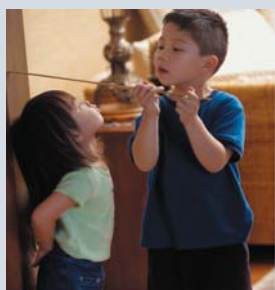


2016 National Survey of Children's Health

SPSS CODEBOOK FOR DATA USERS:

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

Version 2.0: April 2018



Recommended Citation

Appropriate citation should accompany publication or presentation of any analysis involving variables constructed using code from this document in any form. The following format is recommended:

Child and Adolescent Health Measurement Initiative (CAHMI), Data Resource Center for Child and Adolescent Health. (2018). "2016 National Survey of Children's Health: Child and Family Health Measures and Subgroups, SPSS Codebook, Version 2.0", Retrieved [mm/dd/yy] from **www.childhealthdata.org**



CONTENTS

Introduction

| | |
|--|---|
| Purpose of the 2016 NSCH SPSS Codebook | 1 |
| The CAHMI Data Resource Center for Child and Adolescent Health | 1 |
| Overview of the 2016 NSCH | 2 |
| Important Information Regarding the 2016 NSCH Data | 3 |

Child and Family Health Measures and Subgroups

Physical, Oral Health and Functional Status

| | | |
|------|--|----|
| 1.1 | Health status | 7 |
| 1.2 | Condition of teeth, 1-17 years | 8 |
| 1.2a | Oral health problems, 1-17 years | 9 |
| 1.3 | Breastfed ever, 0-5 years | 11 |
| 1.3a | Exclusive breastfeeding, age 6 months-5 years | 12 |
| 1.4 | Weight status (BMI) in 4 categories, 10-17 years | 14 |
| 1.4a | Weight status (BMI) in 3 categories, 10-17 years | 16 |
| 1.5 | Physical activity, 6-17 years | 18 |
| 1.6 | Concerns about weight | 19 |
| 1.7 | Low birth weight | 20 |
| 1.7a | Low or very low birth weight | 21 |
| 1.8 | Premature birth | 22 |
| 1.9 | One or more health conditions | 23 |
| 1.9a | Severity of current condition | 32 |
| 1.10 | One or more functional difficulties | 40 |
| 1.11 | Children with special health care needs | 45 |
| 1.12 | Effect of conditions on daily activities | 49 |

Emotional and Mental Health

| | | |
|-----|--|----|
| 2.1 | Bully others, 6-17 years | 50 |
| 2.2 | Bullied, 6-17 years | 51 |
| 2.3 | Flourishing for young children, 6 months-5 years | 52 |
| 2.4 | Flourishing for children and adolescents, 6-17 years | 55 |

| | | |
|------|--|----|
| 2.5 | Argues too much, 6-17 years | 57 |
| 2.6 | Making and keeping friends, 6-17 years..... | 58 |
| 2.7 | Prevalence of ADD/ADHD, 3-17 years..... | 59 |
| 2.7a | Parent-rated severity of ADD/ADHD, 3-17 years..... | 60 |
| 2.7b | Medication for ADD/ADHD, 3-17 years | 61 |
| 2.7c | Received behavioral treatment for ADD/ADHD, 3-17 years..... | 62 |
| 2.8 | Prevalence of autism/ASD, 3-17 years). | 63 |
| 2.8a | Parent-rated severity of autism/ASD, 3-17 years..... | 64 |
| 2.8b | Medication for autism/ASD, 3-17 years | 65 |
| 2.8c | Received behavioral treatment for ASD, 3-17 years | 66 |
| 2.8d | Age of diagnosis for autism/ASD, 3-17 years..... | 67 |
| 2.8e | Type of health care provider to first tell that child had autism/ASD, 3-17 years..... | 68 |
| 2.9 | Medication for ADD/ADHD, ASD or difficulties with emotions, concentration, or behavior, 3-17 years | 69 |

Health Insurance Coverage

| | | |
|------|---|----|
| 3.1 | Current health insurance status..... | 70 |
| 3.2 | Consistency of insurance coverage..... | 71 |
| 3.3 | Type of health insurance | 73 |
| 3.4 | Adequacy of current insurance | 75 |
| 3.4a | Adequate insurance..... | 77 |
| 3.5 | Insurance coverage for mental health care, 3-17 years | 79 |
| 3.6 | Out-of-pocket cost for medical and health care..... | 80 |

Health Care Access and Quality

| | | |
|------|--|----|
| 4.1 | Medical care visit | 81 |
| 4.1a | Preventive medical visit | 82 |
| 4.1b | Time with doctor during preventive medical visit..... | 83 |
| 4.1c | Doctor spoke with child privately, 12-17 years | 84 |
| 4.2 | Dentist visit, 1-17 years | 85 |
| 4.2a | Preventive dental care, 1-17 years..... | 86 |
| 4.3 | Received both preventive medical and dental care..... | 87 |
| 4.4 | Received mental health care, 3-17 years..... | 88 |
| 4.4a | Problems obtaining mental health care, 3-17 years | 89 |
| 4.5 | Received care from a specialist doctor..... | 90 |
| 4.5a | Problems obtaining specialist care | 91 |
| 4.6 | Vision test | 92 |
| 4.7 | Hospital emergency room visit | 93 |
| 4.8 | Alternative health care or treatment | 94 |
| 4.9 | Doctor asked about parental concerns, age 0-5 years..... | 95 |

| | | |
|-------|---|-----|
| 4.10 | Developmental screening, 9-35 months | 96 |
| 4.11 | Special services for developmental needs | 98 |
| 4.11a | Age started receiving special services for developmental needs..... | 99 |
| 4.12 | Medical home | 100 |
| 4.12a | Personal doctor or nurse | 106 |
| 4.12b | Usual source for sick and preventive care..... | 107 |
| 4.12c | Family-centered care | 108 |
| 4.12d | Problems getting needed referrals | 111 |
| 4.12e | Effective care coordination | 112 |
| 4.14 | Shared decision making | 115 |
| 4.15 | Transition to adult health care, 12-17 years | 118 |
| 4.17 | Systems of care | 121 |
| 4.18 | Forgone health care..... | 124 |
| 4.19 | Problems paying medical bills | 128 |
| 4.20 | Frustrated in efforts to get services | 129 |

Community and School Activities

| | | |
|------|--|-----|
| 5.1 | Special education or early intervention plan, 1-17 years..... | 130 |
| 5.1a | Age started special education or early intervention plan..... | 132 |
| 5.2 | School engagement, 6-17 years..... | 133 |
| 5.3 | Repeated grade(s) in school, 6-17 years | 135 |
| 5.4 | Missed school days, 6-17 years | 136 |
| 5.5 | Participation in organized activities, 6-17 years | 137 |
| 5.6 | Parent participation in child's event/activities, 6-17 years | 139 |
| 5.7 | Participation in community service or volunteer work, 6-17 years | 140 |
| 5.8 | Work for pay, 12 -17 years | 141 |
| 5.9 | Adult mentor, 6-17 years | 142 |
| 5.11 | Healthy and ready to learn measure individual items , 3-5 years | 143 |

Family Health and Activities

| | | |
|------|--|-----|
| 6.1 | Physical health status of mother..... | 150 |
| 6.1a | Physical health status of father..... | 152 |
| 6.2 | Mental health status of mother | 154 |
| 6.2a | Mental health status of father | 156 |
| 6.3 | Overall health status of mother..... | 158 |
| 6.3a | Overall health status of father..... | 160 |
| 6.4 | Someone living in the household smokes | 162 |
| 6.4a | Someone smokes inside the home | 163 |
| 6.5 | Children living in "working poor" families | 164 |
| 6.6 | Family shares ideas, 6-17 years..... | 166 |

| | | |
|-------|---|-----|
| 6.7 | Family reads to children, 0-5 years | 167 |
| 6.8 | Family sings and tells stories to children, 0-5 years | 168 |
| 6.9 | Family eats meal together | 169 |
| 6.10 | Time spent watching TV or playing video games | 170 |
| 6.11 | Time spent with a computer, cell phone, electronic device | 171 |
| 6.12 | Family resilience | 172 |
| 6.13 | Adverse childhood experiences | 174 |
| 6.14 | Parental aggravation | 178 |
| 6.15 | Parent receives emotional help when parenting | 180 |
| 6.16 | Coping with daily demands of raising children | 181 |
| 6.17 | Job change due to problems with child care, 0-5 years | 182 |
| 6.18 | Stopped working and cut back hours due to child's health | 183 |
| 6.19 | Avoided changing jobs | 184 |
| 6.20a | Time spent providing health care | 185 |
| 6.20b | Time spend coordinating health care | 186 |
| 6.21 | Received day care from others at least 10 hours/week, 0-5 years | 187 |
| 6.22 | Sleep position, 0-12 months | 188 |
| 6.24 | Child goes to bed same time on weeknights | 189 |
| 6.25 | Adequate amount of sleep, 4 months-17 years | 190 |
| 6.26 | Food insufficiency | 192 |
| 6.27 | Received food or cash assistance | 193 |

Neighborhood Safety and Support

| | | |
|-----|--|-----|
| 7.1 | Supportive neighborhood | 195 |
| 7.2 | Safe neighborhood | 196 |
| 7.3 | Safe school, 6-17 years | 197 |
| 7.4 | Neighborhood amenities | 198 |
| 7.5 | Presence of detracting neighborhood elements | 200 |

Subgroups

| | |
|--|-----|
| U.S. children in 3 age groups | 202 |
| U.S. children in 5 age groups | 203 |
| Sex of child | 204 |
| Race and ethnicity distribution of the child population | 205 |
| Race and ethnicity distribution of the child population including Asian data | 207 |
| Parental nativity | 209 |
| Primary household language | 210 |
| Primary household language for Hispanic children | 211 |
| Family structure of child's household | 212 |
| Income level (federal poverty level, FPL) of child's household | 213 |

| | |
|---|-----|
| Income level (federal poverty level, FPL) of child's household - SCHIP groupings..... | 214 |
| Highest education of adult in household | 215 |

Title V Block Grant Measures

| | |
|--|-----|
| NPM 6: Developmental screening, age 9-35 months | 217 |
| NPM 8.1: Physical activity, age 6-11 years..... | 220 |
| NPM 8.2: Physical activity, age 12-17 years..... | 222 |
| NPM 9: Bully others, age 12-17 years | 224 |
| NPM 9: Bullied, age 12-17 years | 226 |
| NPM 10: Preventive medical visit, age 12-17 years | 228 |
| NPM 11: Medical home, children with special health care needs (CSHCN) | 230 |
| NPM 11: Medical home, children without special health care needs (Non-CSHCN) | 236 |
| NPM 12: Transition to adult health care, CSHCN age 12-17 years | 238 |
| NPM 12: Transition to adult health care, Non-CSHCN age 12-17 years..... | 241 |
| NPM 13.2: Preventive dental visit, age 1-17 years..... | 243 |
| NPM 14.2: Someone living in the household smokes | 245 |
| NPM 15: Adequate insurance | 247 |
| NOM 14: Tooth decay/cavities, age 1-17 years..... | 251 |
| NOM 17.1: Children with special health care needs..... | 252 |
| NOM 17.2: Systems of care, children with special health care needs | 255 |
| NOM 17.3: Autism, age 3-17 years..... | 259 |
| NOM 17.4: ADD/ADHD, age 3-17 years..... | 261 |
| NOM 18: Mental health treatment, age 3-17 years..... | 263 |
| NOM 19: Overall health status | 266 |
| NOM 20: Obesity, age 10-17 years | 267 |
| NOM 25: Forgone health care | 269 |

| | |
|---|------------|
| Appendix A: Unweighted Frequency Tables - Child & Family Health Measures and Subgroups | A-1 |
|---|------------|

| | |
|--|------------|
| Appendix B: Unweighted Frequency Tables - Title V Block Grant Measures..... | B-1 |
|--|------------|

| | |
|--|------------|
| Appendix C: Notes on the Design of the 2016 NSCH..... | C-1 |
|--|------------|

| | |
|---|------------|
| Appendix D: Notes on Imputation for Missing Values | D-1 |
|---|------------|



Acknowledgments

This publication is prepared and updated, as needed, by the Child and Adolescent Health Measurement Initiative (CAHMI).

The CAHMI team extends their heartfelt thanks to the Federal Maternal and Child Health Bureau (MCHB) for assuring the availability of high-quality national and state-level survey data on children's health. We also wish to thank MCHB for their continued support of the Data Resource Center for Child and Adolescent Health (DRC).

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 many DRC advisors and experts nationally and in states.

Last, 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 2016 NSCH SPSS Codebook

This codebook contains documentation and SAS program statements used in the development of the Child and Family Health Measures, 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 2016 National Survey of Children's Health (NSCH) located online at www.childhealthdata.org. 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 2016 NSCH Data Set, which includes all of the measures and subgroup variables listed herein. The dataset is available free of charge, using the "Request a Dataset" feature on the DRC website, <http://childhealthdata.org/help/dataset>.

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

The Data Resource Center for Child and Adolescent Health (DRC) is an easy-to-use public website that eliminates barriers and reduces time and resources needed to obtain key findings on the health and health care of children, youth, and families in the United States. The DRC is funded through a cooperative agreement with the Maternal and Child Health Bureau (MCHB) and is 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.

The main feature of the DRC is an interactive data query that includes over 100 standardized measures from national- and state-based surveys 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 or for any state. The survey questionnaires, sampling diagrams, methods reports, articles and presentations based on the surveys, and other resources may also be accessed on the DRC web site.

Overview of the 2016 NSCH

The 2016 National Survey of Children's Health (NSCH) was conducted from June 2016 through February 2017 by the Census Bureau of the United States. It was sponsored by the U.S. Department of Health and Human Services, Health Resources and Services Administration, Maternal and Child Health Bureau (MCHB) and consolidated content from the NSCH and the National Survey of Children with Special Health Care Needs. Starting with 2016, the NSCH will be fielded annually. The survey was designed to:

- (1) estimate national and state-level prevalence for a variety of child and family health measures,
- (2) generate information about children, families, school, and neighborhoods to help guide policymakers, advocates, and researchers, and
- (3) provide baseline estimates for federal and state performance measures, Healthy People 2020 objectives, and state-level needs assessments.

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. For the 2016 survey, a total of 50,212 NSCH interviews were completed nationally by parents/caregivers of children and youth - approximately 985 in each state and the District of Columbia, ranging from 638 in Mississippi to 1,351 in Minnesota. Survey results are adjusted and weighted to reflect the demographic composition of non-institutionalized children and youth age 0–17 in each state. 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 neighborhood and community characteristics.

For the 2016 National Survey of Children's Health, surveys were completed by mail and online. Households received a mailed invitation asking an adult who is familiar with child's health and health care in the household (usually the parent) to go online to complete a short screener questionnaire. The screener questionnaire asked participants to identify all children ages 0-17 living in the household. If a child lived in the household, the participants were then immediately directed to a more detailed, age-specific topical questionnaire. Only one child per household was randomly selected to be the subject of the detailed topical questionnaire. All non-responding households received a reminder in the mail. A mailed paper-and-pencil screener was provided if the household did not respond to the first two web survey invitations. A simple visual diagram for the survey sampling and administration is available on the [DRC website](#).

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, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN, or to conduct any type of trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016 and moving forward. See Appendix C to learn about the redesign of NSCH.

Additional resources detailing information about the NSCH - including Fast Facts, Survey Sampling and Administration Diagram, and a Guide to Topics and Questions - are available [on the DRC](#). The public use data file for the 2016 NSCH, along with [Methodology Report](#) and other relevant background information and documentation, is located on the United States Census Bureau website, <https://census.gov/programs-surveys/nsch/about.html> and on the MCHB website <https://mchb.hrsa.gov/data/national-surveys>.

Important Information Regarding the 2016 NSCH Data

Weighting

Each record in the 2016 NSCH public release dataset is assigned a single sampling weight (variable name **FWC**). Population weights make adjustments for nonresponses to both the household screener and the topical survey instrument, within-household subsampling procedures, and use data from the American Community Survey to adjust estimates to be representative of the gender, ethnic and race distributions of children in the U.S.

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. Last, 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, and educational attainment of the household respondent, race, ethnicity, and special health care needs status by state, as well as age and sex nationally.

State population counts were obtained from the 2015 American Community Survey (ACS). More details are available within the Census's "[2016 National Survey of Children's Health, Methodology Report](#)" and [Source and Accuracy Statement](#).

Variance estimation

Using statistical software with the capacity to take into account the complex sampling design of the 2016 NSCH is required 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 SUDAAN, SAS survey procedures, Stata, WesVar, and SPSS Complex Samples.

The sampling plan should be set up as following:

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

Cluster: HHID (unique household identifier)

Weight: FWC

The NSCH is designed to provide independent data results 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

Currently, the 2016 NSCH's most comprehensive data is available at the national level, including data for subgroups of children (e.g. race/ethnicity, health status, insurance type, etc.). State-level data is available for many items and MCH performance and outcome measures, but may not be available for subgroups of children in each state due to sample size limitations. The DRC data query alerts data users when estimates are suppressed or flagged as imprecise using the criteria set by the Maternal Child Health Bureau (MCHB). The data suppression and precision alert used for the DRC data query is available at: http://childhealthdata.org/docs/default-source/drc/2016-nsch_data-supression-and-display_revised_102317.pdf?sfvrsn=388d5417_2. Beginning in 2017, pooled multi-year estimates may enable the presentation of additional state-level subgroup data.

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

It is important to note that the Census Bureau used 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 **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, CO, HI, ID, IA, KS, ME, MT, NE, NH, NM, ND, OR, SD, UT, VT, WV, WI, WY
- **Asian:** AL, AR, ID, IN, LA, ME, MS, MO, MT, NE, NM, ND, OK, SC, SD, TN, UT, VT, WV, WY
- **Hispanic Origin:** AL, ME, MS, VT, WV

Substate data availability

The 2016 National Survey of Children's Health reports four geographic variables for some states 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). More information about the geographic variables can be found on the Census's "[2016 National Survey of Children's Health, Methodology Report](#)" (pages 51-53).

Zip code data is 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 RDC web page,
<https://www.census.gov/about/adrm/fsrdc/about.html>.

Interpretation of results

The respondents to the NSCH survey are parents or guardians who know the child's health best. 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 report, not clinical diagnosis. Height and weight information used to calculate the Body Mass Index (BMI)-for-age indicator is also derived from parent report, not biometric measurement.

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 and 6–17 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 due to non-response or a "don't know" response are not included in the denominator of prevalence estimates and weighted population counts displayed on the DRC 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.). When missing cases are handled in any other way, details will be shown in the "Additional Notes" section for each measure below. A few questions have higher proportions of unknown values, most notably BMI-for-age (3.4% unweighted) of children age 10–17, nationwide. The impact of missing values on population count estimates is available on the [DRC website](#).

Imputation of missing values

The 2016 NSCH public data file provided by the United States Census Bureau includes the single imputed household poverty ratio (FPL), which had 18.6% missing values. The data file also offers several other imputed variables, such as child's sex (SC_SEX), race (SC_RACE_R, SC_RACEASIA, SC_RACEAIAN), hispanic origin (SC_HISPANIC), household size (HHSIZE_I) and Adult 1 highest education level (A1_GRAD_I) with a corresponding flag variable to let you know which cases were imputed. In the 2016 NSCH, income, household count, and education variables were multiply imputed and the first implicates of income, household count, and education variables are included in the public use file.

