q22 ==1
replace CareHelp_1819 =2 if missing(CareHelp_1819) & (k5q22 ==2 | k5q22 ==3)
label var CareHelp_1819 "Got all needed extra help with care coordination when needed"

#delimit ;
label define CareHelp
0 "Did not need care coordination"
1 "Got all needed extra help"
2 "Needed extra help/did not get it"
99 "Missing"
;#delimit cr
label values CareHelp_1819 CareHelp

gen OthComm_1819 =.
replace OthComm_1819 =0 if k5q31_r ==2 | k5q31_r ==3
replace OthComm_1819 =99 if missing(OthComm_1819) & k5q31_r ==.m
replace OthComm_1819 =1 if missing(OthComm_1819) & k5q32 ==1
replace OthComm_1819 =2 if missing(OthComm_1819) & (k5q32 ==2 | k5q32 ==3 | k5q32 ==4)
replace OthComm_1819 =99 if missing(OthComm_1819) & k5q32 ==.m
replace OthComm_1819 =0 if missing(OthComm_1819) & k5q32 ==.l
label var OthComm_1819 "Satisfaction with communication among child's doctors and school, etc."

#delimit ;
label define OthComm
0 "No communication needed/did not occur"
1 "Very satisfied"
2 "Less than very satisfied"
99 "Missing to either item"
;#delimit cr

label values OthComm_1819 OthComm

gen CareCoor_1819 =.
replace CareCoor_1819 =99 if CareHelp_1819 ==99 & DrComm_1819 ==99 & OthComm_1819 ==99
replace CareCoor_1819 =0 if missing(CareCoor_1819) & (CareHelp_1819 ==0 | CareHelp_1819 ==99) &
(DrComm_1819 ==0 | DrComm_1819 ==99) & (OthComm_1819 ==0 | OthComm_1819 ==99)

```

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```

replace CareCoor_1819 =1 if missing(CareCoor_1819) & (CareHelp_1819 ==1 | CareHelp_1819 ==0 |
CareHelp_1819 ==99) & (DrComm_1819 ==1 | DrComm_1819 ==0 | DrComm_1819 ==99) &
(OthComm_1819 ==1 | OthComm_1819 ==0 | OthComm_1819 ==99)
replace CareCoor_1819 =2 if missing(CareCoor_1819) & (CareHelp_1819 ==2 | CareHelp_1819 ==99 |
CareCoor_1819==.) & (DrComm_1819 ==2 | DrComm_1819 ==99 | CareCoor_1819==.) &
(OthComm_1819 ==2 | OthComm_1819 ==99 | CareCoor_1819==.)
label var CareCoor_1819 "Indicator 4.12e: Medical MH: Effective care coordination, all children"

#delimit ;
label define CareCoor
0 "Did not need care coordination"
1 "Received needed care coordination"
2 "Did not receive needed care coordination"
99 "Missing to all"
;#delimit cr
label values CareCoor_1819 CareCoor

gen MedHome_1819 =0
replace MedHome_1819 =2 if PerDrNs_1819 ==2 | UsualSck_1819 ==2 |(NoRefPrb_1819 ==2 |
NoRefPrb_1819 ==3 | NoRefPrb_1819 ==4) | FamCent_1819 ==2 | CareCoor_1819 ==2
replace MedHome_1819 =1 if (PerDrNs_1819 ==1 | PerDrNs_1819 ==99) & (UsualSck_1819 ==1 |
UsualSck_1819 ==99) & (NoRefPrb_1819 ==1 | NoRefPrb_1819 ==0 | NoRefPrb_1819 ==99) &
(FamCent_1819 ==1 | FamCent_1819 ==0 | FamCent_1819 ==99) & (CareCoor_1819 ==1 |
CareCoor_1819 ==0 | CareCoor_1819 ==99)
replace MedHome_1819 =99 if PerDrNs_1819 ==99 & UsualSck_1819 ==99 & (NoRefPrb_1819 ==0 |
NoRefPrb_1819 ==99) & (FamCent_1819 ==0 | FamCent_1819 ==99) & (CareCoor_1819 ==0 |
CareCoor_1819 ==99)
label var MedHome_1819 "Indicator 4.12: Children who receive coordinated, ongoing, comprehensive
care within a medical home"

#delimit ;
label define MedHome
1 "Care met medical home criteria"
2 "Care did not meet medical home criteria"
99 "Missing to all"
;#delimit cr
label values MedHome_1819 MedHome

gen npm11MHnonCSHCN_1819 = MedHome_1819
replace npm11MHnonCSHCN_1819 =90 if sc_cshcn ==1
label var npm11MHnonCSHCN_1819 "NPM 11: Medical home, children without special health care needs
(Non-CSHCN)"

#delimit ;
label define npm11MHnCSHCN
1 "Care meets medical home criteria"
2 "Care does not meet medical home criteria"
90 "CSHCN"

```

```
99 "Missing"  
;#delimit cr  
label values npm11MHnonCSHCN_1819 npm11MHnCSHCN
```

|   |   |
|---|---|
| <b>NPM 12</b>   | <b>Transition to adult health care, CSHCN age 12-17 years (npm12TransCSHCN_1819)</b>  |
| <b>Description</b>  | 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, D15(b-c)<br>Variable name in public use data file: DOCPRIVATE, CHANGEAGE, GAINSKILLS, TREATCHILD, TREATADULT |
| <b>Denominator</b>  | Children with special health care needs age 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>   |   |
| <p>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 healthcare in the 2018 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.</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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p> <p>Even though there were changes in items, the overall measure is comparable across years.</p>   |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen TimeAlone_1819 =. replace TimeAlone_1819 =1 if docprivate ==1 replace TimeAlone_1819 =2 if docprivate ==2 replace TimeAlone_1819 =2 if s4q01 ==2 replace TimeAlone_1819 =99 if docprivate ==.m   s4q01 ==.m replace TimeAlone_1819 =95 if sc_age_years &lt;12 label var TimeAlone_1819 "Time alone with health care provider, age 12-17 years"  #delimit ; label define TimeAlone 1 "Had time alone with provider" 2 "No time alone with provider or no visit" 95 "Children age 0-11 years" 99 "Missing"</pre>   |   |

```

;#delimit cr
label values TimeAlone_1819 TimeAlone
gen ActiveWork_1819 =.
replace ActiveWork_1819 =1 if changeage ==1 | gainskills ==1
replace ActiveWork_1819 =2 if missing(ActiveWork_1819) & (changeage ==2 | gainskills ==2)
replace ActiveWork_1819 =99 if missing(ActiveWork_1819) & (changeage ==3 | changeage ==.m) &
(gainskills ==3 | gainskills ==.m)
replace ActiveWork_1819 =95 if missing(ActiveWork_1819) & sc_age_years <12
label var ActiveWork_1819 "Actively worked with the child to manage care transition, age 12-17 years"
;#delimit ;
label define ActiveWork
1 "Provider worked with the child"
2 "Provider did not work with the child"
90 "Children age 0-11 years"
99 "Missing/Don't know to all"
;#delimit cr
label values ActiveWork_1819 ActiveWork

gen TrtAdult_1819 =.
replace TrtAdult_1819 =1 if treatchild ==1 & treatadult ==1
replace TrtAdult_1819 =2 if missing(TrtAdult_1819) & (treatchild ==1 & treatadult ==2)
replace TrtAdult_1819 =90 if missing(TrtAdult_1819) & treatchild ==2
replace TrtAdult_1819 =99 if missing(TrtAdult_1819) & (treatchild ==.m | treatadult ==.m)
replace TrtAdult_1819 =95 if sc_age_years <12
label var TrtAdult_1819 "Provider discussed shift to adult health care providers, age 12-17 years"

;#delimit ;
label define TrtAdult
1 "Yes"
2 "No"
90 "Legit skip: discussion not needed, etc."
95 "Children age 0-11 years"
99 "Missing"
;#delimit cr
label values TrtAdult_1819 TrtAdult

gen Transition_1819 =.
replace Transition_1819 =1 if (TimeAlone_1819 ==1 | TimeAlone_1819 ==99) & (ActiveWork_1819 ==1 |
ActiveWork_1819 ==99) & (TrtAdult_1819 ==1 | TrtAdult_1819 ==99 | TrtAdult_1819 ==90)
replace Transition_1819 =2 if TimeAlone_1819 ==2 | ActiveWork_1819 ==2 | TrtAdult_1819 ==2
replace Transition_1819 =99 if TimeAlone_1819 ==99 & ActiveWork_1819 ==99 & TrtAdult_1819 ==99
replace Transition_1819 =90 if sc_age_years <12
label var Transition_1819 "Indicator 4.15: Transition to adult health care, age 12-17 years"

;#delimit ;
label define Transition
1 "Received services for transition"
2 "Did not receive services for transition"

```

```
90 "Children age 0-11 years"
99 "Missing to all"
;#delimit cr
label values Transition_1819 Transition

gen npm12TransCSHCN_1819 = Transition_1819
replace npm12TransCSHCN_1819 =90 if CSHCN_1819 ==2
replace npm12TransCSHCN_1819 =95 if sc_age_years <12
label var npm12TransCSHCN_1819 "NPM 12: Transition to adult health care, CSHCN age 12-17 years"

#delimit ;
label define npm12TransCSHCN
1 "Received services for transition"
2 "Did not receive services for transition"
90 "Children age 0-11 years"
95 "Non-CSHCN age 12-17 years"
99 "Missing to any"
;#delimit cr
label values npm12TransCSHCN_1819 npm12TransCSHCN
```



Title V Block Grant Measures: National Performance and Outcome Measures

|   |   |
|---|---|
| <b>NPM 12</b>   | <b>Transition to adult health care, Non-CSHCN age 12-17 years (npm12TransNonCSHCN_1819)</b>   |
| <b>Description</b>  | 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, D14, D15(b-c)<br>Variable name in public use data file: DOCPRIVATE, CHANGEAGE, GAINSKILLS, TREATADULT |
| <b>Denominator</b>  | Children without special health care needs age 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>   |   |
| <p>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 healthcare in the 2018 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.</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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years.</p> <p>Even though there were changes in items, the overall measure is comparable across years.</p>   |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre>gen TimeAlone_1819 =. replace TimeAlone_1819 =1 if docprivate ==1 replace TimeAlone_1819 =2 if docprivate ==2 replace TimeAlone_1819 =2 if s4q01 ==2 replace TimeAlone_1819 =99 if docprivate ==.m   s4q01 ==.m replace TimeAlone_1819 =95 if sc_age_years &lt;12 label var TimeAlone_1819 "Time alone with health care provider, age 12-17 years"  #delimit ; label define TimeAlone 1 "Had time alone with provider" 2 "No time alone with provider or no visit" 95 "Children age 0-11 years" 99 "Missing"</pre>   |   |

```

;#delimit cr
label values TimeAlone_1819 TimeAlone
gen ActiveWork_1819 =.
replace ActiveWork_1819 =1 if changeage ==1 | gainskills ==1
replace ActiveWork_1819 =2 if missing(ActiveWork_1819) & (changeage ==2 | gainskills ==2)
replace ActiveWork_1819 =99 if missing(ActiveWork_1819) & (changeage ==3 | changeage ==.m) &
(gainskills ==3 | gainskills ==.m)
replace ActiveWork_1819 =95 if missing(ActiveWork_1819) & sc_age_years <12
label var ActiveWork_1819 "Actively worked with the child to manage care transition, age 12-17 years"
#delimit ;
label define ActiveWork
1 "Provider worked with the child"
2 "Provider did not work with the child"
90 "Children age 0-11 years"
99 "Missing/Don't know to all"
;#delimit cr
label values ActiveWork_1819 ActiveWork

gen TrtAdult_1819 =.
replace TrtAdult_1819 =1 if treatchild ==1 & treatadult ==1
replace TrtAdult_1819 =2 if missing(TrtAdult_1819) & (treatchild ==1 & treatadult ==2)
replace TrtAdult_1819 =90 if missing(TrtAdult_1819) & treatchild ==2
replace TrtAdult_1819 =99 if missing(TrtAdult_1819) & (treatchild ==.m | treatadult ==.m)
replace TrtAdult_1819 =95 if sc_age_years <12
label var TrtAdult_1819 "Provider discussed shift to adult health care providers, age 12-17 years"

#delimit ;
label define TrtAdult
1 "Yes"
2 "No"
90 "Legit skip: discussion not needed, etc."
95 "Children age 0-11 years"
99 "Missing"
;#delimit cr
label values TrtAdult_1819 TrtAdult

gen Transition_1819 =.
replace Transition_1819 =1 if (TimeAlone_1819 ==1 | TimeAlone_1819 ==99) & (ActiveWork_1819 ==1 |
ActiveWork_1819 ==99) & (TrtAdult_1819 ==1 | TrtAdult_1819 ==99 | TrtAdult_1819 ==90)
replace Transition_1819 =2 if TimeAlone_1819 ==2 | ActiveWork_1819 ==2 | TrtAdult_1819 ==2
replace Transition_1819 =99 if TimeAlone_1819 ==99 & ActiveWork_1819 ==99 & TrtAdult_1819 ==99
replace Transition_1819 =90 if sc_age_years <12
label var Transition_1819 "Indicator 4.15: Transition to adult health care, age 12-17 years"

#delimit ;
label define Transition
1 "Received services for transition"
2 "Did not receive services for transition"

```

```
90 "Children age 0-11 years"
99 "Missing to all"
;#delimit cr
label values Transition_1819 Transition

gen npm12TransNonCSHCN_1819 = Transition_1819
replace npm12TransNonCSHCN_1819 =90 if CSHCN_1819 ==1
replace npm12TransNonCSHCN_1819 =95 if sc_age_years <12
label var npm12TransNonCSHCN_1819 "NPM 12: Transition to adult health care, Non-CSHCN age 12-17
years"

#delimit ;
label define npm12TransNonCSHCN
1 "Received services for transition"
2 "Did not receive services for transition"
90 "Children age 0-11 years"
95 "CSHCN age 12-17 years"
99 "Missing to any"
;#delimit cr
label values npm12TransNonCSHCN_1819 npm12T
```

Title V Block Grant Measures: National Performance and Outcome Measures

|   |   |
|---|---|
| <b>NPM 13.2</b>   | <b>Preventive dental visit, age 1-17 years (npm13_2DePrev_1819)</b>   |
| <b>Description</b>  | 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: C16(2018), C17(2018), C14(2019), C15(2019); for children 6-11 years: C14, C15; for children 12-17 years: C15, C16<br>Variables in public use data file: K4Q30_R, DENTISTVISIT |
| <b>Denominator</b>  | Children age 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>Revisions and Changes</b>  |   |
| There have been no substantive changes to this measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>  |   |
| <pre> gen PrevDent_1819 =. replace PrevDent_1819 =1 if dentistvisit ==2   dentistvisit ==3 replace PrevDent_1819 =2 if dentistvisit ==1 replace PrevDent_1819 =99 if dentistvisit ==.m replace PrevDent_1819 =2 if k4q30_r ==3 replace PrevDent_1819 =99 if k4q30_r ==.m replace PrevDent_1819 =90 if sc_age_years &lt; 1 label var PrevDent_1819 "Indicator 4.2a: Children who had one or more preventive dental care visits during the past 12 months, age 1-17 years"  #delimit ; label define PrevDent 1 "One or more preventive visits" 2 "No preventive visits" 90 "Children less than 1 year old" 99 "Missing" ;#delimit cr label values PrevDent_1819 PrevDent  gen npm13_2DePrev_1819 = PrevDent_1819 replace npm13_2DePrev_1819 =90 if sc_age_years &lt;1 label var npm13_2DePrev_1819 "NPM 13.2: Preventive dental visit, age 1-17 years"  #delimit ; </pre> |   |

```
label define npm13_2DePrev  
1 "One or more preventive visits"  
2 "No preventive visits"  
90 "Children less than 1 year old"  
99 "Missing"  
;#delimit cr  
label values npm13_2DePrev_1819 npm13_2DePrev
```

Title V Block Grant Measures: National Performance and Outcome Measures

|   |  |
|---|--|
| <b>NPM 14.2</b>   | <b>Someone living in the household smokes (npm14_2Smoke_1819)</b>  |
| <b>Description</b>  | 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<br>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>   |  |
| This measure was derived from a single item.  |  |
| <b>Revisions and Changes</b>  |  |
| There have been no substantive changes to this item/measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre> gen smoking_1819 = k9q40 replace smoking_1819 =99 if k9q40 ==.m label var smoking_1819 "Indicator 6.4: Children who live in households where someone uses cigarettes, cigars, or pipe tobacco"  #delimit ; label define smoking 1 "Someone in household uses tobacco" 2 "No one in household uses tobacco" 99 "Missing" ;#delimit cr label values smoking_1819 smoking  gen npm14_2Smoke_1819 = smoking_1819 label var npm14_2Smoke_1819 "NPM 14.2: Someone living in the household smokes"  #delimit ; label define npm14_2Smoke 1 "Someone in household uses tobacco" 2 "No one in household uses tobacco" 99 "Missing" ;#delimit cr label values npm14_2Smoke_1819 npm14_2Smoke </pre> |  |

Title V Block Grant Measures: National Performance and Outcome Measures

|  |  |
|--|--|
| <b>NPM 15</b>  | <b>Adequate and continues insurance (npm15AdIns_1819)</b>  |
| <b>Description</b>   | 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<br>Variables in public use data file: CURRINS, HOWMUCH, INSGAP, K3Q20, K3Q21B, K3Q22 |
| <b>Denominator</b>   | Children age 0-17 years  |
| <b>Numerator/Response Categories</b>   | Insurance is adequate for child's health needs; Insurance is NOT adequate or 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 healthcare 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/measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>   |  |
| <pre>gen CurrIns_1819 = currins replace CurrIns_1819 =99 if CurrIns_1819 ==.m label var CurrIns_1819 "Indicator 3.1: Health insurance status at time of survey"  #delimit ; label define CurrIns 1 "Insured at time of survey" 2 "Not insured/Indian HS/religious health share" 99 "Missing to any" ;#delimit cr  label values CurrIns_1819 CurrIns  gen InsGap_1819 =. replace InsGap_1819 =1 if insgap ==1 replace InsGap_1819 =2 if insgap ==2   insgap ==3 replace InsGap_1819 =2 if currins ==2</pre>   |  |

```

replace InsGap_1819 =99 if insgap ==.m
label var InsGap_1819 "Indicator 3.2: Children who had consistent health insurance coverage during the past
12 months"

#delimit ;
label define InsGap
1 "Consistently insured throughout past year"
2 "Currently uninsured/had a gap in coverage"
99 "Missing"
;#delimit cr
label values InsGap_1819 InsGap

gen benefits_1819 =.
replace benefits_1819 =1 if k3q20 ==1
replace benefits_1819 =2 if k3q20 ==2
replace benefits_1819 =3 if k3q20 ==3 | k3q20 ==4
replace benefits_1819 =99 if k3q20 ==.m
replace benefits_1819 =99 if currins ==.m
replace benefits_1819 =90 if currins ==2
label var benefits_1819 "Current insurance benefits meet children's needs"

#delimit ;
label define benefits
1 "Always"
2 "Usually"
3 "Sometimes or never"
90 "Uninsured"
99 "Missing"
;#delimit cr
label values benefits_1819 benefits

gen allows_1819 =.
replace allows_1819 =1 if k3q22 ==1
replace allows_1819 =2 if k3q22 ==2
replace allows_1819 =3 if k3q22 ==3 | k3q22 ==4
replace allows_1819 =99 if k3q22 ==.m
replace allows_1819 =99 if currins ==.m
replace allows_1819 =90 if currins ==2
label var allows_1819 "Current insurance coverage allows children to see needed providers"

#delimit ;
label define allows
1 "Always"
2 "Usually"
3 "Sometimes or never"
90 "Uninsured"
99 "Missing"
;#delimit cr

```



```

label values allows_1819 allows

gen expense_1819 =.
replace expense_1819 =1 if k3q21b ==1
replace expense_1819 =2 if k3q21b ==2
replace expense_1819 =3 if k3q21b ==3 | k3q21b ==4
replace expense_1819 =99 if k3q21b ==.m
replace expense_1819 =4 if howmuch ==1
replace expense_1819 =99 if currins ==.m
replace expense_1819 =90 if currins ==2
label var expense_1819 "Current insurance out-of-pocket costs are reasonable"

#delimit ;
label define expense
1 "Always"
2 "Usually"
3 "Sometimes or never"
4 "No out-of-pocket costs"
90 "Uninsured"
99 "Missing"
;#delimit cr
label values expense_1819 expense

gen InsAdeq_1819 =.
replace InsAdeq_1819 =1 if (benefits_1819 == 1 | benefits_1819 ==2 | benefits_1819 ==99) & (allows_1819
== 1 | allows_1819 ==2 | allows_1819 ==99) & (expense_1819 == 1 | expense_1819 ==2 | expense_1819 ==4
| expense_1819 ==99)
replace InsAdeq_1819 =2 if benefits_1819 ==3 | allows_1819 ==3 | expense_1819 ==3
replace InsAdeq_1819 =99 if benefits_1819 ==99 & allows_1819 ==99 & expense_1819 ==99
replace InsAdeq_1819 =90 if currins == 2
label var InsAdeq_1819 "Indicator 3.4: Adequacy of current insurance coverage"

#delimit ;
label define InsAdeq
1 "Insurance is adequate"
2 "Insurance is NOT adequate"
90 "Uninsured"
99 "Missing to all"
;#delimit cr
label values InsAdeq_1819 InsAdeq

gen Insurance_1819 =.
replace Insurance_1819 =1 if (InsGap_1819 == 1 | InsGap_1819 ==99) & (InsAdeq_1819 ==1 | InsAdeq_1819
==99)
replace Insurance_1819 =2 if CurrIns_1819 ==2 | InsGap_1819 ==2 | InsAdeq_1819 ==2
replace Insurance_1819 =99 if InsGap_1819 ==99 & InsAdeq_1819 ==99
label var Insurance_1819 "Indicator 3.4a: Adequate and continuous insurance"

```

```
#delimit ;
label define insurance
1 "Consistently insured and insurance is adequate"
2 "Had coverage gap or inadequate insurance"
99 "Missing to any"
;#delimit cr
label values Insurance_1819 insurance

gen npm15AdIns_1819 = Insurance_1819
label var npm15AdIns_1819 "NPM 15: Adequate and continuous insurance"

#delimit ;
label define npm15AdIns
1 "Consistently insured/insurance is adequate"
2 "Had a coverage gap or inadequate insurance"
99 "Missing to any"
;#delimit cr
label values npm15AdIns_1819 npm15AdIns
```

## National Outcome Measures

|  |   |
|--|---|
| <b>NOM 14</b>  | <b>Tooth decay/cavities, age 1-17 years (nom14TthDec_1819)</b>  |
| <b>Description</b>   | Percent of children, ages 1 through 17, who had decayed teeth or cavities in the past year  |
| <b>Survey Items Used</b>   | Survey instrument item number for children 0-5 years: A4i ; for children 6-11 years: A6g ; for children 12-17 years: A6g<br>Variables in public use data file: CAVITIES |
| <b>Denominator</b>   | Children age 1-17 years   |
| <b>Numerator</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 item/measure since 2016.  |   |
| <b>STATA Syntax and Annotation</b>   |   |
| <pre> gen nom14TthDec_1819 = cavities replace nom14TthDec_1819 =90 if sc_age_years &lt;1 replace nom14TthDec_1819 =99 if nom14TthDec_1819 ==.m label var nom14TthDec_1819 "NOM 14: Tooth decay/cavities, age 1-17 years"  #delimit ; label define nom14TthDec 1 "Yes, tooth decay or cavities" 2 "No tooth decay or cavities" 90 "Children &lt;1 year of age" 99 "Missing" ;#delimit cr label values nom14TthDec_1819 nom14TthDec </pre> |   |

|   |  |
|---|--|
| <b>NOM 17.1</b>   | <b>Children with special health care needs (nom17_1CSHCN_1819)</b>   |
| <b>Description</b>  | Percent of children with special health care needs (CSHCN), ages 0 through 17  |
| <b>Survey Items Used</b>  | These items are asked among all children in the initial household screener questionnaire. The screener item numbers: 6,7,8,9,10<br>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 age 0-17 years  |
| <b>Numerator</b>  | CSHCN; Non-CSHCN   |
| <b>Notes for Data-Users</b>   |  |
| <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. 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 Child and Adolescent Health Measurement Initiative's website.</p>       |  |
| <b>Revisions and Changes</b>  |  |
| There have been no substantive changes to this item/measure since 2016.   |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen rxmeds_1819 = 0 replace rxmeds_1819 = rxmeds_1819 + 1 if sc_k2q10 == 1 &amp; sc_k2q11 == 1 &amp; sc_k2q12 == 1 label var rxmeds_1819 "Children qualifying on prescription medication criteria"  gen serve_1819 = 0 replace serve_1819 = serve_1819 + 1 if sc_k2q13 == 1 &amp; sc_k2q14 == 1 &amp; sc_k2q15 == 1 label var serve_1819 "Children qualifying on elevated use of services criteria"  gen func_1819 = 0 replace func_1819 = func_1819 + 1 if sc_k2q16 == 1 &amp; sc_k2q17 == 1 &amp; sc_k2q18 == 1 label var func_1819 "Children qualifying on functional limitations criteria"  gen therapy_1819 = 0 replace therapy_1819 = therapy_1819 + 1 if sc_k2q19 == 1 &amp; sc_k2q20 == 1 &amp; sc_k2q21 == 1 label var therapy_1819 "Children qualifying on specialized therapy criteria"  gen mhealth_1819 = 0 replace mhealth_1819 = 1 if sc_k2q22 == 1 &amp; sc_k2q23 == 1</pre> |  |

```

label var mhealth_1819 "Children qualifying on ongoing EDB conditions criteria"

local varlist rxmeds_1819 serve_1819 func_1819 therapy_1819 mhealth_1819
foreach var of local varlist {

label define `var' 0 "Do not meet screening criteria" 1 "Meet screening criteria", modify
label values `var' `var'

}

gen cnt_qualnum = func_1819 + serve_1819 + therapy_1819 + rxmeds_1819 + mhealth_1819

gen qualnum_1819 = 0
replace qualnum_1819 =1 if cnt_qualnum ==1
replace qualnum_1819 =2 if cnt_qualnum ==2
replace qualnum_1819 =3 if cnt_qualnum ==3
replace qualnum_1819 =4 if cnt_qualnum ==4
replace qualnum_1819 =5 if cnt_qualnum ==5
label var qualnum_1819 "Number of qualifying CSHCN Screener answers?"

#delimit ;
label define qualnum
0 "No qualifying answers"
1 "One qualifying answer"
2 "Two qualifying answers"
3 "Three qualifying answers"
4 "Four qualifying answers"
5 "Five qualifying answers"
;#delimit cr
label values qualnum_1819 qualnum

gen CSHCN_1819 = 0
replace CSHCN_1819 = 1 if func_1819 == (1) | serve_1819 == (1) | therapy_1819 == (1) | rxmeds_1819
== (1) | mhealth_1819 == (1)
replace CSHCN_1819 = 2 if CSHCN_1819 == 0
label var CSHCN_1819 "Indicator 1.11: Children with special health care needs"

#delimit ;
label define CSHCN
1 "CSHCN"
2 "Non-CSHCN"
;#delimit cr
label values CSHCN_1819 CSHCN

gen nom17_1CSHCN_1819 = CSHCN_1819
label var nom17_1CSHCN_1819 "NOM 17.1: Children with special health care needs"

#delimit ;