Results tables available on the Data Resource Center data query use values obtained by **single imputation** provided in the Census public use data file. **The estimates and confidence intervals based on single imputation will differ from those calculated using multiple imputation.** Appendix D provides additional information on the single imputation of missing values in the DRC 2016 NSCH Dataset.

The implicate data file with six imputed values for poverty level ratio is available on the Census Bureau's website, at <https://census.gov/programs-surveys/nsch/data/nsch2016.html>. 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 can be used ONLY as a resource for cross-checking results, NOT for reporting of the survey estimates.

Additional information on survey design and methodology

The Census developed a Methodology Report that describes the development, plan, and operation of the 2016 National Survey of Children's Health. View or download the report from the United States Census Bureau website at <https://www.census.gov/content/dam/Census/programs-surveys/nsch/tech-documentation/methodology/2016-NSCH-Methodology-Report.pdf>.

2016 National Survey of Children's Health
Child and Family Health Measures and
Subgroup Variables



| | |
|--|--|
| Indicator 1.1 | Health status |
| Description | In general, how would you describe this child's health? |
| Survey Items Used | Survey instrument item number for children 0-5 years: A1; for children 6-11 years: A1; for children 12-17 years: A1 Variable in public use data file: K2Q01 |
| Denominator | Children age 0-17 years |
| Numerator | Children who have excellent or very good health; Children who have good health; Children who have fair or poor health |
| Notes for Data-Users | |
| This measure combines five response categories (excellent, very good, good, fair, and poor) into three response categories. Estimates may vary compared to similar indicators from other surveys provided elsewhere on the DRC website because of differences in survey wording and survey administration. | |
| Revisions in 2016 | |
| The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K2Q01 (1 thru 2=1) (3=2) (4 thru 5=3) (SYSMIS=99) into ChHlthSt_16. VARIABLE LABELS ChHlthSt_16 "Indicator 1.1: Children's overall health status". VALUE LABELS ChHlthSt_16 1 "Excellent or very good" 2 "Good" 3 "Fair or poor" 99 "Missing" . MISSING VALUES ChHlthSt_16(99). FORMATS ChHlthSt_16(f2.0) . EXECUTE . </pre> | |

| | |
|--|--|
| Indicator 1.2 | Condition of teeth, age 1-17 years |
| Description | How would you describe the condition of this child's teeth? |
| Survey Items Used | Survey instrument item number for children 0-5 years: A2; for children 6-11 years: A2; for children 12-17 years: A2 Variable in public use data file: K2Q01_D |
| Denominator | Children age 1-17 years |
| Numerator | Children who have excellent or very good teeth; Children who have good teeth; Children who have fair or poor teeth |
| Notes for Data-Users | |
| This measure combines five response categories (excellent, very good, good, fair, and poor) into three response categories. Children who have no natural teeth or who are less than one year old are not included in this indicator. | |
| Revisions in 2016 | |
| The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K2Q01_D (1 thru 2=1) (3=2) (4 thru 5=3) (6=95) (SYSMIS=99) into TeethCond_16. IF SC_AGE_YEARS < 1 TeethCond_16 = 95. VARIABLE LABELS TeethCond_16 "Indicator 1.2: Overall condition of children's teeth, age 1-17 years". VALUE LABELS TeethCond_16 1 "Excellent or very good" 2 "Good" 3 "Fair or poor" 95 "Children age 0-1 year or Children with no teeth" 99 "Missing". MISSING VALUES TeethCond_16(95,99). FORMATS TeethCond_16(f4.0). EXECUTE. </pre> | |

| | |
|--|---|
| Indicator 1.2a | Oral health problems, age 1-17 years |
| Description | During the past 12 months, has this child had oral health problems such as toothaches, bleeding gums or decayed teeth or cavities? |
| Survey Items Used | Survey instrument item number for children 0-5 years: A4g-i; for children 6-11 years: A4e-g; for children 12-17 years: A4 e-g Variables in public use data file: TOOTHACHE, GUMBLEED, CAVITIES |
| Denominator | Children age 1-17 years |
| Numerator | Children who had one or more oral health problems in past 12 months; Children who did not have oral health problems in past 12 months |
| Notes for Data-Users | |
| This measure was created using three survey questions: whether the child had a toothache in the past 12 months, whether the child had bleeding gums in the past 12 months, or whether the child had decayed teeth/cavities in the past 12 months. | |
| Revisions in 2016 | |
| <p>In 2011/12, one question asked if a child had a toothache, decayed teeth, or cavities. In 2016, two separate questions asked whether the child had a “toothache” or “decayed teeth or cavities” in the past 12 months. Additionally, a third question asked whether the child had bleeding gums in the past 12 months. The 2016 items capture frequent or chronic difficulty rather than any experience in the past year. There were changes to the wording of this question. For more information about the changes, click here.</p> <p>Due to changes in the survey’s mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE TOOTHACHES (SYSMIS=99) (else=copy) into toothache_16. IF SC_AGE_YEARS < 1 toothache_16 = 95. VARIABLE LABELS toothache_16 "Children who had toothache during the past 12 months, age 1-17 years". VALUE LABELS toothache_16 1 "Yes" 2 "No" 95 "Children age less than 1 year old" 99 "Missing". MISSING VALUES toothache_16(95,99). EXECUTE. RECODE GUMBLEED (SYSMIS=99) (else=copy) into gumbleed_16. IF SC_AGE_YEARS < 1 gumbleed_16 = 95. VARIABLE LABELS gumbleed_16 "Children who had bleeding gum during the past 12 months, age 1-17 years". VALUE LABELS gumbleed_16 1 "Yes" </pre> | |

```

2 "No"
95 "Children age less than 1 year old"
99 "Missing".
MISSING VALUES gumbleed_16(95,99).
EXECUTE.

RECODE CAVITIES
(SYSMIS=99) (else=copy) into cavities_16.
IF SC_AGE_YEARS < 1 cavities_16 = 95.
VARIABLE LABELS cavities_16 "Children who had decayed teeth or cavities during the past 12 months, age 1-17 years".
VALUE LABELS cavities_16
1 "Yes"
2 "No"
95 "Children age less than 1 year old"
99 "Missing".
MISSING VALUES cavities_16(95,99).
EXECUTE.

COUNT ctOralProb_16 = TOOTHACHES GUMBLEED CAVITIES(1).
IF (SYSMIS(TOOTHACHES)) and (SYSMIS(GUMBLEED)) and (SYSMIS(CAVITIES)) ctOralProb_16 = 99.
IF SC_AGE_YEARS < 1 ctOralProb_16 = 95.
VARIABLE LABELS ctOralProb_16 "Number of oral health problems, age 1-17 years".
VALUE LABELS ctOralProb_16
0 "No oral health problems"
1 "One oral health problem"
2 "Two oral health problems"
3 "Three oral health problems"
95 "Children age less than 1 year"
99 "Missing to all".

COMPUTE OralProb_16 = 999.
IF ctOralProb_16 = 0 OralProb_16 = 2.
IF ctOralProb_16 > 0 OralProb_16 = 1.
IF ctOralProb_16 = 99 OralProb_16 = 99.
IF SC_AGE_YEARS < 1 OralProb_16 = 95.
VARIABLE LABELS OralProb_16 "Indicator 1.2a: Oral health problems: toothache, bleeding gums, and/or decayed teeth or cavities, age 1-17 years".
VALUE LABELS OralProb_16
1 "One or more oral health problems"
2 "No oral health problems"
95 "Children age less than 1 year"
99 "Missing to all".
MISSING VALUES OralProb_16(95,99).
FORMATS OralProb_16(f2.0).
EXECUTE.

```

| | |
|--|---|
| Indicator 1.3 | Breastfed ever, age 0-5 years |
| Description | Was this child ever breastfed or fed breast milk? |
| Survey Items Used | Survey instrument item number for children 0-5 years: B4 Variable name in public use data file: K6Q40 |
| Denominator | Children age 0-5 years |
| Numerator | Children less than 6 years old who were never breastfed or fed breast milk; Children less than 6 years old who were breastfed or fed breast milk during infancy |
| Notes for Data-Users | |
| This measure was derived from a single item. | |
| Revisions in 2016 | |
| The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K6Q40 (SYSMIS=99) (else=copy) into BrstEver_16. IF SC_AGE_YEARS > 5 BrstEver_16 = 90. VARIABLE LABELS BrstEver_16 "Indicator 1.3: Children who were ever breastfed or fed breast milk, age 0-5 years". VALUE LABELS BrstEver_16 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 6-17 years". MISSING VALUES BrstEver_16(90,99). FORMATS BrstEver_16(f4.0). EXECUTE. </pre> | |

| | |
|--|---|
| Indicator 1.3a | Exclusively breastfed first 6 months, age 6 months-5 years |
| Description | How old was this child when he or she completely stopped breastfeeding or being fed breast milk? |
| Survey Items Used | Survey instrument item number for children 0-5 years: B4 Variables in public use data file: K6Q40; BREASTFEDEND_MO_S; K6Q41R_STILL; FRSTFORMULA_MO_S; K6Q42R_NEVER; FRSTSOLIDS_MO_S; K6Q43R_NEVER |
| Denominator | Children age 6 months - 5 years |
| Numerator | Children who were never breastfed; Children who were exclusively breastfed or fed breast milk for the first six months; Children who were breast fed or fed breast milk, but not exclusively during the first six months; Children whose exclusivity is not known |
| Notes for Data-Users | |
| <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 stopped, 3) age at which formula was introduced, and 4) age at which anything other than breast milk 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> | |
| Revisions in 2016 | |
| <p>The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <p>*Stopped breastfeeding before 6 months or after 6 months*</p> <pre> COMPUTE BrstStop_16 = 999. IF (SYSMIS(BREASTFEDEND_MO_S)) BrstStop_16 = 99. IF BREASTFEDEND_MO_S < 6 BrstStop_16 = 1. IF BREASTFEDEND_MO_S >= 6 OR K6Q41R_STILL = 1 BrstStop_16 = 2. *IF K6Q40 = 2 or (SYSMIS(K6Q40)) BrstStop_16 = 95. IF SC_AGE_YEARS > 5 BrstStop_16 = 90. VARIABLE LABELS BrstStop_16 "Age in months when stopped breastfeeding". VALUE LABELS BrstStop_16 1 "Less than 6 months" 2 "6 months or longer, or still breastfeeding" 95 "Never breastfeed/Missing to K6Q40" 99 "Missing" 90 "Children age 6-17 years". </pre> | |

*Fed formula earlier than 6 months, after 6 months or never

```

COMPUTE FedForm_16 = 999.
IF (SYSMIS(FRSTFORMULA_MO_S)) FedForm_16 = 99.
IF FRSTFORMULA_MO_S < 6 FedForm_16 = 1.
IF FRSTFORMULA_MO_S >= 6 or K6Q42R_NEVER = 1 FedForm_16 = 2.
IF SC_AGE_YEARS > 5 FedForm_16 = 90.
VARIABLE LABELS FedForm_16 "Age in months when first fed formula".
VALUE LABELS FedForm_16
  1 "Earlier than 6 months"
  2 "6 months or after or never fed formula"
  99 "Missing"
  90 "Children age 6-17 years".
    
```

*Fed other food earlier than 6 months, after 6 months or never

```

COMPUTE FedOther_16=999.
IF (SYSMIS(FRSTSOLIDS_MO_S)) FedOther_16 = 99.
IF FRSTSOLIDS_MO_S < 6 FedOther_16 = 1.
IF FRSTSOLIDS_MO_S >= 6 or K6Q43R_NEVER = 1 FedOther_16 = 2.
IF SC_AGE_YEARS > 5 FedOther_16 = 90.
VARIABLE LABELS FedOther_16 "Age in months when first fed other food".
VALUE LABELS FedOther_16
  1 "Earlier than 6 months"
  2 "6 months or after or never fed other food"
  99 "Missing"
  90 "Children age 6-17 years".
    
```

**Indicator 1.3a: Exclusively breastfed, age 6 months-5 years

```

COMPUTE ExBrstFd_16 = 4.
IF BrstStop_16 = 2 and FedForm_16 = 2 and FedOther_16 = 2 ExBrstFd_16 = 2.
IF BrstStop_16 = 1 or FedForm_16 = 1 or FedOther_16 = 1 ExBrstFd_16 = 3.
IF K6Q40 = 2 ExBrstFd_16 = 1.
IF (SYSMIS(K6Q40)) ExBrstFd_16 = 99.
IF SC_AGE_LT6 = 1 ExBrstFd_16 = 95.
IF SC_AGE_YEARS > 5 ExBrstFd_16 = 90.
VARIABLE LABELS ExBrstFd_16 "Indicator 1.3a: Exclusively breastfed or given breast milk for first 6 months, age 6 months-5 years".
VALUE LABELS ExBrstFd_16
  1 "Never breastfed or given breast milk"
  2 "Exclusively breastfed for first 6 months"
  3 "Breastfed, NOT exclusively for first 6 months"
  4 "Breastfed, exclusivity not known"
  99 "Missing"
  95 "Children less than 6 months"
  90 "Children age 6-17 years".
MISSING VALUES ExBrstFd_16(90,95,99).
    
```

| | |
|--|--|
| Indicator 1.4 | Weight status (BMI) in 4 categories, age 10-17 years |
| Description | What is the weight status of the child based on Body Mass Index (BMI)-for-age? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C5,C4; for children 6-11 years: C5,C4; for children 12-17 years: C6,C5 Variable name in public use file: BMICLASS |
| Denominator | Children age 10-17 years |
| Numerator | Children underweight (less than 5th percentile); children with healthy weight (5th to 84th percentile); overweight children (85th to 94th percentile); obese children (95th percentile or above) |
| Notes for Data-Users | |
| <p>Assessment of body mass index in children and teenagers is approached differently than for adults. Because growth patterns differ, BMI in youth is age and gender specific.</p> <p>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.</p> <p>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> | |
| Revisions in 2016 | |
| <p>There were changes to the wording of this question. For more information about the changes, click here. Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre>COMPUTE BMI4_16 = BMICLASS. IF (SYSMIS(BMICLASS)) BMI4_16 = 99. IF SC_AGE_YEARS < 10 BMI4_16 = 90. VARIABLE LABELS BMI4_16 "Indicator 1.4: Weight status of children based on Body Mass Index for age - 4 categories, 10-17 years". VALUE LABELS BMI4_16 1 "Underweight (less than 5th percentile)" 2 "Healthy weight (5th to 84th percentile)" 3 "Overweight (85th to 94th percentile)"</pre> | |

4 "Obese (95th percentile or above)"
99 "Missing"
90 "Children age 0-9 years".
MISSING VALUES BMI4_16(90,99).
EXECUTE.

| | |
|--|---|
| Indicator 1.4a | Weight status (BMI) in 3 categories, age 10-17 years |
| Description | Is this child currently overweight or obese, based on Body Mass Index (BMI)-for-age? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C5,C4; for children 6-11 years: C5,C4; for children 12-17 years: C6,C5 Variable in public use file: BMICLASS |
| Denominator | Children age 10-17 years |
| Numerator | Children underweight (less than 5th percentile); Children with healthy weight (5th to 84th percentile); Overweight or obese children (85th or above) |
| Notes for Data-Users | |
| <p>Assessment of body mass index in children and teenagers is approached differently than for adults. Because growth patterns differ, BMI in youth is age and gender specific.</p> <p>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.</p> <p>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> | |
| Revisions in 2016 | |
| <p>There were changes to the wording of this question. For more information about the changes, click here. Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre>COMPUTE BMI3_16 = 999. IF BMICLASS = 1 BMI3_16 = 1. IF BMICLASS = 2 BMI3_16 = 2. IF BMICLASS = 3 or BMICLASS = 4 BMI3_16 = 3. IF (SYSMIS(BMICLASS)) BMI3_16 = 99. IF SC_AGE_YEARS < 10 BMI3_16 = 90. VARIABLE LABELS BMI3_16 "Indicator 1.4a: Weight status of children based on Body Mass Index for age - 3 categories, 10-17 years". VALUE LABELS BMI3_16</pre> | |

1 "Underweight (less than 5th percentile)"
2 "Healthy weight (5th to 84th percentile)"
3 "Overweight or obese (85th percentile or above)"
99 "Missing"
90 "Children age 0-9 years".
MISSING VALUES BMI3_16(90,99).
EXECUTE.

| | |
|---|--|
| Indicator 1.5 | Physical activity, age 6-17 years |
| Description | During the past week, on how many days did this child exercise, play a sport, or participate in physical activity for at least 60 minutes? |
| Survey Items Used | Survey instrument item number: for children 6-11 years: G6; for children 12-17 years: G6 Variable in public use data file: PHYSACTIV |
| Denominator | Children age 6-17 years |
| Numerator | Children who exercise, play a sport, or participate in physical activity for at least 60 minutes 0 days; Children who exercise, play a sport, or participate in physical activity for at least 60 minutes 1-3 days; Children who exercise, play a sport, or participate in physical activity for at least 60 minutes 4-6 days; Children who exercise, play a sport, or participate in physical activity for at least 60 minutes everyday |
| Notes for Data-Users | |
| This question is asked for children between 6 and 17 years of age. | |
| Revisions in 2016 | |
| <p>The 2011/12 NSCH asked if a child regularly completed 20 minutes/day of physical activity. The 2016 NSCH asks if a child regularly completes 60 minutes/day of physical activity, reflecting National Performance Measure #8. In the 2011/12 NSCH, answer choices were open-ended and survey respondents could indicate up to 7 days. In the 2016 NSCH, response options are reported in number of days.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE PHYSACTIV (SYSMIS=99) (else=copy) into PhysAct_16. IF SC_AGE_YEARS < 6 PhysAct_16 = 90. VARIABLE LABELS PhysAct_16 "Indicator 1.5 Children who are physically active at least 60 minutes per day, age 6-17 years". VALUE LABELS PhysAct_16 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Everyday" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES PhysAct_16(90,99). FORMATS PhysAct_16(f2.0). EXECUTE. </pre> | |