```

```
label define nom17_1CSHCN  
1 "CSHCN"  
2 "Non-CSHCN"  
;#delimit cr  
label values nom17_1CSHCN_1819 nom17_1CSHCN
```

Title V Block Grant Measures: National Performance and Outcome Measures

|   |  |
|---|--|
| <b>NOM 17.2</b>   | <b>Systems of care, children with special health care needs (nom17_2sysCSHCN_1819)</b>                                       |
| <b>Description</b>  | 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 age 0-17 years   |
| <b>Numerator</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 in the 2018-2019 scoring of this measure. 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 several components of this measures 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 etc. For additional information see <a href="#">a crosswalk of survey items</a> across years. However, overall measure is comparable across years.</p>   |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>***Adequate insurance  gen Insurance_1819 =. replace Insurance_1819 =1 if (InsGap_1819 == 1   InsGap_1819 ==99) &amp; (InsAdeq_1819 ==1   InsAdeq_1819 ==99) replace Insurance_1819 =2 if CurrIns_1819 ==2   InsGap_1819 ==2   InsAdeq_1819 ==2 replace Insurance_1819 =99 if InsGap_1819 ==99 &amp; InsAdeq_1819 ==99 label var Insurance_1819 "Indicator 3.4a: Adequate and continuous insurance"  #delimit ; label define insurance 1 "Currently insured, consistently insured and insurance is adequate" 2 "Not currently insured, had coverage gap or inadequate insurance"</pre>   |  |

```

99 "Missing to any"
;#delimit cr
label values Insurance_1819 insurance

**Received medical and dental preventive care

gen MedDentSyst_1819 =.
replace MedDentSyst_1819 =99 if (k4q20r ==.m | s4q01 ==.m) & (PrevDent_1819 ==90 | PrevDent_1819
==99)
replace MedDentSyst_1819 =1 if missing(MedDentSyst_1819) & ((k4q20r ==2 | k4q20r ==3) | (k4q20r
==.m | s4q01 ==.m)) & (PrevDent_1819 ==1 | PrevDent_1819 ==90 | PrevDent_1819 ==99)
replace MedDentSyst_1819 =2 if missing(MedDentSyst_1819) & (s4q01 ==2 | k4q20r ==1) |
(PrevDent_1819 ==2)
label var MedDentSyst_1819 "Children who received both preventive medical and dental care during the
past 12 months"

**Difficulties obtaining services

gen frustrated_1819 =.
replace frustrated_1819 =99 if c4q04 ==.m
replace frustrated_1819 =0 if missing(frustrated_1819) & c4q04 ==1
replace frustrated_1819 =1 if missing(frustrated_1819) & c4q04 ==2
replace frustrated_1819 =2 if missing(frustrated_1819) & (c4q04 ==3 | c4q04 ==4)
label var frustrated_1819 "Indicator 4.20: Frustrated in efforts to get services"

#delimit ;
label define frustrated
0 "Never frustrated"
1 "Sometimes frustrated"
2 "Usually or always frustrated"
99 "Missing"
;#delimit cr
label values frustrated_1819 frustrated

gen UnmetFrust_1819 =.
replace UnmetFrust_1819 =99 if k4q27 ==.m & frustrated_1819 ==99
replace UnmetFrust_1819 =1 if missing(UnmetFrust_1819) & (k4q27 ==2 | k4q27 ==.m) &
(frustrated_1819 ==0 | frustrated_1819 ==1 | frustrated_1819 ==99)
replace UnmetFrust_1819 =2 if missing(UnmetFrust_1819) & (k4q27 ==1 | frustrated_1819 ==2)
label var UnmetFrust_1819 "Children whose parents had difficulties in accessing care and always or
usually frustrated in effort getting services for their children"

#delimit ;
label define UnmetFrust
1 "No unmet need and frustration"
2 "Experienced unmet need and frustration"
99 "Missing to any"

```



```

;#delimit cr
label values UnmetFrustr_1819 UnmetFrustr

**Shared decision making

gen DiscussOpt_1819 =.
replace DiscussOpt_1819 =0 if decisions == 2
replace DiscussOpt_1819 =1 if missing(DiscussOpt_1819) & discussopt ==1
replace DiscussOpt_1819 =2 if missing(DiscussOpt_1819) & discussopt ==2
replace DiscussOpt_1819 =3 if missing(DiscussOpt_1819) & discussopt ==3 | discussopt ==4
replace DiscussOpt_1819 =99 if missing(DiscussOpt_1819) & discussopt ==.m
replace DiscussOpt_1819 =90 if missing(DiscussOpt_1819) & discussopt ==.l
label var DiscussOpt_1819 "Doctors discussed range of health care/treatment options"

gen RaiseConc_1819 =.
replace RaiseConc_1819 =0 if decisions == 2
replace RaiseConc_1819 =1 if missing(RaiseConc_1819) & raiseconc ==1
replace RaiseConc_1819 =2 if missing(RaiseConc_1819) & raiseconc ==2
replace RaiseConc_1819 =3 if missing(RaiseConc_1819) & raiseconc ==3 | raiseconc ==4
replace RaiseConc_1819 =99 if missing(RaiseConc_1819) & raiseconc ==.m
replace RaiseConc_1819 =90 if missing(RaiseConc_1819) & raiseconc ==.l
label var RaiseConc_1819 "Doctors made it easy for parents to raise concerns or disagreements"

gen BestChoice_1819 =.
replace BestChoice_1819 =0 if decisions == 2
replace BestChoice_1819 =1 if missing(BestChoice_1819) & bestforchild ==1
replace BestChoice_1819 =2 if missing(BestChoice_1819) & bestforchild ==2
replace BestChoice_1819 =3 if missing(BestChoice_1819) & bestforchild ==3 | bestforchild ==4
replace BestChoice_1819 =99 if missing(BestChoice_1819) & bestforchild ==.m
replace BestChoice_1819 =90 if missing(BestChoice_1819) & bestforchild ==.l
label var BestChoice_1819 "Doctors worked with parents to decide together health care/treatment
options"

local varlist DiscussOpt_1819 RaiseConc_1819 BestChoice_1819
foreach var of local varlist {

label define `var' 0 "No decisions needed" 1 "Always" 2 "Usually" 3 "Sometimes or never" 90 "Did not
have a health care visit" 99 "Missing", modify
label values `var' `var'

}

gen ShareDec_1819 =.
replace ShareDec_1819 =0 if decisions ==.l | decisions ==2

replace ShareDec_1819 =2 if (DiscussOpt_1819 ==3 | DiscussOpt_1819 ==99) | (RaiseConc_1819 ==3 |
RaiseConc_1819 ==99) | (BestChoice_1819 ==3 | BestChoice_1819 ==99)

```

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```
replace ShareDec_1819 =1 if (DiscussOpt_1819 ==1 | DiscussOpt_1819 ==2 | DiscussOpt_1819 ==99) &
(RaiseConc_1819 ==1 | RaiseConc_1819 ==2 | RaiseConc_1819 ==99) & (BestChoice_1819 ==1 |
BestChoice_1819 ==2 | BestChoice_1819 ==99)
replace ShareDec_1819 =99 if DiscussOpt_1819 ==99 & RaiseConc_1819 ==99 & BestChoice_1819 ==99
label var ShareDec_1819 "Indicator 4.14: Children whose families are partners in shared decision-making"
```

```
#delimit ;
label define ShareDec
0 "No decisions needed"
1 "Always or usually"
2 "Sometimes and never"
90 "Did not have a health care visit"
99 "Missing"
;#delimit cr
label values ShareDec_1819 ShareDec
```

**\*\*Medical home**

\*Indicator 4.12a: Medical Home Component: Children with a personal doctor or nurse

```
gen PerDrNs_1819 =.
replace PerDrNs_1819 =1 if k4q04_r ==1 | k4q04_r ==2
replace PerDrNs_1819 =2 if missing(PerDrNs_1819) & k4q04_r ==3
replace PerDrNs_1819 =99 if missing(PerDrNs_1819) & k4q04_r ==.m
label var PerDrNs_1819 "Indicator 4.12a: MH Component: Children with a personal doctor or nurse"
```

```
#delimit ;
label define PerDrNs
1 "Yes, have at least one personal doctor or nurse"
2 "Do not have a personal doctor or nurse"
99 "Missing"
;#delimit cr
label values PerDrNs_1819 PerDrNs
```

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

```
gen UsualSck_1819 =.
replace UsualSck_1819 =1 if k4q01 ==1 & (k4q02_r ==1 | k4q02_r ==3 | k4q02_r ==4 | k4q02_r ==5 |
k4q02_r ==6 | k4q02_r ==7)
replace UsualSck_1819 =2 if missing(UsualSck_1819) & (k4q01 ==2 | k4q02 ==2)
replace UsualSck_1819 =99 if missing(UsualSck_1819) & (k4q01 ==.m | k4q02 ==.m)
label var UsualSck_1819 "Indicator 4.12b: MH Component: Usual source for sick care"
```

```
#delimit ;
label define UsualSck
1 "Have usual sources for sick care"
2 "Do not have usual sources for sick care"
99 "Missing"
```

```

;#delimit cr
label values UsualSck_1819 UsualSck

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

gen time_1819 =.
replace time_1819 =99 if k5q40 ==.m
replace time_1819 =0 if missing(time_1819) & k5q40 ==.l
replace time_1819 =1 if missing(time_1819) & k5q40 ==1
replace time_1819 =2 if missing(time_1819) & k5q40 ==2
replace time_1819 =3 if missing(time_1819) & (k5q40 ==3 | k5q40 ==4)
label var time_1819 "Doctors spent enough time with children"

gen listen_1819 =.
replace listen_1819 =99 if k5q41 ==.m
replace listen_1819 =0 if missing(listen_1819) & k5q41 ==.l
replace listen_1819 =1 if missing(listen_1819) & k5q41 ==1
replace listen_1819 =2 if missing(listen_1819) & k5q41 ==2
replace listen_1819 =3 if missing(listen_1819) & (k5q41 ==3 | k5q41 ==4)
label var listen_1819 "Doctors listened carefully"

gen sensitiv_1819 =.
replace sensitiv_1819 =99 if k5q42 ==.m
replace sensitiv_1819 =0 if missing(sensitiv_1819) & k5q42 ==.l
replace sensitiv_1819 =1 if missing(sensitiv_1819) & k5q42 ==1
replace sensitiv_1819 =2 if missing(sensitiv_1819) & k5q42 ==2
replace sensitiv_1819 =3 if missing(sensitiv_1819) & (k5q42 ==3 | k5q42 ==4)
label var sensitiv_1819 "Doctors showed sensitivity to children's family's values and customs"

gen info_1819 =.
replace info_1819 =99 if k5q43 ==.m
replace info_1819 =0 if missing(info_1819) & k5q43 ==.l
replace info_1819 =1 if missing(info_1819) & k5q43 ==1
replace info_1819 =2 if missing(info_1819) & k5q43 ==2
replace info_1819 =3 if missing(info_1819) & (k5q43 ==3 | k5q43 ==4)
label var info_1819 "Doctors provided information specific to parents' concerns"

gen partner_1819 =.
replace partner_1819 =99 if k5q44 ==.m
replace partner_1819 =0 if missing(partner_1819) & k5q44 ==.l
replace partner_1819 =1 if missing(partner_1819) & k5q44 ==1
replace partner_1819 =2 if missing(partner_1819) & k5q44 ==2
replace partner_1819 =3 if missing(partner_1819) & (k5q44 ==3 | k5q44 ==4)
label var partner_1819 "Doctors helped parents feel like partners in child's care"

local varlist time_1819 listen_1819 sensitiv_1819 info_1819 partner_1819
foreach var of local varlist {

```

```

label define `var' 0 "Did not have health care visit in the past 12 months" 1 "Always" 2 "Usually" 3
"Sometimes or never" 99 "Missing", modify
label values `var' `var'
}

foreach var of varlist time_1819 listen_1819 sensitiv_1819 info_1819 partner_1819{
label define `var' 0 "Did not have health care visit in the past 12 months" 1 "Always" 2 "Usually" 3
"Sometimes or never" 99 "Missing", modify
label values `var' `var'
}

gen FamCent_1819 =.
replace FamCent_1819 =99 if time_1819 ==99 & listen_1819 ==99 & sensitiv_1819 ==99 & info_1819
==99 & partner_1819 ==99
replace FamCent_1819 =0 if missing(FamCent_1819) & time_1819 ==0
replace FamCent_1819 =1 if missing(FamCent_1819) & (time_1819 ==1 | time_1819 ==2 | time_1819
==99) & (listen_1819 ==1 | listen_1819 ==2 | listen_1819 ==99) & (sensitiv_1819 ==1 | sensitiv_1819 ==2
| sensitiv_1819 ==99) & (info_1819 ==1 | info_1819 ==2 | info_1819 ==99) & (partner_1819 ==1 |
partner_1819 ==2 | partner_1819 ==99)
replace FamCent_1819 =2 if missing(FamCent_1819) & (time_1819 ==3 | time_1819 ==99 |
FamCent_1819 ==.) & (listen_1819 ==3 | listen_1819 ==99 | FamCent_1819 ==.) & (sensitiv_1819 ==3 |
sensitiv_1819 ==99 | FamCent_1819 ==.) & (info_1819 ==3 | info_1819 ==99 | FamCent_1819 ==.) &
(partner_1819 ==3 | partner_1819 ==99 | FamCent_1819 ==.)
label var FamCent_1819 "Indicator 4.12c: MH Component: Children who received family-centered care"

#delimit ;
label define FamCent
0 "Did not have health care visits"
1 "Received family-centered care"
2 "Did not receive family-centered care"
99 "Missing to all"
;#delimit cr
label values FamCent_1819 FamCent

*Indicator 4.12d Difficulties getting referrals

gen NoRefPrb_1819 =.
replace NoRefPrb_1819 =0 if k5q10 ==2
replace NoRefPrb_1819 =99 if missing(NoRefPrb_1819) & k5q10 ==.m
replace NoRefPrb_1819 =4 if missing(NoRefPrb_1819) & k5q11 ==4
replace NoRefPrb_1819 =3 if missing(NoRefPrb_1819) & k5q11 ==3
replace NoRefPrb_1819 =2 if missing(NoRefPrb_1819) & k5q11 ==2
replace NoRefPrb_1819 =1 if missing(NoRefPrb_1819) & k5q11 ==1
replace NoRefPrb_1819 =99 if missing(NoRefPrb_1819) & k5q11 ==.m
label var NoRefPrb_1819 "Difficulties getting referrals"

#delimit ;
label define NoRefPrb

```

```

0 "Did not need referrals"
1 "Not difficult"
2 "Somewhat difficult"
3 "Very difficult"
4 "It was not possible to obtain care"
99 "Missing to all"
;#delimit cr
label values NoRefPrb_1819 NoRefPrb

```

\* Indicator 4.12e Effective care coordination

```

gen DrComm_1819 =.
replace DrComm_1819 =0 if k5q20_r ==3 | s4q01 ==2
replace DrComm_1819 =99 if missing(DrComm_1819) & k5q30 ==.m
replace DrComm_1819 =1 if missing(DrComm_1819) & k5q30 ==1
replace DrComm_1819 =2 if missing(DrComm_1819) & k5q30 ==2
replace DrComm_1819 =3 if missing(DrComm_1819) & (k5q30 ==3 | k5q30 ==4)
replace DrComm_1819 =0 if missing(DrComm_1819) & k5q30 ==.l
label var DrComm_1819 "Satisfaction with communication among child's doctor"

```

```

#delimit ;
label define DrComm
0 "Did not see more than one doctor"
1 "Very satisfied"
2 "Somewhat satisfied"
3 "Somewhat or very dissatisfied"
99 "Missing"
;#delimit cr
label values DrComm_1819 DrComm

```

```

gen CareHelp_1819 =.
replace CareHelp_1819 =99 if s4q01 ==.m
replace CareHelp_1819 =0 if missing(CareHelp_1819) & (k5q20_r ==3 | s4q01 ==2)
replace CareHelp_1819 =0 if missing(CareHelp_1819) & (k5q20_r ==2 & k5q21 ==2)
replace CareHelp_1819 =99 if missing(CareHelp_1819) & (k5q20_r ==.m & k5q21 ==2)
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q20_r ==.m
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q21 ==.m
replace CareHelp_1819 =99 if missing(CareHelp_1819) & k5q22 ==.m
replace CareHelp_1819 =1 if missing(CareHelp_1819) & (k5q20_r ==1 & k5q21 ==2)
replace CareHelp_1819 =1 if missing(CareHelp_1819) & k5q22 ==1
replace CareHelp_1819 =2 if missing(CareHelp_1819) & (k5q22 ==2 | k5q22 ==3)
label var CareHelp_1819 "Got all needed extra help with care coordination when needed"

```

```

#delimit ;
label define CareHelp
0 "Did not need care coordination"
1 "Got all needed extra help"
2 "Needed extra help/did not get it"

```

```

99 "Missing"
;#delimit cr
label values CareHelp_1819 CareHelp

gen OthComm_1819 =.
replace OthComm_1819 =0 if k5q31_r ==2 | k5q31_r ==3
replace OthComm_1819 =99 if missing(OthComm_1819) & k5q31_r ==.m
replace OthComm_1819 =1 if missing(OthComm_1819) & k5q32 ==1
replace OthComm_1819 =2 if missing(OthComm_1819) & (k5q32 ==2 | k5q32 ==3 | k5q32 ==4)
replace OthComm_1819 =99 if missing(OthComm_1819) & k5q32 ==.m
replace OthComm_1819 =0 if missing(OthComm_1819) & k5q32 ==.l
label var OthComm_1819 "Satisfaction with communication among child's doctors and school, etc."

#delimit ;
label define OthComm
0 "No communication needed/did not occur"
1 "Very satisfied"
2 "Less than very satisfied"
99 "Missing to either item"
;#delimit cr

label values OthComm_1819 OthComm

gen CareCoor_1819 =.
replace CareCoor_1819 =99 if CareHelp_1819 ==99 & DrComm_1819 ==99 & OthComm_1819 ==99
replace CareCoor_1819 =0 if missing(CareCoor_1819) & (CareHelp_1819 ==0 | CareHelp_1819 ==99) &
(DrComm_1819 ==0 | DrComm_1819 ==99) & (OthComm_1819 ==0 | OthComm_1819 ==99)
replace CareCoor_1819 =1 if missing(CareCoor_1819) & (CareHelp_1819 ==1 | CareHelp_1819 ==0 |
CareHelp_1819 ==99) & (DrComm_1819 ==1 | DrComm_1819 ==0 | DrComm_1819 ==99) &
(OthComm_1819 ==1 | OthComm_1819 ==0 | OthComm_1819 ==99)
replace CareCoor_1819 =2 if missing(CareCoor_1819) & (CareHelp_1819 ==2 | CareHelp_1819 ==99 |
CareCoor_1819==.) & (DrComm_1819 ==2 | DrComm_1819 ==99 | CareCoor_1819==.) &
(OthComm_1819 ==2 | OthComm_1819 ==99 | CareCoor_1819==.)
label var CareCoor_1819 "Indicator 4.12e: Medical MH: Effective care coordination, all children"

#delimit ;
label define CareCoor
0 "Did not need care coordination"
1 "Received needed care coordination"
2 "Did not receive needed care coordination"
99 "Missing to all"
;#delimit cr
label values CareCoor_1819 CareCoor

*Indicator 4.12 Medical home

gen MedHome_1819 =0

```

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```

replace MedHome_1819 =2 if PerDrNs_1819 ==2 | UsualSck_1819 ==2 |(NoRefPrb_1819 ==2 |
NoRefPrb_1819 ==3 | NoRefPrb_1819 ==4) | FamCent_1819 ==2 | CareCoor_1819 ==2
replace MedHome_1819 =1 if (PerDrNs_1819 ==1 | PerDrNs_1819 ==99) & (UsualSck_1819 ==1 |
UsualSck_1819 ==99) & (NoRefPrb_1819 ==1 | NoRefPrb_1819 ==0 | NoRefPrb_1819 ==99) &
(FamCent_1819 ==1 | FamCent_1819 ==0 | FamCent_1819 ==99) & (CareCoor_1819 ==1 |
CareCoor_1819 ==0 | CareCoor_1819 ==99)
replace MedHome_1819 =99 if PerDrNs_1819 ==99 & UsualSck_1819 ==99 & (NoRefPrb_1819 ==0 |
NoRefPrb_1819 ==99) & (FamCent_1819 ==0 | FamCent_1819 ==99) & (CareCoor_1819 ==0 |
CareCoor_1819 ==99)
label var MedHome_1819 "Indicator 4.12: Children who receive coordinated, ongoing, comprehensive
care within a medical home"

#delimit ;
label define MedHome
1 "Care met medical home criteria"
2 "Care did not meet medical home criteria"
99 "Missing to all"
;#delimit cr
label values MedHome_1819 MedHome

***Transition to adult health care – 12-17 years

gen TimeAlone_1819 =.
replace TimeAlone_1819 =1 if docprivate ==1
replace TimeAlone_1819 =2 if docprivate ==2
replace TimeAlone_1819 =2 if s4q01 ==2
replace TimeAlone_1819 =99 if docprivate ==.m | s4q01 ==.m
replace TimeAlone_1819 =95 if sc_age_years <12
label var TimeAlone_1819 "Transition Part A: Time alone with health care provider, age 12-17 years"

#delimit ;
label define TimeAlone
1 "Had time alone with provider"
2 "No time alone with provider or no visit"
95 "Children age 0-11 years"
99 "Missing"
;#delimit cr
label values TimeAlone_1819 TimeAlone
gen ActiveWork_1819 =.
replace ActiveWork_1819 =1 if changeage ==1 | gainskills ==1
replace ActiveWork_1819 =2 if missing(ActiveWork_1819) & (changeage ==2 | gainskills ==2)
replace ActiveWork_1819 =99 if missing(ActiveWork_1819) & (changeage ==3 | changeage ==.m) &
(gainskills ==3 | gainskills ==.m)
replace ActiveWork_1819 =95 if missing(ActiveWork_1819) & sc_age_years <12
label var ActiveWork_1819 " Actively worked with the child to manage care transition, age 12-17 years"
#delimit ;

```

```

label define ActiveWork
1 "Provider worked with the child"
2 "Provider did not work with the child"
90 "Children age 0-11 years"
99 "Missing/Don't know to all"
;#delimit cr
label values ActiveWork_1819 ActiveWork

gen TrtAdult_1819 =.
replace TrtAdult_1819 =1 if treatchild ==1 & treatadult ==1
replace TrtAdult_1819 =2 if missing(TrtAdult_1819) & (treatchild ==1 & treatadult ==2)
replace TrtAdult_1819 =90 if missing(TrtAdult_1819) & treatchild ==2
replace TrtAdult_1819 =99 if missing(TrtAdult_1819) & (treatchild ==.m | treatadult ==.m)
replace TrtAdult_1819 =95 if sc_age_years <12
label var TrtAdult_1819 "Provider discussed shift to adult health care providers, age 12-17 years"

#delimit ;
label define TrtAdult
1 "Yes"
2 "No"
90 "Legit skip: discussion not needed, etc."
95 "Children age 0-11 years"
99 "Missing"
;#delimit cr
label values TrtAdult_1819 TrtAdult

gen Transition_1819 =.
replace Transition_1819 =1 if (TimeAlone_1819 ==1 | TimeAlone_1819 ==99) & (ActiveWork_1819 ==1 |
ActiveWork_1819 ==99) & (TrtAdult_1819 ==1 | TrtAdult_1819 ==99 | TrtAdult_1819 ==90)
replace Transition_1819 =2 if TimeAlone_1819 ==2 | ActiveWork_1819 ==2 | TrtAdult_1819 ==2
replace Transition_1819 =99 if TimeAlone_1819 ==99 & ActiveWork_1819 ==99 & TrtAdult_1819 ==99
replace Transition_1819 =90 if sc_age_years <12
label var Transition_1819 "Indicator 4.15: Transition to adult health care, age 12-17 years"

#delimit ;
label define Transition
1 "Received services for transition"
2 "Did not receive services for transition"
90 "Children age 0-11 years"
99 "Missing to all"
;#delimit cr
label values Transition_1819 Transition

***Systems of care

```



```

gen syst1_ct =0
replace syst1_ct = syst1_ct +1 if ShareDec_1819 ==0 | ShareDec_1819 ==1 | ShareDec_1819 ==99
replace syst1_ct = syst1_ct +1 if MedHome_1819 ==1 | MedHome_1819 ==99
replace syst1_ct = syst1_ct +1 if Insurance_1819 ==1 | Insurance_1819 ==99
replace syst1_ct = syst1_ct +1 if MedDentSyst_1819 ==1 | MedDentSyst_1819 ==99
replace syst1_ct = syst1_ct +1 if UnmetFrust_1819 ==1 | UnmetFrust_1819 ==99
label var syst1_ct "Children ages 0-11 meeting one or more of five criteria for system of care"
replace syst1_ct =99 if (ShareDec_1819 ==0 | ShareDec_1819 ==99) & MedHome_1819 ==99 &
Insurance_1819 ==99 & MedDentSyst_1819 ==99 & UnmetFrust_1819 ==99
replace syst1_ct =90 if sc_age_years >11

gen syst2_ct =0
replace syst2_ct = syst2_ct +1 if ShareDec_1819 ==0 | ShareDec_1819 ==1 | ShareDec_1819 ==99
replace syst2_ct = syst2_ct +1 if MedHome_1819 ==1 | MedHome_1819 ==99
replace syst2_ct = syst2_ct +1 if Insurance_1819 ==1 | Insurance_1819 ==99
replace syst2_ct = syst2_ct +1 if MedDentSyst_1819 ==1 | MedDentSyst_1819 ==99
replace syst2_ct = syst2_ct +1 if UnmetFrust_1819 ==1 | UnmetFrust_1819 ==99
replace syst2_ct = syst2_ct +1 if Transition_1819 ==1 | Transition_1819 ==99
replace syst2_ct =99 if (ShareDec_1819 ==0 | ShareDec_1819 ==99) & MedHome_1819 ==99 &
Insurance_1819 ==99 & MedDentSyst_1819 ==99 & UnmetFrust_1819 ==99 & Transition_1819 ==99
replace syst2_ct =90 if sc_age_years <12
label var syst2_ct "Children ages 12-17 meeting one or more of six criteria for system of care"

gen sys0to11care2_1819 =.
replace sys0to11care2_1819 =2 if syst1_ct ==0 | syst1_ct ==1 | syst1_ct ==2 | syst1_ct ==3
| syst1_ct ==4
replace sys0to11care2_1819 =1 if syst1_ct ==5
replace sys0to11care2_1819 =99 if syst1_ct ==99
replace sys0to11care2_1819 =90 if sc_age_years >11
label var sys0to11care2_1819 "Children ages 0-11 who received care in a well-functioning system "

#delimit ;
label define sys0to11care2
1 "Received care in a well-functioning system"
2 "Did not receive care in a well-functioning system"
90 "Children age 12-17 years"
99 "Missing to any"
;#delimit cr
label values sys0to11care2_1819 sys0to11care2

gen sys12to17care2_1819 =.
replace sys12to17care2_1819 =2 if syst2_ct ==0 | syst2_ct ==1 | syst2_ct ==2 | syst2_ct
==3 | syst2_ct ==4 | syst2_ct ==5
replace sys12to17care2_1819 =1 if syst2_ct ==6
replace sys12to17care2_1819 =99 if syst2_ct ==99
replace sys12to17care2_1819 =90 if sc_age_years <12
label var sys12to17care2_1819 "Children ages 12-17 who received care in a well-functioning system "

```

```

#delimit ;
label define sys12to17care2
1 "Received care in a well-functioning system"
2 "Did not receive care in a well-functioning system"
90 "Children age 0-11 years"
99 "Missing to all items"
;#delimit cr
label values sys12to17care2_1819 sys12to17care2

gen SystCare2_1819 =.
replace SystCare2_1819 =1 if sc_age_years < 12 & syst1_ct ==5
replace SystCare2_1819 =2 if sc_age_years < 12 & syst1_ct <5
replace SystCare2_1819 =1 if sc_age_years > 11 & syst2_ct ==6
replace SystCare2_1819 =2 if sc_age_years > 11 & syst2_ct <6
replace SystCare2_1819 =99 if syst2_ct ==99 | syst1_ct ==99
label var SystCare2_1819 "Indicator 4.17: Percent of children received care in a well-functioning system"

#delimit ;
label define SystCare2
1 "Received care in a well-functioning system"
2 "Did not receive care in a well-functioning system"
99 "Missing to all items"
;#delimit cr
label values SystCare2_1819 SystCare2

gen nom17_2sysCSHCN_1819 = SystCare2_1819
replace nom17_2sysCSHCN_1819 =90 if CSHCN_1819 ==2
label var nom17_2sysCSHCN_1819 "NOM 17.2: Systems of care, children with special health care needs"

#delimit ;
label define nom17_2sysCSHCN
1 "Received care in a well-functioning system"
2 "Did not receive care in a well-functioning system"
90 "Non-CSHCN"
99 "Missing"
;#delimit cr
label values nom17_2sysCSHCN_1819 nom17_2sysCSHCN

```

Title V Block Grant Measures: National Performance and Outcome Measures

|   |  |
|---|--|
| <b>NOM 17.3</b>   | <b>Autism/ASD, age 3-17 years (nom17_3ASD_1819)</b>  |
| <b>Description</b>  | 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: A28(2018), A27(2019); for children 6-11 years: A29(2018), A30(2019); for children 12-17 years: A29(2018), A30(2019)<br>Variables in public use data file: K2Q35A, K2Q35B |
| <b>Denominator</b>  | Children age 3-17 years  |
| <b>Numerator</b>  | Currently has condition; Ever told, but does not currently have condition; Does not have condition   |
| <b>Notes for Data-Users</b>   |  |
| <p>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.</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. 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 2018 and 2019 NSCH asked these questions among all children 0-17 years old, this measure only includes children 3 to 17 years old.</p> |  |
| <b>Revisions and Changes</b>  |  |
| There have been no substantive changes to this measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen autism_1819 =. replace autism_1819 = 1 if k2q35a == 2 replace autism_1819 = 2 if k2q35a == 1 &amp; k2q35b == 2 replace autism_1819 = 3 if k2q35a == 1 &amp; k2q35b == 1 replace autism_1819 = 95 if sc_age_years &lt; 3 replace autism_1819 = 99 if autism_1819 ==. label var autism_1819 "Children who currently have autism or ASD, age 3-17 years"  #delimit ; label define autism 1 "Does not have condition" 2 "Ever told, but no current condition" 3 "Currently have condition"</pre>   |  |

```
95 "Children age 0-2 years"  
99 "Missing"  
;#delimit cr  
label values autism_1819 autism  
  
gen nom17_3ASD_1819 = autism_1819  
replace nom17_3ASD_1819 =90 if sc_age_years <3  
label var nom17_3ASD_1819 "NOM 17.3: Autism/ASD, age 3-17 years"  
  
#delimit ;  
label define nom17_3ASD  
1 "Do not have condition"  
2 "Ever told, but do not currently have condition"  
3 "Currently have condition"  
95 "Children age 0-2 years"  
99 "Missing"  
;#delimit cr  
label values nom17_3ASD_1819 nom17_3ASD
```

Title V Block Grant Measures: National Performance and Outcome Measures

|   |  |
|---|--|
| <b>NOM 17.4</b>   | <b>ADD/ADHD, age 3-17 years (nom17_4ADHD_1819)</b>   |
| <b>Description</b>  | 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: A33(2018), A32(2019); for children 6-11 years: A34(2018), A35(2019); for children 12-17 years: A34(2018), A35(2019)<br>Variables in public use data file: K2Q31A, K2Q31B |
| <b>Denominator</b>  | Children age 3-17 years  |
| <b>Numerator</b>  | Currently has condition; Ever told, but does not currently have condition; Does not have condition   |
| <b>Notes for Data-Users</b>   |  |
| <p>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.</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. 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 2018 and 2019 NSCH asked these questions among all children 0-17 years old, this measure only includes children 3 to 17 years old.</p> |  |
| <b>Revisions and Changes</b>  |  |
| There have been no substantive changes to this measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre>gen ADHD_1819 =. replace ADHD_1819 = 1 if k2q31a == 2 replace ADHD_1819 = 2 if k2q31a == 1 &amp; k2q31b == 2 replace ADHD_1819 = 3 if k2q31a == 1 &amp; k2q31b == 1 replace ADHD_1819 = 95 if sc_age_years &lt; 3 replace ADHD_1819 = 99 if ADHD_1819 ==. label var ADHD_1819 "Children who currently have ADD or ADHD, age 3-17 years"</pre> <pre>#delimit ; label define ADHD 1 "Does not have condition" 2 "Ever told, but no current condition" 3 "Currently have condition" 95 "Children age 0-2 years"</pre>   |  |

```
99 "Missing"  
;#delimit cr  
label values ADHD_1819 ADHD  
  
gen nom17_4ADHD_1819 = ADHD_1819  
replace nom17_4ADHD_1819 =90 if sc_age_years <3  
label var nom17_4ADHD_1819 "NOM 17.4: ADD/ADHD, age 3-17 years"  
  
#delimit ;  
label define nom17_4ADHD  
1 "Do not have condition"  
2 "Ever told, but do not currently have condition"  
3 "Currently have condition"  
90 "Children age 0-2 years"  
99 "Missing"  
;#delimit cr  
label values nom17_4ADHD_1819 nom17_4ADHD
```

Title V Block Grant Measures: National Performance and Outcome Measures

|   |  |
|---|--|
| <b>NOM 18</b>   | <b>Mental health treatment or counseling, age 3-17 years with a mental/behavioral condition (nom18MHlth_1819)</b>  |
| <b>Description</b>  | 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: C19(2018), C17 (2019); for children 6-11 years: C17; for children 12-17 years: C18<br>Variable in public use data file: K4Q22_R                    |
| <b>Denominator</b>  | Children age 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>   |  |
| <p>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.</p>                                      |  |
| <b>Revisions and Changes</b>  |  |
| There have been no substantive changes to this measure since 2016.  |  |
| <b>STATA Syntax and Annotation</b>  |  |
| <pre> gen anxiety_1819 =. replace anxiety_1819 = 1 if k2q33a == 2 replace anxiety_1819 = 2 if k2q33a == 1 &amp; k2q33b == 2 replace anxiety_1819 = 3 if k2q33a == 1 &amp; k2q33b == 1 replace anxiety_1819 = 95 if sc_age_years &lt; 3 replace anxiety_1819 = 99 if anxiety_1819 ==. label var anxiety_1819 "Children who currently have anxiety problems, age 3-17 years"  #delimit ; label define anxiety 1 "Do not have condition" 2 "Ever told, but no current condition" 3 "Currently have condition" 95 "Children age 0-2 years" 99 "Missing" ;#delimit cr label values anxiety_1819 anxiety </pre> |  |

```

gen depress_1819 =.
replace depress_1819 = 1 if k2q32a == 2
replace depress_1819 = 2 if k2q32a == 1 & k2q32b == 2
replace depress_1819 = 3 if k2q32a == 1 & k2q32b == 1
replace depress_1819 = 95 if sc_age_years < 3
replace depress_1819 = 99 if depress_1819 ==.
label var depress_1819 "Children who currently have depression, age 3-17 years"

#delimit ;
label define depress
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values depress_1819 depress

gen behavior_1819 =.
replace behavior_1819 = 1 if k2q34a == 2
replace behavior_1819 = 2 if k2q34a == 1 & k2q34b == 2
replace behavior_1819 = 3 if k2q34a == 1 & k2q34b == 1
replace behavior_1819 = 95 if sc_age_years < 3
replace behavior_1819 = 99 if behavior_1819 ==.
label var behavior_1819 "Children who currently have behavioral or conduct problems, age 3-17 years"

#delimit ;
label define behavior
1 "Do not have condition"
2 "Ever told, but no current condition"
3 "Currently have condition"
95 "Children age 0-2 years"
99 "Missing"
;#delimit cr
label values behavior_1819 behavior

gen ment3cond_1819 =0
replace ment3cond_1819 = ment3cond_1819 +1 if depress_1819 ==3
replace ment3cond_1819 = ment3cond_1819 +1 if anxiety_1819 ==3
replace ment3cond_1819 = ment3cond_1819 +1 if behavior_1819 ==3
replace ment3cond_1819 =99 if depress_1819 ==99 & anxiety_1819 ==99 & behavior_1819 ==99
replace ment3cond_1819 =90 if sc_age_years <3
label var ment3cond_1819 "Number of conditions"

gen nom18MHlth_1819 =.
replace nom18MHlth_1819 =1 if ment3cond_1819 >0 & k4q22_r ==1
replace nom18MHlth_1819 =2 if ment3cond_1819 >0 & (k4q22_r ==2 | k4q22_r ==3)
replace nom18MHlth_1819 =90 if ment3cond_1819 ==0

```



Title V Block Grant Measures: National Performance and Outcome Measures

```
replace nom18MHlth_1819 =99 if ment3cond_1819 ==99 | k4q22_r ==.m
replace nom18MHlth_1819 =90 if sc_age_years <3
label var nom18MHlth_1819 "NOM 18: Mental health treatment or counseling, age 3-17 years with a
mental/behavioral condition"

#delimit ;
label define nom18MHlth
1 "Received treatment"
2 "Needed treatment, did not receive"
90 "Age 0-2 years/Do not have conditions"
99 "Missing"
;#delimit cr
label values nom18MHlth_1819 nom18MHlth
```

Title V Block Grant Measures: National Performance and Outcome Measures

|  |  |
|--|--|
| <b>NOM 19</b>  | <b>Overall health status (nom19ChHSt_1819)</b>   |
| <b>Description</b>   | 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<br>Variable in public use data file: K2Q01 |
| <b>Denominator</b>   | Children age 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>STATA Syntax and Annotation</b>   |  |
| <pre> gen ChHlthSt_1819 =. replace ChHlthSt_1819 = 1 if k2q01 == 1 replace ChHlthSt_1819 = 1 if k2q01 == 2 replace ChHlthSt_1819 = 2 if k2q01 == 3 replace ChHlthSt_1819 = 3 if k2q01 == 4 replace ChHlthSt_1819 = 3 if k2q01 == 5 replace ChHlthSt_1819 = 99 if k2q01 ==.m label var ChHlthSt_1819 "Indicator 1.1: Children's overall health status"  #delimit ; label define ChH1thSt 1 "Excellent or very good" 2 "Good" 3 "Fair or Poor" 99 "Missing" ; #delimit cr label values ChHlthSt_1819 ChH1thSt  gen nom19ChHSt_1819 = ChHlthSt_1819 label var nom19ChHSt_1819 "NOM 19: Overall health status"  #delimit ; label define nom19ChHSt 1 "Excellent or very good" </pre> |  |

Title V Block Grant Measures: National Performance and Outcome Measures

```
2 "Good"  
3 "Fair or Poor"  
99 "Missing"  
;#delimit cr  
label values nom19ChHSt_1819 nom19ChHSt
```

Title V Block Grant Measures: National Performance and Outcome Measures

|   |  |
|---|--|
| <b>NOM 20</b>   | <b>Obesity, age 10-17 years (nom20Obese_1819)</b>  |
| <b>Description</b>  | Percent of adolescents, age 10-17 years, 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<br>Variable name in public use file: BMICLASS (derived)   |
| <b>Denominator</b>  | Children age 10-17 years   |
| <b>Numerator/Response Categories</b>  | Underweight (less than 5 <sup>th</sup> percentile); Normal weight (5 <sup>th</sup> to 84 <sup>th</sup> percentile); Overweight (85 <sup>th</sup> to 94 <sup>th</sup> percentile); Obese (95 <sup>th</sup> 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. Obesity 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>STATA Syntax and Annotation</b>  |  |
| <pre>gen BMI4_1819 = bmiclass replace BMI4_1819 = 95 if sc_age_years &lt;10 replace BMI4_1819 = 99 if bmiclass == .m label var BMI4_1819 "Indicator 1.4: Weight status (BMI) in 4 categories, age 10-17 years"  #delimit ; label define BMI4 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)" 95 "Children age 0-9 years" 99 "Missing"</pre>   |  |

```
;  
#delimit cr  
label values BMI4_1819 BMI4  
  
gen nom20Obese_1819 = BMI4_1819  
label var nom20Obese_1819 "NOM 20: Obesity, age 10-17 years"  
  
#delimit ;  
label define nom20Obese  
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)"  
95 "Children age 0-9 years"  
99 "Missing"  
;  
#delimit cr  
label values nom20Obese_1819 nom20Obese
```

Title V Block Grant Measures: National Performance and Outcome Measures

|  |   |
|--|---|
| <b>NOM 25</b>  | <b>Forgone health care (nom25ForgoneHC_1819)</b>  |
| <b>Description</b>   | 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: C25(2018), C23(2019); for children 6-11 years: C23 ; for children 12-17 years: C24<br>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   |
| <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>STATA Syntax and Annotation</b>   |   |
| <pre>gen nom25ForgoneHC_1819 = k4q27 replace nom25ForgoneHC_1819 =99 if nom25ForgoneHC_1819 ==.m label var nom25ForgoneHC_1819 "NOM 25: Forgone health care"  #delimit ; label define nom25ForgoneHC 1 "Did not receive needed health care" 2 "Received all needed/did not need health care" 99 "Missing" ;#delimit cr label values nom25ForgoneHC_1819 nom25ForgoneHC</pre> |   |

## Appendix A: Unweighted Frequency Tables

### Child and Family Health Measures and Subgroup Variables

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**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*.

**SECTION 1: Physical, Oral Health and Functional Status**

| Indicator 1.1: Children's overall health status |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Excellent or very good                          | 54,938        | 91.62         | 91.62  |
| Good  | 4,129         | 6.89          | 98.51  |
| Fair or Poor                                    | 751           | 1.25          | 99.76  |
| Missing   | 145           | 0.24          | 100.00 |
| <b>Total</b>                                    | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 1.2: Overall condition of children's teeth, age 1-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Excellent or very good   | 47,810        | 79.73         | 79.73  |
| Good   | 7,673         | 12.80         | 92.53  |
| Fair or Poor   | 2,342         | 3.91          | 96.43  |
| Children < 1 year/ with no teeth                                     | 2,007         | 3.35          | 99.78  |
| Missing  | 131           | 0.22          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 1.2a: Oral health problems, age 1-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| One or more oral health problems                     | 7,023         | 11.71         | 11.71  |
| No oral health problems                              | 50,913        | 84.91         | 96.62  |
| Children age less than 1 year                        | 1,915         | 3.19          | 99.81  |
| Missing  | 112           | 0.19          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Children who had toothaches during the past 12 months, age 1-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes   | 1,943         | 3.24          | 3.24   |
| No  | 55,789        | 93.04         | 96.28  |
| Children age less than 1 year   | 1,915         | 3.19          | 99.47  |
| Missing   | 316           | 0.53          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children who had bleeding gums during the past 12 months, age 1-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Yes  | 1,050         | 1.75          | 1.75   |
| No   | 56,551        | 94.31         | 96.06  |
| Children age less than 1 year  | 1,915         | 3.19          | 99.25  |
| Missing  | 447           | 0.75          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Children who had decayed teeth or cavities in the past 12 months, age 1-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Yes  | 5,793         | 9.66          | 9.66   |
| No   | 51,976        | 86.68         | 96.34  |
| Children age less than 1 year  | 1,915         | 3.19          | 99.53  |
| Missing  | 279           | 0.47          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |



Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Indicator 1.3: Breastfed ever, age 0-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 13,861 | 23.12   | 23.12  |
| No   | 2,655  | 4.43    | 27.54  |
| Children age 6-17 years                      | 43,213 | 72.07   | 99.61  |
| Missing                                      | 234    | 0.39    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 1.3a: Exclusively breastfed for first 6 months, age 6 months-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Never breastfed or given breast milk   | 2,560  | 4.27    | 4.27   |
| Exclusively breastfed for first 6 month  | 1,437  | 2.40    | 6.67   |
| Breastfed first 6 months, not exclusive  | 11,543 | 19.25   | 25.92  |
| Breastfed, exclusivity not known   | 81     | 0.14    | 26.05  |
| Children less than 6 months  | 906    | 1.51    | 27.56  |
| Children age 6-17 years  | 43,213 | 72.07   | 99.63  |
| Missing  | 223    | 0.37    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 1.4: Weight status (BMI) in 4 categories, age 10-17 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Underweight (less than 5th percentile)                              | 1,937  | 3.23    | 3.23   |
| Normal weight (5th to 84th percentile)                              | 19,959 | 33.29   | 36.52  |
| Overweight (85th to 94th percentile)                                | 4,485  | 7.48    | 44.00  |
| Obese (95th percentile or above)                                    | 4,047  | 6.75    | 50.74  |
| Children age 0-9 years  | 28,430 | 47.41   | 98.16  |
| Missing   | 1,105  | 1.84    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 1.4a: Weight status (BMI) in 3 categories, age 10-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Underweight (less than 5th percentile)                               | 1,937  | 3.23    | 3.23   |
| Healthy weight (5th to 84th percentile)                              | 19,959 | 33.29   | 36.52  |
| Overweight or obese (85th percentile or above)                       | 8,532  | 14.23   | 50.74  |
| Children age less than 1 year  | 28,430 | 47.41   | 98.16  |
| Missing  | 1,105  | 1.84    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 1.4b: Children who were told that they are overweight |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes   | 4,076  | 6.80    | 6.80   |
| No  | 55,643 | 92.80   | 99.59  |
| Missing   | 244    | 0.41    | 100.00 |
| Total   | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Indicator 1.5: Physical activity, age 6-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| 0 days   | 3,742         | 6.24          | 6.24   |
| 1-3 days   | 16,616        | 27.71         | 33.95  |
| 4-6 days   | 13,189        | 22.00         | 55.95  |
| Everyday   | 9,217         | 15.37         | 71.32  |
| Children age 0-5 years                           | 16,750        | 27.93         | 99.25  |
| Missing  | 449           | 0.75          | 100.00 |
| <b>Total</b>                                     | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 1.6: Parental concern about their children's weight |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes, concerned it is too high                                 | 4,533         | 7.56          | 7.56   |
| Yes, concerned it is too low                                  | 1,794         | 2.99          | 10.55  |
| No, not concerned   | 53,361        | 88.99         | 99.54  |
| Missing   | 275           | 0.46          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 1.7: Low birth weight (<2500 grams at birth) |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Child was born with low birth weight                   | 4,799         | 8.00          | 8.00   |
| Child did not have a low birth weight                  | 52,772        | 88.01         | 96.01  |
| Missing  | 2,392         | 3.99          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 1.7a: Low or very low birth weight |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Born with very low birth weight (<1500g)     | 706           | 1.18          | 1.18   |
| Born with low birth weight (1500-2500g)      | 4,093         | 6.83          | 8.00   |
| Not born with low birth weight               | 52,772        | 88.01         | 96.01  |
| Missing                                      | 2,392         | 3.99          | 100.00 |
| <b>Total</b>                                 | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 1.8: Premature birth (>3 weeks before due date) |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes   | 6,399         | 10.67         | 10.67  |
| No  | 52,577        | 87.68         | 98.35  |
| Missing   | 987           | 1.65          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 1.9: Number of current or lifelong health conditions |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| No health conditions   | 34,405        | 57.38         | 57.38  |
| Have 1 health condition  | 12,565        | 20.95         | 78.33  |
| Have 2 or more health conditions                               | 12,993        | 21.67         | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Prevalence of current allergies including food, drug, insect, or other |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not have condition  | 43,070        | 71.83         | 71.83  |
| Ever told, but no current condition                                    | 2,987         | 4.98          | 76.81  |
| Currently have condition   | 13,681        | 22.82         | 99.62  |
| Missing  | 225           | 0.38          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have arthritis |               |               |        |
|---------------------------------------|---------------|---------------|--------|
|                                       | Freq.         | Percent       | Cum.   |
| Do not have condition                 | 59,063        | 98.50         | 98.50  |
| Ever told, but no current condition   | 40            | 0.07          | 98.57  |
| Currently have condition              | 167           | 0.28          | 98.84  |
| Missing                               | 693           | 1.16          | 100.00 |
| <b>Total</b>                          | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have asthma  |               |               |        |
|-------------------------------------|---------------|---------------|--------|
|                                     | Freq.         | Percent       | Cum.   |
| Do not have condition               | 52,065        | 86.83         | 86.83  |
| Ever told, but no current condition | 2,583         | 4.31          | 91.14  |
| Currently have condition            | 4,707         | 7.85          | 98.99  |
| Missing                             | 608           | 1.01          | 100.00 |
| <b>Total</b>                        | <b>59,963</b> | <b>100.00</b> |        |