| | |
|--|--|
| Indicator 1.6 | Concerns about weight |
| Description | Are you concerned about this child's weight? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C6; for children 6-11 years: C6; for children 12-17 years: C7 Variable in public use data file: WGTCONC |
| Denominator | Children age 0-17 years |
| Numerator | Children whose parents have a concern that their children's weight is too high; Children whose parents have a concern that their children's weight is too low; Children whose parents do not have concerns about their children's weight |
| Notes for Data-Users | |
| This measure was derived from a single item. | |
| Revisions in 2016 | |
| This item is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE WGTCONC (SYSMIS=99) (else=copy) into WgtConcn_16. VARIABLE LABELS WgtConcn_16 "Indicator 1.6: Parental concern about their children's weight". VALUE LABELS WgtConcn_16 1 "Yes, concerned it is too high" 2 "Yes, concerned it is too low" 3 "No, not concerned" 99 "Missing". MISSING VALUES WgtConcn_16(99). FORMATS WgtConcn_16(f2.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 1.7 | Low birth weight |
| Description | Was this child born with a low birth weight, that is, he or she weighed less than 2500 grams at birth? |
| Survey Items Used | Survey instrument item number for children 0-5 years: B2; for children 6-11 years: B2; for children 12-17 years: B2 Variable in public use data file: BIRTHWT_L |
| Denominator | Children age 0-17 years |
| Numerator | Children who were born with a low birth weight (2500 grams or less); Children who were not born with a low birth weight |
| Notes for Data-Users | |
| <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.</p> <p>The variable BIRTHWT categorizes children's birth weight into three categories: very low birth weight, low birth weight, and not low birth weight.</p> <p>BIRTHWT_VL and BIRTHWT_L variables are binary variables defining whether the child was born with low or very low birth weight.</p> | |
| Revisions in 2016 | |
| <p>There were changes to the wording of this question. For more information about the question changes, click here. Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE BIRTHWT_L (SYSMIS=99) (else=copy) into LowBWght_16. VARIABLE LABELS LowBWght_16 "Indicator 1.7: Children who had a low birth weight, that is they weighed less than 2500 grams when they were born". VALUE LABELS LowBWght_16 1 "Child was born with low birth weight (<2500g)" 2 "Child had normal birth weight" 99 "Missing". MISSING VALUES LowBWght_16(999). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 1.7a | Low or very low birth weight |
| Description | 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? |
| Survey Items Used | Survey instrument item number for children 0-5 years: B2; for children 6-11 years: B2; for children 12-17 years: B2 Variable in public use data file: BIRTHWT |
| Denominator | Children age 0-17 years |
| Numerator | Children who were born with a very low birth weight (less than 1500 grams); Children who were born with a low birth weight (1500-2500 grams); Children who were not born with a low birth weight |
| Notes for Data-Users | |
| <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.</p> <p>The variable BIRTHWT categorizes children's birth weight into three categories: very low birth weight, low birth weight, and not low birth weight.</p> <p>BIRTHWT_VL and BIRTHWT_L variables are binary variables defining whether the child was born with low or very low birth weight.</p> | |
| Revisions in 2016 | |
| <p>There were changes to the wording of this question. For more information about the changes, click here. Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE BIRTHWT (1=1) (2=2) (3=3) (SYSMIS=99) into VeryLBWght_16. VARIABLE LABELS VeryLBWght_16 "Indicator 1.7a: Children who had a very low birth weight, that is they weighed less than 1500 grams when they were born". VALUE LABELS VeryLBWght_16 1 "Child was born with very low birth weight (<1500g)" 2 "Child was born with low birth weight (1501-2500g)" 3 "Did not have low birth weight" 99 "Missing". MISSING VALUES VeryLBWght_16(99). EXECUTE. </pre> | |

| | |
|--|--|
| Indicator 1.8 | Premature birth |
| Description | Was this child born more than 3 weeks before his or her due date? |
| Survey Items Used | Survey instrument item number for children 0-5 years: B1; for children 6-11 years: B1; for children 12-17 years: B1 Variable in public use data file: K2Q05 |
| Denominator | Children age 0-17 years |
| Numerator | Children who were born premature (more than 3 weeks before their due date); Children who were not born premature |
| Notes for Data-Users | |
| The measure was derived from a single item. | |
| Revisions in 2016 | |
| There were changes to the wording of this question. For more information about the question changes, click here . Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| RECODE K2Q05 (SYSMIS=99) (else=copy) into BornPre_16. VARIABLE LABELS BornPre_16 "Indicator 1.8: Children who were born premature, that is more than 3 weeks before their due date". VALUE LABELS BornPre_16 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES BornPre_16(99). EXECUTE. | |

| | |
|--|--|
| Indicator 1.9 | One or more health conditions |
| Description | Does this child currently have one or more health conditions from a list of 26 (27 for children age 6-17 years) conditions? |
| Survey Items Used | Survey instrument item number for children 0-5 years: A5, A6-A28, A33; for children 6-11 years: A5d,e, A6-A29, A34; for children 12-17 years: A5e,f, A6-A29, A34 |
| Denominator | Children age 0-17 years |
| Numerator | Children who do not have current health conditions; Children with one current health condition; Children with two or more current health conditions |
| Notes for Data-Users | |
| <p>This measure was derived from responses to two questions about each of 27 health conditions: 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 (age 3-17 years), Tourette Syndrome (age 3-17 years), anxiety problems (3-17 years), depression (3-17 years), behavioral and conduct problem (3-17 years), substance abuse 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. For each condition (except hearing and vision problems), respondents were asked whether they have ever been told by a health care professional that the child has the condition, and whether the child currently has the condition. Children were then 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. Further, a response of "Yes" to having "ever been told" that a child has a specific health condition DOES NOT indicate whether the child currently has that particular condition and therefore should not be interpreted as current prevalence.</p> | |
| Revisions in 2016 | |
| <p>There were 18 conditions in the 2011/12 NSCH composite measure, compared to the 27 conditions currently in the 2016 NSCH composite measure. In the 2016 NSCH, allergies (including food, drug, insect or other); blood disorders; cystic fibrosis; Down syndrome; genetic or inherited condition; heart condition; frequent or severe headaches including migraine; substance abuse; and other mental health problems were added. The questions about arthritis were asked as bone or joint problems in the 2011/12 NSCH.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <p>COMPUTE allergies_16 = 999. IF (SYSMIS(ALLERGIES)) or (SYSMIS(ALLERGIES_CURR)) allergies_16 = 99. IF ALLERGIES = 2 allergies_16 = 1. IF ALLERGIES = 1 and ALLERGIES_CURR = 2 allergies_16 = 2. IF ALLERGIES = 1 and ALLERGIES_CURR = 1 allergies_16 = 3.</p> | |


```

VARIABLE LABELS allergies_16 "Children currently have allergies including food, drug, insect, or other".
VALUE LABELS allergies_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing".

COMPUTE arthritis_16 = 999.
IF (SYSMIS(ARTHRITIS)) or (SYSMIS(ARTHRITIS_CURR)) arthritis_16 = 99.
IF ARTHRITIS = 2 arthritis_16 = 1.
IF ARTHRITIS = 1 and ARTHRITIS_CURR = 2 arthritis_16 = 2.
IF ARTHRITIS = 1 and ARTHRITIS_CURR = 1 arthritis_16 = 3.
VARIABLE LABELS arthritis_16 "Children currently have arthritis".
VALUE LABELS arthritis_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing".

COMPUTE asthma_16 = 99.
IF (SYSMIS(K2Q40A)) or (SYSMIS(K2Q40B)) asthma_16 = 99.
IF K2Q40A = 2 asthma_16 = 1.
IF K2Q40A = 1 and K2Q40B = 2 asthma_16 = 2.
IF K2Q40A = 1 and K2Q40B = 1 asthma_16 = 3.
VARIABLE LABELS asthma_16 "Children currently have asthma".
VALUE LABELS asthma_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing".

COMPUTE blood_16 = 999.
IF (SYSMIS(BLOOD)) or (SYSMIS(BLOOD_CURR)) blood_16 = 99.
IF BLOOD = 2 blood_16 = 1.
IF BLOOD = 1 and BLOOD_CURR = 2 blood_16 = 2.
IF BLOOD = 1 and BLOOD_CURR = 1 blood_16 = 3.
VARIABLE LABELS blood_16 "Children currently have blood disorders such as sickle cell disease,
thalassemia, or hemophilia".
VALUE LABELS blood_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing".

COMPUTE BrainInj_16 = 999.
IF (SYSMIS(K2Q46A)) or (SYSMIS(K2Q46B)) BrainInj_16 = 99.
IF K2Q46A = 2 BrainInj_16 = 1.
IF K2Q46A = 1 and K2Q46B = 2 BrainInj_16 = 2.
IF K2Q46A = 1 and K2Q46B = 1 BrainInj_16 = 3.
VARIABLE LABELS BrainInj_16 "Children currently have a brain injury or concussion".
VALUE LABELS BrainInj_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"

```

3 "Currently have condition"

99 "Missing".

COMPUTE palsy_16 = 999.

IF (SYSMIS(K2Q61A)) or (SYSMIS(K2Q61B)) palsy_16 = 99.

IF K2Q61A = 2 palsy_16 = 1.

IF K2Q61A = 1 and K2Q61B = 2 palsy_16 = 2.

IF K2Q61A = 1 and K2Q61B = 1 palsy_16 = 3.

VARIABLE LABELS palsy_16 "Children currently have cerebral palsy".

VALUE LABELS palsy_16

1 "Do not have condition"

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

3 "Currently have condition"

99 "Missing".

COMPUTE CystFib_16 = 999.

IF (SYSMIS(CYSTFIB)) or (SYSMIS(CYSTFIB_CURR)) CystFib_16 = 99.

IF CYSTFIB = 2 CystFib_16 = 1.

IF CYSTFIB = 1 and CYSTFIB_CURR = 2 CystFib_16 = 2.

IF CYSTFIB = 1 and CYSTFIB_CURR = 1 CystFib_16 = 3.

VARIABLE LABELS CystFib_16 "Children currently have cystic fibrosis".

VALUE LABELS CystFib_16

1 "Do not have condition"

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

3 "Currently have condition"

99 "Missing".

COMPUTE diabetes_16 = 999.

IF (SYSMIS(K2Q41A)) or (SYSMIS(K2Q41B)) diabetes_16 = 99.

IF K2Q41A = 2 diabetes_16 = 1.

IF K2Q41A = 1 and K2Q41B = 2 diabetes_16 = 2.

IF K2Q41A = 1 and K2Q41B = 1 diabetes_16 = 3.

VARIABLE LABELS diabetes_16 "Children currently have diabetes".

VALUE LABELS diabetes_16

1 "Do not have condition"

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

3 "Currently have condition"

99 "Missing".

COMPUTE DownSynd_16 = 999.

IF (SYSMIS(DOWNSYN)) or (SYSMIS(DOWNSYN_CURR)) DownSynd_16 = 99.

IF DOWNSYN = 2 DownSynd_16 = 1.

IF DOWNSYN = 1 and DOWNSYN_CURR = 2 DownSynd_16 = 2.

IF DOWNSYN = 1 and DOWNSYN_CURR = 1 DownSynd_16 = 3.

VARIABLE LABELS DownSynd_16 "Children currently have Down Syndrome".

VALUE LABELS DownSynd_16

1 "Do not have condition"

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

3 "Currently have condition"

99 "Missing".

COMPUTE seizure_16 = 999.

IF (SYSMIS(K2Q42A)) or (SYSMIS(K2Q42B)) seizure_16 = 99.

```

IF K2Q42A = 2 seizure_16 = 1.
IF K2Q42A = 1 and K2Q42B = 2 seizure_16 = 2.
IF K2Q42A = 1 and K2Q42B = 1 seizure_16 = 3.
VARIABLE LABELS seizure_16 "Children currently have epilepsy or seizure disorder".
VALUE LABELS seizure_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing".

COMPUTE genetic_16 = 999.
IF (SYSMIS(GENETIC)) or (SYSMIS(GENETIC_CURR)) genetic_16 = 99.
IF GENETIC = 2 genetic_16 = 1.
IF GENETIC = 1 and GENETIC_CURR = 2 genetic_16 = 2.
IF GENETIC = 1 and GENETIC_CURR = 1 genetic_16 = 3.
VARIABLE LABELS genetic_16 "Children currently have a genetic or inherited condition".
VALUE LABELS genetic_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing".

COMPUTE heart_16 = 999.
IF (SYSMIS(HEART)) or (SYSMIS(HEART_CURR)) heart_16 = 99.
IF HEART = 2 heart_16 = 1.
IF HEART = 1 and HEART_CURR = 2 heart_16 = 2.
IF HEART = 1 and HEART_CURR = 1 heart_16 = 3.
VARIABLE LABELS heart_16 "Children currently have a heart condition".
VALUE LABELS heart_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing".

COMPUTE headache_16 = 999.
IF (SYSMIS(HEADACHE)) or (SYSMIS(HEADACHE_CURR)) headache_16 = 99.
IF HEADACHE = 2 headache_16 = 1.
IF HEADACHE = 1 and HEADACHE_CURR = 2 headache_16 = 2.
IF HEADACHE = 1 and HEADACHE_CURR = 1 headache_16 = 3.
IF SC_AGE_YEARS < 3 headache_16 = 95.
VARIABLE LABELS headache_16 "Children currently have frequent severe headache, including migraine,
age 3-17 years".
VALUE LABELS headache_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing"
95 "Children age 0-2 years".

COMPUTE tourette_16 = 999.
IF (SYSMIS(K2Q38A)) or (SYSMIS(K2Q38B)) tourette_16 = 99.
IF K2Q38A = 2 tourette_16 = 1.
IF K2Q38A = 1 and K2Q38B = 2 tourette_16 = 2.

```

```

IF K2Q38A = 1 and K2Q38B = 1 tourette_16 = 3.
IF SC_AGE_YEARS < 3 tourette_16 = 95.
VARIABLE LABELS tourette_16 "Children currently have Tourette Syndrome, age 3-17 years".
VALUE LABELS tourette_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing"
95 "Children age 0-2 years".

COMPUTE anxiety_16 = 999.
IF (SYSMIS(K2Q33A)) or (SYSMIS(K2Q33B)) anxiety_16 = 99.
IF K2Q33A = 2 anxiety_16 = 1.
IF K2Q33A = 1 and K2Q33B = 2 anxiety_16 = 2.
IF K2Q33A = 1 and K2Q33B = 1 anxiety_16 = 3.
IF SC_AGE_YEARS < 3 anxiety_16 = 95.
VARIABLE LABELS anxiety_16 "Children currently have anxiety problems, age 3-17 years".
VALUE LABELS anxiety_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing"
95 "Children age 0-2 years".

COMPUTE depress_16 = 999.
IF (SYSMIS(K2Q32A)) or (SYSMIS(K2Q32B)) depress_16 = 99.
IF K2Q32A = 2 depress_16 = 1.
IF K2Q32A = 1 and K2Q32B = 2 depress_16 = 2.
IF K2Q32A = 1 and K2Q32B = 1 depress_16 = 3.
IF SC_AGE_YEARS < 3 depress_16 = 95.
VARIABLE LABELS depress_16 "Children currently have depression, age 3-17 years".
VALUE LABELS depress_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing"
95 "Children age 0-2 years".

COMPUTE behavior_16 = 999.
IF (SYSMIS(K2Q34A)) or (SYSMIS(K2Q34B)) behavior_16 = 99.
IF K2Q34A = 2 behavior_16 = 1.
IF K2Q34A = 1 and K2Q34B = 2 behavior_16 = 2.
IF K2Q34A = 1 and K2Q34B = 1 behavior_16 = 3.
IF SC_AGE_YEARS < 3 behavior_16 = 95.
VARIABLE LABELS behavior_16 "Children currently have behavioral or conduct problems, age 3-17 years".
VALUE LABELS behavior_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing"
95 "Children age 0-2 years".

```

```

COMPUTE SubAbuse_16 = 999.
IF (SYSMIS(SUBABUSE)) or (SYSMIS(SUBABUSE_CURR)) SubAbuse_16 = 99.
IF SUBABUSE = 2 SubAbuse_16 = 1.
IF SUBABUSE = 1 and SUBABUSE_CURR = 2 SubAbuse_16 = 2.
IF SUBABUSE = 1 and SUBABUSE_CURR = 1 SubAbuse_16 = 3.
IF SC_AGE_YEARS < 6 SubAbuse_16 = 95.
VARIABLE LABELS SubAbuse_16 "Children currently have substance abuse disorder, age 6-17 years".
VALUE LABELS SubAbuse_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing"
95 "Children age 0-5 years".

COMPUTE DevDelay_16 = 999.
IF (SYSMIS(K2Q36A)) or (SYSMIS(K2Q36B)) DevDelay_16 = 99.
IF K2Q36A = 2 DevDelay_16 = 1.
IF K2Q36A = 1 and K2Q36B = 2 DevDelay_16 = 2.
IF K2Q36A = 1 and K2Q36B = 1 DevDelay_16 = 3.
IF SC_AGE_YEARS < 3 DevDelay_16 = 95.
VARIABLE LABELS DevDelay_16 "Children currently have any developmental delay, age 3-17 years".
VALUE LABELS DevDelay_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing"
95 "Children age 0-2 years".

COMPUTE IntDisab_16 = 999.
IF (SYSMIS(K2Q60A)) or (SYSMIS(K2Q60B)) IntDisab_16 = 99.
IF K2Q60A = 2 IntDisab_16 = 1.
IF K2Q60A = 1 and K2Q60B = 2 IntDisab_16 = 2.
IF K2Q60A = 1 and K2Q60B = 1 IntDisab_16 = 3.
IF SC_AGE_YEARS < 3 IntDisab_16 = 95.
VARIABLE LABELS IntDisab_16 "Children currently have intellectual disability or mental retardation, age 3-17 years".
VALUE LABELS intdisab_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing"
95 "Children age 0-2 years".

COMPUTE speech_16 = 999.
IF (SYSMIS(K2Q37A)) or (SYSMIS(K2Q37B)) speech_16 = 99.
IF K2Q37A = 2 speech_16 = 1.
IF K2Q37A = 1 and K2Q37B = 2 speech_16 = 2.
IF K2Q37A = 1 and K2Q37B = 1 speech_16 = 3.
IF SC_AGE_YEARS < 3 speech_16 = 95.
VARIABLE LABELS speech_16 "Children currently have any stuttering, stammering, or other speech problems, age 3-17 years".
VALUE LABELS speech_16
1 "Do not have condition"

```

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

COMPUTE learning_16 = 999.
 IF (SYSMIS(K2Q30A)) or (SYSMIS(K2Q30B)) learning_16 = 99.
 IF K2Q30A = 2 learning_16 = 1.
 IF K2Q30A = 1 and K2Q30B = 2 learning_16 = 2.
 IF K2Q30A = 1 and K2Q30B = 1 learning_16 = 3.
 IF SC_AGE_YEARS < 3 learning_16 = 95.
 VARIABLE LABELS learning_16 "Children currently have a learning disability, age 3-17 years".
 VALUE LABELS learning_16
 1 "Do not have condition"
 2 "Ever told, but do not currently have condition"
 3 "Currently have condition"
 99 "Missing"
 95 "Children age 0-2 years".

COMPUTE OthrMent_16 = 999.
 IF (SYSMIS(ANYOTHER)) or (SYSMIS(ANYOTHER_CURR)) OthrMent_16 = 99.
 IF ANYOTHER = 2 OthrMent_16 = 1.
 IF ANYOTHER = 1 and ANYOTHER_CURR = 2 OthrMent_16 = 2.
 IF ANYOTHER = 1 and ANYOTHER_CURR = 1 OthrMent_16 = 3.
 IF SC_AGE_YEARS < 3 OthrMent_16 = 95.
 VARIABLE LABELS OthrMent_16 "Children currently have any other mental health condition, age 3-17 years".
 VALUE LABELS OthrMent_16
 1 "Do not have condition"
 2 "Ever told, but do not currently have condition"
 3 "Currently have condition"
 99 "Missing"
 95 "Children age 0-2 years".

COMPUTE autism_16 = 999.
 IF (SYSMIS(K2Q35A)) or (SYSMIS(K2Q35B)) autism_16 = 99.
 IF K2Q35A = 2 autism_16 = 1.
 IF K2Q35A = 1 and K2Q35B = 2 autism_16 = 2.
 IF K2Q35A = 1 and K2Q35B = 1 autism_16 = 3.
 IF SC_AGE_YEARS < 3 autism_16 = 95.
 VARIABLE LABELS autism_16 "Children currently have autism, Asperger's Disorder, pervasive developmental disorder, or other autism spectrum disorder, age 3-17 years".
 VALUE LABELS autism_16
 1 "Do not have condition"
 2 "Ever told, but do not currently have condition"
 3 "Currently have condition"
 99 "Missing"
 95 "Children age 0-2 years".