| Prevalence of blood disorders identified through a blood test |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Never had condition   | 59,538        | 99.29         | 99.29  |
| Ever told, but not through a blood test                       | 143           | 0.24          | 99.53  |
| Ever told, identified through a blood test                    | 158           | 0.26          | 99.79  |
| Missing   | 124           | 0.21          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have brain injury, concussion, or head injury |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not have condition  | 56,903        | 94.90         | 94.90  |
| Ever told, but no current condition                                  | 2,446         | 4.08          | 98.98  |
| Currently have condition   | 349           | 0.58          | 99.56  |
| Missing  | 265           | 0.44          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have cerebral palsy |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not have condition                      | 59,533        | 99.28         | 99.28  |
| Ever told, but no current condition        | 18            | 0.03          | 99.31  |
| Currently have condition                   | 174           | 0.29          | 99.60  |
| Missing                                    | 238           | 0.40          | 100.00 |
| <b>Total</b>                               | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Children who have cystic fibrosis |               |               |        |
|-----------------------------------|---------------|---------------|--------|
|                                   | Freq.         | Percent       | Cum.   |
| Never had condition               | 59,769        | 99.68         | 99.68  |
| Ever told                         | 43            | 0.07          | 99.75  |
| Missing                           | 151           | 0.25          | 100.00 |
| <b>Total</b>                      | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have diabetes |               |               |        |
|--------------------------------------|---------------|---------------|--------|
|                                      | Freq.         | Percent       | Cum.   |
| Do not have condition                | 59,442        | 99.13         | 99.13  |
| Ever told, but no current condition  | 36            | 0.06          | 99.19  |
| Currently have condition             | 248           | 0.41          | 99.60  |
| Missing                              | 237           | 0.40          | 100.00 |
| <b>Total</b>                         | <b>59,963</b> | <b>100.00</b> |        |

| Children who have Down Syndrome |               |               |        |
|---------------------------------|---------------|---------------|--------|
|                                 | Freq.         | Percent       | Cum.   |
| Never had condition             | 59,714        | 99.58         | 99.58  |
| Ever told                       | 104           | 0.17          | 99.76  |
| Missing                         | 145           | 0.24          | 100.00 |
| <b>Total</b>                    | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have epilepsy or seizure disorder |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not have condition                                    | 59,134        | 98.62         | 98.62  |
| Ever told, but no current condition                      | 258           | 0.43          | 99.05  |
| Currently have condition                                 | 377           | 0.63          | 99.68  |
| Missing  | 194           | 0.32          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Prevalence of a genetic or inherited condition identified through a blood test |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Never had condition  | 57,152        | 95.31         | 95.31  |
| Ever told, not through a blood test  | 2,026         | 3.38          | 98.69  |
| Ever told, was identified through a blood test                                 | 346           | 0.58          | 99.27  |
| Missing  | 439           | 0.73          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have a heart condition |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not have condition                         | 58,306        | 97.24         | 97.24  |
| Ever told, but no current condition           | 646           | 1.08          | 98.31  |
| Currently have condition                      | 821           | 1.37          | 99.68  |
| Missing                                       | 190           | 0.32          | 100.00 |
| <b>Total</b>                                  | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Prevalence of current frequent or severe headaches, age 3-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not have condition  | 49,589        | 82.70         | 82.70  |
| Ever told, but no current condition                                | 741           | 1.24          | 83.94  |
| Currently have condition   | 2,013         | 3.36          | 87.29  |
| Children age 0-2 years   | 7,427         | 12.39         | 99.68  |
| Missing  | 193           | 0.32          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have Tourette Syndrome, age 3-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not have condition   | 52,210        | 87.07         | 87.07  |
| Ever told, but no current condition                           | 30            | 0.05          | 87.12  |
| Currently have condition                                      | 118           | 0.20          | 87.32  |
| Children age 0-2 years  | 7,427         | 12.39         | 99.70  |
| Missing   | 178           | 0.30          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have anxiety problems, age 3-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not have condition  | 45,713        | 76.24         | 76.24  |
| Ever told, but no current condition                          | 807           | 1.35          | 77.58  |
| Currently have condition                                     | 5,658         | 9.44          | 87.02  |
| Children age 0-2 years                                       | 7,427         | 12.39         | 99.40  |
| Missing  | 358           | 0.60          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have depression, age 3-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not have condition                                  | 49,194        | 82.04         | 82.04  |
| Ever told, but no current condition                    | 621           | 1.04          | 83.08  |
| Currently have condition                               | 2,456         | 4.10          | 87.17  |
| Children age 0-2 years                                 | 7,427         | 12.39         | 99.56  |
| Missing  | 265           | 0.44          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have behavioral or conduct problems, age 3-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not have condition  | 47,565        | 79.32         | 79.32  |
| Ever told, but no current condition  | 934           | 1.56          | 80.88  |
| Currently have condition   | 3,776         | 6.30          | 87.18  |
| Children age 0-2 years   | 7,427         | 12.39         | 99.56  |
| Missing  | 261           | 0.44          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Children who currently have substance use disorder, age 6-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not have condition  | 42,829        | 71.43         | 71.43  |
| Ever told, but no current condition                                | 31            | 0.05          | 71.48  |
| Currently have condition   | 79            | 0.13          | 71.61  |
| Children age 0-5 years   | 16,750        | 27.93         | 99.54  |
| Missing  | 274           | 0.46          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have any developmental delay, age 3-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not have condition   | 48,456        | 80.81         | 80.81  |
| Ever told, but no current condition                                 | 970           | 1.62          | 82.43  |
| Currently have condition  | 2,827         | 4.71          | 87.14  |
| Children age 0-2 years  | 7,427         | 12.39         | 99.53  |
| Missing   | 283           | 0.47          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have intellectual disability, age 3-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not have condition   | 51,789        | 86.37         | 86.37  |
| Ever told, but no current condition                                 | 22            | 0.04          | 86.40  |
| Currently have condition  | 556           | 0.93          | 87.33  |
| Children age 0-2 years  | 7,427         | 12.39         | 99.72  |
| Missing   | 169           | 0.28          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have speech or other language disorder, age 3-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not have condition   | 47,733        | 79.60         | 79.60  |
| Ever told, but no current condition   | 1,832         | 3.06          | 82.66  |
| Currently have condition  | 2,756         | 4.60          | 87.26  |
| Children age 0-2 years  | 7,427         | 12.39         | 99.64  |
| Missing   | 215           | 0.36          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have a learning disability, age 3-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not have condition   | 48,227        | 80.43         | 80.43  |
| Ever told, but no current condition                               | 294           | 0.49          | 80.92  |
| Currently have condition  | 3,792         | 6.32          | 87.24  |
| Children age 0-2 years  | 7,427         | 12.39         | 99.63  |
| Missing   | 223           | 0.37          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Children who currently have Autism or ASD, age 3-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Does not have condition                                   | 50,666        | 84.50         | 84.50  |
| Ever told, but no current condition                       | 86            | 0.14          | 84.64  |
| Currently have condition                                  | 1,568         | 2.61          | 87.25  |
| Children age 0-2 years                                    | 7,427         | 12.39         | 99.64  |
| Missing   | 216           | 0.36          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children who currently have ADD or ADHD, age 3-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Does not have condition                                 | 46,053        | 76.80         | 76.80  |
| Ever told, but no current condition                     | 470           | 0.78          | 77.59  |
| Currently have condition                                | 5,416         | 9.03          | 86.62  |
| Children age 0-2 years                                  | 7,427         | 12.39         | 99.00  |
| Missing   | 597           | 1.00          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children who have deafness or problems with hearing |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Have problems with hearing                          | 749           | 1.25          | 1.25   |
| Do not have problems with hearing                   | 58,953        | 98.32         | 99.56  |
| Missing   | 261           | 0.44          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children who have blindness or problems with seeing, even when wearing glasses |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Have problems with seeing  | 852           | 1.42          | 1.42   |
| Do not have problems with seeing   | 58,899        | 98.23         | 99.65  |
| Missing  | 212           | 0.35          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of child's current allergies including food, drug, or other |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not currently have condition   | 46,057        | 76.81         | 76.81  |
| Current condition, mild   | 8,152         | 13.60         | 90.40  |
| Current condition, moderate/severe  | 5,484         | 9.15          | 99.55  |
| Missing   | 270           | 0.45          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of current arthritis |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not currently have condition            | 59,103        | 98.57         | 98.57  |
| Current condition, mild                    | 84            | 0.14          | 98.71  |
| Current condition, moderate/severe         | 82            | 0.14          | 98.84  |
| Missing                                    | 694           | 1.16          | 100.00 |
| <b>Total</b>                               | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Parent-rated severity of child's current asthma |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not currently have condition                 | 54,648        | 91.14         | 91.14  |
| Current condition, mild                         | 3,301         | 5.51          | 96.64  |
| Current condition, moderate/severe              | 1,377         | 2.30          | 98.94  |
| Missing   | 637           | 1.06          | 100.00 |
| <b>Total</b>                                    | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of child's blood disorder (such as sickle cell disease) |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Never had condition   | 59,538        | 99.29         | 99.29  |
| Ever told, mild   | 185           | 0.31          | 99.60  |
| Ever told, moderate/severe  | 112           | 0.19          | 99.79  |
| Missing   | 128           | 0.21          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of child's current brain/head injury, concussion |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not currently have condition  | 59,349        | 98.98         | 98.98  |
| Current condition, mild  | 141           | 0.24          | 99.21  |
| Current condition, moderate/severe                                     | 203           | 0.34          | 99.55  |
| Missing  | 270           | 0.45          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of child's current cerebral palsy |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not currently have condition                         | 59,551        | 99.31         | 99.31  |
| Current condition, mild                                 | 77            | 0.13          | 99.44  |
| Current condition, moderate/severe                      | 91            | 0.15          | 99.59  |
| Missing   | 244           | 0.41          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of child's current diabetes |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not currently have condition                   | 59,478        | 99.19         | 99.19  |
| Current condition, mild                           | 43            | 0.07          | 99.26  |
| Current condition, moderate/severe                | 199           | 0.33          | 99.59  |
| Missing   | 243           | 0.41          | 100.00 |
| <b>Total</b>                                      | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of child's current epilepsy or seizure disorder |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not currently have condition                                       | 59,392        | 99.05         | 99.05  |
| Current condition, mild   | 203           | 0.34          | 99.39  |
| Current condition, moderate/severe                                    | 165           | 0.28          | 99.66  |
| Missing   | 203           | 0.34          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |



Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Parent-rated severity of child's genetic or inherited condition |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Never had condition   | 57,152        | 95.31         | 95.31  |
| Ever told, mild   | 865           | 1.44          | 96.75  |
| Ever told, moderate/severe                                      | 1,494         | 2.49          | 99.25  |
| Missing   | 452           | 0.75          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of child's current heart condition |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not currently have condition                          | 58,952        | 98.31         | 98.31  |
| Current condition, mild                                  | 615           | 1.03          | 99.34  |
| Current condition, moderate/severe                       | 204           | 0.34          | 99.68  |
| Missing  | 192           | 0.32          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of current frequent or severe headaches, age 3-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not currently have condition   | 50,330        | 83.94         | 83.94  |
| Current condition, mild   | 1,008         | 1.68          | 85.62  |
| Current condition, moderate/severe  | 994           | 1.66          | 87.27  |
| Children age 0-2 years  | 7,427         | 12.39         | 99.66  |
| Missing   | 204           | 0.34          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of child's current Tourette Syndrome, age 3-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not currently have condition  | 52,240        | 87.12         | 87.12  |
| Current condition, mild  | 72            | 0.12          | 87.24  |
| Current condition, moderate/severe   | 45            | 0.08          | 87.32  |
| Children age 0-2 years   | 7,427         | 12.39         | 99.70  |
| Missing  | 179           | 0.30          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of child's current anxiety, age 3-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not currently have condition                                  | 46,520        | 77.58         | 77.58  |
| Current condition, mild  | 2,672         | 4.46          | 82.04  |
| Current condition, moderate/severe                               | 2,941         | 4.90          | 86.94  |
| Children age 0-2 years   | 7,427         | 12.39         | 99.33  |
| Missing  | 403           | 0.67          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Parent-rated severity of child's current depression, age 3-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not currently have condition                                     | 49,815        | 83.08         | 83.08  |
| Current condition, mild   | 1,217         | 2.03          | 85.11  |
| Current condition, moderate/severe                                  | 1,224         | 2.04          | 87.15  |
| Children age 0-2 years  | 7,427         | 12.39         | 99.53  |
| Missing   | 280           | 0.47          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of child's current behavioral problems, age 3-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not currently have condition  | 48,499        | 80.88         | 80.88  |
| Current condition, mild  | 1,667         | 2.78          | 83.66  |
| Current condition, moderate/severe   | 2,074         | 3.46          | 87.12  |
| Children age 0-2 years   | 7,427         | 12.39         | 99.51  |
| Missing  | 296           | 0.49          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of child's developmental delay, age 3-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not currently have condition                                      | 49,426        | 82.43         | 82.43  |
| Current condition, mild  | 1,287         | 2.15          | 84.57  |
| Current condition, moderate/severe                                   | 1,506         | 2.51          | 87.09  |
| Children age 0-2 years   | 7,427         | 12.39         | 99.47  |
| Missing  | 317           | 0.53          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of child's current intellectual disability, age 3-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not currently have condition  | 51,811        | 86.40         | 86.40  |
| Current condition, mild  | 183           | 0.31          | 86.71  |
| Current condition, moderate/severe   | 368           | 0.61          | 87.32  |
| Children age 0-2 years   | 7,427         | 12.39         | 99.71  |
| Missing  | 174           | 0.29          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of child's current language disorder, age 3-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not currently have condition  | 49,565        | 82.66         | 82.66  |
| Current condition, mild  | 1,625         | 2.71          | 85.37  |
| Current condition, moderate/severe   | 1,113         | 1.86          | 87.23  |
| Children age 0-2 years   | 7,427         | 12.39         | 99.61  |
| Missing  | 233           | 0.39          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Parent-rated severity of child's current learning disability, age 3-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not currently have condition  | 48,521        | 80.92         | 80.92  |
| Current condition, mild  | 1,864         | 3.11          | 84.03  |
| Current condition, moderate/severe   | 1,899         | 3.17          | 87.19  |
| Children age 0-2 years   | 7,427         | 12.39         | 99.58  |
| Missing  | 252           | 0.42          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of child's current autism/ASD, age 3-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not currently have condition                                     | 50,752        | 84.64         | 84.64  |
| Current condition, mild   | 798           | 1.33          | 85.97  |
| Current condition, moderate/severe                                  | 758           | 1.26          | 87.23  |
| Children age 0-2 years  | 7,427         | 12.39         | 99.62  |
| Missing   | 228           | 0.38          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Parent-rated severity of child's current ADD/ADHD, age 3-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not currently have condition                                   | 46,523        | 77.59         | 77.59  |
| Current condition, mild   | 2,295         | 3.83          | 81.41  |
| Current condition, moderate/severe                                | 3,066         | 5.11          | 86.53  |
| Children age 0-2 years  | 7,427         | 12.39         | 98.91  |
| Missing   | 652           | 1.09          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 1.10: One or more functional difficulties |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Did not have any difficulties                       | 43,385        | 72.35         | 72.35  |
| One functional difficulty                           | 10,222        | 17.05         | 89.40  |
| Two or more functional difficulties                 | 6,277         | 10.47         | 99.87  |
| Missing to all                                      | 79            | 0.13          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Difficulty with breathing or other respiratory problems |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes   | 4,873         | 8.13          | 8.13   |
| No  | 54,917        | 91.58         | 99.71  |
| Missing   | 173           | 0.29          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Difficulty with eating or swallowing |               |               |        |
|--------------------------------------|---------------|---------------|--------|
|                                      | Freq.         | Percent       | Cum.   |
| Yes                                  | 1,002         | 1.67          | 1.67   |
| No                                   | 58,710        | 97.91         | 99.58  |
| Missing                              | 251           | 0.42          | 100.00 |
| <b>Total</b>                         | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Difficulty with digesting food |               |               |        |
|--------------------------------|---------------|---------------|--------|
|                                | Freq.         | Percent       | Cum.   |
| Yes                            | 5,417         | 9.03          | 9.03   |
| No                             | 54,226        | 90.43         | 99.47  |
| Missing                        | 320           | 0.53          | 100.00 |
| <b>Total</b>                   | <b>59,963</b> | <b>100.00</b> |        |

| Difficulty with repeated or chronic physical pain |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes   | 4,815         | 8.03          | 8.03   |
| No  | 54,868        | 91.50         | 99.53  |
| Missing   | 280           | 0.47          | 100.00 |
| <b>Total</b>                                      | <b>59,963</b> | <b>100.00</b> |        |

| Difficulty using hands, age 0-5 years |               |               |        |
|---------------------------------------|---------------|---------------|--------|
|                                       | Freq.         | Percent       | Cum.   |
| Yes                                   | 1,028         | 1.71          | 1.71   |
| No                                    | 15,656        | 26.11         | 27.82  |
| Children age 6-17 years               | 43,213        | 72.07         | 99.89  |
| Missing                               | 66            | 0.11          | 100.00 |
| <b>Total</b>                          | <b>59,963</b> | <b>100.00</b> |        |

| Difficulty coordinating or moving around, age 0-5 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes   | 1,150         | 1.92          | 1.92   |
| No  | 15,514z       | 25.87         | 27.79  |
| Children age 6-17 years                                 | 43,213        | 72.07         | 99.86  |
| Missing   | 86            | 0.14          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Serious difficulty concentrating, remembering, making decisions, age 6-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes   | 4,623         | 7.71          | 7.71   |
| No  | 38,243        | 63.78         | 71.49  |
| Children age 0-5 years  | 16,750        | 27.93         | 99.42  |
| Missing   | 347           | 0.58          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Serious difficulty walking or climbing stairs, age 6-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes   | 400           | 0.67          | 0.67   |
| No  | 42,476        | 70.84         | 71.50  |
| Children age 0-5 years  | 16,750        | 27.93         | 99.44  |
| Missing   | 337           | 0.56          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Difficulty dressing or bathing, age 6-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Yes  | 709           | 1.18          | 1.18   |
| No   | 42,108        | 70.22         | 71.41  |
| Children age 0-5 years                         | 16,750        | 27.93         | 99.34  |
| Missing  | 396           | 0.66          | 100.00 |
| <b>Total</b>                                   | <b>59,963</b> | <b>100.00</b> |        |

| Difficulty doing errands alone, age 12-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes   | 1,132         | 1.89          | 1.89   |
| No  | 23,403        | 39.03         | 40.92  |
| Children age 0-11 years                         | 35,146        | 58.61         | 99.53  |
| Missing   | 282           | 0.47          | 100.00 |
| <b>Total</b>                                    | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 1.11: Children with special health care needs |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| CSHCN   | 13,997        | 23.34         | 23.34  |
| Non-CSHCN   | 45,966        | 76.66         | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children qualifying on prescription medication criteria |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not meet screening criteria                          | 49,635        | 82.78         | 82.78  |
| Meet screening criteria                                 | 10,328        | 17.22         | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children qualifying on elevated use of services criteria |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not meet screening criteria                           | 52,761        | 87.99         | 87.99  |
| Meet screening criteria                                  | 7,202         | 12.01         | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Children qualifying on functional limitations criteria |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not meet screening criteria                         | 56,655        | 94.48         | 94.48  |
| Meet screening criteria                                | 3,308         | 5.52          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Children qualifying on specialized therapy criteria |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not meet screening criteria                      | 56,467        | 94.17         | 94.17  |
| Meet screening criteria                             | 3,496         | 5.83          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Children qualifying on ongoing EDB conditions criteria |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not meet screening criteria                         | 53,783        | 89.69         | 89.69  |
| Meet screening criteria                                | 6,180         | 10.31         | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| CSHCN who have ongoing emotional, behavioral, or developmental issues |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Non-CSHCN   | 45,966        | 76.66         | 76.66  |
| CSHCN qualifying on EBD criteria                                      | 6,180         | 10.31         | 86.96  |
| CSHCN NOT qualifying on EBD criteria                                  | 7,817         | 13.04         | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| CSHCN who qualify on 1 or more of the 5 CSHCN Screener criteria |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Non-CSHCN   | 45,966        | 76.66         | 76.66  |
| Qualified on 1 screener criteria                                | 5,989         | 9.99          | 86.65  |
| Qualified on 2 screener criteria                                | 3,021         | 5.04          | 91.68  |
| Qualified on 3 screener criteria                                | 2,448         | 4.08          | 95.77  |
| Qualified on 4-5 screener criteria                              | 2,539         | 4.23          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children with specific types of special health care needs |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Non-CSHCN (no qualifying on Screener)                     | 45,966        | 76.66         | 76.66  |
| CSHCN - Functional limitations                            | 3,308         | 5.52          | 82.17  |
| CSHCN - Prescription medication only                      | 4,349         | 7.25          | 89.43  |
| CSHCN – Elevated use/specialized services                 | 2,440         | 4.07          | 93.50  |
| CSHCN - Rx AND elevated use of services                   | 3,900         | 6.50          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| CSHCN status and complexity of health care needs |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Non-CSHCN  | 45,966        | 76.66         | 76.66  |
| CSHCN with less complex health needs             | 4,349         | 7.25          | 83.91  |
| CSHCN with more complex health needs             | 9,648         | 16.09         | 100.00 |
| <b>Total</b>                                     | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 1.12: Effect of conditions on daily activities |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Do not have any conditions                               | 40,668        | 67.82         | 67.82  |
| Daily activities never affected                          | 9,428         | 15.72         | 83.54  |
| Moderately affected some of time                         | 7,285         | 12.15         | 95.69  |
| Consistently affected, often a great de                  | 2,035         | 3.39          | 99.09  |
| Missing to both items                                    | 547           | 0.91          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

**SECTION 2: Emotional and Mental Health**

| <b>Indicator 2.1: Children bully others, pick on them or exclude them, age 6-17 yea</b> |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Never (in the past 12 months)   | 33,735        | 56.26         | 56.26  |
| 1-2 times (in the past 12 months)   | 7,417         | 12.37         | 68.63  |
| 1-2 times per month   | 1,119         | 1.87          | 70.50  |
| 1-2 times per week  | 400           | 0.67          | 71.16  |
| Almost every day  | 139           | 0.23          | 71.39  |
| Children age 0-5 years  | 16,750        | 27.93         | 99.33  |
| Missing   | 403           | 0.67          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| <b>Indicator 2.2: Children who are bullied, picked on, or excluded by other children</b> |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Never (in the past 12 months)  | 21,015        | 35.05         | 35.05  |
| 1-2 times (in the past 12 months)  | 15,101        | 25.18         | 60.23  |
| 1-2 times per month  | 4,105         | 6.85          | 67.08  |
| 1-2 times per week   | 1,779         | 2.97          | 70.04  |
| Almost every day   | 790           | 1.32          | 71.36  |
| Children age 0-5 years   | 16,750        | 27.93         | 99.29  |
| Missing  | 423           | 0.71          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| <b>Indicator 2.3: Flourishing for young children, age 6 months-5 years</b> |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Usually/always responses to 0-2 items                                      | 380           | 0.63          | 0.63   |
| Usually/always responses to 3 items  | 1,726         | 2.88          | 3.51   |
| Usually/always responses to all 4 items                                    | 13,714        | 22.87         | 26.38  |
| Children age   | 906           | 1.51          | 27.89  |
| Children age 6-17 years  | 43,213        | 72.07         | 99.96  |
| Missing (missing to all)   | 24            | 0.04          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| <b>Children who bounce back quickly when things don't go their way, age 6 months-5 years</b> |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Always   | 8,072         | 13.46         | 13.46  |
| Usually  | 6,437         | 10.73         | 24.20  |
| Sometimes  | 1,179         | 1.97          | 26.16  |
| Never  | 92            | 0.15          | 26.32  |
| Children less than 6 months  | 906           | 1.51          | 27.83  |
| Children age 6-17 years  | 43,213        | 72.07         | 99.89  |
| Missing  | 64            | 0.11          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Children are affectionate and tender with parent, age 6 months-5 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Always   | 10,828        | 18.06         | 18.06  |
| Usually  | 4,568         | 7.62          | 25.68  |
| Sometimes  | 361           | 0.60          | 26.28  |
| Never  | 24            | 0.04          | 26.32  |
| Children less than 6 months  | 906           | 1.51          | 27.83  |
| Children age 6-17 years  | 43,213        | 72.07         | 99.89  |
| Missing  | 63            | 0.11          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Children who show interest and curiosity in learning new things, age 6 months-5 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Always  | 11,513        | 19.20         | 19.20  |
| Usually   | 3,607         | 6.02          | 25.22  |
| Sometimes   | 603           | 1.01          | 26.22  |
| Never   | 45            | 0.08          | 26.30  |
| Children less than 6 months   | 906           | 1.51          | 27.81  |
| Children age 6-17 years   | 43,213        | 72.07         | 99.87  |
| Missing   | 76            | 0.13          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children who smile and laugh a lot, age 6 months-5 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Always   | 12,589        | 20.99         | 20.99  |
| Usually  | 3,064         | 5.11          | 26.10  |
| Sometimes  | 129           | 0.22          | 26.32  |
| Never  | 8             | 0.01          | 26.33  |
| Children less than 6 months                              | 906           | 1.51          | 27.84  |
| Children age 6-17 years                                  | 43,213        | 72.07         | 99.91  |
| Missing  | 54            | 0.09          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 2.4: Flourishing for children and adolescents, age 6-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Usually/always responses to 0-1 items                                   | 5,817         | 9.70          | 9.70   |
| Usually/always responses to 2 items                                     | 7,581         | 12.64         | 22.34  |
| Usually/always responses to all 3 items                                 | 29,723        | 49.57         | 71.91  |
| Children age 0-5 years  | 16,750        | 27.93         | 99.85  |
| Missing (missing to all)  | 92            | 0.15          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children who show interest and curiosity in learning new things, age 6-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Always  | 24,925        | 41.57         | 41.57  |
| Usually   | 13,989        | 23.33         | 64.90  |
| Sometimes   | 3,984         | 6.64          | 71.54  |
| Never   | 159           | 0.27          | 71.81  |
| Children age 0-5 years  | 16,750        | 27.93         | 99.74  |
| Missing   | 156           | 0.26          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |



Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Children who stay calm and in control when faced with a challenge, age 6-17 year |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Always   | 10,343        | 17.25         | 17.25  |
| Usually  | 22,838        | 38.09         | 55.34  |
| Sometimes  | 8,979         | 14.97         | 70.31  |
| Never  | 668           | 1.11          | 71.42  |
| Children age 0-5 years   | 16,750        | 27.93         | 99.36  |
| Missing  | 385           | 0.64          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Children who work to finish the tasks they start, age 6-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Always   | 15,043        | 25.09         | 25.09  |
| Usually  | 21,122        | 35.23         | 60.31  |
| Sometimes  | 5,981         | 9.97          | 70.29  |
| Never  | 357           | 0.60          | 70.88  |
| Children age 0-5 years   | 16,750        | 27.93         | 98.82  |
| Missing  | 710           | 1.18          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 2.5: Argues too much, age 6-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Always   | 1,943         | 3.24          | 3.24   |
| Usually  | 4,212         | 7.02          | 10.26  |
| Sometimes                                      | 25,556        | 42.62         | 52.88  |
| Never  | 11,058        | 18.44         | 71.33  |
| Children age 0-5 years                         | 16,750        | 27.93         | 99.26  |
| Missing  | 444           | 0.74          | 100.00 |
| <b>Total</b>                                   | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 2.6: Difficulties making or keeping friends, age 6-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| No difficulty   | 32,115        | 53.56         | 53.56  |
| A little difficulty   | 8,443         | 14.08         | 67.64  |
| A lot difficulty  | 2,198         | 3.67          | 71.30  |
| Children age 0-5 years  | 16,750        | 27.93         | 99.24  |
| Missing   | 457           | 0.76          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 2.7: Children who currently have ADD/ADHD, age 3-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Do not have condition   | 46,053        | 76.80         | 76.80  |
| Ever told, but do not currently have co                             | 470           | 0.78          | 77.59  |
| Currently have condition  | 5,416         | 9.03          | 86.62  |
| Children age 0-2 years  | 7,427         | 12.39         | 99.00  |
| Missing   | 597           | 1.00          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Indicator 2.7a: Parent-rated severity of current ADD/ADHD, age 3-17 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Do not have condition   | 46,523 | 77.59   | 77.59  |
| Current condition, rated mild   | 2,295  | 3.83    | 81.41  |
| Current condition, rated moderate/severe                                  | 3,066  | 5.11    | 86.53  |
| Children age 0-2 years  | 7,427  | 12.39   | 98.91  |
| Missing   | 652    | 1.09    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 2.7b: Children currently taking medication for ADD or ADHD, age 3-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Do not have condition  | 46,523 | 77.59   | 77.59  |
| Current condition, not taking medication   | 1,917  | 3.20    | 80.78  |
| Current condition, taking medication   | 3,476  | 5.80    | 86.58  |
| Children age 0-2 years   | 7,427  | 12.39   | 98.97  |
| Missing  | 620    | 1.03    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 2.7c: Received behavioral treatment for ADD/ADHD, age 3-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Do not currently have condition  | 46,523 | 77.59   | 77.59  |
| Did not receive behavioral treatment                                       | 2,877  | 4.80    | 82.38  |
| Received behavioral treatment  | 2,523  | 4.21    | 86.59  |
| Children age 0-2 year  | 7,427  | 12.39   | 98.98  |
| Missing to both questions  | 613    | 1.02    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 2.8: Children who currently have autism or ASD, age 3-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Do not have condition  | 50,666 | 84.50   | 84.50  |
| Ever told, but do not currently have co                                  | 86     | 0.14    | 84.64  |
| Currently have condition   | 1,568  | 2.61    | 87.25  |
| Children age 0-2 years   | 7,427  | 12.39   | 99.64  |
| Missing  | 216    | 0.36    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 2.8a: Parent-rated severity of current autism or ASD, age 3-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Do not currently have ASD  | 50,752 | 84.64   | 84.64  |
| Current ASD, mild  | 798    | 1.33    | 85.97  |
| Current ASD, rated moderate or severe  | 758    | 1.26    | 87.23  |
| Children age 0-2 years   | 7,427  | 12.39   | 99.62  |
| Missing  | 228    | 0.38    | 100.00 |
| Total  | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Indicator 2.8b: Children currently taking medication for autism or ASD, age 3-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Do not currently have condition  | 50,752 | 84.64   | 84.64  |
| Current condition, not taking medication   | 1,122  | 1.87    | 86.51  |
| Current condition, taking medication   | 439    | 0.73    | 87.24  |
| Children age 0-2 year  | 7,427  | 12.39   | 99.63  |
| Missing to both questions  | 223    | 0.37    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 2.8c: Received behavioral treatment for autism or ASD, age 3-17 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Do not currently have condition   | 50,752 | 84.64   | 84.64  |
| Did not receive behavioral treatment  | 607    | 1.01    | 85.65  |
| Received behavioral treatment   | 953    | 1.59    | 87.24  |
| Children age 0-2 year   | 7,427  | 12.39   | 99.63  |
| Missing   | 224    | 0.37    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 2.8d: Age of diagnosis for autism or ASD, age 3-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| At younger than 3 years of age                                     | 318    | 0.53    | 0.53   |
| Between 3-5 years of age   | 651    | 1.09    | 1.62   |
| At older than 5 years of age                                       | 575    | 0.96    | 2.57   |
| Never told that child has ASD                                      | 50,666 | 84.50   | 87.07  |
| Children age 0-2 year  | 7,427  | 12.39   | 99.46  |
| Don't know/Missing   | 326    | 0.54    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 2.8e: Type of doctor who was the first to tell that the child had autism/ASD, age 3-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Primary care provider  | 241    | 0.40    | 0.40   |
| Specialist   | 534    | 0.89    | 1.29   |
| Psychologist/Counselor (school or non-s)   | 490    | 0.82    | 2.11   |
| Psychiatrist   | 181    | 0.30    | 2.41   |
| Other health care provider   | 141    | 0.24    | 2.65   |
| Never told that child has autism/ASD   | 50,666 | 84.50   | 87.14  |
| Children age 0-2 year  | 7,427  | 12.39   | 99.53  |
| Don't know/Missing   | 283    | 0.47    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 2.9: Children who are taking medication for ADD/ADHD, ASD, difficulties with emotions, concentration, or behavior, age 3-17 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes   | 5,590  | 9.32    | 9.32   |
| No  | 46,349 | 77.30   | 86.62  |
| Children age 0-2 year   | 7,427  | 12.39   | 99.00  |
| Missing   | 597    | 1.00    | 100.00 |
| Total   | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Indicator 2.10: Children with mental, emotional, developmental or behavioral conditions, age 3-17 |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes   | 13,110 | 21.86   | 21.86  |
| No  | 39,426 | 65.75   | 87.61  |
| Children age 0-2 years  | 7,427  | 12.39   | 100.00 |
| Total   | 59,963 | 100.00  |        |

### SECTION 3: Health Insurance Coverage

| Indicator 3.1: Health insurance status at time of survey |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Insured at time of survey                                | 56,974        | 95.02         | 95.02  |
| Not insured/Indian HS/religious health                   | 2,761         | 4.60          | 99.62  |
| Missing to any   | 228           | 0.38          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 3.2: Children who had consistent health insurance coverage during the past 12 months |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Consistently insured throughout past year  | 55,821        | 93.09         | 93.09  |
| Currently uninsured/had a gap in coverage  | 3,577         | 5.97          | 99.06  |
| Missing  | 565           | 0.94          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Children who were not covered by health insurance due to change in parent's employment status |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Gap related to employment change  | 952           | 1.59          | 1.59   |
| Gap not related to employment change  | 2,502         | 4.17          | 5.76   |
| Insured continuously all year   | 55,821        | 93.09         | 98.85  |
| Missing   | 688           | 1.15          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children who were not covered by health insurance because of cancellation due to overdue premium |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Gap related to overdue premium   | 134           | 0.22          | 0.22   |
| Gap not related to overdue premium   | 3,320         | 5.54          | 5.76   |
| Insured continuously all year  | 55,821        | 93.09         | 98.85  |
| Missing  | 688           | 1.15          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Dropped health insurance coverage because it was unaffordable |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Gap related to unaffordability                                | 694           | 1.16          | 1.16   |
| Gap not related to unaffordability                            | 2,760         | 4.60          | 5.76   |
| Insured continuously all year                                 | 55,821        | 93.09         | 98.85  |
| Missing   | 688           | 1.15          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Dropped health insurance coverage because benefits were inadequate |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Gap related to inadequacy of coverage                              | 207           | 0.35          | 0.35   |
| Gap not related to inadequacy of coverage                          | 3,247         | 5.42          | 5.76   |
| Insured continuously all year                                      | 55,821        | 93.09         | 98.85  |
| Missing  | 688           | 1.15          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Dropped health insurance coverage because choice of health care provider was inadequate |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Gap related to inadequacy of provider options   | 140           | 0.23          | 0.23   |
| Gap not related to provider options   | 3,314         | 5.53          | 5.76   |
| Insured continuously all year   | 55,821        | 93.09         | 98.85  |
| Missing   | 688           | 1.15          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Child was not covered by insurance due to problems with application or renewal process |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Gap related to renewal or application process  | 761           | 1.27          | 1.27   |
| Gap not related to renewal or application process                                      | 2,693         | 4.49          | 5.76   |
| Insured continuously all year  | 55,821        | 93.09         | 98.85  |
| Missing  | 688           | 1.15          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 3.3: Type of health insurance at time of the survey |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Public health insurance only                                  | 12,077        | 20.14         | 20.14  |
| Private health insurance only                                 | 42,026        | 70.09         | 90.23  |
| Public and private insurance                                  | 2,217         | 3.70          | 93.92  |
| Currently uninsured   | 2,761         | 4.60          | 98.53  |
| Missing   | 882           | 1.47          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 3.4: Adequacy of current insurance coverage |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Insurance is adequate                                 | 40,002        | 66.71         | 66.71  |
| Insurance is NOT adequate                             | 16,881        | 28.15         | 94.86  |
| Uninsured   | 2,761         | 4.60          | 99.47  |
| Missing to all  | 319           | 0.53          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Current insurance benefits meet children's needs |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Always   | 36,370        | 60.65         | 60.65  |
| Usually  | 16,631        | 27.74         | 88.39  |
| Sometimes or never                               | 3,641         | 6.07          | 94.46  |
| Uninsured  | 2,761         | 4.60          | 99.07  |
| Missing  | 560           | 0.93          | 100.00 |
| <b>Total</b>                                     | <b>59,963</b> | <b>100.00</b> |        |

| Current insurance coverage allows children to see needed providers |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Always   | 43,683        | 72.85         | 72.85  |
| Usually  | 10,882        | 18.15         | 91.00  |
| Sometimes or never   | 2,061         | 3.44          | 94.43  |
| Uninsured  | 2,761         | 4.60          | 99.04  |
| Missing  | 576           | 0.96          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Current insurance out-of-pocket costs are reasonable |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Always   | 9,365         | 15.62         | 15.62  |
| Usually  | 18,400        | 30.69         | 46.30  |
| Sometimes or never                                   | 15,558        | 25.95         | 72.25  |
| No out-of-pocket costs                               | 13,064        | 21.79         | 94.04  |
| Uninsured  | 2,761         | 4.60          | 98.64  |
| Missing  | 815           | 1.36          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 3.4a: Adequate and continuous insurance |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Consistently insured and insurance is adequate    | 39,501        | 65.88         | 65.88  |
| Had coverage gap or inadequate insurance          | 20,254        | 33.78         | 99.65  |
| Missing to any                                    | 208           | 0.35          | 100.00 |
| <b>Total</b>                                      | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 3.5: Adequacy of insurance coverage for mental/behavioral health care, age 3-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Always  | 5,121         | 8.54          | 8.54   |
| Usually   | 3,058         | 5.10          | 13.64  |
| Sometimes or never  | 2,876         | 4.80          | 18.44  |
| Did not receive MH services/Uninsured   | 40,917        | 68.24         | 86.67  |
| Children age 0-2 years  | 7,427         | 12.35         | 99.03  |
| Missing   | 564           | 0.97          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 3.6: Out-of-pocket costs for child's health care during the past 12 months |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Less than \$250  | 30,453        | 50.79         | 50.79  |
| \$250 - \$499  | 10,202        | 17.01         | 67.80  |
| \$500 - \$999  | 7,912         | 13.19         | 80.99  |
| \$1000 - \$5000  | 9,051         | 15.09         | 96.09  |
| More than \$5000   | 1,655         | 2.76          | 98.85  |
| Missing  | 690           | 1.15          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

**SECTION 4: Health Care Access and Quality**

| <b>Indicator 4.1b: Time with doctor during last preventive check-up</b> |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Less than 10 minutes  | 8,651         | 14.43         | 14.43  |
| 10-20 minutes   | 30,811        | 51.38         | 65.81  |
| More than 20 minutes  | 8,482         | 14.15         | 79.96  |
| No preventive care visits   | 11,622        | 19.38         | 99.34  |
| Missing   | 397           | 0.66          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| <b>Indicator 4.1c: Children whose doctors spoke with them privately, age 12-17 years</b> |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Yes  | 11,297        | 18.84         | 18.84  |
| No   | 8,717         | 14.54         | 33.38  |
| No medical care visits   | 4,560         | 7.60          | 40.98  |
| Children age 0-11 years  | 35,146        | 58.61         | 99.59  |
| Missing  | 243           | 0.41          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| <b>Indicator 4.2: Children who received dental care during the past 12 months, age 1-17 years</b> |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Saw a dentist   | 48,514        | 80.91         | 80.91  |
| Saw other oral health care provider   | 1,186         | 1.98          | 82.88  |
| No dental or oral health care visits  | 8,229         | 13.72         | 96.61  |
| Children less than 1 year old   | 1,915         | 3.19          | 99.80  |
| Missing   | 119           | 0.20          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| <b>Indicator 4.2a: Children who had 1 or more preventive dental care visits, age 1-17 years</b> |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| One or more preventive visits   | 48,232        | 80.44         | 80.44  |
| No preventive visits  | 9,521         | 15.88         | 96.31  |
| Children less than 1 year old   | 1,915         | 3.19          | 99.51  |
| Missing   | 295           | 0.49          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| <b>Children who received dental check-up during the past 12 months, age 1-17 years</b> |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Received dental check-up   | 45,088        | 75.19         | 75.19  |
| Preventive dental care, not dental check   | 2,913         | 4.86          | 80.05  |
| Did not receive preventive dental care   | 9,521         | 15.88         | 95.93  |
| Children less than 1 year old  | 1,915         | 3.19          | 99.12  |
| Missing  | 526           | 0.88          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |



Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Children who received dental cleaning during the past 12 months, age 1-17 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Had dental cleaning   | 44,590 | 74.36   | 74.36  |
| Preventive dental care, not cleaning  | 3,411  | 5.69    | 80.05  |
| Did not receive preventive dental care  | 9,521  | 15.88   | 95.93  |
| Children less than 1 year old   | 1,915  | 3.19    | 99.12  |
| Missing   | 526    | 0.88    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Children who received instruction on oral health care during the past 12 months, age 1-17 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Received instruction on oral health car   | 27,398 | 45.69   | 45.69  |
| Preventive dental care, but not instructions  | 20,587 | 34.33   | 80.02  |
| Did not receive preventive dental care  | 9,521  | 15.88   | 95.90  |
| Children less than 1 year old   | 1,915  | 3.19    | 99.10  |
| Missing   | 542    | 0.90    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Children who received dental X-rays during the past 12 months |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Had dental X-ray  | 28,969 | 48.31   | 48.31  |
| Preventive dental care, but not X-ray                         | 19,018 | 31.72   | 80.03  |
| Did not receive preventive dental care                        | 9,521  | 15.88   | 95.91  |
| Children less than 1 year old                                 | 1,915  | 3.19    | 99.10  |
| Missing   | 540    | 0.90    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Children who received fluoride treatment during the past 12 months, age 1-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Received fluoride treatment  | 29,628 | 49.41   | 49.41  |
| Preventive dental care, not fluoride treatment                                     | 18,360 | 30.62   | 80.03  |
| Did not receive preventive dental care   | 9,521  | 15.88   | 95.91  |
| Children less than 1 year old  | 1,915  | 3.19    | 99.10  |
| Missing  | 539    | 0.90    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Children who received dental sealant during the past 12 months, age 1-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Had dental sealant   | 10,147 | 16.92   | 16.92  |
| Preventive dental care, not dental seal  | 37,833 | 63.09   | 80.02  |
| Did not receive preventive dental care   | 9,521  | 15.88   | 95.89  |
| Children less than 1 year old  | 1,915  | 3.19    | 99.09  |
| Missing  | 547    | 0.91    | 100.00 |
| Total  | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Indicator 4.4: Children who received treatment/counseling from a MH Professional, age 1-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Received mental health care  | 6,587  | 10.99   | 10.99  |
| No, but needed to see a MH professional  | 1,120  | 1.87    | 12.85  |
| No, did not need to see a MH professional  | 44,573 | 74.33   | 87.19  |
| Children age 0-2 years   | 7,427  | 12.39   | 99.57  |
| Missing  | 256    | 0.43    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 4.4a: Difficulties obtaining mental health care, age 3-17 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Not difficult   | 4,473  | 7.46    | 7.46   |
| Somewhat difficult  | 1,962  | 3.27    | 10.73  |
| Very difficult  | 881    | 1.47    | 12.20  |
| It was not possible to obtain care  | 213    | 0.36    | 12.56  |
| Did not need to see a MH professional                                     | 44,573 | 74.33   | 86.89  |
| Children age 0-2 years  | 7,427  | 12.39   | 99.28  |
| Missing   | 434    | 0.72    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 4.5: Received care from a specialist doctor |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Received care from a specialist                       | 10,010 | 16.69   | 16.69  |
| No, but needed to see a specialist                    | 856    | 1.43    | 18.12  |
| No, did not need to see a specialist                  | 48,669 | 81.17   | 99.29  |
| Missing   | 428    | 0.71    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 4.5a: Difficulty obtaining specialist care |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Not difficult  | 8,372  | 13.96   | 13.96  |
| Somewhat difficult                                   | 1,739  | 2.90    | 16.86  |
| Very difficult                                       | 400    | 0.67    | 17.53  |
| It was not possible to obtain care                   | 127    | 0.21    | 17.74  |
| Did not need to see a specialist                     | 48,669 | 81.17   | 98.91  |
| Missing  | 656    | 1.09    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 4.6: Children who received vision screening during the past 12 months |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Received vision screening   | 40,487 | 67.52   | 67.52  |
| Did not receive vision screening  | 19,319 | 32.22   | 99.74  |
| Missing   | 157    | 0.26    | 100.00 |
| Total   | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Vision was tested at eye doctor or eye specialist's office |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Received vision test at eye specialist                     | 22,767        | 37.97         | 37.97  |
| Received vision test, not at eye specialist                | 17,567        | 29.30         | 67.26  |
| Did not receive vision screening                           | 19,319        | 32.22         | 99.48  |
| Missing  | 310           | 0.52          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Vision was tested at pediatrician or other general doctor's office |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Received vision test at pediatrician or doctor's office            | 16,050        | 26.77         | 26.77  |
| Received vision test, not at pediatrician or doctor's office       | 24,284        | 40.50         | 67.26  |
| Did not receive vision screening                                   | 19,319        | 32.22         | 99.48  |
| Missing  | 310           | 0.52          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Vision was tested at clinic or health center |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Received vision test at clinic               | 1,352         | 2.25          | 2.25   |
| Received vision test, but not at clinic      | 38,982        | 65.01         | 67.26  |
| Did not receive vision screening             | 19,319        | 32.22         | 99.48  |
| Missing                                      | 310           | 0.52          | 100.00 |
| <b>Total</b>                                 | <b>59,963</b> | <b>100.00</b> |        |

| Vision was tested at school         |               |               |        |
|-------------------------------------|---------------|---------------|--------|
|                                     | Freq.         | Percent       | Cum.   |
| Received vision test at school      | 8,427         | 14.05         | 14.05  |
| Received vision test, not at school | 31,907        | 53.21         | 67.26  |
| Did not receive vision screening    | 19,319        | 32.22         | 99.48  |
| Missing                             | 310           | 0.52          | 100.00 |
| <b>Total</b>                        | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 4.7: Hospital emergency room visits in the past 12 months |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| None  | 49,484        | 82.52         | 82.52  |
| 1 time  | 8,078         | 13.47         | 96.00  |
| 2 or more times   | 2,149         | 3.58          | 99.58  |
| Missing   | 252           | 0.42          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| 4.7a: Hospital stay for at least one night |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Yes  | 2,110         | 3.52          | 3.52   |
| No   | 57,639        | 96.12         | 99.64  |
| Missing                                    | 214           | 0.36          | 100.00 |
| <b>Total</b>                               | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Indicator 4.8: Use of alternative health care or treatment during the past 12 months |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 5,185  | 8.65    | 8.65   |
| No   | 54,182 | 90.36   | 99.01  |
| Missing  | 596    | 0.99    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 4.9: Doctor asked about parental concerns, age 0-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  |        |         |        |
| No   | 10,371 | 17.30   | 26.44  |
| Did not use any of 4 services                                      | 848    | 1.41    | 27.86  |
| Children age 6-17 years  | 43,213 | 72.07   | 99.92  |
| Missing  | 46     | 0.08    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 4.10: Percent of children who received developmental screening, age 9-35 months |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Completed developmental screening   | 2,320  | 3.87    | 3.87   |
| Did not complete developmental screening  | 3,603  | 6.01    | 9.88   |
| Children age 0-8 months or 3-5 years  | 10,724 | 17.88   | 27.76  |
| Children age 6-17 years   | 43,213 | 72.07   | 99.83  |
| Missing   | 103    | 0.17    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 4.11: Children currently receive special services |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Currently receive special services                          | 4,518  | 7.53    | 7.53   |
| Do not currently receive services                           | 54,784 | 91.36   | 98.90  |
| Missing   | 661    | 1.10    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 4.11a: Age start receiving special services to meet child's developmental needs |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| At age less than 3 years old  | 2,637  | 4.40    | 4.40   |
| At age 3-5 years old  | 4,159  | 6.94    | 11.33  |
| At age 6-17 years old   | 3,035  | 5.06    | 16.40  |
| Never received the services   | 49,299 | 82.22   | 98.61  |
| Missing to both   | 833    | 1.39    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 4.12: Children who receive coordinated, ongoing, comprehensive care with medical home |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Care met medical home criteria  | 32,027 | 53.41   | 53.41  |
| Care did not meet medical home criteria   | 27,891 | 46.51   | 99.92  |
| Missing to all  | 45     | 0.08    | 100.00 |
| Total   | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Indicator 4.12a: MH Component: Children with a personal doctor or nurse |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Have at least one PDN   | 45,934        | 76.60         | 76.60  |
| Do not have a personal doctor or nurse                                  | 13,730        | 22.90         | 99.50  |
| Missing   | 299           | 0.50          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 4.12b: MH Component: Usual source for sick care |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Have usual sources for sick care                          | 48,670        | 81.17         | 81.17  |
| Do not have usual sources for sick care                   | 10,582        | 17.65         | 98.81  |
| Missing   | 711           | 1.19          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 4.12c: MH Component: Children who received family-centered care |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Did not have health care visits   | 9,486         | 15.82         | 15.82  |
| Received family-centered care   | 44,339        | 73.94         | 89.76  |
| Did not receive family-centered care                                      | 5,383         | 8.98          | 98.74  |
| Missing to all  | 755           | 1.26          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Doctors spent enough time with children              |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Did not have health care visit in the past 12 months | 9,486         | 15.82         | 15.82  |
| Always   | 31,953        | 53.29         | 69.11  |
| Usually  | 14,333        | 23.90         | 93.01  |
| Sometimes or never                                   | 3,374         | 5.63          | 98.64  |
| Missing  | 817           | 1.36          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Doctors listened carefully                           |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Did not have health care visit in the past 12 months | 9,486         | 15.82         | 15.82  |
| Always   | 35,924        | 59.91         | 75.73  |
| Usually  | 11,645        | 19.42         | 95.15  |
| Sometimes or never                                   | 1,997         | 3.33          | 98.48  |
| Missing  | 911           | 1.52          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Doctors showed sensitivity to children's family's values and customs |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Did not have health care visit in the p                              | 9,486         | 15.82         | 15.82  |
| Always   | 37,527        | 62.58         | 78.40  |
| Usually  | 10,007        | 16.69         | 95.09  |
| Sometimes or never   | 2,001         | 3.34          | 98.43  |
| Missing  | 942           | 1.57          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Doctors provided information specific to parents' concerns |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Did not have health care visit in the p                    | 9,486  | 15.82   | 15.82  |
| Always   | 36,862 | 61.47   | 77.29  |
| Usually  | 10,823 | 18.05   | 95.34  |
| Sometimes or never   | 1,852  | 3.09    | 98.43  |
| Missing  | 940    | 1.57    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Doctors helped parents feel like partners in child's care |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| not have health care visit in the past 12 months          | 9,486  | 15.82   | 15.82  |
| Always  | 36,940 | 61.60   | 77.42  |
| Usually   | 10,197 | 17.01   | 94.43  |
| Sometimes or never  | 2,405  | 4.01    | 98.44  |
| Missing   | 935    | 1.56    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 4.12d: MH Component: Difficulties getting referrals |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Did not need referrals  | 48,410 | 80.73   | 80.73  |
| Not difficult   | 9,431  | 15.73   | 96.46  |
| Somewhat difficult  | 1,419  | 2.37    | 98.83  |
| Very difficult  | 309    | 0.52    | 99.34  |
| It was not possible to obtain care                            | 67     | 0.11    | 99.45  |
| Missing to all  | 327    | 0.55    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 4.12e: MH Component: Effective care coordination, all children |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Did not need care coordination   | 28,522 | 47.57   | 47.57  |
| Received needed care coordination  | 21,632 | 36.08   | 83.64  |
| Did not receive needed care coordination                                 | 9,212  | 15.36   | 99.00  |
| Missing to all   | 597    | 1.00    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Children whose family got help with arranging or coordinating child's health care among those who needed during the past 12 months |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 7,863  | 13.11   | 13.11  |
| No   | 22,037 | 36.75   | 49.86  |
| Did not see more than 1 provider   | 29,251 | 48.78   | 98.65  |
| Missing to all   | 812    | 1.35    | 100.00 |
| Total  | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Family needed extra help to coordinate child's health care |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 2,575  | 4.29    | 4.29   |
| No   | 27,151 | 45.28   | 49.57  |
| Did not see more than 1 providers                          | 29,251 | 48.78   | 98.36  |
| Missing to all   | 986    | 1.64    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Got needed extra help with care coordination             |        |         |        |
|--|--------|---------|--------|
|  | Freq   | Percent | Cum.   |
| Usually got help that was needed                         | 653    | 1.09    | 1.09   |
| Sometimes got help that was needed                       | 1,218  | 2.03    | 3.12   |
| Never got help that was needed                           | 665    | 1.11    | 4.23   |
| Did not see more than 1 provider/did not need extra help | 56,402 | 94.06   | 98.29  |
| Missing  | 1,025  | 1.71    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Satisfaction with communication among child's doctor and other health care provider |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Did not see more than 1 health care pro   | 29,251 | 48.78   | 48.78  |
| Very satisfied  | 21,115 | 35.21   | 84.00  |
| Somewhat satisfied  | 7,211  | 12.03   | 96.02  |
| Somewhat or very dissatisfied   | 1,327  | 2.21    | 98.23  |
| Missing   | 1,059  | 1.77    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Health care provider communicated with child's school, child care provider, or special education program |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Doctors did communicate with child's school, etc.  | 5,461  | 9.11    | 9.11   |
| Did not communicate/No communication needed  | 44,323 | 73.92   | 83.02  |
| Did not have any health care visit in past 12 months   | 9,486  | 15.82   | 98.84  |
| Missing  | 693    | 1.16    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Satisfaction with communication of child's doctors with his/her school, etc |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Very satisfied  | 4,199  | 7.00    | 7.00   |
| Less than very satisfied  | 1,221  | 2.04    | 9.04   |
| No visit/No communication needed  | 9,486  | 15.82   | 24.86  |
| Doctors did not communicate with child's school etc.                        | 44,323 | 73.92   | 98.78  |
| Missing   | 734    | 1.22    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 4.14: Children whose families are partners in shared decision-making |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| No decisions needed  | 42,698 | 71.21   | 71.21  |
| Always or usually  | 14,592 | 24.34   | 95.54  |
| Sometimes and never  | 1,949  | 3.25    | 98.79  |
| Missing  | 724    | 1.21    | 100.00 |
| Total  | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Doctors discussed range of health care/treatment options |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| No decisions needed                                      | 33,212        | 55.39         | 55.39  |
| Always   | 11,724        | 19.55         | 74.94  |
| Usually  | 3,543         | 5.91          | 80.85  |
| Sometimes or never                                       | 1,238         | 2.06          | 82.91  |
| Did not have a health care visit                         | 9,486         | 15.82         | 98.73  |
| Missing  | 760           | 1.27          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Doctors made it easy for parents to raise concerns or disagreements |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| No decisions needed   | 33,212        | 55.39         | 55.39  |
| Always  | 11,542        | 19.25         | 74.64  |
| Usually   | 3,601         | 6.01          | 80.64  |
| Sometimes or never  | 1,331         | 2.22          | 82.86  |
| Did not have a health care visit                                    | 9,486         | 15.82         | 98.68  |
| Missing   | 791           | 1.32          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Doctors worked with parents to decide together health care/treatment options |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| No decisions needed  | 33,212        | 55.39         | 55.39  |
| Always   | 12,018        | 20.04         | 75.43  |
| Usually  | 3,405         | 5.68          | 81.11  |
| Sometimes or never   | 1,079         | 1.80          | 82.91  |
| Did not have a health care visit   | 9,486         | 15.82         | 98.73  |
| Missing  | 763           | 1.27          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 4.15: Transition to adult health care, age 12-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Received services for transition                                 | 5,524         | 9.21          | 9.21   |
| Did not receive services for transition                          | 19,207        | 32.03         | 41.24  |
| Children age 0-11 years  | 35,146        | 58.61         | 99.86  |
| Missing to all   | 86            | 0.14          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Time alone with health care provider, age 12-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Had time alone with provider                          | 11,297        | 18.84         | 18.84  |
| No time alone with provider or no visit               | 13,277        | 22.14         | 40.98  |
| Children age 0-11 years                               | 35,146        | 58.61         | 99.59  |
| Missing   | 243           | 0.41          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |



Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Actively worked with the child to manage care transition, age 12-17 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Provider worked with the child  | 15,239 | 25.41   | 25.41  |
| Provider did not work with the child                                      | 6,588  | 10.99   | 36.40  |
| Children age 0-11 years   | 35,146 | 58.61   | 95.01  |
| Missing/Don't know to all   | 2,990  | 4.99    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Doctor worked with the child to gain skills to manage their health, health care, age 12-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 14,580 | 24.31   | 24.31  |
| No   | 5,962  | 9.94    | 34.26  |
| Don't know   | 3,903  | 6.51    | 40.77  |
| Children age 0-11 years  | 35,146 | 58.61   | 99.38  |
| Missing  | 372    | 0.62    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Doctor worked with child to understand health care changes, age 12-17 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes   | 7,972  | 13.29   | 13.29  |
| No  | 11,090 | 18.49   | 31.79  |
| Don't know  | 5,378  | 8.97    | 40.76  |
| Children age 0-11 years   | 35,146 | 58.61   | 99.37  |
| Missing   | 377    | 0.63    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Provider discussed shift to adult health care providers, age 12-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 3,673  | 6.13    | 6.13   |
| No   | 10,593 | 17.67   | 23.79  |
| Legit skip: discussion not needed, etc.                                  | 9,999  | 16.68   | 40.47  |
| Children age 0-11 years  | 35,146 | 58.61   | 99.08  |
| Missing  | 552    | 0.92    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Doctor worked with the child to make positive health choices, age 12-17 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes   | 17,406 | 29.03   | 29.03  |
| No  | 4,453  | 7.43    | 36.45  |
| Don't know  | 2,640  | 4.40    | 40.86  |
| Children age 0-11 years   | 35,146 | 58.61   | 99.47  |
| Missing   | 318    | 0.53    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Youth received a summary of his/her medical history, age 12-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 18,259 | 30.45   | 30.45  |
| No   | 6,258  | 10.44   | 40.89  |
| Children age 0-11 years  | 35,146 | 58.61   | 99.50  |
| Missing  | 300    | 0.50    | 100.00 |
| Total  | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Youth has a plan of care to meet their health goals and needs, age 12-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 6,826  | 11.38   | 11.38  |
| No   | 17,646 | 29.43   | 40.81  |
| Children age 0-11 years  | 35,146 | 58.61   | 99.42  |
| Missing  | 345    | 0.58    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Youth has access to the plan of care, age 12-17 years               |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes   | 6,388  | 10.65   | 10.65  |
| No  | 341    | 0.57    | 11.22  |
| Child does not have written plan to mee meet health goals and needs | 17,646 | 29.43   | 40.65  |
| Children age 0-11 years   | 35,146 | 58.61   | 99.26  |
| Missing   | 442    | 0.74    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| The plan of care addresses transition to adult health care, age 12-17 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes   | 2,157  | 3.60    | 3.60   |
| No  | 3,089  | 5.15    | 8.75   |
| No, sees providers who treat adults   | 1,475  | 2.46    | 11.21  |
| Child does not have written plan  | 17,646 | 29.43   | 40.64  |
| children age 0-11 years   | 35,146 | 58.61   | 99.25  |
| Missing   | 450    | 0.75    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Doctors have discussed future insurance needs, age 12-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Know how will be insured/has discussed                         | 15,043 | 25.09   | 25.09  |
| Do not know and has not discussed                              | 9,331  | 15.56   | 40.65  |
| Children age 0-11 years  | 35,146 | 58.61   | 99.26  |
| Missing  | 443    | 0.74    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 4.17: Percent of children received care in a well-functioning system |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Received care in a well-functioning system                                     | 11,802 | 19.68   | 19.68  |
| Did not receive care in a well-functioning system                              | 48,147 | 80.29   | 99.98  |
| Missing to all items   | 14     | 0.02    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Children ages 0-11 who received care in a well-functioning system |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Received care in a well-functioning system                        | 9,772  | 16.30   | 16.30  |
| Did not receive care in a well-functioning system                 | 25,368 | 42.31   | 58.60  |
| Children age 12-17 years  | 24,817 | 41.39   | 99.99  |
| Missing to any  | 6      | 0.01    | 100.00 |
| Total   | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Children ages 12-17 who received care in a well-functioning system |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Received care in a well-functioning system                         | 2,030         | 3.39          | 3.39   |
| Did not receive care in a well-functioning system                  | 22,779        | 37.99         | 41.37  |
| Children age 0-11 years  | 35,146        | 58.61         | 99.99  |
| Missing to all items   | 8             | 0.01          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 4.18: Children who needed health care but it was not received |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Did not receive needed health care                                      | 1,611         | 2.69          | 2.69   |
| Received needed health care/not needed                                  | 58,131        | 96.94         | 99.63  |
| Missing   | 221           | 0.37          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Did not receive needed medical care during the past 12 months |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Did not receive needed medical care                           | 498           | 0.83          | 0.83   |
| Received needed medical care/not needed                       | 59,217        | 98.76         | 99.59  |
| Missing   | 248           | 0.41          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Did not receive needed dental care     |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Did not receive needed dental care     | 698           | 1.16          | 1.16   |
| Received needed dental care/not needed | 57,109        | 95.24         | 96.40  |
| Children age less than 1 year old      | 1,915         | 3.19          | 99.60  |
| Missing                                | 241           | 0.40          | 100.00 |
| <b>Total</b>                           | <b>59,963</b> | <b>100.00</b> |        |

| Did not receive needed vision health care |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Did not receive needed vision care        | 278           | 0.46          | 0.46   |
| Received needed vision care/not needed    | 59,437        | 99.12         | 99.59  |
| Missing                                   | 248           | 0.41          | 100.00 |
| <b>Total</b>                              | <b>59,963</b> | <b>100.00</b> |        |

| Did not receive needed vision health care |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Did not receive needed vision care        | 278           | 0.46          | 0.46   |
| Received needed vision care/not needed    | 59,437        | 99.12         | 99.59  |
| Missing                                   | 248           | 0.41          | 100.00 |
| <b>Total</b>                              | <b>59,963</b> | <b>100.00</b> |        |

| Did not receive needed hearing health care |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Did not receive needed hearing care        | 74            | 0.12          | 0.12   |
| Received needed hearing care/not needed    | 59,641        | 99.46         | 99.59  |
| Missing                                    | 248           | 0.41          | 100.00 |
| <b>Total</b>                               | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Did not receive needed mental health care, age 3-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Did not receive needed care                               | 559           | 0.93          | 0.93   |
| Received needed care/not needed                           | 51,754        | 86.31         | 87.24  |
| Children age 0-2 years old                                | 7,427         | 12.39         | 99.63  |
| Missing   | 223           | 0.37          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Did not receive needed health care because the child was not eligible |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Experienced this difficulty   | 405           | 0.68          | 0.68   |
| Did not experience this difficulty                                    | 1,185         | 1.98          | 2.65   |
| Received needed health care   | 58,131        | 96.94         | 99.60  |
| Missing   | 242           | 0.40          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Forgone health care due to availability |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Experienced this difficulty             | 382           | 0.64          | 0.64   |
| Did not experience this difficulty      | 1,208         | 2.01          | 2.65   |
| Received needed health care             | 58,131        | 96.94         | 99.60  |
| Missing                                 | 242           | 0.40          | 100.00 |
| <b>Total</b>                            | <b>59,963</b> | <b>100.00</b> |        |

| Forgone health care due to problems getting an appointment |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Experienced this difficulty                                | 633           | 1.06          | 1.06   |
| Did not experience this difficulty                         | 957           | 1.60          | 2.65   |
| Received needed health care                                | 58,131        | 96.94         | 99.60  |
| Missing  | 242           | 0.40          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Forgone health care due to problems getting transportation or child care |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Experienced this difficulty  | 193           | 0.32          | 0.32   |
| Did not experience this difficulty                                       | 1,397         | 2.33          | 2.65   |
| Received needed health care  | 58,131        | 96.94         | 99.60  |
| Missing  | 242           | 0.40          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Forgone for health care because office was not open |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Experienced this difficulty                         | 189           | 0.32          | 0.32   |
| Did not experience this difficulty                  | 1,401         | 2.34          | 2.65   |
| Received needed health care                         | 58,131        | 96.94         | 99.60  |
| Missing   | 242           | 0.40          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Did not receive needed health care due to issues related to cost |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Experienced this difficulty                                      | 950           | 1.58          | 1.58   |
| Did not experience this difficulty                               | 640           | 1.07          | 2.65   |
| Received needed health care                                      | 58,131        | 96.94         | 99.60  |
| Missing  | 242           | 0.40          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 4.19: Problems paying medical bills |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| No medical or health-related expenses         | 14,175        | 23.64         | 23.64  |
| Had problems paying medical bills             | 6,599         | 11.01         | 34.64  |
| No problems paying medical bills              | 38,480        | 64.17         | 98.82  |
| Missing                                       | 709           | 1.18          | 100.00 |
| <b>Total</b>                                  | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 4.20: Frustrated in efforts to get services |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Never frustrated                                      | 49,805        | 83.06         | 83.06  |
| Sometimes frustrated                                  | 8,408         | 14.02         | 97.08  |
| Usually or always frustrated                          | 1,399         | 2.33          | 99.41  |
| Missing   | 351           | 0.59          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

**SECTION 5: Community and School Activities**

| Indicator 5.1: Special education/early intervention plan (EIP), age 1-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 5,588  | 9.32    | 9.32   |
| No   | 52,136 | 86.95   | 96.27  |
| Children less than 1 year old  | 1,915  | 3.19    | 99.46  |
| Missing to any   | 324    | 0.54    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 5.1a: Age started special education or EIP, age 1-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| At age less than 3 years old   | 1,484  | 2.47    | 2.47   |
| At age 3-5 years old   | 3,119  | 5.20    | 7.68   |
| At age 6-17 years old  | 3,895  | 6.50    | 14.17  |
| Children less than 1 year old  | 1,915  | 3.19    | 17.37  |
| Never received the services  | 49,085 | 81.86   | 99.22  |
| Missing to both  | 465    | 0.78    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 5.2: School engagement, age 6-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Always to both items                             | 20,215 | 33.71   | 33.71  |
| Always or usually to one item or usually         | 16,014 | 26.71   | 60.42  |
| Sometimes or never to both or any item           | 6,668  | 11.12   | 71.54  |
| Children age 0-5 years                           | 16,750 | 27.93   | 99.47  |
| Missing  | 316    | 0.53    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Children who care about doing well in school, age 6-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Always   | 24,890 | 41.51   | 41.51  |
| Usually  | 12,949 | 21.59   | 63.10  |
| Sometimes  | 4,315  | 7.20    | 70.30  |
| Never  | 594    | 0.99    | 71.29  |
| Children age 0-5 years                                       | 16,750 | 27.93   | 99.22  |
| Missing  | 465    | 0.78    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Children who do all required homework, age 6-17 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Always  | 24,635 | 41.08   | 41.08  |
| Usually   | 13,173 | 21.97   | 63.05  |
| Sometimes   | 4,308  | 7.18    | 70.24  |
| Never   | 624    | 1.04    | 71.28  |
| Children age 0-5 years                                | 16,750 | 27.93   | 99.21  |
| Missing   | 473    | 0.79    | 100.00 |
| Total   | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Indicator 5.3: Repeated grade(s) in school, age 6-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Yes  | 2,430         | 4.05          | 4.05   |
| No   | 40,279        | 67.17         | 71.23  |
| Children age 0-5 years                                     | 16,750        | 27.93         | 99.16  |
| Missing  | 504           | 0.84          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 5.4: Missed school days during the past 12 months, age 6-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| No missed school days   | 10,837        | 18.07         | 18.07  |
| 1 - 3 days  | 19,590        | 32.67         | 50.74  |
| 4 - 6 days  | 7,188         | 11.99         | 62.73  |
| 7 - 10 days   | 2,974         | 4.96          | 67.69  |
| 11 or more days   | 1,987         | 3.31          | 71.00  |
| Child was not enrolled in school  | 178           | 0.30          | 71.30  |
| Children age 0-5 years  | 16,750        | 27.93         | 99.23  |
| Missing   | 459           | 0.77          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 5.5: Participation in organized activities, age 6-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Participated in any organized activities                             | 36,380        | 60.67         | 60.67  |
| Did not participate in organized activities                          | 6,416         | 10.70         | 71.37  |
| Children age 0-5 years   | 16,750        | 27.93         | 99.30  |
| Missing  | 417           | 0.70          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Participation in sports teams or lessons, age 6-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Participated in activity                                 | 26,752        | 44.61         | 44.61  |
| Did not participate in activity                          | 15,812        | 26.37         | 70.98  |
| Children age 0-5 years                                   | 16,750        | 27.93         | 98.92  |
| Missing  | 649           | 1.08          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Participation in clubs or organizations, age 6-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Participated in activity                                | 24,756        | 41.29         | 41.29  |
| Did not participate in activity                         | 17,538        | 29.25         | 70.53  |
| Children age 0-5 years                                  | 16,750        | 27.93         | 98.47  |
| Missing   | 919           | 1.53          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Participation in any other lessons organized activities or, age 6-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Participated in activity   | 21,632        | 36.08         | 36.08  |
| Did not participate in activity  | 20,598        | 34.35         | 70.43  |
| Children age 0-5 years   | 16,750        | 27.93         | 98.36  |
| Missing  | 983           | 1.64          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Indicator 5.6: Parents participate in child’s event/activities, age 6-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Always   | 27,555 | 45.95   | 45.95  |
| Usually  | 11,443 | 19.08   | 65.04  |
| Sometimes  | 2,389  | 3.98    | 69.02  |
| Rarely or never  | 1,347  | 2.25    | 71.27  |
| Children age 0-5 years   | 16,750 | 27.93   | 99.20  |
| Missing  | 479    | 0.80    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 5.7: Participation in community service/volunteer work, age 6-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 21,382 | 35.66   | 35.66  |
| No   | 20,951 | 34.94   | 70.60  |
| Children age 0-5 years   | 16,750 | 27.93   | 98.53  |
| Missing  | 880    | 1.47    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 5.8: Work for pay, age 12-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Worked for pay                               | 11,631 | 19.40   | 19.40  |
| Did not work for pay                         | 12,730 | 21.23   | 40.63  |
| Children age 0-11 years                      | 35,146 | 58.61   | 99.24  |
| Missing                                      | 456    | 0.76    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 5.9: Children have one or more adult mentors, age 6-17 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 38,843 | 64.78   | 64.78  |
| No   | 3,129  | 5.22    | 70.00  |
| Children age 0-5 years   | 16,750 | 27.93   | 97.93  |
| Missing  | 1,241  | 2.07    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Learning to do things for him or herself, age 3-5 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes, somewhat concerned                                 | 558    | 0.93    | 0.93   |
| Yes, very concerned                                     | 147    | 0.25    | 1.18   |
| No  | 8,380  | 13.98   | 15.15  |
| Children age 0-2 years                                  | 7,427  | 12.39   | 27.54  |
| Children age 6-17 years                                 | 43,213 | 72.07   | 99.60  |
| Missing   | 238    | 0.40    | 100.00 |



Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Parental confidence level if the child is ready to be in school, 3-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Completely confident   | 6,808  | 11.35   | 11.35  |
| Mostly confident   | 1,623  | 2.71    | 14.06  |
| Somewhat confident   | 506    | 0.84    | 14.90  |
| Not at all confident   | 150    | 0.25    | 15.15  |
| Children age 0-2 years   | 7,427  | 12.39   | 27.54  |
| Children age 6-17 years  | 43,213 | 72.07   | 99.61  |
| Missing  | 236    | 0.39    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Ability to recognize beginning sound of a word, age 3-5 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Always  | 4,146  | 6.91    | 6.91   |
| Most of the time  | 2,986  | 4.98    | 11.89  |
| About half the time   | 636    | 1.06    | 12.95  |
| Sometimes   | 858    | 1.43    | 14.39  |
| Never   | 450    | 0.75    | 15.14  |
| Children age 0-2 years  | 7,427  | 12.39   | 27.52  |
| Children age 6-17 years                                       | 43,213 | 72.07   | 99.59  |
| Missing   | 247    | 0.41    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Recognize letters of alphabet, age 3-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| All of them                                  | 4,607  | 7.68    | 7.68   |
| Most of them                                 | 1,975  | 3.29    | 10.98  |
| About half of them                           | 729    | 1.22    | 12.19  |
| Some of them                                 | 1,433  | 2.39    | 14.58  |
| None of them                                 | 338    | 0.56    | 15.15  |
| Children age 0-2 years                       | 7,427  | 12.39   | 27.53  |
| Children age 6-17 years                      | 43,213 | 72.07   | 99.60  |
| Missing                                      | 241    | 0.40    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Ability to rhyme words, age 3-5 years |        |         |        |
|---------------------------------------|--------|---------|--------|
|                                       | Freq.  | Percent | Cum.   |
| Yes                                   | 6,476  | 10.80   | 10.80  |
| No                                    | 2,595  | 4.33    | 15.13  |
| Children age 0-2 years                | 7,427  | 12.39   | 27.51  |
| Children age 6-17 years               | 43,213 | 72.07   | 99.58  |
| Missing                               | 252    | 0.42    | 100.00 |
| Total                                 | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Ability to explain things child has seen or done, age 3-5 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Always  | 4,486  | 7.48    | 7.48   |
| Most of the time  | 3,632  | 6.06    | 13.54  |
| About half the time   | 443    | 0.74    | 14.28  |
| Sometimes   | 318    | 0.53    | 14.81  |
| Never   | 189    | 0.32    | 15.12  |
| Children age 0-2 years  | 7,427  | 12.39   | 27.51  |
| Children age 6-17 years   | 43,213 | 72.07   | 99.57  |
| Missing   | 255    | 0.43    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Ability to write his/her first name, age 3-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Always   | 4,203  | 7.01    | 7.01   |
| Most of the time                                   | 946    | 1.58    | 8.59   |
| About half the time                                | 365    | 0.61    | 9.20   |
| Sometimes  | 1,014  | 1.69    | 10.89  |
| Never  | 2,535  | 4.23    | 15.11  |
| Children age 0-2 years                             | 7,427  | 12.39   | 27.50  |
| Children age 6-17 years                            | 43,213 | 72.07   | 99.57  |
| Missing  | 260    | 0.43    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Child can count how high, age 3-5years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Cannot count/can count up to five      | 450    | 0.75    | 0.75   |
| Up to ten                              | 1,733  | 2.89    | 3.64   |
| Up to 20                               | 3,790  | 6.32    | 9.96   |
| Up to 50                               | 1,204  | 2.01    | 11.97  |
| Up to 100                              | 1,908  | 3.18    | 15.15  |
| Children age 0-2 years                 | 7,427  | 12.39   | 27.54  |
| Children age 6-17 years                | 43,213 | 72.07   | 99.60  |
| Missing                                | 238    | 0.40    | 100.00 |
| Total                                  | 59,963 | 100.00  |        |

| Child recognizes basic shapes, age 3-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Always                                       | 6,643  | 11.08   | 11.08  |
| Most of the time                             | 1,656  | 2.76    | 13.84  |
| About half the time                          | 303    | 0.51    | 14.35  |
| Sometimes                                    | 323    | 0.54    | 14.88  |
| Never  | 134    | 0.22    | 15.11  |
| Children age 0-2 years                       | 7,427  | 12.39   | 27.49  |
| Children age 6-17 years                      | 43,213 | 72.07   | 99.56  |
| Missing                                      | 264    | 0.44    | 100.00 |
| Total  | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Child can identify colors red, yellow, blue, and green by name, age 3-5 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes, all of them  | 8,493  | 14.16   | 14.16  |
| Yes, some of them   | 459    | 0.77    | 14.93  |
| No, none of them  | 107    | 0.18    | 15.11  |
| Children age 0-2 years  | 7,427  | 12.39   | 27.49  |
| Children age 6-17 years   | 43,213 | 72.07   | 99.56  |
| Missing   | 264    | 0.44    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Child often easily distracted, 3-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Always                                   | 278    | 0.46    | 0.46   |
| Most of the time                         | 832    | 1.39    | 1.85   |
| About half the time                      | 1,949  | 3.25    | 5.10   |
| Sometimes                                | 5,568  | 9.29    | 14.39  |
| Never                                    | 444    | 0.74    | 15.13  |
| Children age 0-2 years                   | 7,427  | 12.39   | 27.51  |
| Children age 6-17 years                  | 43,213 | 72.07   | 99.58  |
| Missing                                  | 252    | 0.42    | 100.00 |
| Total                                    | 59,963 | 100.00  |        |