COMPUTE ADHD_16 = 999.
 IF (SYSMIS(K2Q31A)) or (SYSMIS(K2Q31B)) ADHD_16 = 99.
 IF K2Q31A = 2 ADHD_16 = 1.
 IF K2Q31A = 1 and K2Q31B = 2 ADHD_16 = 2.

```

IF K2Q31A = 1 and K2Q31B = 1 ADHD_16 = 3.
IF SC_AGE_YEARS < 3 ADHD_16 = 95.
VARIABLE LABELS ADHD_16 "Children currently have ADD or ADHD, age 3-17 years".
VALUE LABELS ADHD_16
1 "Do not have condition"
2 "Ever told, but do not currently have condition"
3 "Currently have condition"
99 "Missing"
95 "Children age 0-2 years".

RECODE K2Q43B
(SYSMIS=99) (else=copy) into hearing_16.
VARIABLE LABELS hearing_16 "Children who have deafness or problems with hearing".
VALUE LABELS hearing_16
1 "Yes"
2 "No"
99 "Missing".
MISSING VALUES hearing_16(99).

RECODE BLINDNESS
(SYSMIS=99) (else=copy) into vision_16.
VARIABLE LABELS vision_16 "Children who have blindness or problems with seeing, even when wearing
glasses".
VALUE LABELS vision_16
1 "Yes"
2 "No"
99 "Missing".
MISSING VALUES vision_16(99).

MISSING VALUES allergies_16 arthritis_16 asthma_16 blood_16 BrainInj_16 palsy_16 CystFib_16
diabetes_16 DownSynd_16 seizure_16 genetic_16 heart_16 headache_16 tourette_16 anxiety_16
depress_16 behavior_16 DevDelay_16 intdisab_16 speech_16 learning_16 OthrMent_16 autism_16
ADHD_16 subabuse_16 hearing_16 vision_16(.).

**All 27 conditions including vision and hearing problem, substance abuse for children 6-17 years

COUNT CondCnt27_16 = allergies_16 arthritis_16 asthma_16 blood_16 BrainInj_16 palsy_16 CystFib_16
diabetes_16 DownSynd_16 seizure_16 genetic_16 heart_16 headache_16 tourette_16 anxiety_16
depress_16 behavior_16 DevDelay_16 intdisab_16 speech_16 learning_16 OthrMent_16 autism_16
ADHD_16 subabuse_16(3).
IF hearing_16 = 1 CondCnt27_16 = CondCnt27_16 + 1.
IF vision_16 = 1 CondCnt27_16 = CondCnt27_16 + 1.
IF allergies_16=99 and arthritis_16=99 and asthma_16=99 and blood_16=99 and BrainInj_16=99 and
palsy_16=99 and CystFib_16=99 and diabetes_16=99 and DownSynd_16=99 and seizure_16=99 and
genetic_16=99 and heart_16=99 and headache_16=99 and tourette_16>=95 and anxiety_16>=95 and
depress_16>=95 and behavior_16>=95 and DevDelay_16>=95 and intdisab_16>=95 and speech_16>=95
and learning_16>=95 and OthrMent_16=99 and autism_16>=95 and ADHD_16>=95 and
hearing_16=99 and vision_16=99 and subabuse_16=99 CondCnt27_16=99.
VARIABLE LABELS CondCnt27_16 "Number of CURRENT health conditions reported from a list of 27".

COMPUTE Cond2more27_16 = 999.
IF CondCnt27_16 = 0 Cond2more27_16 = 1.
IF CondCnt27_16 = 1 Cond2more27_16 = 2.

```

```
IF CondCnt27_16 >= 2 Cond2more27_16 = 3.  
IF CondCnt27_16=99 Cond2more27_16 = 99.  
VARIABLE LABELS Cond2more27_16 "Indicator 1.9: Children with one or more current health conditions  
out of 27 conditions".  
VALUE LABELS Cond2more27_16  
1 "Do not have any current health conditions"  
2 "Currently have 1 health condition"  
3 "Currently have 2 or more health conditions"  
99 "Missing to all".  
MISSING VALUES Cond2more27_16(99).  
EXECUTE.
```


| | |
|--|---|
| Indicator 1.9a | Severity of current condition |
| Description | How severe are this child's conditions, if the child currently has conditions, from a list of 24 conditions? -- list of 24 conditions |
| Survey Items Used | Survey instrument item number for children 0-5 years: A6-A28, A33; for children 6-11 years: A6-A29, A34; for children 12-17 years: A6-A29, A34 |
| Denominator | Children age 0-17 years |
| Numerator | Children who do not currently have condition; Children whose current conditions rated as mild; Children whose current conditions rated as moderate or severe" |
| Notes for Data-Users | |
| <p>The variables for each conditions were derived from responses to three questions about each of 24 health conditions: 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, 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 abuse 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), and Attention Deficit Disorder or Attention-Deficit/Hyperactivity Disorder (ADD or ADHD) (3-17 years). For each condition, respondents were asked whether they have ever been told by a health care professional that the child has the condition, whether the child currently has the condition, and whether the current condition is mild, moderate or severe. Severity of cystic fibrosis is not released in the public use file due to small sample size.</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> | |
| Revisions in 2016 | |
| <p>In the 2016 NSCH, allergies (including food, drug, insect or other); blood disorders; cystic fibrosis; Down syndrome; genetic or inherited condition; heart condition; frequent or severe headaches including migraine; substance abuse; and other mental health problems were added. The questions about arthritis were asked as bone or joint problems in the 2011/12 NSCH.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SAS Syntax and Annotation | |
| <p>MISSING VALUES allergies_16 arthritis_16 asthma_16 blood_16 BrainInj_16 palsy_16 CystFib_16 diabetes_16 DownSynd_16 seizure_16 genetic_16 heart_16 headache_16 tourette_16 anxiety_16 depress_16 behavior_16 devdelay_16 intdisab_16 speech_16 learning_16 OthrMent_16 autism_16 ADHD_16().</p> <p>COMPUTE AllerSev_16 =999. IF ALLERGIES_DESC = 1 AllerSev_16 = 2. IF ALLERGIES_DESC=2 or ALLERGIES_DESC=3 AllerSev_16 = 3. IF SYSMIS(ALLERGIES_DESC) AllerSev_16 = 99.</p> | |

```

IF allergies_16 = 1 or allergies_16 = 2 AllerSev_16 = 1.
IF allergies_16 = 99 AllerSev_16 = 99.
VARIABLE LABELS AllerSev_16 "Parent-rated severity of current allergies including food, drug, insect, or
other".
VALUE LABELS AllerSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES AllerSev_16(99).

COMPUTE ArthrSev_16 = 999.
IF ARTHRITIS_DESC = 1 ArthrSev_16 = 2.
IF ARTHRITIS_DESC =2 or ARTHRITIS_DESC=3 ArthrSev_16 = 3.
IF (SYSMIS(ARTHRITIS_DESC)) ArthrSev_16 = 99.
IF arthritis_16 = 1 or arthritis_16 = 2 ArthrSev_16 = 1.
IF arthritis_16 = 99 ArthrSev_16 = 99.
VARIABLE LABELS ArthrSev_16 "Parent-rated severity of current arthritis".
VALUE LABELS ArthrSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES ArthrSev_16(99).

COMPUTE AsthmSev_16 = 999.
IF K2Q40C = 1 AsthmSev_16 = 2.
IF K2Q40C =2 or K2Q40C=3 AsthmSev_16 = 3.
IF (SYSMIS(K2Q40C)) AsthmSev_16 = 99.
IF asthma_16 = 1 or asthma_16 = 2 AsthmSev_16 = 1.
IF asthma_16 = 99 AsthmSev_16 = 99.
VARIABLE LABELS AsthmSev_16 "Parent-rated severity of current asthma".
VALUE LABELS AsthmSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES AsthmSev_16(99).

COMPUTE BloodSev_16 = 999.
IF BLOOD_DESC = 1 BloodSev_16 = 2.
IF BLOOD_DESC =2 or BLOOD_DESC=3 BloodSev_16 = 3.
IF (SYSMIS(BLOOD_DESC)) BloodSev_16 = 99.
IF blood_16 = 1 or blood_16 = 2 BloodSev_16 = 1.
IF blood_16 = 99 BloodSev_16 = 99.
VARIABLE LABELS BloodSev_16 "Parent-rated severity of current blood disorders (such as sickle cell
disease, thalassemia, or hemophilia)".
VALUE LABELS BloodSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES BloodSev_16(99).

COMPUTE BrainSev_16 = 999.
IF K2Q46C = 1 BrainSev_16 = 2.
IF K2Q46C =2 or K2Q46C=3 BrainSev_16 = 3.
IF (SYSMIS(K2Q46C)) BrainSev_16 = 99.

```

```

IF BrainInj_16 = 1 or BrainInj_16 = 2 BrainSev_16 = 1.
IF BrainInj_16 = 99 BrainSev_16 = 99.
VARIABLE LABELS BrainSev_16 "Parent-rated severity of current brain injury, concussion, or head injury".
VALUE LABELS BrainSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES BrainSev_16(99).

COMPUTE PalsySev_16 = 999.
IF CERPALS_DESC = 1 PalsySev_16 = 2.
IF CERPALS_DESC = 2 or CERPALS_DESC=3 PalsySev_16 = 3.
IF (SYSMIS(CERPALS_DESC)) PalsySev_16 = 99.
IF palsy_16 = 1 or palsy_16 = 2 PalsySev_16 = 1.
IF palsy_16 = 99 PalsySev_16 = 99.
VARIABLE LABELS PalsySev_16 "Parent-rated severity of current cerebral palsy".
VALUE LABELS PalsySev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES PalsySev_16(99).

COMPUTE DiabetSev_16 = 999.
IF K2Q41C = 1 DiabetSev_16 = 2.
IF K2Q41C=2 or K2Q41C=3 DiabetSev_16 = 3.
IF (SYSMIS(K2Q41C)) DiabetSev_16 = 99.
IF diabetes_16 = 1 or diabetes_16 = 2 DiabetSev_16 = 1.
IF diabetes_16 = 99 DiabetSev_16 = 99.
VARIABLE LABELS DiabetSev_16 "Parent-rated severity of current diabetes".
VALUE LABELS DiabetSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES DiabetSev_16(99).

COMPUTE DownSSev_16 = 999.
IF DOWNSYN_DESC = 1 DownSSev_16 = 2.
IF DOWNSYN_DESC = 4 DownSSev_16 = 3.
IF (SYSMIS(DOWNSYN_DESC)) DownSSev_16 = 99.
IF DownSynd_16= 1 or DownSynd_16 = 2 DownSSev_16 = 1.
IF DownSynd_16 =99 DownSSev_16 = 99.
VARIABLE LABELS DownSSev_16 "Parent-rated severity of current Down Syndrome".
VALUE LABELS DownSSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES DownSSev_16(99).

COMPUTE SeizSev_16 = 999.
IF K2Q42C = 1 SeizSev_16 = 2.
IF K2Q42C =2 or K2Q42C=3 SeizSev_16 = 3.
IF (SYSMIS(K2Q42C)) SeizSev_16 = 99.
IF seizure_16= 1 or seizure_16 = 2 SeizSev_16 = 1.
IF seizure_16 =99 SeizSev_16 = 99.

```

```

VARIABLE LABELS SeizSev_16 "Parent-rated severity of current epilepsy or seizure disorder".
VALUE LABELS SeizSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES SeizSev_16(99).

COMPUTE GenetSev_16 = 999.
IF GENETIC_DESC = 1 GenetSev_16 = 2.
IF GENETIC_DESC =2 or GENETIC_DESC=3 GenetSev_16 = 3.
IF (SYSMIS(GENETIC_DESC)) GenetSev_16 = 99.
IF genetic_16= 1 or genetic_16 = 2 GenetSev_16 = 1.
IF genetic_16 =99 GenetSev_16 = 99.
VARIABLE LABELS GenetSev_16 "Parent-rated severity of current genetic or inherited condition".
VALUE LABELS GenetSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES GenetSev_16(99).

COMPUTE HeartSev_16 = 999.
IF HEART_DESC = 1 HeartSev_16 = 2.
IF HEART_DESC = 2 or HEART_DESC =3 HeartSev_16 = 3.
IF (SYSMIS(HEART_DESC)) HeartSev_16 = 99.
IF heart_16= 1 or heart_16 = 2 HeartSev_16 = 1.
IF heart_16 =99 HeartSev_16 = 99.
VARIABLE LABELS HeartSev_16 "Parent-rated severity of current heart condition".
VALUE LABELS HeartSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES HeartSev_16(99).

COMPUTE HeadSev_16 = 999.
IF HEADACHE_DESC = 1 HeadSev_16 = 2.
IF HEADACHE_DESC = 2 or HEADACHE_DESC =3 HeadSev_16 = 3.
IF (SYSMIS(HEADACHE_DESC)) HeadSev_16 = 99.
IF headache_16= 1 or headache_16 = 2 HeadSev_16 = 1.
IF headache_16 =99 HeadSev_16 = 99.
IF SC_AGE_YEARS < 3 HeadSev_16 = 95.
VARIABLE LABELS HeadSev_16 "Parent-rated severity of current frequent or severe headaches including
migraine, age 3-17 years".
VALUE LABELS HeadSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing"
95 "Children age 0-2 years".
MISSING VALUES HeadSev_16(95,99).

COMPUTE TouretSev_16 = 999.
IF K2Q38C = 1 TouretSev_16 = 2.
IF K2Q38C = 4 TouretSev_16 = 3.
IF (SYSMIS(K2Q38C)) TouretSev_16 = 99.
IF tourette_16= 1 or tourette_16 = 2 TouretSev_16 = 1.

```

```

IF tourette_16 = 99 TouretSev_16 = 99.
IF SC_AGE_YEARS < 3 TouretSev_16 = 95.
VARIABLE LABELS TouretSev_16 "Parent-rated severity of current Tourette Syndrome, age 3-17 years".
VALUE LABELS TouretSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing"
95 "Children age 0-2 years".
MISSING VALUES TouretSev_16(95,99).

```

```

COMPUTE AnxietSev_16 = 999.
IF K2Q33C = 1 AnxietSev_16 = 2.
IF K2Q33C = 2 or K2Q33C = 3 AnxietSev_16 = 3.
IF (SYSMIS(K2Q33C)) AnxietSev_16 = 99.
IF anxiety_16 = 1 or anxiety_16 = 2 AnxietSev_16 = 1.
IF anxiety_16 = 99 AnxietSev_16 = 99.
IF SC_AGE_YEARS < 3 AnxietSev_16 = 95.
VARIABLE LABELS AnxietSev_16 "Parent-rated severity of current anxiety, age 3-17 years".
VALUE LABELS AnxietSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing"
95 "Children age 0-2 years".
MISSING VALUES AnxietSev_16(95,99).

```

```

COMPUTE DepresSev_16 = 999.
IF K2Q32C = 1 DepresSev_16 = 2.
IF K2Q32C = 2 or K2Q32C = 3 DepresSev_16 = 3.
IF (SYSMIS(K2Q32C)) DepresSev_16 = 99.
IF depress_16 = 1 or depress_16 = 2 DepresSev_16 = 1.
IF depress_16 = 99 DepresSev_16 = 99.
IF SC_AGE_YEARS < 3 DepresSev_16 = 95.
VARIABLE LABELS DepresSev_16 "Parent-rated severity of current depression, age 3-17 years".
VALUE LABELS DepresSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing"
95 "Children age 0-2 years".
MISSING VALUES DepresSev_16(95,99).

```

```

COMPUTE BehavSev_16 = 999.
IF K2Q34C = 1 BehavSev_16 = 2.
IF K2Q34C = 2 or K2Q34C = 3 BehavSev_16 = 3.
IF (SYSMIS(K2Q34C)) BehavSev_16 = 99.
IF behavior_16 = 1 or behavior_16 = 2 BehavSev_16 = 1.
IF behavior_16 = 99 BehavSev_16 = 99.
IF SC_AGE_YEARS < 3 BehavSev_16 = 95.
VARIABLE LABELS BehavSev_16 "Parent-rated severity of current behavioral or conduct problems, age 3-17 years".
VALUE LABELS BehavSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing"
95 "Children age 0-2 years".

```

MISSING VALUES BehavSev_16(95,99).

COMPUTE SubAbSev_16 = 999.

IF SUBABUSE_DESC = 1 SubAbSev_16 = 2.

IF SUBABUSE_DESC = 2 or SUBABUSE_DESC = 3 SubAbSev_16 = 3.

IF (SYSMIS(SUBABUSE_DESC)) SubAbSev_16 = 99.

IF subabuse_16 = 1 or subabuse_16 = 2 SubAbSev_16 = 1.

IF subabuse_16 = 99 SubAbSev_16 = 99.

IF SC_AGE_YEARS < 6 SubAbSev_16 = 95.

VARIABLE LABELS SubAbSev_16 "Parent-rated severity of current substance abuse disorder, age 6-17 years".

VALUE LABELS SubAbSev_16

1 "Does not currently have condition"

2 "Current condition, rated mild"

3 "Current condition, rated moderate/severe"

99 "Missing"

95 "Children age 0-5 years".

MISSING VALUES SubAbSev_16(95,99).

COMPUTE DevDelSev_16 = 999.

IF K2Q36C = 1 DevDelSev_16 = 2.

IF K2Q36C = 2 or K2Q36C = 3 DevDelSev_16 = 3.

IF (SYSMIS(K2Q36C)) DevDelSev_16 = 99.

IF devdelay_16 = 1 or devdelay_16 = 2 DevDelSev_16 = 1.

IF devdelay_16 = 99 DevDelSev_16 = 99.

IF SC_AGE_YEARS < 3 DevDelSev_16 = 95.

VARIABLE LABELS DevDelSev_16 "Parent-rated severity of child's developmental delay, age 3-17 years".

VALUE LABELS DevDelSev_16

1 "Does not currently have condition"

2 "Current condition, rated mild"

3 "Current condition, rated moderate/severe"

99 "Missing"

95 "Children age 0-2 years".

MISSING VALUES DevDelSev_16(95,99).

COMPUTE IntDisSev_16 = 999.

IF K2Q60C = 1 IntDisSev_16 = 2.

IF K2Q60C = 2 or K2Q60C = 3 IntDisSev_16 = 3.

IF (SYSMIS(K2Q60C)) IntDisSev_16 = 99.

IF intdisab_16 = 1 or intdisab_16 = 2 IntDisSev_16 = 1.

IF intdisab_16 = 99 IntDisSev_16 = 99.

IF SC_AGE_YEARS < 3 IntDisSev_16 = 95.

VARIABLE LABELS IntDisSev_16 "Parent-rated severity of current intellectual disability or mental retardation, age 3-17 year".

VALUE LABELS IntDisSev_16

1 "Does not currently have condition"

2 "Current condition, rated mild"

3 "Current condition, rated moderate/severe"

99 "Missing"

95 "Children age 0-2 years".

MISSING VALUES IntDisSev_16(95,99).

COMPUTE SpeechSev_16 = 999.

IF K2Q37C = 1 SpeechSev_16 = 2.

IF K2Q37C = 2 or K2Q37C = 3 SpeechSev_16 = 3.

IF (SYSMIS(K2Q37C)) SpeechSev_16 = 99.

IF speech_16 = 1 or speech_16 = 2 SpeechSev_16 = 1.