| Child often keep working at something until he or she is finished, age 3-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Always   | 880    | 1.47    | 1.47   |
| Most of the time   | 5,110  | 8.52    | 9.99   |
| About half the time  | 2,052  | 3.42    | 13.41  |
| Sometimes  | 938    | 1.56    | 14.98  |
| Never  | 107    | 0.18    | 15.15  |
| Children age 0-2 years   | 7,427  | 12.39   | 27.54  |
| Children age 6-17 years  | 43,213 | 72.07   | 99.61  |
| Missing  | 236    | 0.39    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Child often can follow instructions to complete a simple task, age 3-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Always   | 4,032  | 6.72    | 6.72   |
| Most of the time   | 4,192  | 6.99    | 13.72  |
| About half the time  | 537    | 0.90    | 14.61  |
| Sometimes  | 269    | 0.45    | 15.06  |
| Never  | 42     | 0.07    | 15.13  |
| Children age 0-2 years   | 7,427  | 12.39   | 27.52  |
| Children age 6-17 years  | 43,213 | 72.07   | 99.58  |
| Missing  | 251    | 0.42    | 100.00 |
| Total  | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| How child holds pencil, age 3-5years |               |               |        |
|--------------------------------------|---------------|---------------|--------|
|                                      | Freq.         | Percent       | Cum.   |
| Uses fingers to hold the pencil      | 7,017         | 11.70         | 11.70  |
| Grips the pencil in his or her fist  | 1,925         | 3.21          | 14.91  |
| This child cannot hold a pencil      | 118           | 0.20          | 15.11  |
| Children age 0-2 years               | 7,427         | 12.39         | 27.50  |
| Children age 6-17 years              | 43,213        | 72.07         | 99.56  |
| Missing                              | 263           | 0.44          | 100.00 |
| <b>Total</b>                         | <b>59,963</b> | <b>100.00</b> |        |

| Child plays well with others, age 3-5 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Always                                      | 3,511         | 5.86          | 5.86   |
| Most of the time                            | 4,953         | 8.26          | 14.12  |
| About half the time                         | 401           | 0.67          | 14.78  |
| Sometimes                                   | 189           | 0.32          | 15.10  |
| Never                                       | 20            | 0.03          | 15.13  |
| Children age 0-2 years                      | 7,427         | 12.39         | 27.52  |
| Children age 6-17 years                     | 43,213        | 72.07         | 99.58  |
| Missing                                     | 249           | 0.42          | 100.00 |
| <b>Total</b>                                | <b>59,963</b> | <b>100.00</b> |        |

| Child becomes angry or anxious, age 3-5 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Always  | 92            | 0.15          | 0.15   |
| Most of the time                              | 215           | 0.36          | 0.51   |
| About half the time                           | 610           | 1.02          | 1.53   |
| Sometimes                                     | 5,037         | 8.40          | 9.93   |
| Never   | 3,123         | 5.21          | 15.14  |
| Children age 0-2 years                        | 7,427         | 12.39         | 27.52  |
| Children age 6-17 years                       | 43,213        | 72.07         | 99.59  |
| Missing                                       | 246           | 0.41          | 100.00 |
| <b>Total</b>                                  | <b>59,963</b> | <b>100.00</b> |        |

| Child shows concern when others are hurt or unhappy, age 3-5 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Always   | 3,602         | 6.01          | 6.01   |
| Most of the time   | 4,212         | 7.02          | 13.03  |
| About half the time  | 639           | 1.07          | 14.10  |
| Sometimes  | 560           | 0.93          | 15.03  |
| Never  | 69            | 0.12          | 15.15  |
| Children age 0-2 years   | 7,427         | 12.39         | 27.53  |
| Children age 6-17 years  | 43,213        | 72.07         | 99.60  |
| Missing  | 241           | 0.40          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Child can calm down when excited or all wound up, age 3-5 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Always  | 1,039  | 1.73    | 1.73   |
| Most of the time  | 4,985  | 8.31    | 10.05  |
| About half the time   | 1,955  | 3.26    | 13.31  |
| Sometimes   | 1,004  | 1.67    | 14.98  |
| Never   | 89     | 0.15    | 15.13  |
| Children age 0-2 years  | 7,427  | 12.39   | 27.52  |
| Children age 6-17 years   | 43,213 | 72.07   | 99.58  |
| Missing   | 251    | 0.42    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Child loses control of his or her temper, age 3-5 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Always  | 193    | 0.32    | 0.32   |
| Most of the time  | 850    | 1.42    | 1.74   |
| About half the time                                     | 1,699  | 2.83    | 4.57   |
| Sometimes   | 5,514  | 9.20    | 13.77  |
| Never   | 816    | 1.36    | 15.13  |
| Children age 0-2 years                                  | 7,427  | 12.39   | 27.52  |
| Children age 6-17 years                                 | 43,213 | 72.07   | 99.58  |
| Missing   | 251    | 0.42    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Child has difficulty making and keeping friends, age 3-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| No difficulty  | 7,830  | 13.06   | 13.06  |
| A little difficulty  | 1,073  | 1.79    | 14.85  |
| A lot of difficulty  | 162    | 0.27    | 15.12  |
| Children age 0-2 years   | 7,427  | 12.39   | 27.50  |
| Children age 6-17 years  | 43,213 | 72.07   | 99.57  |
| Missing  | 258    | 0.43    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Child often able to sit still, age 3-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Always                                       | 1,506  | 2.51    | 2.51   |
| Most of the time                             | 4,974  | 8.30    | 10.81  |
| About half the time                          | 1,637  | 2.73    | 13.54  |
| Sometimes                                    | 843    | 1.41    | 14.94  |
| Never  | 110    | 0.18    | 15.13  |
| Children age 0-2 years                       | 7,427  | 12.39   | 27.51  |
| Children age 6-17 years                      | 43,213 | 72.07   | 99.58  |
| Missing                                      | 253    | 0.42    | 100.00 |
| Total  | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Say at least one word, such as 'hi' or 'dog', age 1-5 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes   | 14,274 | 23.80   | 23.80  |
| No  | 299    | 0.50    | 24.30  |
| Children age < 1 year or 6-17                               | 45,128 | 75.26   | 99.56  |
| Missing   | 262    | 0.44    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Children who are able to use 2 words together, such as 'car go', age 1-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 13,254 | 22.10   | 22.10  |
| No   | 1,319  | 2.20    | 24.30  |
| Children age < 1 year or 6-17  | 45,128 | 75.26   | 99.56  |
| Missing  | 262    | 0.44    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Use 3 words together in a sentence, such as, 'Mommy come now.', age 1-5 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes   | 12,244 | 20.42   | 20.42  |
| No  | 2,329  | 3.88    | 24.30  |
| Children age < 1 year or 6-17   | 45,128 | 75.26   | 99.56  |
| Missing   | 262    | 0.44    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Ask questions like 'who,' 'what,' 'when,' 'where', age 1-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 12,029 | 20.06   | 20.06  |
| No   | 2,544  | 4.24    | 24.30  |
| Children age < 1 year or 6-17                                    | 45,128 | 75.26   | 99.56  |
| Missing  | 262    | 0.44    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Children who are able to ask questions like 'why' and 'how', age 1-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 11,233 | 18.73   | 18.73  |
| No   | 3,340  | 5.57    | 24.30  |
| Children age < 1 year or 6-17  | 45,128 | 75.26   | 99.56  |
| Missing  | 262    | 0.44    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Tell a story with a beginning, middle, and end, age 1-5 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes   | 9,476  | 15.80   | 15.80  |
| No  | 5,097  | 8.50    | 24.30  |
| Children age < 1 year or 6-17                                 | 45,128 | 75.26   | 99.56  |
| Missing   | 262    | 0.44    | 100.00 |
| Total   | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Children who are able to understand the meaning of the word 'no', age 1-5 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes   | 14,210 | 23.70   | 23.70  |
| No  | 363    | 0.61    | 24.30  |
| Children age < 1 year or 6-17   | 45,128 | 75.26   | 99.56  |
| Missing   | 262    | 0.44    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Follow a verbal direction without hand gestures, age 1-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 13,821 | 23.05   | 23.05  |
| No   | 752    | 1.25    | 24.30  |
| Children age < 1 year or 6-17                                  | 45,128 | 75.26   | 99.56  |
| Missing  | 262    | 0.44    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Children who are able to point to things in a book when asked, age 1-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 13,662 | 22.78   | 22.78  |
| No   | 911    | 1.52    | 24.30  |
| Children age < 1 year or 6-17  | 45,128 | 75.26   | 99.56  |
| Missing  | 262    | 0.44    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Follow 2-step directions, age 1-5 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes                                     | 13,387 | 22.33   | 22.33  |
| No                                      | 1,186  | 1.98    | 24.30  |
| Children age < 1 year or 6-17           | 45,128 | 75.26   | 99.56  |
| Missing                                 | 262    | 0.44    | 100.00 |
| Total                                   | 59,963 | 100.00  |        |

| Understand words such as 'in,' 'on,' and under', age 1-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 13,285 | 22.16   | 22.16  |
| No   | 1,288  | 2.15    | 24.30  |
| Children age < 1 year or 6-17                                  | 45,128 | 75.26   | 99.56  |
| Missing  | 262    | 0.44    | 100.00 |
| Total  | 59,963 | 100.00  |        |

## SECTION 6: Family Health and Activities

| Indicator 6.1: Mother's physical health status |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Excellent or very good                         | 38,598 | 64.37   | 64.37  |
| Good   | 11,948 | 19.93   | 84.30  |
| Fair or poor                                   | 2,700  | 4.50    | 88.80  |
| No mother reported in the household            | 5,285  | 8.81    | 97.61  |
| Missing  | 1,432  | 2.39    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 6.1a: Father's physical health status |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Excellent or very good                          | 33,789 | 56.35   | 56.35  |
| Good  | 10,549 | 17.59   | 73.94  |
| Fair or poor                                    | 2,040  | 3.40    | 77.34  |
| No father reported in the household             | 12,205 | 20.35   | 97.70  |
| Missing   | 1,380  | 2.30    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 6.2: Mother's mental or emotional health status |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Excellent or very good                                    | 40,116 | 66.90   | 66.90  |
| Good  | 10,441 | 17.41   | 84.31  |
| Fair or poor  | 2,704  | 4.51    | 88.82  |
| No mother reported in the household                       | 5,285  | 8.81    | 97.64  |
| Missing   | 1,417  | 2.36    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 6.2a: Father's mental or emotional health status |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Excellent or very good                                     | 37,241 | 62.11   | 62.11  |
| Good   | 7,469  | 12.46   | 74.56  |
| Fair or poor   | 1,655  | 2.76    | 77.32  |
| No father reported in the household                        | 12,205 | 20.35   | 97.68  |
| Missing  | 1,393  | 2.32    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 6.3: Mother's overall physical and mental-emotional health status |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Physical & mental health BOTH excellent                                     | 34,434 | 57.43   | 57.43  |
| One or both of physical & mental health                                     | 18,665 | 31.13   | 88.55  |
| No mother reported in the household   | 5,285  | 8.81    | 97.37  |
| Missing   | 1,579  | 2.63    | 100.00 |
| Total   | 59,963 | 100.00  |        |



Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Indicator 6.3a: Father's overall physical and mental-emotional health status |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Physical & mental health BOTH excellent                                      | 31,316 | 52.23   | 52.23  |
| One or both of physical & mental health                                      | 14,928 | 24.90   | 77.12  |
| No father reported in the household  | 12,205 | 20.35   | 97.48  |
| Missing  | 1,514  | 2.52    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 6.4: Children who live in households where someone uses cigarettes, ci cigars, or pipe tobacco |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Someone in household uses tobacco  | 8,530  | 14.23   | 14.23  |
| No one in household uses tobacco   | 50,426 | 84.10   | 98.32  |
| Missing  | 1,007  | 1.68    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 6.4a: Someone smokes inside the home |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| No one smokes in the household                 | 50,426 | 84.10   | 84.10  |
| Someone smokes, not inside the house           | 7,408  | 12.35   | 96.45  |
| Someone smokes inside the house                | 1,052  | 1.75    | 98.20  |
| Missing  | 1,077  | 1.80    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 6.5: Children live in working poor households--parents employed full-time with income less than 100% FPL |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Live in 'working poor' household   | 4,731  | 7.89    | 7.89   |
| Do not live in 'working poor' HH   | 53,915 | 89.91   | 97.80  |
| Missing  | 1,317  | 2.20    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 6.6: Parents and children sharing ideas or talk about things that real |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Very well  | 27,484 | 45.83   | 45.83  |
| Somewhat well  | 13,129 | 21.90   | 67.73  |
| Not very well or not very well at all  | 1,997  | 3.33    | 71.06  |
| Children age 0-5 years   | 16,750 | 27.93   | 98.99  |
| Missing  | 603    | 1.01    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 6.7: Number of days children were read aloud to during the past week, |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| 0 days  | 824    | 1.37    | 1.37   |
| 1-3 days  | 5,032  | 8.39    | 9.77   |
| 4-6 days  | 3,451  | 5.76    | 15.52  |
| Every day   | 7,251  | 12.09   | 27.61  |
| Children age 6-17 years   | 43,213 | 72.07   | 99.68  |
| Missing   | 192    | 0.32    | 100.00 |
| Total   | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Indicator 6.8: Number of days children were sung to or told stories to during past week, |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| 0 days   | 472    | 0.79    | 0.79   |
| 1-3 days   | 4,030  | 6.72    | 7.51   |
| 4-6 days   | 3,423  | 5.71    | 13.22  |
| Every day  | 8,635  | 14.40   | 27.62  |
| Children age 6-17 years  | 43,213 | 72.07   | 99.68  |
| Missing  | 190    | 0.32    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 6.9: Family members who live in the household eat a meal together |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| 0 days  | 1,900  | 3.17    | 3.17   |
| 1-3 days  | 14,541 | 24.25   | 27.42  |
| 4-6 days  | 19,791 | 33.01   | 60.42  |
| Every day   | 22,855 | 38.12   | 98.54  |
| Missing   | 876    | 1.46    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 6.10: Time spent in front of electronic devices, not including schoolwork |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Less than 1 hour  | 8,394  | 14.00   | 14.00  |
| 1 hour  | 10,810 | 18.03   | 32.03  |
| 2 hours   | 17,571 | 29.30   | 61.33  |
| 3 hours   | 11,051 | 18.43   | 79.76  |
| 4 or more hours   | 11,517 | 19.21   | 98.97  |
| Missing   | 620    | 1.03    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 6.12: Family resilience composite measure |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| All or most of the time to 0-1 items                | 3,492  | 5.82    | 5.82   |
| All or most of the time to 2-3 items                | 6,306  | 10.52   | 16.34  |
| All or most of the time to all 4 items              | 49,289 | 82.20   | 98.54  |
| Missing to all 4 items                              | 876    | 1.46    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Family members talk together about what to do when the family faces problems |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| All of the time  | 29,507 | 49.21   | 49.21  |
| Most of the time   | 23,662 | 39.46   | 88.67  |
| Some/None of the time  | 5,804  | 9.68    | 98.35  |
| Missing  | 990    | 1.65    | 100.00 |
| Total  | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Family members work together to solve the problem when the family faces problems |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| All of the time  | 29,163 | 48.63   | 48.63  |
| Most of the time   | 24,045 | 40.10   | 88.73  |
| Some/None of the time  | 5,674  | 9.46    | 98.20  |
| Missing  | 1,081  | 1.80    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Family members know we have strengths to draw on when the family faces problems |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| All of the time   | 31,883 | 53.17   | 53.17  |
| Most of the time  | 21,712 | 36.21   | 89.38  |
| Some/None of the time   | 5,217  | 8.70    | 98.08  |
| Missing   | 1,151  | 1.92    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Family members stay hopeful even in difficult times when the family faces problems |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| All of the time  | 31,237 | 52.09   | 52.09  |
| Most of the time   | 24,225 | 40.40   | 92.49  |
| Some/None of the time  | 3,468  | 5.78    | 98.28  |
| Missing  | 1,033  | 1.72    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 6.13: Adverse childhood experiences |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| No adverse childhood experiences              | 36,328 | 60.58   | 60.58  |
| Experienced 1 ACE                             | 12,277 | 20.47   | 81.06  |
| Experienced 2 or more ACEs                    | 10,472 | 17.46   | 98.52  |
| Missing to all 9 items                        | 886    | 1.48    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| ACE: hard to cover basics like food or housing on your family's income |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Never  | 32,335 | 53.92   | 53.92  |
| Rarely   | 18,905 | 31.53   | 85.45  |
| Somewhat often   | 6,188  | 10.32   | 95.77  |
| Very often   | 1,434  | 2.39    | 98.16  |
| Missing  | 1,101  | 1.84    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| ACE: parent or guardian divorced or separated |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Experienced the ACE                           | 13,375 | 22.31   | 22.31  |
| Did not experience the ACE                    | 44,895 | 74.87   | 97.18  |
| Missing                                       | 1,693  | 2.82    | 100.00 |
| Total   | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| ACE: parent or guardian died |        |         |        |
|------------------------------|--------|---------|--------|
|                              | Freq.  | Percent | Cum.   |
| Experienced the ACE          | 1,763  | 2.94    | 2.94   |
| Did not experience the ACE   | 56,458 | 94.15   | 97.09  |
| Missing                      | 1,742  | 2.91    | 100.00 |
| Total                        | 59,963 | 100.00  |        |

| ACE: parent or guardian served time in jail |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Experienced the ACE                         | 3,854  | 6.43    | 6.43   |
| Did not experience the ACE                  | 54,252 | 90.48   | 96.90  |
| Missing                                     | 1,857  | 3.10    | 100.00 |
| Total                                       | 59,963 | 100.00  |        |

| ACE: saw or heard parents or adults slap, hit, kick, punch one another in the household |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Experienced the ACE   | 3,026  | 5.05    | 5.05   |
| Did not experience the ACE  | 55,039 | 91.79   | 96.83  |
| Missing   | 1,898  | 3.17    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| ACE: victim/witness of neighborhood violence |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Experienced the ACE                          | 2,178  | 3.63    | 3.63   |
| Did not experience the ACE                   | 55,888 | 93.20   | 96.84  |
| Missing                                      | 1,897  | 3.16    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| ACE: lived with anyone who was mentally ill, suicidal, or severely depressed |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Experienced the ACE  | 5,282  | 8.81    | 8.81   |
| Did not experience the ACE   | 52,713 | 87.91   | 96.72  |
| Missing  | 1,968  | 3.28    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| ACE: lived with anyone who had a problem with alcohol or drug |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Experienced the ACE   | 5,637  | 9.40    | 9.40   |
| Did not experience the ACE                                    | 52,441 | 87.46   | 96.86  |
| Missing   | 1,885  | 3.14    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| ACE: treated or judged unfairly because of his/her race or ethnic group |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Experienced the ACE   | 2,020  | 3.37    | 3.37   |
| Did not experience the ACE  | 56,185 | 93.70   | 97.07  |
| Missing   | 1,758  | 2.93    | 100.00 |
| Total   | 59,963 | 100.00  |        |

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables**

| Indicator 6.14: Parental aggravation    |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Parent feels aggravation from parenting | 3,023         | 5.04          | 5.04   |
| Parent seldom feels aggravation         | 56,324        | 93.93         | 98.97  |
| Missing to all 3 items                  | 616           | 1.03          | 100.00 |
| <b>Total</b>                            | <b>59,963</b> | <b>100.00</b> |        |

| Parent felt child is difficult to care for |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Never                                      | 38,771        | 64.66         | 64.66  |
| Rarely                                     | 11,629        | 19.39         | 84.05  |
| Sometimes                                  | 6,497         | 10.84         | 94.89  |
| Usually or always                          | 2,352         | 3.92          | 98.81  |
| Missing                                    | 714           | 1.19          | 100.00 |
| <b>Total</b>                               | <b>59,963</b> | <b>100.00</b> |        |

| Parent felt child does things that bother them |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Never  | 26,605        | 44.37         | 44.37  |
| Rarely   | 21,003        | 35.03         | 79.40  |
| Sometimes                                      | 10,145        | 16.92         | 96.31  |
| Usually or always                              | 1,445         | 2.41          | 98.72  |
| Missing  | 765           | 1.28          | 100.00 |
| <b>Total</b>                                   | <b>59,963</b> | <b>100.00</b> |        |

| Parent felt angry with child |               |               |        |
|------------------------------|---------------|---------------|--------|
|                              | Freq.         | Percent       | Cum.   |
| Never                        | 20,716        | 34.55         | 34.55  |
| Rarely                       | 27,748        | 46.28         | 80.82  |
| Sometimes                    | 10,236        | 17.07         | 97.89  |
| Usually or always            | 448           | 0.75          | 98.64  |
| Missing                      | 815           | 1.36          | 100.00 |
| <b>Total</b>                 | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 6.15: Emotional help with parenthood |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Received emotional support                     | 48,498        | 80.88         | 80.88  |
| Did not receive emotional support              | 10,665        | 17.79         | 98.67  |
| Missing to all 3 items                         | 800           | 1.33          | 100.00 |
| <b>Total</b>                                   | <b>59,963</b> | <b>100.00</b> |        |

| Emotional support from their spouse or domestic partner |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes, from spouse or domestic partner                    | 41,199        | 68.71         | 68.71  |
| Yes, but not from spouse or domestic pa                 | 6,731         | 11.23         | 79.93  |
| Did not receive emotional support                       | 10,665        | 17.79         | 97.72  |
| Missing   | 1,368         | 2.28          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

**Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables**

| <b>Emotional support from other family member or close friend</b> |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes, from other family member/friend                              | 42,977        | 71.67         | 71.67  |
| Yes, not from other family member/friends                         | 4,953         | 8.26          | 79.93  |
| Did not receive emotional support                                 | 10,665        | 17.79         | 97.72  |
| Missing   | 1,368         | 2.28          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| <b>Emotional support from a health care provider</b> |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Yes, from a health care provider                     | 14,572        | 24.30         | 24.30  |
| Yes, not from a health care provider                 | 33,358        | 55.63         | 79.93  |
| Did not receive emotional support                    | 10,665        | 17.79         | 97.72  |
| Missing  | 1,368         | 2.28          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| <b>Emotional support from a place of worship or religious leader</b> |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Yes, from a place of worship   | 14,429        | 24.06         | 24.06  |
| Yes, not from a place of worship                                     | 33,501        | 55.87         | 79.93  |
| Did not receive emotional support                                    | 10,665        | 17.79         | 97.72  |
| Missing  | 1,368         | 2.28          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| <b>Emotional support from advocacy or support group</b> |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes, from advocacy or support group                     | 2,033         | 3.39          | 3.39   |
| Yes, not from advocacy or support group                 | 45,897        | 76.54         | 79.93  |
| Did not receive emotional support                       | 10,665        | 17.79         | 97.72  |
| Missing   | 1,368         | 2.28          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| <b>Emotional support from a peer support group</b> |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Yes, from a peer group                             | 6,277         | 10.47         | 10.47  |
| Yes, not from a peer group                         | 41,653        | 69.46         | 79.93  |
| Did not receive emotional support                  | 10,665        | 17.79         | 97.72  |
| Missing  | 1,368         | 2.28          | 100.00 |
| <b>Total</b>                                       | <b>59,963</b> | <b>100.00</b> |        |

| <b>Emotional support from a counselor or other mental health professional</b> |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes, from a mental health professional  | 5,357         | 8.93          | 8.93   |
| Yes, not from mental health professional                                      | 42,573        | 71.00         | 79.93  |
| Did not receive emotional support   | 10,665        | 17.79         | 97.72  |
| Missing   | 1,368         | 2.28          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Indicator 6.16: Coping with day-to-day demands of raising children |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Very well  | 36,307 | 60.55   | 60.55  |
| Somewhat well  | 22,200 | 37.02   | 97.57  |
| Not very well or not very well at all                              | 846    | 1.41    | 98.98  |
| Missing  | 610    | 1.02    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 6.17: Job change because problems with child care, age 0-5 years |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 1,313  | 2.19    | 2.19   |
| No   | 15,197 | 25.34   | 27.53  |
| Children age 6-17 years  | 43,213 | 72.07   | 99.60  |
| Missing  | 240    | 0.40    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 6.18: Stopped working/reduced work hours due to child's health |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Yes  | 4,135  | 6.90    | 6.90   |
| Family members' employment not affected                                  | 55,254 | 92.15   | 99.04  |
| Missing  | 574    | 0.96    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 6.19: Avoided changing jobs to maintain insurance |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes   | 4,455  | 7.43    | 7.43   |
| No  | 54,706 | 91.23   | 98.66  |
| Missing   | 802    | 1.34    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 6.20a: Time spent providing health care for child in an average week |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Less than 1 hour per week  | 3,763  | 6.28    | 6.28   |
| 1-4 hours per week   | 1,569  | 2.62    | 8.89   |
| 5-10 hours per week  | 518    | 0.86    | 9.76   |
| 11 or more hours per week  | 810    | 1.35    | 11.11  |
| Weekly health care not needed  | 52,743 | 87.96   | 99.07  |
| Missing  | 560    | 0.93    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 6.20b: Time spent coordinating health care |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Less than 1 hour per week                            | 4,823  | 8.04    | 8.04   |
| 1-4 hours per week                                   | 1,538  | 2.56    | 10.61  |
| 5-10 hours per week                                  | 189    | 0.32    | 10.92  |
| 11 or more hours per week                            | 200    | 0.33    | 11.26  |
| Weekly health care not needed                        | 52,681 | 87.86   | 99.11  |
| Missing  | 532    | 0.89    | 100.00 |
| Total  | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Indicator 6.21: Received care from others at least 10 hours/week, age 0-5 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes   | 10,069 | 16.79   | 16.79  |
| No  | 6,438  | 10.74   | 27.53  |
| Children age 6-17 years   | 43,213 | 72.07   | 99.59  |
| Missing   | 243    | 0.41    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 6.22: Sleep position, age less than 12 months |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| On his or her back                                      | 1,442  | 2.40    | 2.40   |
| On his or her side                                      | 204    | 0.34    | 2.75   |
| On his or her stomach                                   | 175    | 0.29    | 3.04   |
| Children age 1-17 years                                 | 58,048 | 96.81   | 99.84  |
| Missing   | 94     | 0.16    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 6.24: Go to bed at the same time on weeknights |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Always   | 17,409 | 29.03   | 29.03  |
| Usually  | 35,431 | 59.09   | 88.12  |
| Sometimes  | 4,871  | 8.12    | 96.24  |
| Rarely/never   | 1,798  | 3.00    | 99.24  |
| Missing  | 454    | 0.76    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Indicator 6.25: Adequate amount of sleep, age 4 months-17 years |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Yes   | 40,453 | 67.46   | 67.46  |
| No  | 18,412 | 30.71   | 98.17  |
| Children less than 4 months old                                 | 600    | 1.00    | 99.17  |
| Missing   | 498    | 0.83    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 6.26: Food situation in child's household in the past 12 months |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| always get enough nutritious food   | 43,094 | 71.87   | 71.87  |
| always enough food but not nutritious                                     | 13,589 | 22.66   | 94.53  |
| Sometimes not enough food   | 1,875  | 3.13    | 97.66  |
| Often not enough  | 319    | 0.53    | 98.19  |
| Missing   | 1,086  | 1.81    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Indicator 6.27: Received food and cash assistance during the past 12 months |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Received 3-4 types of assistance  | 1,680  | 2.80    | 2.80   |
| Received 1-2 types of assistance  | 13,324 | 22.22   | 25.02  |
| Did not receive cash or food assistance                                     | 43,959 | 73.31   | 98.33  |
| Missing to all  | 1,000  | 1.67    | 100.00 |
| Total   | 59,963 | 100.00  |        |



Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| WIC benefits |               |               |        |
|--------------|---------------|---------------|--------|
|              | Freq.         | Percent       | Cum.   |
| Yes          | 3,562         | 5.94          | 5.94   |
| No           | 55,011        | 91.74         | 97.68  |
| Missing      | 1,390         | 2.32          | 100.00 |
| <b>Total</b> | <b>59,963</b> | <b>100.00</b> |        |

| Cash assistance from government |               |               |        |
|---------------------------------|---------------|---------------|--------|
|                                 | Freq.         | Percent       | Cum.   |
| Yes                             | 1,347         | 2.25          | 2.25   |
| No                              | 57,179        | 95.36         | 97.60  |
| Missing                         | 1,437         | 2.40          | 100.00 |
| <b>Total</b>                    | <b>59,963</b> | <b>100.00</b> |        |

| Food Stamps  |               |               |        |
|--------------|---------------|---------------|--------|
|              | Freq.         | Percent       | Cum.   |
| Yes          | 6,113         | 10.19         | 10.19  |
| No           | 52,508        | 87.57         | 97.76  |
| Missing      | 1,342         | 2.24          | 100.00 |
| <b>Total</b> | <b>59,963</b> | <b>100.00</b> |        |

| Free or reduced cost meals |               |               |        |
|----------------------------|---------------|---------------|--------|
|                            | Freq.         | Percent       | Cum.   |
| Yes                        | 12,050        | 20.10         | 20.10  |
| No                         | 46,533        | 77.60         | 97.70  |
| Missing                    | 1,380         | 2.30          | 100.00 |
| <b>Total</b>               | <b>59,963</b> | <b>100.00</b> |        |

## SECTION 7: Neighborhood Safety and Support

| Indicator 7.1: Children live in supportive neighborhood |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Live in supportive neighborhoods                        | 35,000        | 58.37         | 58.37  |
| Do not live in supportive neighborhoods                 | 23,284        | 38.83         | 97.20  |
| Missing to any  | 1,679         | 2.80          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 7.2: Children live in safe neighborhood |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Definitely agree                                  | 40,643        | 67.78         | 67.78  |
| Somewhat agree                                    | 15,979        | 26.65         | 94.43  |
| Somewhat or definitely disagree                   | 1,999         | 3.33          | 97.76  |
| Missing   | 1,342         | 2.24          | 100.00 |
| <b>Total</b>                                      | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 7.3: Child is safe in school, age 6-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Definitely agree                                       | 29,811        | 49.72         | 49.72  |
| Somewhat agree   | 11,075        | 18.47         | 68.19  |
| Somewhat or definitely disagree                        | 1,154         | 1.92          | 70.11  |
| Children age 0-5 years                                 | 16,750        | 27.93         | 98.04  |
| Missing  | 1,173         | 1.96          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 7.4: Presence of neighborhood amenities |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| No amenities                                      | 7,427         | 12.39         | 12.39  |
| 1 amenity   | 6,667         | 11.12         | 23.50  |
| 2 amenities                                       | 10,042        | 16.75         | 40.25  |
| 3 amenities                                       | 12,835        | 21.40         | 61.66  |
| All 4 amenities                                   | 21,302        | 35.53         | 97.18  |
| Missing to any of the questions                   | 1,690         | 2.82          | 100.00 |
| <b>Total</b>                                      | <b>59,963</b> | <b>100.00</b> |        |

| Children who live in neighborhoods with sidewalks or walking paths |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Yes  | 41,918        | 69.91         | 69.91  |
| No   | 16,972        | 28.30         | 98.21  |
| Missing  | 1,073         | 1.79          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Children who live in neighborhoods with a park or playground area |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes   | 43,226        | 72.09         | 72.09  |
| No  | 15,576        | 25.98         | 98.06  |
| Missing   | 1,161         | 1.94          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Neighborhood has recreation center, community center or Boys'/Girls' Club |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes   | 27,771        | 46.31         | 46.31  |
| No  | 30,937        | 51.59         | 97.91  |
| Missing   | 1,255         | 2.09          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children who live in neighborhoods with a library or bookmobile |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes   | 39,032        | 65.09         | 65.09  |
| No  | 19,694        | 32.84         | 97.94  |
| 99  | 1,237         | 2.06          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Indicator 7.5: Presence of detracting neighborhood elements in the neighborhood |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| 0 detracting elements   | 45,227        | 75.42         | 75.42  |
| 1 detracting element  | 8,517         | 14.20         | 89.63  |
| 2 detracting elements   | 2,928         | 4.88          | 94.51  |
| All 3 detracting elements   | 1,840         | 3.07          | 97.58  |
| Missing to any of the questions   | 1,451         | 2.42          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children live in neighborhoods with litter or garbage on the street or sidewalk |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Yes   | 9,568         | 15.96         | 15.96  |
| No  | 49,170        | 82.00         | 97.96  |
| Missing   | 1,225         | 2.04          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| Children live in neighborhoods with poorly kept or rundown housing |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Yes  | 7,148         | 11.92         | 11.92  |
| No   | 51,601        | 86.05         | 97.98  |
| Missing  | 1,214         | 2.02          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| Children live in neighborhoods with vandalism such as broken windows or graffiti |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Yes  | 3,292         | 5.49          | 5.49   |
| No   | 55,525        | 92.60         | 98.09  |
| Missing  | 1,146         | 1.91          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

### Child and Family Demographics and Subgroups

| Children's age in 3 categories |        |         |        |
|--------------------------------|--------|---------|--------|
|                                | Freq.  | Percent | Cum.   |
| 0-5 years old                  | 16,750 | 27.93   | 27.93  |
| 6-11 years old                 | 18,396 | 30.68   | 58.61  |
| 12-17 years old                | 24,817 | 41.39   | 100.00 |
| Total                          | 59,963 | 100.00  |        |

| Children's age in 5 categories |        |         |        |
|--------------------------------|--------|---------|--------|
|                                | Freq.  | Percent | Cum.   |
| 0-3 years old                  | 7,427  | 12.39   | 12.39  |
| 4-7 years old                  | 12,133 | 20.23   | 32.62  |
| 8-11 years old                 | 12,140 | 20.25   | 52.87  |
| 12-14 years old                | 10,681 | 17.81   | 70.68  |
| 15-17 years old                | 17,582 | 29.32   | 100.00 |
| Total                          | 59,963 | 100.00  |        |

| Sex of child |        |         |        |
|--------------|--------|---------|--------|
|              | Freq.  | Percent | Cum.   |
| Female       | 31,300 | 52.20   | 52.20  |
| Male         | 28,663 | 47.80   | 100.00 |
| Total        | 59,963 | 100.00  |        |

| Race and ethnicity of child, 4 categories |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Hispanic                                  | 7,155  | 11.93   | 11.93  |
| White, non-Hispanic                       | 41,476 | 69.17   | 81.10  |
| Black, non-Hispanic                       | 3,863  | 6.44    | 87.54  |
| Multi-racial/Other, non-Hispanic          | 7,469  | 12.46   | 100.00 |
| Total                                     | 59,963 | 100.00  |        |

| Race and ethnicity of child, 7 categories  |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Hispanic                                   | 7,155  | 11.93   | 11.93  |
| White, non-Hispanic                        | 41,476 | 69.17   | 81.10  |
| Black, non-Hispanic                        | 3,863  | 6.44    | 87.54  |
| Asian, non-Hispanic                        | 2,876  | 4.80    | 92.34  |
| American Indian or Alaska Native Non-Hi    | 362    | 0.60    | 92.94  |
| Native Hawaiian and Other Pacific Islander | 145    | 0.24    | 93.19  |
| Multi-Race Non-Hispanic                    | 3,845  | 6.41    | 99.60  |
| Other Non-Hispanic                         | 241    | 0.40    | 100.00 |
| Total                                      | 59,963 | 100.00  |        |

| Parental Nativity          |        |         |        |
|----------------------------|--------|---------|--------|
|                            | Freq.  | Percent | Cum.   |
| Parent(s) born in US       | 46,251 | 77.13   | 77.13  |
| Any parent born outside US | 9,740  | 16.24   | 93.38  |
| Other                      | 3,256  | 5.43    | 98.81  |
| Missing                    | 716    | 1.19    | 100.00 |
| Total                      | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Primary language spoken in the household |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| English                                  | 55,745 | 93.42   | 93.42  |
| Non-English                              | 3,928  | 6.58    | 100.00 |
| Total                                    | 59,673 | 100.00  |        |

| Primary household language parsed for Hispanic children |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Hispanic children, non-English PHL                      | 2,066  | 3.45    | 3.45   |
| Hispanic children, English PHL                          | 4,965  | 8.28    | 11.73  |
| Non-Hispanic child                                      | 52,642 | 87.79   | 99.52  |
| Missing to PHL or SC_HISPANIC                           | 290    | 0.48    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| Family structure of child's household - 5 categories |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Two parents, currently married                       | 41,282 | 68.85   | 68.85  |
| Two parents, not currently married                   | 3,913  | 6.53    | 75.37  |
| Single parent (mother or father)                     | 11,102 | 18.51   | 93.89  |
| Grandparent Household                                | 1,927  | 3.21    | 97.10  |
| Other relation                                       | 597    | 1.00    | 98.10  |
| Missing  | 1,142  | 1.90    | 100.00 |
| Total  | 59,963 | 100.00  |        |

| Income level of child's household |        |         |        |
|-----------------------------------|--------|---------|--------|
|                                   | Freq.  | Percent | Cum.   |
| 0-99% FPL                         | 6,905  | 11.52   | 11.52  |
| 100%-199% FPL                     | 9,872  | 16.46   | 27.98  |
| 200%-399% FPL                     | 18,661 | 31.12   | 59.10  |
| 400% FPL or above                 | 24,525 | 40.90   | 100.00 |
| Total                             | 59,963 | 100.00  |        |

| Income level of child's household SCHIP |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| 0-199% FPL                              | 16,777 | 27.98   | 27.98  |
| 200%-299% FPL                           | 9,726  | 16.22   | 44.20  |
| 300%-399% FPL                           | 8,935  | 14.90   | 59.10  |
| 400% FPL or above                       | 24,525 | 40.90   | 100.00 |
| Total                                   | 59,963 | 100.00  |        |

| Highest level of education among reported adults |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Less than high school                            | 1,498  | 2.50    | 2.50   |
| High school degree or GED                        | 7,873  | 13.13   | 15.63  |
| Some college or technical school                 | 14,139 | 23.58   | 39.21  |
| College degree or higher                         | 36,453 | 60.79   | 100.00 |
| Total  | 59,963 | 100.00  |        |

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

| Children who were born in US |               |               |        |
|------------------------------|---------------|---------------|--------|
|                              | Freq.         | Percent       | Cum.   |
| Born in US                   | 57,707        | 96.24         | 96.24  |
| Born outside of US           | 1,912         | 3.19          | 99.43  |
| Missing                      | 344           | 0.57          | 100.00 |
| <b>Total</b>                 | <b>59,963</b> | <b>100.00</b> |        |

| Number of family members in the household |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| 1 or 2 people                             | 3,668         | 6.12          | 6.12   |
| 3 people                                  | 18,188        | 30.33         | 36.45  |
| 4 people                                  | 22,438        | 37.42         | 73.87  |
| 5 people                                  | 9,929         | 16.56         | 90.43  |
| 6 or more people                          | 4,222         | 7.04          | 97.47  |
| Missing                                   | 1,518         | 2.53          | 100.00 |
| <b>Total</b>                              | <b>59,963</b> | <b>100.00</b> |        |

| Military status of adult(s) in the household |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Now on active duty                           | 869           | 1.45          | 1.45   |
| On active duty in the past, but not now      | 5,021         | 8.37          | 9.82   |
| Only on active duty for training in the      | 1,029         | 1.72          | 11.54  |
| Never served in the military                 | 51,726        | 86.26         | 97.80  |
| Missing                                      | 1,318         | 2.20          | 100.00 |
| <b>Total</b>                                 | <b>59,963</b> | <b>100.00</b> |        |

## Appendix B: Unweighted Frequency Tables

### Title V MCH Block Grant Measures –

### National Performance and Outcome Measures

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## National Performance Measures

| NPM 6: Developmental screening, age 9-35 months |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Completed developmental screening               | 2,320         | 3.87          | 3.87   |
| Did not complete developmental screening        | 3,603         | 6.01          | 9.88   |
| Children age 0-8 months or 3-5 years            | 10,724        | 17.88         | 27.76  |
| Children age 6-17 years                         | 43,213        | 72.07         | 99.83  |
| Missing   | 103           | 0.17          | 100.00 |
| <b>Total</b>                                    | <b>59,963</b> | <b>100.00</b> |        |

| NPM 8.1: Physical activity, age 6-11 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| 0 days                                     | 784           | 1.31          | 1.31   |
| 1-3 days                                   | 6,442         | 10.74         | 12.05  |
| 4-6 days                                   | 5,672         | 9.46          | 21.51  |
| Everyday                                   | 5,312         | 8.86          | 30.37  |
| Children age 12-17 years                   | 24,817        | 41.39         | 71.76  |
| Children age 0-5 years                     | 16,750        | 27.93         | 99.69  |
| Missing                                    | 186           | 0.31          | 100.00 |
| <b>Total</b>                               | <b>59,963</b> | <b>100.00</b> |        |

| NPM 8.2: Physical activity, age 12-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| 0 days                                      | 2,958         | 4.93          | 4.93   |
| 1-3 days                                    | 10,174        | 16.97         | 21.90  |
| 4-6 days                                    | 7,517         | 12.54         | 34.44  |
| Everyday                                    | 3,905         | 6.51          | 40.95  |
| Children age 6-11 years                     | 18,396        | 30.68         | 71.63  |
| Children age 0-5 years                      | 16,750        | 27.93         | 99.56  |
| Missing                                     | 263           | 0.44          | 100.00 |
| <b>Total</b>                                | <b>59,963</b> | <b>100.00</b> |        |

| NPM 9: Bullied others, age 12-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| At any time (in the past 12 months)    | 4,124         | 6.88          | 6.88   |
| Never (in the past 12 months)          | 20,427        | 34.07         | 40.94  |
| Children age 6-11 years                | 18,396        | 30.68         | 71.62  |
| Children age 0-5 years                 | 16,750        | 27.93         | 99.56  |
| Missing                                | 266           | 0.44          | 100.00 |
| <b>Total</b>                           | <b>59,963</b> | <b>100.00</b> |        |

| NPM 9: Bullied, age 12-17 years     |               |               |        |
|-------------------------------------|---------------|---------------|--------|
|                                     | Freq.         | Percent       | Cum.   |
| At any time (in the past 12 months) | 10,716        | 17.87         | 17.87  |
| Never (in the past 12 months)       | 13,817        | 23.04         | 40.91  |
| Children age 6-11 years             | 18,396        | 30.68         | 71.59  |
| Children age 0-5 years              | 16,750        | 27.93         | 99.53  |
| Missing                             | 284           | 0.47          | 100.00 |
| <b>Total</b>                        | <b>59,963</b> | <b>100.00</b> |        |



Appendix B: Unweighted Frequency Tables – National Performance and Outcome Measures

| NPM 11: Medical home, children with special health care needs (CSHCN) |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Care meets medical home criteria                                      | 6,604         | 11.01         | 11.01  |
| Care does not meet medical home criteria                              | 7,390         | 12.32         | 23.34  |
| Non-CSHCN   | 45,966        | 76.66         | 99.99  |
| Missing   | 3             | 0.01          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| NPM 11: Medical home, children without special health care needs (Non-CSHCN) |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Care meets medical home criteria   | 25,423        | 42.40         | 42.40  |
| Care does not meet medical home criteria                                     | 20,501        | 34.19         | 76.59  |
| CSHCN  | 13,997        | 23.34         | 99.93  |
| Missing  | 42            | 0.07          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| NPM 12: Transition to adult health care, CSHCN age 12-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Received services for transition                               | 1,809         | 3.02          | 3.02   |
| Did not receive services for transition                        | 5,389         | 8.99          | 12.00  |
| Children age 0-11 years  | 17,598        | 29.35         | 41.35  |
| Non-CSHCN age 12-17 years                                      | 35,146        | 58.61         | 99.96  |
| Missing to any   | 21            | 0.04          | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| NPM 12: Transition to adult healthcare, Non-CSHCN age 12-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| Received services for transition                                  | 3,715         | 6.20          | 6.20   |
| Did not receive services for transition                           | 13,818        | 23.04         | 29.24  |
| Children age 0-11 years   | 7,219         | 12.04         | 41.28  |
| CSHCN age 12-17 years   | 35,146        | 58.61         | 99.89  |
| Missing to any  | 65            | 0.11          | 100.00 |
| <b>Total</b>  | <b>59,963</b> | <b>100.00</b> |        |

| NPM 13.2: Preventive dental visit, age 1-17 years |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| One or more preventive visits                     | 48,232        | 80.44         | 80.44  |
| No preventive visits                              | 9,521         | 15.88         | 96.31  |
| Children less than 1 year old                     | 1,915         | 3.19          | 99.51  |
| Missing   | 295           | 0.49          | 100.00 |
| <b>Total</b>                                      | <b>59,963</b> | <b>100.00</b> |        |

| NPM 14.2: Someone living in the household smokes |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Someone in household uses tobacco                | 8,530         | 14.23         | 14.23  |
| No one in household uses tobacco                 | 50,426        | 84.10         | 98.32  |
| Missing  | 1,007         | 1.68          | 100.00 |
| <b>Total</b>                                     | <b>59,963</b> | <b>100.00</b> |        |

Appendix B: Unweighted Frequency Tables – National Performance and Outcome Measures

| NPM 15: Adequate and continuous insurance  |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Consistently insured/insurance is adequate | 39,501        | 65.88         | 65.88  |
| Had a coverage gap or inadequate insurance | 20,254        | 33.78         | 99.65  |
| Missing to any                             | 208           | 0.35          | 100.00 |
| <b>Total</b>                               | <b>59,963</b> | <b>100.00</b> |        |

**National Outcome Measures**

| NOM 14: Tooth decay/cavities, age 1-17 years |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Yes, tooth decay or cavities                 | 5,793         | 9.66          | 9.66   |
| No tooth decay or cavities                   | 51,976        | 86.68         | 96.34  |
| Children                                     | 1,915         | 3.19          | 99.53  |
| Missing                                      | 279           | 0.47          | 100.00 |
| <b>Total</b>                                 | <b>59,963</b> | <b>100.00</b> |        |

| NOM 17.1: Children with special health care needs |               |               |        |
|---|---------------|---------------|--------|
|   | Freq.         | Percent       | Cum.   |
| CSHCN   | 13,997        | 23.34         | 23.34  |
| Non-CSHCN   | 45,966        | 76.66         | 100.00 |
| <b>Total</b>                                      | <b>59,963</b> | <b>100.00</b> |        |

| NOM 17.2: Systems of care, children with special health care needs |               |               |        |
|--|---------------|---------------|--------|
|  | Freq.         | Percent       | Cum.   |
| Received care in a well-functioning system                         | 2,206         | 3.68          | 3.68   |
| did not receive care in a well-functioning system                  | 11,791        | 19.66         | 23.34  |
| Non-CSHCN  | 45,966        | 76.66         | 100.00 |
| <b>Total</b>   | <b>59,963</b> | <b>100.00</b> |        |

| NOM 17.3: Autism/ASD, age 3-17years |               |               |        |
|-------------------------------------|---------------|---------------|--------|
|                                     | Freq.         | Percent       | Cum.   |
| Do not have condition               | 50,666        | 84.50         | 84.50  |
| Ever told, no current condition     | 86            | 0.14          | 84.64  |
| Currently have condition            | 1,568         | 2.61          | 87.25  |
| 90                                  | 7,427         | 12.39         | 99.64  |
| Missing                             | 216           | 0.36          | 100.00 |
| <b>Total</b>                        | <b>59,963</b> | <b>100.00</b> |        |

| NOM 17.4: ADD/ADHD, age 3-17 years |               |               |        |
|------------------------------------|---------------|---------------|--------|
|                                    | Freq.         | Percent       | Cum.   |
| Do not have condition              | 46,053        | 76.80         | 76.80  |
| Ever told, no current condition    | 470           | 0.78          | 77.59  |
| Currently have condition           | 5,416         | 9.03          | 86.62  |
| Children age 0-2 years             | 7,427         | 12.39         | 99.00  |
| Missing                            | 597           | 1.00          | 100.00 |
| <b>Total</b>                       | <b>59,963</b> | <b>100.00</b> |        |

Appendix B: Unweighted Frequency Tables – National Performance and Outcome Measures

| NOM 18: Mental health treatment or counseling, age 3-17 years with a mental/ behavioral condition |        |         |        |
|---|--------|---------|--------|
|   | Freq.  | Percent | Cum.   |
| Received treatment  | 4,446  | 7.41    | 7.41   |
| Needed treatment, did not receive   | 3,629  | 6.05    | 13.47  |
| Age 0-2 years/Do not have conditions  | 51,606 | 86.06   | 99.53  |
| Missing   | 282    | 0.47    | 100.00 |
| Total   | 59,963 | 100.00  |        |

| NOM 19: Overall health status |        |         |        |
|-------------------------------|--------|---------|--------|
|                               | Freq.  | Percent | Cum.   |
| Excellent or very good        | 54,938 | 91.62   | 91.62  |
| Good                          | 4,129  | 6.89    | 98.51  |
| Fair or Poor                  | 751    | 1.25    | 99.76  |
| Missing                       | 145    | 0.24    | 100.00 |
| Total                         | 59,963 | 100.00  |        |

| NOM 20: Obesity, age 10-17 years       |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Underweight (less than 5th percentile) | 1,937  | 3.23    | 3.23   |
| Normal weight (5th to 84th percentile) | 19,959 | 33.29   | 36.52  |
| Overweight (85th to 94th percentile)   | 4,485  | 7.48    | 44.00  |
| Obese (95th percentile or above)       | 4,047  | 6.75    | 50.74  |
| Children age 0-9 years                 | 28,430 | 47.41   | 98.16  |
| Missing                                | 1,105  | 1.84    | 100.00 |
| Total                                  | 59,963 | 100.00  |        |

| NOM 25: Forgone health care            |        |         |        |
|--|--------|---------|--------|
|  | Freq.  | Percent | Cum.   |
| Did not receive needed health care     | 1,611  | 2.69    | 2.69   |
| Received needed health care/not needed | 58,131 | 96.94   | 99.63  |
| Missing                                | 221    | 0.37    | 100.00 |
| Total                                  | 59,963 | 100.00  |        |

# Appendix C:

## Methods Notes on Imputation of Missing Values

### Household Income Missing Values

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## Methods Notes on Imputation of Missing Values

In the 2018-2019 NSCH, income, household count, and respondent education variables were multiply imputed and the first imputates 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 2018-2019 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 2018, 15.3% of completed topical questionnaires had missing values for FPL; in 2019, this was 17.6%.

### *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 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 Census Bureau's 2018 and 2019 NSCH topical public use file contains all six imputed FPL (FPL\_I1-FPL\_I6) variables.

The income (federal poverty level) variables ("povlev4\_1819" and "povSCHIP\_1819") in the DRC 2018-2019 two years combined NSCH Data set were generated using a single imputation value from the 2018 and 2019 NSCH Topical public use data file provided by the 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/methodology/NSCH-Analysis-with-Imputed-Data-Guide.pdf>.

SAS and Stata data files with imputed FPL estimates can be downloaded from the Census Bureau's website: <https://www.census.gov/data/datasets/2019/demo/nsch/nsch2019.html>.