IF speech_16 = 99 SpeechSev_16 = 99.

```

IF SC_AGE_YEARS < 3 SpeechSev_16 = 95.
VARIABLE LABELS SpeechSev_16 "Parent-rated severity of current speech or other language disorder,
age 3-17 years".
VALUE LABELS SpeechSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing"
95 "Children age 0-2 years".
MISSING VALUES SpeechSev_16(95,99).

COMPUTE LearnSev_16 = 999.
IF K2Q30C = 1 LearnSev_16 = 2.
IF K2Q30C = 2 or K2Q30C = 3 LearnSev_16 = 3.
IF (SYSMIS(K2Q30C)) LearnSev_16 = 99.
IF learning_16 = 1 or learning_16 = 2 LearnSev_16 = 1.
IF learning_16 = 99 LearnSev_16 = 99.
IF SC_AGE_YEARS < 3 LearnSev_16 = 95.
VARIABLE LABELS LearnSev_16 "Parent-rated severity of current learning disability, age 3-17 years".
VALUE LABELS LearnSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing"
95 "Children age 0-2 years".
MISSING VALUES LearnSev_16(95,99).

COMPUTE OthMHSev_16 = 999.
IF ANYOTHER_DESC = 1 OthMHSev_16 = 2.
IF ANYOTHER_DESC = 2 or ANYOTHER_DESC = 3 OthMHSev_16 = 3.
IF (SYSMIS(ANYOTHER_DESC)) OthMHSev_16 = 99.
IF OthrMent_16 = 1 or OthrMent_16 = 2 OthMHSev_16 = 1.
IF OthrMent_16 = 99 OthMHSev_16 = 99.
IF SC_AGE_YEARS < 3 OthMHSev_16 = 95.
VARIABLE LABELS OthMHSev_16 "Parent-rated severity of current other mental health condition, age 3-17
years".
VALUE LABELS OthMHSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing"
95 "Children age 0-2 years".
MISSING VALUES OthMHSev_16(95,99).

COMPUTE AutismSev_16 = 999.
IF K2Q35C = 1 AutismSev_16 = 2.
IF K2Q35C = 2 or K2Q35C = 3 AutismSev_16 = 3.
IF (SYSMIS(K2Q35C)) AutismSev_16 = 99.
IF autism_16 = 1 or autism_16 = 2 AutismSev_16 = 1.
IF autism_16 = 99 AutismSev_16 = 99.
IF SC_AGE_YEARS < 3 AutismSev_16 = 95.
VARIABLE LABELS AutismSev_16 "Parent-rated severity of current autism, age 3-17 years".
VALUE LABELS AutismSev_16
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing"
95 "Children age 0-2 years".

```


MISSING VALUES AutismSev_16(95,99).

COMPUTE ADHDSev_16 = 999.

IF K2Q31C = 1 ADHDSev_16 = 2.

IF K2Q31C = 2 or K2Q31C = 3 ADHDSev_16 = 3.

IF (SYSMIS(K2Q31C)) ADHDSev_16 = 99.

IF ADHD_16 = 1 or ADHD_16 = 2 ADHDSev_16 = 1.

IF ADHD_16 = 99 ADHDSev_16 = 99.

IF SC_AGE_YEARS < 3 ADHDSev_16 = 95.

VARIABLE LABELS ADHDSev_16 "Parent-rated severity of current ADD/ADHD, age 3-17 years".

VALUE LABELS ADHDSev_16

1 "Does not currently have condition"

2 "Current condition, rated mild"

3 "Current condition, rated moderate/severe"

99 "Missing"

95 "Children age 0-2 years".

MISSING VALUES ADHDSev_16(95,99).

| | |
|--|---|
| Indicator 1.10 | One or more functional difficulties |
| Description | Does this child have one or more functional difficulties from a list of 12 difficulties? |
| Survey Items Used | Survey instrument item number for children 0-5 years: A4a-f,A5a,A5b; for children 6-11 years: A4a-d,A5a-e; for children 12-17 years: A4a-d, A5a-f Variables in public use data file: BREATHING; SWALLOWING; STOMACH; PHYSICALPAIN; HANDS; COORDINATION; MEMORYCOND; WALKSTAIRS; DRESSING; ERRANDALONE; K2Q43B; BLINDNESS |
| Denominator | Children age 0-17 years |
| Numerator | Children who do not have any difficulties; Children with one functional difficulty; Children with two or more functional difficulties |
| Notes for Data-Users | |
| <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:</p> <p>(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)</p> <p>(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> | |
| Revisions in 2016 | |
| <p>Functional difficulty items were asked in the 2009/10 National Survey of Children with Special Health Care Needs. However, several new items were included in 2016 NSCH, including serious difficulty concentrating, remembering, or making decisions and difficulty doing errands alone(such as visiting a doctor's office or shopping). The wording of the questions which ask about difficulty with walking or climbing stairs and difficulty with dressing or bathing were substantively changed. For more information about the changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre>RECODE BREATHING (SYSMIS=99) (else=copy) into DiffBreath_16. VARIABLE LABELS DiffBreath_16 "Children who have experienced breathing or other respiratory problems (such as wheezing or shortness of breath) in the past 12 months". VALUE LABELS DiffBreath_16 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES DiffBreath_16(99). FORMATS DiffBreath_16(f4.0).</pre> | |

EXECUTE.

RECODE SWALLOWING

(SYSMIS=99) (else=copy) into DiffSwall_16.

VARIABLE LABELS DiffSwall_16 "Children who have had difficulty with eating or swallowing in the past 12 months".

VALUE LABELS DiffSwall_16

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES DiffSwall_16(99).

FORMATS DiffSwall_16(f4.0).

EXECUTE.

RECODE STOMACH

(SYSMIS=99) (else=copy) into DiffDigest_16.

VARIABLE LABELS DiffDigest_16 "Children who have had digesting food, including stomach/intestinal problems, constipation, or diarrhea in the past 12 months".

VALUE LABELS DiffDigest_16

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES DiffDigest_16(99).

FORMATS DiffDigest_16(f4.0).

EXECUTE.

RECODE PHYSICALPAIN

(SYSMIS=99) (else=copy) into DiffPain_16.

VARIABLE LABELS DiffPain_16 "Children who have had difficulty with repeated or chronic physical pain, including headaches or other back or body pain in the past 12 months".

VALUE LABELS DiffPain_16

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES DiffPain_16(99).

FORMATS DiffPain_16(f4.0).

EXECUTE.

RECODE HANDS

(SYSMIS=99) (else=copy) into DiffHands_16.

IF SC_AGE_YEARS > 5 DiffHands_16 = 90.

VARIABLE LABELS DiffHands_16 "Children who have had difficulty using their hands in the past 12 months, age 0-5 years".

VALUE LABELS DiffHands_16

1 "Yes"

2 "No"

99 "Missing"

90 "Children age 6-17 years".

MISSING VALUES DiffPain_16(99).

FORMATS DiffPain_16(f4.0).

EXECUTE.

RECODE COORDINATION

```
(SYSMIS=99) (else=copy) into DiffCoor_16.
IF SC_AGE_YEARS > 5 DiffCoor_16 = 90.
VARIABLE LABELS DiffCoor_16 "Children who have had difficulty with coordination or moving around in
the past 12 month, age 0-5 years".
VALUE LABELS DiffCoor_16
1 "Yes"
2 "No"
99 "Missing"
90 "Children age 6-17 years".
MISSING VALUES DiffPain_16(99).
FORMATS DiffPain_16(f4.0).
EXECUTE.
```

```
RECODE MEMORYCOND
(SYSMIS=99) (else=copy) into DiffMem_16.
IF SC_AGE_YEARS < 6 DiffMem_16 = 90.
VARIABLE LABELS DiffMem_16 "Children who have serious difficulty concentrating, remembering, or
making decisions because of a physical, mental, or emotional condition, age 6-17 years".
VALUE LABELS DiffMem_16
1 "Yes"
2 "No"
99 "Missing"
90 "Children age 0-5 years".
MISSING VALUES DiffPain_16(99).
FORMATS DiffPain_16(f4.0).
EXECUTE.
```

```
RECODE WALKSTAIRS
(SYSMIS=99) (else=copy) into DiffWalk_16.
IF SC_AGE_YEARS < 6 DiffWalk_16 = 90.
VARIABLE LABELS DiffWalk_16 "Children who have serious difficulty walking or climbing stairs, age 6-17
years".
VALUE LABELS DiffWalk_16
1 "Yes"
2 "No"
99 "Missing"
90 "Children age 0-5 years".
MISSING VALUES DiffPain_16(99).
FORMATS DiffPain_16(f4.0).
EXECUTE.
```

```
RECODE DRESSING
(SYSMIS=99) (else=copy) into DiffDress_16.
IF SC_AGE_YEARS < 6 DiffDress_16 = 90.
VARIABLE LABELS DiffDress_16 "Children who have difficulty dressing or bathing, age 6-17 years".
VALUE LABELS DiffDress_16
1 "Yes"
2 "No"
99 "Missing"
90 "Children age 0-5 years".
MISSING VALUES DiffDress_16(99).
FORMATS DiffDress_16(f4.0).
EXECUTE.
```

RECODE ERRANDALONE

(SYSMIS=99) (else=copy) into DiffErrand_16.

IF SC_AGE_YEARS < 12 DiffErrand_16 = 90.

VARIABLE LABELS DiffErrand_16 "Children who have difficulty doing errands alone, such as visiting a doctor's office or shopping, because of a physical, mental, or emotional condition, age 12-17 years".

VALUE LABELS DiffErrand_16

1 "Yes"

2 "No"

99 "Missing"

90 "Children age 0-11 years".

MISSING VALUES DiffErrand_16(99).

FORMATS DiffErrand_16(f4.0).

EXECUTE.

RECODE K2Q43B

(SYSMIS=99) (else=copy) into hearing_16.

VARIABLE LABELS hearing_16 "Children who have deafness or problems with hearing".

VALUE LABELS hearing_16

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES hearing_16(99).

FORMATS hearing_16(f4.0).

EXECUTE.

RECODE BLINDNESS

(SYSMIS=99) (else=copy) into vision_16.

VARIABLE LABELS vision_16 "Children who have blindness or problems with seeing, even when wearing glasses".

VALUE LABELS vision_16

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES vision_16(99).

FORMATS vision_16(f4.0).

EXECUTE.

MISSING VALUES DiffBreath_16 DiffSwall_16 DiffDigest_16 DiffPain_16 DiffHands_16 DiffCoor_16 DiffMem_16 DiffWalk_16 DiffDress_16 DiffErrand_16 hearing_16 vision_16().

COUNT cntdiff=DiffBreath_16 DiffSwall_16 DiffDigest_16 DiffPain_16 DiffHands_16 DiffCoor_16 DiffMem_16 DiffWalk_16 DiffDress_16 DiffErrand_16 hearing_16 vision_16(1).

IF DiffBreath_16=99 and DiffSwall_16=99 and DiffDigest_16=99 and DiffPain_16=99 and DiffHands_16>=90 and DiffCoor_16>=90 and DiffMem_16>=90 and DiffWalk_16>=90 and DiffDress_16>=90 and DiffErrand_16>=90 and hearing_16=99 and vision_16=99 cntdiff=99.

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

COMPUTE Diff2more_16=999.

IF cntdiff = 0 Diff2more_16 = 0.

IF cntdiff = 1 Diff2more_16 = 1.

IF cntdiff > 1 Diff2more_16 = 2.

```
IF cntdiff =99 Diff2more_16 = 99.  
VARIABLE LABELS Diff2more_16 "Indicator 1.10: Children who experience two or more functional  
difficulties from a list of 12 difficulties".  
VALUE LABELS Diff2more_16  
0 "Did not have any difficulties"  
1 "One functional difficulty"  
2 "Two or more functional difficulties"  
99 "Missing to all".  
MISSING VALUES Diff2more_16(99).  
FORMATS Diff2more_16(f4.0).  
EXECUTE.
```

| | |
|--|---|
| Indicator 1.11 | Children with special health care needs |
| Description | Does this child have special health care needs? |
| Survey Items Used | <p>These items are asked among all children in the initial household screener questionnaire. The screener item numbers: 6,7,8,9,10</p> <p>Variables in public use data file: K2Q10; K2Q11; K2Q12; K2Q13; K2Q14; K2Q15; K2Q16; K2Q17; K2Q18; K2Q19; K2Q20; K2Q21; K2Q22; K2Q23; SC_CSHCN</p> |
| Denominator | Children age 0-17 years |
| Numerator | Children who do not have qualifying responses on any of the five CSHCN Screener criteria; Children with qualifying responses on one or more of the five CSHCN Screener criteria |
| Notes for Data-Users | |
| <p>The NSCH uses the CSHCN Screener to identify children with special health care needs. The Screener is a five item, parent-reported tool designed to reflect the federal Maternal and Child Health Bureau's consequences-based definition of children with special health care needs. It identifies children across the range and diversity of childhood chronic conditions and special needs, allowing a more comprehensive and robust assessment of children's needs and health care system performance than is attainable by focusing on a single diagnosis or type of special need.</p> <p>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 CSHCN and the CSHCN Screener can be obtained on the Child and Adolescent Health Measurement Initiative's website.</p> | |
| Revisions in 2016 | |
| <p>In the 2016 NSCH, the CSHCN Screener questions were asked among all children in the household, before full topical questionnaire was sent to the household. Only one selected child's CSHCN screener responses are included in the final public use file.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE rxmeds_16 = 2. IF ((SC_K2Q10 = 1) and (SC_K2Q11 = 1) and (SC_K2Q12 = 1)) rxmeds_16 = 1. VARIABLE LABELS rxmeds_16 "Children qualifying on the CSHCN Screener prescription medication criteria". VALUE LABELS rxmeds_16 1 "Yes" 2 "No". MISSING VALUES rxmeds_16(99). FORMATS rxmeds_16(f4.0). EXECUTE . COMPUTE serve_16 = 2. IF ((SC_K2Q13 = 1) and (SC_K2Q14 = 1) and (SC_K2Q15 = 1)) serve_16 = 1. VARIABLE LABELS serve_16 "Children qualifying on the CSHCN Screener for elevated use of services </pre> | |

```

criteria".
VALUE LABELS serve_16
1 "Yes"
2 "No".
MISSING VALUES serve_16(99).
FORMATS serve_16(f4.0).
EXECUTE.

COMPUTE func_16 = 2.
IF ((SC_K2Q16 = 1) and (SC_K2Q17 = 1) and (SC_K2Q18 = 1)) func_16 = 1.
VARIABLE LABELS func_16 "Children qualifying on the CSHCN Screener functional limitations criteria".
VALUE LABELS func_16
1 "Yes"
2 "No".
EXECUTE.

COMPUTE therapy_16 = 2.
IF ((SC_K2Q19 = 1) and (SC_K2Q20 = 1) and (SC_K2Q21 = 1)) therapy_16 = 1.
VARIABLE LABELS therapy_16 "Children qualifying on the CSHCN Screener specialized therapy criteria".
VALUE LABELS therapy_16
1 "Yes"
2 "No".
MISSING VALUES therapy_16(99).
FORMATS therapy_16(f4.0).
EXECUTE.

COMPUTE mhealth_16 = 2.
IF ((SC_K2Q22 = 1) and (SC_K2Q23 = 1)) mhealth_16 = 1.
VARIABLE LABELS mhealth_16 "Qualified on ongoing emotional, developmental or behavioral conditions".
VALUE LABELS mhealth_16
1 "Yes"
2 "No".
MISSING VALUES mhealth_16(99).
FORMATS mhealth_16(f4.0).
EXECUTE.

COUNT qualnum_16=rxmeds_16 serve_16 func_16 therapy_16 mhealth_16(1).
VARIABLE LABELS qualnum_16 "Number of qualifying CSHCN Screener answers".
VALUE LABELS qualnum_16
0 "No qualifying answers"
1 "One qualifying answer"
2 "Two qualifying answers"
3 "Three qualifying answers"
4 "Four qualifying answers"
5 "Five qualifying answers"
99 "Missing to all 5 items".
FORMATS qualnum_16 (f4.0).
EXECUTE.

COMPUTE CSHCN_16 = 999.
IF qualnum_16 = 0 CSHCN_16 = 2.
IF qualnum_16 > 0 CSHCN_16 = 1.
CSHCN_16 =99.
    
```

VARIABLE LABELS CSHCN_16 "Indicator 1.11: Children with special health care needs".

VALUE LABELS CSHCN_16

1 "CSHCN"

2 "Non-CSHCN"

99 "Missing to all".

FORMATS CSHCN_16 (f4.0).

EXECUTE.

*** CSHCN meeting ongoing emotional, developmental or behavioral conditions screening criteria vs. not meeting this criteria

COMPUTE mhneeds_16 = 999.

IF (CSHCN_16 = 2) mhneeds_16 = 3.

IF (CSHCN_16 = 1 and mhealth_16 = 2) mhneeds_16 = 2.

IF (CSHCN_16 = 1 and mhealth_16 = 1) mhneeds_16 = 1.

VARIABLE LABELS mhneeds_16 "CSHCN with and without ongoing emotional, developmental and/or behavioral health special needs".

VALUE LABELS mhneeds_16

1 "CSHCN qualifying on mhealth (Q5 + any)"

2 "CSHCN not qualifying on mhealth (no Q5)"

3 "Non-CSHCN".

FORMATS mhneeds_16 (f4.0).

***Specific types of special health care needs based on CSHCN Screening criteria

COMPUTE CSHCNtype_16 = 0.

IF ((func_16 = 1)) and ((serve_16 = 1) or (therapy_16 = 1) or (rxmeds_16 = 1) or (mhealth_16 = 1))

CSHCNtype_16 = 1.

IF ((func_16 = 1)) and ((serve_16 = 2) or (therapy_16 = 2) or (rxmeds_16 = 2) or (mhealth_16 = 2))

CSHCNtype_16 = 1.

IF (func_16 = 2) and ((rxmeds_16 = 1)) and ((serve_16 = 2) or (therapy_16 = 2) or (mhealth_16 = 2))

CSHCNtype_16 = 2.

IF (func_16 = 2) and ((rxmeds_16 = 2)) and ((serve_16 = 1) or (therapy_16 = 1) or (mhealth_16 = 1))

CSHCNtype_16 = 3.

IF (func_16 = 2) and ((rxmeds_16 = 1)) and ((serve_16 = 1) or (therapy_16 = 1) or (mhealth_16 = 1))

CSHCNtype_16 = 4.

VARIABLE LABELS CSHCNtype_16 "Children with specific types of special health care needs based on CSHCN screening criteria".

VALUE LABELS CSHCNtype_16

0 "Non-CSHCN"

1 "Func (only or w/ any other)"

2 "Rx meds ONLY"

3 "Service use ONLY"

4 "Rx meds AND service use".

FORMATS CSHCNtype_16 (f4.0).

EXECUTE.

***CSHCN status and complexity of health care needs

RECODE CSHCNtype_16 (0=0) (1=2) (2=1) (3=2) (4=2) into CSHCNComplex_16.

VARIABLE LABELS CSHCNComplex_16 "CSHCN status and complexity of health care needs".

VALUE LABELS CSHCNComplex_16

0 "Non-CSHCN"

Child and Family Health Measures – Physical, Oral Health and Functional Status

1 "CSHCN with less complex health needs"
2 "CSHCN with more complex health needs".
FORMATS CSHCNComplex_16(f4.0).

| Indicator 1.12 | Effect of conditions on daily activities |
|--|---|
| Description | Does this child have health conditions that consistently and often greatly affect their daily activities during the past 12 months? |
| Survey Items Used | Survey instrument item number for children 0-5 years: A36, A37; for children 6-11 years: A37, A38; for children 12-17 years: A37, A38; Variables in public use data file: HCABILITY; HCEXTENT |
| Denominator | Children age 0-17 years who have any condition |
| Numerator | Daily activities consistently affected, often a great deal; Daily activities moderately affected some of the time; Daily activities never affected |
| Notes for Data-Users | |
| <p>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) A37 (6-17 years) AND/OR a response of "A great deal" on A37 (0-5 years) A38 (6-17 years) . Valid responses on both items are required.</p> | |
| Revisions in 2016 | |
| <p>These questions were asked in the 2009/10 National Survey of Children with Special Health Care Needs (NS-CSHCN). There were significant changes to the wording of the questions. For more information about the question changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE DailyAct_16 = 999. IF (SYSMIS(HCABILITY)) or (SYSMIS(HCEXTENT)) DailyAct_16 = 99. IF HCABILITY = 1 DailyAct_16 = 0. IF HCABILITY = 2 DailyAct_16 = 1. IF HCABILITY = 3 or (HCEXTENT = 1 or HCEXTENT = 2) DailyAct_16 = 2. IF HCABILITY = 4 or HCABILITY=5 DailyAct_16 = 3. IF HCEXTENT = 3 DailyAct_16 = 3. IF (SYSMIS(HCABILITY)) and (SYSMIS(HCEXTENT)) DailyAct_16 = 99. VARIABLE LABELS DailyAct_16 "Indicator 1.12: Extent to which children's health conditions affect their daily activities, among children who have any condition". VALUE LABELS DailyAct_16 0 "Do not have any conditions" 1 "Daily activities never affected" 2 "Daily activities moderately affected some of time" 3 "Daily activities consistently affected, often a great deal" 99 "Missing to both items". MISSING VALUES DailyAct_16(0,99). </pre> | |

| | |
|--|--|
| Indicator 2.1 | Bullies others, age 6-17 years |
| Description | How well does this phrase describe this child: child bullies others, picks on them, or excludes them? |
| Survey Items Used | Survey instrument item number for children 6-11 years: A3g; for children 12-17 years: A3g Variable name in public use data file: K7Q71_R |
| Denominator | Children age 6-17 years |
| Numerator | Children whose parents definitely or somewhat agree that their child bullies others, picks on them or excludes them; Children whose parents do not agree that their child bullies others, picks on them or excludes them |
| Notes for Data-Users | |
| This question is asked for children between 6 and 17 years of age. | |
| Revisions in 2016 | |
| <p>Response options changed from “Never, rarely, sometimes, usually, or always true” to “Definitely true, somewhat true, or not true.” Reference to “the past month” was not included in the 2016 survey question. For more information about the changes, click here.</p> <p>Due to changes in the survey’s mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K7Q71_R (1 thru 2=1) (3=2) (SYSMIS=99) into bully_16. IF SC_AGE_YEARS < 6 bully_16 = 90. VARIABLE LABELS bully_16 "Indicator 2.1: Children bully others, pick on them or exclude them, age 6-17 years". VALUE LABELS bully_16 1 "Definitely or somewhat true" 2 "Not true" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES bully_16(90,99). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 2.2 | Bullied, age 6-17 years |
| Description | How well does this phrase describe this child: child is bullied, picked on, or excluded by other children? |
| Survey Items Used | Survey instrument item number for children 6-11 years: A3f; for children 12-17 years: A3f Variable name in public use data file: BULLIED |
| Denominator | Children age 6-17 years |
| Numerator | Children whose parents definitely or somewhat agree that their child is child bullied, picked on or excluded by other children; Children whose parents do not agree that their child is child bullied, picked on or excluded by other children |
| Notes for Data-Users | |
| This question is asked for children between 6 and 17 years of age. | |
| Revisions in 2016 | |
| This item is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <p>RECODE BULLIED (1 thru 2=1) (3=2) (SYSMIS=99) into bullied_16. IF SC_AGE_YEARS < 6 bullied_16 = 90. VARIABLE LABELS bullied_16 "Indicator 2.2: Children who are bullied, picked on, or excluded by other children, age 6-17 years". VALUE LABELS bullied_16 1 "Definitely or somewhat true" 2 "Not true" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES bullied_16(90,99). EXECUTE.</p> | |

| | |
|---|--|
| Indicator 2.3 | Flourishing for young children, age 6 months-5 years |
| Description | Is this young child flourishing? |
| Survey Items Used | Survey instrument item number for children 0-5 years: A3a-d Variables in public use data file: K6Q70_R; K6Q71_R; K6Q72_R; K6Q73_R |
| Denominator | Children age 6 months-5 years |
| Numerator | Children who met 0-2 flourishing items; Children who met 3 flourishing items; Children who met all 4 flourishing items |
| Notes for Data-Users | |
| <p>Positive health items, or “flourishing items” (also known as thriving), were included first time in the 2011/12 NSCH to provide information on childhood well-being and resilience. Flourishing as a concept contains multiple dimensions of physical health, mental and emotional health, caring, empathy and resilience, therefore items are organized by domains within thriving. Questions were developed based on a review of positive health indicators by a Technical Expert Panel. 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 interesting in this concept. From the collection of input from the Technical Expert Panel and Public Comment, two sets of flourishing items were developed for children age 6 months-5 years and a separate set for children 6-17 years, based on developmentally appropriate experiences for each age group. For children age 0-5 years, four questions were asked that aimed to capture curiosity and discovery about learning, resilience, attachment with parent, and content with life. These were captured through: (1) child is affectionate and tender, (2) child bounces back quickly when things don’t go his/her way, (3) child shows interest and curiosity in learning new things, and (4) child smiles and laughs a lot. The “Definitely true” response to the question indicates the child meets the flourishing item criteria.</p> | |
| Revisions in 2016 | |
| <p>Response options of individual items were changed from “Never, rarely, sometimes, usually, or always true” to “Definitely true, somewhat true, or not true.” Reference to “the past month” was not included in the 2016 NSCH question. For more information about the changes, click, click here.</p> <p>Due to changes in the survey’s mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K6Q70_R (1=1) (2 thru 3 =2) (SYSMIS=99) into tender_16. IF SC_AGE_YEARS > 5 tender_16 = 90. IF SC_AGE_LT6 = 1 tender_16 = 95. VARIABLE LABELS tender_16 "Children are affectionate and tender with parent, age 6 months-5 years". VALUE LABELS tender_16 1 "Definitely true" 2 "Somewhat true or Not true" 90 "Children age 6-17 years" 95 "Children age <6 months" 99 "Missing". </pre> | |

MISSING VALUES tender_16(90,95,99).
EXECUTE.

RECODE K6Q73_R

(1=1) (2 thru 3 =2) (SYSMIS=99) into resil0to5_16.

IF SC_AGE_YEARS > 5 resil0to5_16 = 90.

IF SC_AGE_LT6 = 1 resil0to5_16 = 95.

VARIABLE LABELS resil0to5_16 "Children who bounce back quickly when things don't go his/her way, age 6 months-5 years".

VALUE LABELS resil0to5_16

1 "Definitely true"

2 "Somewhat true or Not true"

90 "Children age 6-17 years"

95 "Children age <6 months"

99 "Missing".

MISSING VALUES resil0to5_16(90,95,99).

EXECUTE.

RECODE K6Q71_R

(1=1) (2 thru 3 =2) (SYSMIS=99) into curious0to5_16.

IF SC_AGE_YEARS > 5 curious0to5_16 = 90.

IF SC_AGE_LT6 = 1 curious0to5_16 = 95.

VARIABLE LABELS curious0to5_16 "Children who show interest and curiosity in learning new things, age 6 months-5 years".

VALUE LABELS curious0to5_16

1 "Definitely true"

2 "Somewhat true or Not true"

90 "Children age 6-17 years"

95 "Children age <6 months"

99 "Missing".

MISSING VALUES curious0to5_16(90,99).

EXECUTE.

RECODE K6Q72_R

(1=1) (2 thru 3 =2) (SYSMIS=99) into smile_16.

IF SC_AGE_YEARS > 5 smile_16 = 90.

IF SC_AGE_LT6 = 1 smile_16 = 95.

VARIABLE LABELS smile_16 "Children who smile and laugh a lot, age 6 months-5 years".

VALUE LABELS smile_16

1 "Definitely true"

2 "Somewhat true or Not true"

90 "Children age 6-17 years"

95 "Children age <6 months"

99 "Missing".

MISSING VALUES smile_16(90,99).

EXECUTE.

MISSING VALUES tender_16 resil0to5_16 curious0to5_16 smile_16().

COUNT flrsh0to5ct=tender_16 resil0to5_16 curious0to5_16 smile_16(1).

IF tender_16=99 and resil0to5_16=99 and curious0to5_16=99 and smile_16=99 flrsh0to5ct=99.

IF SC_AGE_LT6 = 1 flrsh0to5ct = 95.

IF SC_AGE_YEARS > 5 flrsh0to5ct=90.

VARIABLE LABELS flrsh0to5ct "Count of Definitely true responses to flourishing items, age 6 months-5 years".

VALUE LABELS flrsh0to5ct

90 "Children age 6-17 years"

95 "Children age <6 months"

99 "Missing to all 4 items".

RECODE flrsh0to5ct (0 thru 3 = 1) (4=2) (else=copy) into flrsh0to5_16.

VARIABLE LABELS flrsh0to5_16 "Indicator 2.3: Flourishing for young children, age 6 months-5 years".

VALUE LABELS flrsh0to5_16

1 "Definitely true response to 0-3 items"

2 "Definitely true response to all 4 items"

90 "Children age 6-17 years"

95 "Children age <6 months"

99 "Missing to all 4 items".

MISSING VALUES flrsh0to5_16(90,95,99).

EXECUTE.

| | |
|---|--|
| Indicator 2.4 | Flourishing for children and adolescents, age 6-17 years |
| Description | Is this child or adolescent flourishing? |
| Survey Items Used | Survey instrument item number: for children 6-11 years: A3a-c; for children 12-17 years: A3a-c Variables in public use data file: K7Q84_R; K6Q71_R; K7Q85_R |
| Denominator | Children age 6-17 years |
| Numerator | Children who met 0-1 flourishing items; Children who met 2 flourishing items; Children who met all 3 flourishing items |
| Notes for Data-Users | |
| <p>Positive health items, or “flourishing items” (also known as thriving), were included first time in the 2011/12 NSCH to provide information on childhood well-being and resilience. Flourishing as a concept contains multiple dimensions of physical health, mental and emotional health, caring, empathy and resilience, therefore items are organized by domains within thriving. Questions were developed based on a review of positive health indicators by a Technical Expert Panel. 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 interesting in this concept. From the collection of input from the Technical Expert Panel and Public Comment, two sets of flourishing items were developed for children age 6 months-5 years and a separate set for children 6-17 years based on developmentally appropriate experiences for each age group. For children age 6-17 years, three questions were asked that aimed to capture curiosity and discovery about learning, resilience, and self-regulation. These were captured through: (1) child shows interest and curiosity in learning new things, (2) child works to finish tasks he or she starts, and (3) child stays calm and in control when faced with a challenge. The “Definitely true” response to the question indicates the child meets the flourishing item criteria.</p> | |
| Revisions in 2016 | |
| <p>Response options were changed from “Never, rarely, sometimes, usually, or always true” to “Definitely true, somewhat true, or not true.” Reference to “the past month” was not included in the 2016 NSCH question. For more information about the changes, click, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K6Q71_R (1=1) (2 thru 3 =2) (SYSMIS=99) into curious6to17_16. IF SC_AGE_YEARS < 6 curious6to17_16=90. VARIABLE LABELS curious6to17_16 "Children who show interest and curiosity in learning new things, age 6-17 years". VALUE LABELS curious6to17_16 1 "Definitely true" 2 "Somewhat true or Not true" 90 "Children age 0-5 years" 99 "Missing". MISSING VALUES curious6to17_16(90,99). </pre> | |

EXECUTE.

RECODE K7Q84_R

(1=1) (2 thru 3 =2) (SYSMIS=99) into finishes_16.

IF SC_AGE_YEARS < 6 finishes_16=90.

VARIABLE LABELS finishes_16 "Children who work to finish the tasks they start, age 6-17 years".

VALUE LABELS finishes_16

1 "Definitely true"

2 "Somewhat true or Not true"

90 "Children age 0-5 years"

99 "Missing".

MISSING VALUES finishes_16(90,99).

EXECUTE.

RECODE K7Q85_R

(SYSMIS=99) (else=copy) into resil6to17_16.

IF SC_AGE_YEARS < 6 resil6to17_16=90.

VARIABLE LABELS resil6to17_16 "Children who stay calm and in control when faced with a challenge, age 6-17 years".

VALUE LABELS resil6to17_16

1 "Definitely true"

2 "Somewhat true"

3 "Not true"

90 "Children age 0-5 years"

99 "Missing".

MISSING VALUES resil6to17_16(90,99).

EXECUTE.

MISSING VALUES finishes_16 resil6to17_16 curious6to17_16().

COUNT flrsh6to17ct = finishes_16 resil6to17_16 curious6to17_16 (1).

IF finishes_16=99 and resil6to17_16=99 and curious6to17_16=99 flrsh6to17ct=99.

IF SC_AGE_YEARS < 6 flrsh6to17ct=90.

VARIABLE LABELS flrsh6to17ct "Count of Definitely true response to flourishing Items, age 6-17 years".

VALUE LABELS flrsh6to17ct

90 "Children age 0-5 years"

99 "Missing to all 3 items".

EXECUTE.

RECODE flrsh6to17ct (0 thru 1 = 1) (2=2) (3=3) (else=copy) into flrsh6to17_16.

VARIABLE LABELS flrsh6to17_16 "Indicator 2.4: Flourishing for children and adolescents, age 6-17 years".

VALUE LABELS flrsh6to17_16

1 "Definitely true response to 0-1 items"

2 "Definitely true response to 2 items"

3 "Definitely true response to all 3 items"

90 "Children age 0-5 years"

99 "Missing to all 3 items".

MISSING VALUES flrsh6to17_16 (90,99).

EXECUTE.

| | |
|--|--|
| Indicator 2.5 | Argue too much, age 6-17 years |
| Description | How well does this phrase describe this child: this child argues too much? |
| Survey Items Used | Survey instrument item number: for children 6-11 years: A3h; for children 12-17 years: A3h Variable in public use data file: K7Q70_R |
| Denominator | Children age 6-17 years |
| Numerator | Children whose parents definitely agree that their child argues too much; Children whose parents somewhat agree that their child argues too much; Children whose parents do not agree that their child argues too much |
| Notes for Data-Users | |
| This question is asked for children between 6 and 17 years of age. | |
| Revisions in 2016 | |
| <p>Response options were changed from “Never, rarely, sometimes, usually, or always true” to “Definitely true, somewhat true, or not true.” Reference to “the past month” was not included in the 2016 NSCH question. For more information about the changes, click here</p> <p>Due to changes in the survey’s mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K7Q70_R (SYSMIS=99) (else=copy) into argue_16. IF SC_AGE_YEARS < 6 argue_16 = 90. VARIABLE LABELS argue_16 "Indicator 2.5: Children who argue too much, age 6-17 years". VALUE LABELS argue_16 1 "Definitely true" 2 "Somewhat true" 3 "Not true" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES argue_16(90,99). FORMATS argue_16(f2.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 2.6 | Making and keeping friends, age 6-17 years |
| Description | Compared to other children his or her age, how much difficulty does this child have making or keeping friends? |
| Survey Items Used | Survey instrument item number: for children 6-11 years: G7; for children 12-17 years: G7 Variable in public use data file: MAKEFRIEND |
| Denominator | Children age 6-17 years |
| Numerator | Children who have no difficulty making or keeping friends; Children who have a little/a lot difficulty making or keeping friends |
| Notes for Data-Users | |
| 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. | |
| Revisions in 2016 | |
| This question was asked in the 2009/10 National Survey of Children's Health (NS-CSHCN). Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <p>RECODE MAKEFRIEND (1=1) (2 thru 3 = 2) (SYSMIS=99) (else=copy) into MakeFriend_16. IF SC_AGE_YEARS < 6 MakeFriend_16 = 90. VARIABLE LABELS MakeFriend_16 "Indicator 2.6: Difficulties making and keeping friends, age 6-17 years". VALUE LABELS MakeFriend_16 1 "No difficulty" 2 "A little or a lot of difficulty" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES MakeFriend_16(90,99). FORMATS MakeFriend_16(f2.0). EXECUTE.</p> | |

| | |
|---|---|
| Indicator 2.7 | Prevalence of ADD/ADHD, age 3-17 years |
| Description | Does this child currently have Attention Deficit Disorder (ADD) or Attention-Deficit/Hyperactivity Disorder (ADHD)? |
| Survey Items Used | Survey instrument item number: for children 0-5 years: A33; for children 6-11 years: A34; for children 12-17 years: A34 Variable in public use data file: K2Q31A; K2Q31B |
| Denominator | Children age 3-17 years |
| Numerator | Children who do not currently have ADD or ADHD; Children who ever had ADD or ADHD, but not currently; Children who currently have ADD or ADHD |
| Notes for Data-Users | |
| <p>All information about children's current conditions in the 2016 NSCH is based on parent report. Further, a response of "Yes" to having "ever been told" that a child has a specific health condition DOES NOT indicate whether the child currently has that particular condition and therefore should not be interpreted as current prevalence.</p> <p>The 2016 NSCH asked this question among all children, including children <3 years old. However, the denominator of this measure is children ages 3-17 years.</p> | |
| Revisions in 2016 | |
| <p>The content of this measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE ADHDind_16 = 999. IF (SYSMIS(K2Q31A)) or (SYSMIS(K2Q31B)) ADHDind_16 = 99. IF K2Q31A = 2 ADHDind_16 = 1. IF K2Q31A = 1 and K2Q31B = 2 ADHDind_16 = 2. IF K2Q31A = 1 and K2Q31B = 1 ADHDind_16 = 3. IF SC_AGE_YEARS < 3 ADHDind_16 = 95. VARIABLE LABELS ADHDind_16 "Indicator 2.7: Children who currently have ADD or ADHD, age 3-17 years". VALUE LABELS ADHDind_16 1 "Do not have condition" 2 "Ever told, but do not currently have condition" 3 "Currently have condition" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES ADHDind_16(95,99). FORMATS ADHDind_16(f2.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 2.7a | Parent-rated severity of ADD/ADHD, age 3-17 years |
| Description | Would you describe this child's current Attention Deficit Disorder (ADD) or Attention-Deficit/Hyperactivity Disorder (ADHD) as mild, moderate or severe? |
| Survey Items Used | Survey instrument item number for children 0-5 years: A33; for children 6-11 years: A34; for children 12-17 years: A34 Variable in public use data file: K2Q31A; K2Q31B; K2Q31C |
| Denominator | Children age 3-17 years |
| Numerator | Children who do not currently have ADD/ADHD; Children with mild current ADD/ADHD; Children with moderate current ADD/ADHD; Children with severe current ADD/ADHD |
| Notes for Data-Users | |
| All information about children's current conditions from the 2016 NSCH survey is based on parent report. | |
| Revisions in 2016 | |
| <p>There were changes to the wording of this question. For more information about the changes click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE ADHDSevInd_16 = 999. IF K2Q31C = 1 ADHDSevInd_16 = 2. IF K2Q31C = 2 or K2Q31C= 3 ADHDSevInd_16 = 3. IF (SYSMIS(K2Q31C)) ADHDSevInd_16 = 99. IF ADHD_16= 1 or ADHD_16 = 2 ADHDSevInd_16 = 1. IF ADHD_16 =99 ADHDSevInd_16 = 99. IF SC_AGE_YEARS < 3 ADHDSevInd_16 = 95. VARIABLE LABELS ADHDSevInd_16 "Indicator 2.7a: Parent-rated severity of current ADD/ADHD, age 3-17 years". VALUE LABELS ADHDSevInd_16 1 "Does not currently have condition" 2 "Current condition, rated mild" 3 "Current condition, rated moderate/severe" 99 "Missing" 95"Children age 0-2 years". MISSING VALUES ADHDSevInd_16(95,99). FORMATS ADHDSevInd_16(f2.0). EXECUTE. </pre> | |

| | |
|--|---|
| Indicator 2.7b | Medication for ADD/ADHD, age 3-17 years |
| Description | Is this child currently taking medication for ADD or ADHD? |
| Survey Items Used | Survey instrument item number for children 0-5 years: A34; for children 6-11 years: A35; for children 12-17 years: A35 Variable name in public use data file: K2Q31D; K2Q31A; K2Q31B |
| Denominator | Children age 3-17 years |
| Numerator | Children who currently have ADD/ADHD and are taking medication; Children who currently have ADD/ADHD but are not taking medication; Children who do not currently have ADD/ADHD |
| Notes for Data-Users | |
| <p>This measure is based on three questions which asked parents whether they were ever told by a provider care provider that their child had ADD or ADHD; whether the child currently has ADD or ADHD; and whether the child is currently taking medication for ADD or ADHD. The second and third questions were asked only if the response to the previous question was "Yes".</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> | |
| Revisions in 2016 | |
| <p>The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE ADHDMed_16 = 999. IF (SYSMIS(K2Q31D)) ADHDMed_16 = 99. IF K2Q31D = 1 ADHDMed_16 = 1. IF K2Q31D = 2 ADHDMed_16 = 2. IF (SYSMIS(K2Q31A)) or (SYSMIS(K2Q31B)) ADHDMed_16 = 99. IF K2Q31A = 2 or (K2Q31A = 1 and K2Q31B = 2) ADHDMed_16 = 3. IF SC_AGE_YEARS < 3 ADHDMed_16 = 95. VARIABLE LABELS ADHDMed_16 "Indicator 2.7b: Children currently taking medication for ADD or ADHD, age 3-17 years". VALUE LABELS ADHDMed_16 1 "Currently have condition and taking medication" 2 "Currently have condition but not taking medication" 3 "Do not currently have condition" 99 "Missing" 95 "Children age 0-2 year". MISSING VALUES ADHDMed_16(95,99). EXECUTE. </pre> | |

| | |
|---|---|
| Indicator 2.7c | Received behavioral treatment for ADD/ADHD, age 3-17 years |
| Description | 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? |
| Survey Items Used | Survey instrument item number for children 0-5 years: A35; for children 6-11 years: A36; for children 12-17 years: A36 Variable in public use data file: ADDTREAT; K2Q31B |
| Denominator | Children age 3-17 years who have been diagnosed ADD/ADHD |
| Numerator | Children who currently have condition and received behavioral treatment; Children who currently have condition but did not receive behavioral treatment; Children who do not currently have condition |
| Notes for Data-Users | |
| All information about children's current conditions from the 2016 NSCH survey is based on parent report. | |
| Revisions in 2016 | |
| <p>This question was asked in the 2009/10 National Survey of Children with Special Health Care Needs (NS-CSHCN). There were changes to the wording of this question. For more information about the changes click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE ADHDBehTreat_16 = 999. IF (SYSMIS(ADDTREAT)) ADHDBehTreat_16 = 99. IF ADDTREAT = 1 ADHDBehTreat_16 = 1. IF ADDTREAT = 2 ADHDBehTreat_16 = 2. IF (SYSMIS(K2Q31A)) or (SYSMIS(K2Q31B)) ADHDBehTreat_16 = 99. IF K2Q31A = 2 or (K2Q31A = 1 and K2Q31B = 2) ADHDBehTreat_16 = 3. IF SC_AGE_YEARS < 3 ADHDBehTreat_16 = 95. VARIABLE LABELS ADHDBehTreat_16 "Indicator 2.7c: Received behavioral treatment for ADD/ADHD, age 3-17 years". VALUE LABELS ADHDBehTreat_16 1 "Currently have condition and received behavioral treatment" 2 "Currently have condition but did not receive behavioral treatment" 3 "Do not currently have condition" 99 "Missing" 95 "Children age 0-2 year". MISSING VALUES ADHDBehTreat_16(95,99). EXECUTE. </pre> | |

| | |
|--|--|
| Indicator 2.8 | Prevalence of autism/ASD, age 3-17 years |
| Description | Does this child currently have Autism or Autism Spectrum Disorder (ASD)? |
| Survey Items Used | Survey instrument item number: for children 0-5 years: A28; for children 6-11 years: A29; for children 12-17 years: A29 Variable in public use data file: K2Q35A; K2Q35B |
| Denominator | Children age 3-17 years |
| Numerator | Children who do not currently have Autism or Autism Spectrum Disorder; Children who ever had Autism or Autism Spectrum Disorder, but not currently; Children who currently have Autism or Autism Spectrum Disorder |
| Notes for Data-Users | |
| All information about children's current conditions in the 2016 NSCH is based on parent report. Further, a response of "Yes" to having "ever been told" that a child has a specific health condition DOES NOT indicate whether the child currently has that particular condition and therefore should not be interpreted as current prevalence. The 2016 NSCH asked this question among all children, including children <3 years old. However, the denominator of this measure is children ages 3-17 years. | |
| Revisions in 2016 | |
| There were changes to the wording of the question. For more information about the question changes, click here . Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE AutismInd_16 = 999. IF (SYSMIS(K2Q35A)) or (SYSMIS(K2Q35B)) AutismInd_16 = 99. IF K2Q35A = 2 AutismInd_16 = 1. IF K2Q35A = 1 and K2Q35B = 2 AutismInd_16 = 2. IF K2Q35A = 1 and K2Q35B = 1 AutismInd_16 = 3. IF SC_AGE_YEARS < 3 AutismInd_16 = 95. VARIABLE LABELS AutismInd_16 "Indicator 2.8: Children who currently have autism or Autism Spectrum Disorder, age 3-17 years". VALUE LABELS AutismInd_16 1 "Do not have condition" 2 "Ever told, but do not currently have condition" 3 "Currently have condition" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES AutismInd_16(95,99). FORMATS AutismInd_16(f2.0). EXECUTE. </pre> | |

| | |
|--|--|
| Indicator 2.8a | Parent-rated severity of autism/ASD, age 3-17 years |
| Description | Would you describe this child's current Autism or Autism Spectrum Disorder as mild, moderate or severe? |
| Survey Items Used | Survey instrument item number: for children 0-5 years: A28; for children 6-11 years: A29; for children 12-17 years: A29 Variable in public use data file: K2Q35A; K2Q35B; K2Q35C |
| Denominator | Children age 3-17 years |
| Numerator | Children who do not currently have Autism or Autism Spectrum Disorder; Children with mild current Autism or Autism Spectrum Disorder; Children with moderate/severe current Autism or Autism Spectrum Disorder |
| Notes for Data-Users | |
| All information about children's current conditions from the 2016 NSCH survey is based on parent report. | |
| Revisions in 2016 | |
| <p>There were changes to the wording of this question. For more information about the question changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE ASDSevInd_16 = 999. IF K2Q35C = 1 ASDSevInd_16 = 2. IF K2Q35C = 2 or K2Q35C =3 ASDSevInd_16 = 3. IF (SYSMIS(K2Q35C)) ASDSevInd_16 = 99. IF autism_16= 1 or autism_16 = 2 ASDSevInd_16 = 1. IF autism_16 =99 ASDSevInd_16 = 99. IF SC_AGE_YEARS < 3 ASDSevInd_16 = 95. VARIABLE LABELS ASDSevInd_16 "Indicator 2.8a: Parent-rated severity of current autism, age 3-17 years". VALUE LABELS ASDSevInd_16 1 "Does not currently have condition" 2 "Current condition, rated mild" 3 "Current condition, rated moderate/severe" 99 "Missing" 95"Children age 0-2 years". MISSING VALUES ASDSevInd_16(95,99). FORMATS ASDSevInd_16(f2.0). EXECUTE. </pre> | |

| | |
|--|---|
| Indicator 2.8b | Medication for autism/ASD, age 3-17 years |
| Description | Is this child currently taking medication for Autism, ASD, Asperger's Disorder or PDD? |
| Survey Items Used | Survey instrument item number for children 0-5 years: A28, A31; for children 6-11 years: A28, A32; for children 12-17 years: A28, A32 Variables in public use data file: AUTISMMED; K2Q35A; K2Q35B |
| Denominator | Children age 3-17 years |
| Numerator | Children who currently have autism/ASD and are taking medication; Children who currently have autism/ASD but are not taking medication; Children who do not currently have autism/ASD |
| Notes for Data-Users | |
| <p>This measure was based on three questions which asked parents whether they were ever told by a provider that their child had autism/ASD; whether the child currently has autism/ASD; and whether the child is currently taking medication for autism/ASD. The second and third questions were asked only if the response to the previous question was "Yes".</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. These questions were asked among all children, including children <3 years old. However, the denominator of this measure is children ages 3-17 years.</p> | |
| Revisions in 2016 | |
| This item is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE ASDMed_16= 999. IF (SYSMIS(AUTISMMED)) ASDMed_16 = 99. IF AUTISMMED = 1 ASDMed_16 = 1. IF AUTISMMED = 2 ASDMed_16 = 2. IF (SYSMIS(K2Q35A)) or (SYSMIS(K2Q35B)) ASDMed_16 = 99. IF K2Q35A = 2 or (K2Q35A = 1 and K2Q35B = 2) ASDMed_16 = 3. IF SC_AGE_YEARS < 3 ASDMed_16 = 95. VARIABLE LABELS ASDMed_16 "Indicator 2.8b: Children currently taking medication for autism/ASD, age 3-17 years". VALUE LABELS ASDMed_16 1 "Currently have condition and taking medication" 2 "Currently have condition but not taking medication" 3 "Do not currently have condition or missing" 99 "Missing" 95 "Children age 0-2 year". MISSING VALUES ASDMed_16(95,99). EXECUTE. </pre> | |

| | |
|--|---|
| Indicator 2.8c | Received behavioral treatment for autism/ASD, age 3-17 years |
| Description | At any time during the past 12 months, did this child receive behavioral treatment for Autism, ASD, Asperger's Disorder or PDD, such as training or an intervention that you or this child received to help with his or her behavior? |
| Survey Items Used | Survey instrument item number for children 0-5 years: A28; A32; for children 6-11 years: A33; for children 12-17 years: A33 Variables in public use data file: AUTISMTREAT; K2Q35A; K2Q35B |
| Denominator | Children age 3-17 years |
| Numerator | Children who currently have autism/ASD and received behavioral treatment; Children who currently have autism/ASD but did not receive behavioral treatment; Children who do not currently have autism/ASD |
| Notes for Data-Users | |
| <p>This measure was based on three questions which asked parents whether they were ever told by a provider that their child had autism/ASD; whether the child currently has autism/ASD; and whether the child received behavioral treatment for Autism, ASD, Asperger's Disorder or PDD. The second and third questions were asked only if the response to the previous question was "Yes".</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. These questions were asked among all children, including children <3 years old. However, the denominator of this measure is children ages 3-17 years.</p> | |
| Revisions in 2016 | |
| This item is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE ASDBehTreat_16 = 999. IF (SYSMIS(AUTISMTREAT)) ASDBehTreat_16 = 99. IF AUTISMTREAT = 1 ASDBehTreat_16 = 1. IF AUTISMTREAT = 2 ASDBehTreat_16 = 2. IF (SYSMIS(K2Q35A)) or (SYSMIS(K2Q35B)) ASDBehTreat_16 = 99. IF K2Q35A = 2 or (K2Q35A = 1 and K2Q35B = 2) ASDBehTreat_16 = 3. IF SC_AGE_YEARS < 3 ASDBehTreat_16 = 95. VARIABLE LABELS ASDBehTreat_16 "Indicator 2.8c: Children currently have autism/ASD who received behavioral treatment for autism/ASD during the past 12 months, age 3-17 years". VALUE LABELS ASDBehTreat_16 1 "Currently have condition and received behavioral treatment" 2 "Currently have condition but did not receive behavioral treatment" 3 "Do not currently have condition" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES ASDBehTreat_16(95,99). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 2.8d | Age of diagnosis for autism/ASD, age 3-17 years |
| Description | How old was this child when a doctor or other health care provider first told you that he or she had Autism, ASD, Asperger's Disorder or PDD? |
| Survey Items Used | Survey instrument item number: for children 0-5 years: A29; for children 6-11 years: A30; for children 12-17 years: A30; Variables in public use data file: K2Q35A_1_YEARS; K2Q35A_1_DK; K2Q35A; K2Q35B |
| Denominator | Children age 3-17 years who have been diagnosed with ASD |
| Numerator | Diagnosed at birth to 2 years; Diagnosed 3-5 years of age; Diagnosed at 6-17 years of age |
| Notes for Data-Users | |
| All information about children's current conditions in the 2011/12 NSCH is based on parent report. | |
| Revisions in 2016 | |
| The content of this measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K2Q35A_1_YEARS (0 thru 2 =1) (3 thru 5=2) (6 thru 17=3) (SYSMIS=999) (else=copy) into ASDAge_16. IF K2Q35A = 2 ASDAge_16 = 998. IF SC_AGE_YEARS < 3 ASDAge_16 = 995. VARIABLE LABELS ASDAge_16 "Indicator 2.8d: Age of diagnosis for autism/ASD, age 3-17 years". VALUE LABELS ASDAge_16 1 "0-2 years" 2 "3-5 years" 3 "Older than 5 years" 998 "Never told that child has autism/ASD" 999 "Don't know/Missing" 995 "Children age 0-2 year". MISSING VALUES ASDAge_16(995,998,999). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 2.8e | Type of health care provider to first tell that child had autism/ASD, age 3-17 years |
| Description | What type of doctor or other health care provider was the first to tell you that this child had Autism, ASD, Asperger's Disorder or PDD? |
| Survey Items Used | Survey instrument item number: for children 0-5 years: A30; for children 6-11 years: A31; for children 12-17 years: A31; Variable in public use data file: K2Q35D; K2Q35A |
| Denominator | Children age 3-17 years who have been diagnosed with ASD |
| Numerator | Primary care provider; Specialist; Mental health professionals including school psychologist/counselor, other psychologist (non-school) or psychiatrist; Other |
| Notes for Data-Users | |
| All information about children's current conditions in the 2016 NSCH is based on parent report. | |
| Revisions in 2016 | |
| The response options for this item have changed from previous years of the survey. For more information about the changes, click here . Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K2Q35D (1=1) (2=2) (3 thru 5=3) (6=4) (else=copy) into ASDDrType_16. IF (SYSMIS(K2Q35D)) ASDDrType_16 = 99. IF K2Q35D = 7 ASDDrType_16 = 99. IF K2Q35A = 2 ASDDrType_16 = 96. IF SC_AGE_YEARS < 3 ASDDrType_16 = 95. VARIABLE LABELS ASDDrType_16 "Indicator 2.8e: Type of doctor or other health care provider was the FIRST to tell that this child had autism/ASD, age 3-17 years". VALUE LABELS ASDDrType_16 1 "Primary Care Provider" 2 "Specialist" 3 "Mental health professional" 4 "Other" 96 "Never told that child has ASD" 99 "Don't Know/Missing" 95 "Children age 0-2 year". MISSING VALUES ASDDrType_16(95,96,99). EXECUTE.</pre> | |

| | |
|--|---|
| Indicator 2.9 | Medication for ADD/ADHD, ASD, or difficulties with emotions, concentration, or behavior, age 3-17 years |
| Description | Is this child taking medication for ADD/ADHD, ASD, or difficulties with emotions, concentration, or behavior? |
| Survey Items Used | Survey instrument item number: for children 0-5 years: A31, A34, C20; for children 6-11 years: A32, A35, C18; for children 12-17 years: A32, A35, C19 Variable in public use data file: K4Q23; AUTISMMED; K2Q31D |
| Denominator | Children age 3-17 years |
| Numerator | Children who are not taking medication for emotions/concentration/behavior; Children who currently taking medication for emotions/concentration/behavior (including autism/ASD and ADD/ADHD) |
| Notes for Data-Users | |
| <p>This measure combines responses to three questions: whether children with current autism/ASD are using medication, whether children with current ADD/ADHD are using medication, and whether children not on medication for autism/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>Please note that in the NSCH all information about children's health conditions is based on parent recollection and is not independently verified.</p> | |
| Revisions in 2016 | |
| In the 2011/12 NSCH, the questions about medication use for ADD/ADHD and emotion, concentration or behavior were asked among children age 2-17 years. "Medication for ASD" is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE MedEmotion_16 = 999. IF (SYSMIS(K4Q23)) MedEmotion_16 = 99. IF K4Q23 = 2 MedEmotion_16 = 2. IF K4Q23 = 1 MedEmotion_16 = 1. IF K2Q31D = 1 MedEmotion_16 = 1. IF AUTISMMED = 1 MedEmotion_16 = 1. IF SC_AGE_YEARS < 3 MedEmotion_16 = 90. VARIABLE LABELS MedEmotion_16 "Indicator 2.9: Children who are taking medication for autism/ASD, ADHD, emotions, concentration or behavior, age 3-17 years". VALUE LABELS MedEmotion_16 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 0-2 years". MISSING VALUES MedEmotion_16(90,99). FORMATS MedEmotion_16(f2.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 3.1 | Children's health insurance status |
| Description | Is this child currently covered by any kind of health insurance or health coverage plan? |
| Survey Items Used | Survey instrument item number: for children 0-5 years: E1, E3; for children 6-11 years: E1, E3; for children 12-17 years: E1, E3; Variable in public use data file: CURRINS; K3Q04_R; CURRCOV |
| Denominator | Children age 0-17 years |
| Numerator | Children currently insured, Children currently not insured |
| Notes for Data-Users | |
| <p>This measure was derived using the CURRINS variable provided in the 2016 NSCH public use data file. CURRINS variable was constructed from the responses in K3Q04_R (whether the child was covered by any kind of health insurance during the past 12 months), CURRCOV (whether the child covered with any health insurance at the time of the survey) and type of insurance coverage. Children who had coverage for all the last 12 months (K3Q04_R=1) or currently insured (CURRCOV=1) were categorized as children who are currently insured. However, If child's health insurance coverage is reported to be ONLY Indian Health Service or health care sharing ministry, that child was considered as not having current health insurance even the response indicate that the child is currently insured.</p> | |
| Revisions in 2016 | |
| <p>The 2011/12 NSCH defined health insurance coverage as "health insurance, prepaid plans such as HMOs, or government plans such as Medicaid". In the 2016 NSCH, the current insurance question is asked among children who answered "Yes, but the child had a gap in coverage" or "No" to K3Q04_R: "During the past 12 months, was this child EVER covered by ANY kind of health insurance or health coverage plan?" followed by a question asks about the type of health insurance and insurance coverage plan. For more information about the changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE CURRINS (1=1) (2=2) (SYSMIS=99) into CurrIns_16. VARIABLE LABELS CurrIns_16 "Indicator 3.1: Health insurance status at time of survey". VALUE LABELS CurrIns_16 1 "Currently insured" 2 "Currently uninsured" 99 "Missing". MISSING VALUES CurrIns_16(99). FORMATS CurrIns_16(f4.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 3.2 | Consistency of insurance coverage |
| Description | Did this child have consistent health insurance coverage during the past 12 months? |
| Survey Items Used | Survey instrument item number: for children 0-5 years: E1; for children 6-11 years: E1; for children 12-17 years: E1 Variable in public use data file: INSGAP; K3Q04_R |
| Denominator | Children age 0-17 years |
| Numerator | Children who have had continuous health insurance coverage during the past 12 year; Children who did not have health insurance or had periods of no coverage during the past 12 months |
| Notes for Data-Users | |
| <p>This measure was derived using the INSGAP variable provided in the 2016 NSCH public use data file. INSGAP variable was constructed from the responses in K3Q04_R (whether the child was covered by any kind of health insurance during the past 12 months), CURRCOV (whether the child was covered with any health insurance at the time of the survey) and 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 health care sharing ministry.</p> | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, a question whether the child was currently insured was asked first. This was followed by a question about whether the child had periods with no insurance coverage. Children with gaps in their health insurance coverage were defined by combining responses to whether the child currently had health insurance coverage (K3Q01) and whether currently insured children had periods with no insurance (K3Q03) but did take into account the type of insurance. In the 2016 NSCH, those children with only Indian Health Service or health care sharing ministry were set to missing (considered not to be currently insured).</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre>COMPUTE InsGap_16 = 999. IF INSGAP = 1 InsGap_16 = 1. IF INSGAP = 2 or INSGAP = 3 InsGap_16 = 2. IF CURRINS = 2 InsGap_16 = 2. IF (SYSMIS(INSGAP)) InsGap_16 = 99. VARIABLE LABELS InsGap_16 "Indicator 3.2: Children who had consistent health insurance coverage during the past 12 months". VALUE LABELS InsGap_16 1 "Insured continuously all year" 2 "Child had a gap in coverage"</pre> | |

99 "Missing".
MISSING VALUES InsGap_16(99).
FORMATS InsGap_16(f4.0).
EXECUTE.

| | |
|--|---|
| Indicator 3.3 | Type of health insurance |
| Description | What type of health insurance coverage, if any, did the child have at the time of the survey? |
| Survey Items Used | Survey instrument item number for children 0-5 years: E4; for children 6-11 years: E4; for children 12-17 years: E4 Variable in public use data file: INSTYPE |
| Denominator | Children age 0-17 years |
| Numerator | Children with public health insurance; Children with private health insurance; Children with insurance coverage, type is unknown; Children with no current insurance coverage |
| Notes for Data-Users | |
| <p>This measure was derived 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". "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 are grouped together as "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". 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> | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, public insurance was defined as "Medicaid or the State Children's Health Insurance Program, SCHIP" -- and named the Medicaid and/or SCHIP programs within the state the child resided in. Children who were insured but did not have public insurance were coded as having private insurance coverage.</p> <p>In the 2016 NSCH, parents who indicated that their child is currently covered by any kind of health insurance/coverage were able to select the type of insurance from a list, with an open-ended field for "other insurance type". Responses to the open-ended field were recoded to "other public insurance", "other private insurance", "coverage through the Affordable Care Act" and a "religious health share". These recoded types of health insurance coverage were grouped into the appropriate health insurance categories.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE INSTYPE (SYSMIS=99) (else=copy) into instype_16. VARIABLE LABELS instype_16 "Indicator 3.3: Type of current health insurance". VALUE LABELS instype_16 1 "Public only" 2 "Private only " 3 "Public and private" </pre> | |

```
4 "Insured, type unknown"  
5 "Uninsured"  
99 "Missing".  
MISSING VALUES instype_16(99).  
FORMATS instype_16(f4.0).  
EXECUTE.
```

| | |
|---|--|
| Indicator 3.4 | Adequacy of current insurance |
| Description | Is this child's current insurance coverage usually/always adequate to meet his/her needs? |
| Survey Items Used | 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; Variables in public use data file: CURRINS; K3Q20; K3Q22; HOWMUCH; K3Q21B |
| Denominator | Children age 0-17 years who are currently insured |
| Numerator | Child's current insurance is adequate for child's needs; Child's current insurance is NOT adequate for child's needs |
| Notes for Data-Users | |
| <p>Five questions were used to create this measure: current health insurance coverage (CURRCOV); whether coverage is sufficient to meet the child's needs (K3Q20); how much they paid out-of-pocket for child's health care (HOWMUCH) and how often are these costs reasonable (K3Q21B); and whether insurance allows the child to see needed health care providers (K3Q22). 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.</p> | |
| Revisions in 2016 | |
| <p>The 2011/12 NSCH asked whether parents paid any money for their children's health care. The 2016 NSCH allows parents to report how much money they paid in categorical amounts. Then, for those parents who paid any amount out of pocket, they were asked how often the costs were reasonable. There were changes to the wording of two question. For more information about the changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K3Q20 (1=1) (2=2) (3 thru 4=3) (SYSMIS=99) into benefits_16. IF (SYSMIS(CURRINS)) benefits_16=99. IF CURRINS = 2 benefits_16=95. VARIABLE LABELS benefits_16 "Current insurance coverage meets child's health needs". VALUE LABELS benefits_16 1 "Always" 2 "Usually" 3 "Never/Sometimes" 99 "Missing" 95 "Uninsured". MISSING VALUES benefits_16 (95,99). FORMATS benefits_16 (f3.0). EXECUTE. RECODE K3Q22 </pre> | |

```

(1=1) (2=2) (3 thru 4=3) (SYSMIS=99) into allows_16.
IF (SYSMIS(CURRINS)) allows_16 = 99.
IF CURRINS = 2 allows_16=95.
VARIABLE LABELS allows_16 "Current insurance coverage allows child to see needed provider".
VALUE LABELS allows_16
1 "Always"
2 "Usually"
3 "Never/Sometimes"
99 "Missing"
95 "Uninsured".
MISSING VALUES allows_16 (95,99).
FORMATS allows_16 (f3.0).
EXECUTE.

COMPUTE expense_16 = 999.
IF K3Q21B = 1 expense_16 = 1.
IF K3Q21B = 2 expense_16 = 2.
IF (K3Q21B = 3 or K3Q21B = 4) expense_16 = 3.
IF (SYSMIS(K3Q21B)) expense_16=99.
IF HOWMUCH = 1 expense_16 = 0.
IF (SYSMIS(CURRINS)) expense_16 = 99.
IF CURRINS = 2 expense_16=95.
VARIABLE LABELS expense_16 "Current insurance coverage has reasonable out of pocket costs".
VALUE LABELS expense_16
0 'No out of pocket expenses'
1 "Always"
2 "Usually"
3 "Never/Sometimes"
99 "Missing"
95 "Uninsured".
MISSING VALUES expense_16 (95,99).
FORMATS expense_16 (f3.0).

MISSING VALUES benefits_16 allows_16 expense_16 (.).
COMPUTE InsAdeq_16=999.
IF (benefits_16 = 1 or benefits_16 = 2 or benefits_16 = 99) and (allows_16 = 1 or allows_16 = 2 or allows_16 = 99) and (expense_16 = 1 or expense_16 = 2 or expense_16 = 99) InsAdeq_16 = 1.
IF expense_16 = 0 InsAdeq_16 = 1.
IF benefits_16 = 3 or allows_16 = 3 or expense_16 = 3 InsAdeq_16 = 2.
IF benefits_16 = 99 and allows_16 = 99 and expense_16 = 99 InsAdeq_16 = 99.
IF CURRINS = 2 InsAdeq_16 = 95.
VARIABLE LABELS InsAdeq_16 "Indicator 3.4: Adequacy of current Insurance coverage".
VALUE LABELS InsAdeq_16
1 "Current insurance adequate for child's needs"
2 "Current insurance NOT adequate for child's needs"
99 "Missing to all questions"
95 "Uninsured".
MISSING VALUES InsAdeq_16(95,99).
FORMATS InsAdeq_16(f4.0).
EXECUTE.

```

| | |
|--|--|
| Indicator 3.4a | Adequate insurance |
| Description | Is this child adequately insured: current insurance is adequate and insured entire year during the past 12 months? |
| Survey Items Used | Survey instrument item number for children 0-5 years: E1,E3,E5,E6,E7,F1,F2; for children 6-11 years: E1,E3,E5,E6,E7, F1,F2; for children 12-17 years: E1,E3,E5,E6,E7, F1,F2 Variables in public use data file: INSGAP; CURRINS; K3Q20; K3Q22; HOWMUCH; K3Q21B |
| Denominator | Children age 0-17 years |
| Numerator | Children, age 0-17 years, whose insurance is adequate for child's needs; Children, age 0-17 years, whose current insurance is adequate for child's needs |
| Notes for Data-Users | |
| <p>“Adequacy of insurance” is defined as: 1) having continuous insurance in the past 12 months, and/or 2) having current insurance which is adequate for the child’s healthcare needs (indicator 3.4). The measure is only considered missing if both items are missing. Therefore, children with a valid, positive response to one item and the other item was missing are categorized as having adequate insurance.</p> <p>In the 2016 NSCH, survey item K3Q04_R asked whether the child was continuously insured during the past 12 months. If the child was not continuously insured, a question asked whether the child currently covered by any health insurance. The child’s current insurance was considered adequate when the following criteria were met: 1) the child currently has health insurance coverage, AND 2) benefits usually or always meet child’s needs, AND 3) the insurance usually or always allows the child to see needed providers, AND 4) the insurance either has no out-of-pocket expenses or out-of-pocket expenses are usually or always reasonable.</p> | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, this question asked whether families paid any money for their children's health care. The 2016 NSCH asked parents to report how much money they paid in categorical responses. The question then asked how often the costs were reasonable among those parents who paid any amount out-of-pocket. Additionally, in the 2016 NSCH, consistency of health insurance during the past 12 months is included in the scoring of the measure.</p> <p>Due to changes in the survey’s mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE insurance_16 = 1. IF (InsGap_16 = 1 or InsGap_16 = 99) and (InsAdeq_16 = 1 or InsAdeq_16 = 99) insurance_16 = 1. IF CurrIns_16 = 2 or InsGap_16 = 2 or InsAdeq_16 = 2 insurance_16 = 2. IF InsGap_16 = 99 and InsAdeq_16 = 99 insurance_16 = 99. VARIABLE LABELS insurance_16 "Indicator 3.4a: Children who have adequate insurance and were covered entire year". VALUE LABELS insurance_16 1 "Have adequate insurance covered entire year" </pre> | |

Child and Family Health Measures – Health Insurance Coverage

2 "Do not have adequate insurance"
99 "Missing to both".
MISSING VALUES insurance_16 ().
FORMATS insurance_16 (f2.0).

| | |
|--|---|
| Indicator 3.5 | Insurance coverage for mental health care, age 3-17 years |
| Description | 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? |
| Survey Items Used | Survey instrument item number: for children 0-5 years: E7; for children 6-11 years: E7; for children 12-17 years: E7 Variable in public use data file: MENBEVCOV |
| Denominator | Children age 3-17 years who used mental or behavioral health services |
| Numerator | Children whose health insurance always offers benefits or covers services that meet their mental or behavioral health needs; Children whose health insurance usually offers benefits or covers services that meet their mental or behavioral health needs; Children whose health insurance sometimes/never offers benefits or covers services that meet their mental or behavioral health needs |
| Notes for Data-Users | |
| This measure was derived from a single item. | |
| Revisions in 2016 | |
| This item is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE MENBEVCOV (1=1) (2=2) (3 thru 4=3) (5=96) (SYSMIS=99) into InsMentH_16. IF CURRINS = 2 InsMentH_16 = 96. IF SC_AGE_YEARS < 3 InsMentH_16 = 95. VARIABLE LABELS InsMentH_16 "Indicator 3.5: Insurance coverage for mental/behavioral health care, age 3-17 years who are insured and recieved mental health care". VALUE LABELS InsMentH_16 1 "Always" 2 "Usually" 3 "Sometimes/Never" 96 "Did not receive mental health services/Uninsured at time of the survey" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES InsMentH_16(95,96,99). FORMATS InsMentH_16(f4.0). EXECUTE. </pre> | |

| | |
|--|--|
| Indicator 3.6 | Out-of-pocket cost for health care |
| Description | Including co-pays and amounts from Health Savings Accounts (HSA) and Flexible Spending Accounts (FSA), how much money did you pay for this child's medical, health, dental, and vision care during the past 12 months? |
| Survey Items Used | Survey instrument item number for children 0-5 years: F1; for children 6-11 years: F1; for children 12-17 years: F1 Variable in public use data file: HOWMUCH |
| Denominator | Children age 0-17 years |
| Numerator | Children whose family did not have medical or health care expenses or paid less than \$250 for their children's health care; Children whose family paid \$250 - \$499 for their children's health care; Children whose family paid \$500 - \$999 for their children's health care; Children whose family paid \$1000-\$5000 for their children's health care; Children whose family paid more than \$5000 for their children's health care |
| Notes for Data-Users | |
| 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. | |
| Revisions in 2016 | |
| <p>This question was asked in the 2009/10 National Survey of Children with Special Health Care Needs (NS-CSHCN). There were changes to the wording of this question. For more information about the changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE HOWMUCH (1 thru 2=1) (3=2) (4=3) (5=4) (6=5) (SYSMIS=99) into OutOfPckt_16. VARIABLE LABELS OutOfPckt_16 "Indicator 3.6: Out-of-pocket payment for child's health care including medical, dental and vision care during the past 12 months". VALUE LABELS OutOfPckt_16 1 "No medical or health care expenses or less than \$250" 2 "\$250 - \$499" 3 "\$500 - \$999" 4 "\$1000 - \$5000" 5 "More than \$5000" 99 "Missing". MISSING VALUES OutOfPckt_16(99). FORMATS OutOfPckt_16(f4.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 4.1 | Medical care visit |
| Description | During the past 12 months, did this child see a doctor, nurse, or other health care professional for sick-child care, well-child check-ups, physical exams, hospitalizations or any other kind of medical care? |
| Survey Items Used | Survey instrument item number: for children 0-5 years: C1; for children 6-11 years: C1; for children 12-17 years: C1 Variable in public use data file: S4Q01 |
| Denominator | Children age 0-17 years |
| Numerator | Children who saw a doctor, nurse, or other health care professional for any kind of medical care in the past 12 months; Children who did not see a doctor, nurse, or other health care professional for any kind of medical care in the past 12 months |
| Notes for Data-Users | |
| This measure was derived from a single item. | |
| Revisions in 2016 | |
| There were changes to the wording of the question. For more information about the wording changes, click here . The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE S4Q01 (SYSMIS=99) (else=copy) into MedCare_16. VARIABLE LABELS MedCare_16 "Indicator 4.1: Children who received any type of medical care during the past 12 months". VALUE LABELS MedCare_16 1 "Received medical care" 2 "Did not receive any medical care" 99 "Missing". MISSING VALUES MedCare_16(99). FORMATS MedCare_16(f2.0). EXECUTE.</pre> | |

| | |
|---|--|
| Indicator 4.1a | Preventive medical visit |
| Description | During the past 12 months, how many times did this child visit a doctor, nurse, or other health care professional to receive a preventive check-up? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C2, C1; for children 6-11 years: C2, C1; for children 12-17 years: C2, C1 Variable in public use data file: S4Q01; K4Q20R |
| Denominator | Children age 0-17 years |
| Numerator | Children who had one or more preventive medical visits in the past 12 months; Children who did not have preventive medical visits during past 12 months |
| Notes for Data-Users | |
| N/A | |
| Revisions in 2016 | |
| <p>There were changes to the wording of the question. The 2011/12 NSCH asked parents to report the number of preventive medical care visits during the past 12 months, and the response was reported as a continuous number. Response options were reported as categorical (No visit, 1 visit or 2 or more visits) in the 2016 NSCH. For more information about the changes, click here.</p> <p>The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE PrevMed_16 = 999. IF K4Q20R=2 or K4Q20R = 3 PrevMed_16 = 1. IF K4Q20R = 1 PrevMed_16 = 2. IF (SYSMIS(K4Q20R)) PrevMed_16 = 99. IF S4Q01 = 2 PrevMed_16 = 2. IF (SYSMIS(S4Q01)) PrevMed_16 = 99. VARIABLE LABELS PrevMed_16 "Indicator 4.1a: Children who had one or more preventive medical care visits during past 12 months". VALUE LABELS PrevMed_16 1 "One or more preventive visits" 2 "No preventive care visits" 99 "Missing". MISSING VALUES PrevMed_16(99). FORMATS PrevMed_16(f2.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 4.1b | Time with doctor during the preventive medical visit |
| Description | 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? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C3; for children 6-11 years: C3; for children 12-17 years: C3 Variable in public use data file: DOCROOM |
| Denominator | Children age 0-17 years who had a preventive medical visit in the past 12 months |
| Numerator | Children who had preventive visits and doctor examined them less than 10 minutes; Children who had preventive visits and doctor examined them less 10-20 minutes; Children who had preventive visits and doctor examined them more than 20 minutes |
| Notes for Data-Users | |
| This survey question was only asked among children who had a preventive care visit in the past 12 months. | |
| Revisions in 2016 | |
| This item is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE VisitTime_16 = 999. IF DOCROOM = 1 VisitTime_16 = 1. IF DOCROOM = 2 VisitTime_16 = 2. IF DOCROOM = 3 VisitTime_16 = 3. IF (SYSMIS(DOCROOM)) VisitTime_16 = 99. IF PrevMed_16 = 2 VisitTime_16 = 95. IF PrevMed_16 = 99 VisitTime_16 = 99. VARIABLE LABELS VisitTime_16 "Indicator 4.1b: Time with doctor during last preventive check-up". VALUE LABELS VisitTime_16 1 "Less than 10 minutes" 2 "10-20 minutes" 3 "More than 20 minutes" 95 "No preventive care visits during last 12 months" 99 "Missing". MISSING VALUES VisitTime_16(95,99). EXECUTE. </pre> | |

| | |
|---|---|
| Indicator 4.1c | Doctor spoke with child privately, age 12-17 years |
| Description | At his or her last preventive check-up, did this child have a chance to speak with a doctor or other health care provider privately, without you or another adult in the room? |
| Survey Items Used | Survey instrument item number for children 12-17 years: C4 Variable in public use data file: DOCPRIVATE |
| Denominator | Children age 12-17 years who had a preventive medical visit in the past 12 months |
| Numerator | Children who had preventive visits and doctor spoke with them privately without an adult in the rooms; Children who had preventive visits and doctor spoke with them privately without an adult in the room |
| Notes for Data-Users | |
| This survey question was only asked among children 12-17 years who had a preventive care visit in the past 12 months. | |
| Revisions in 2016 | |
| This item is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE PrivateTalk_16 = 999. IF DOCPRIVATE = 1 PrivateTalk_16 = 1. IF DOCPRIVATE = 2 PrivateTalk_16 = 2. IF SYSMIS(DOCPRIVATE) PrivateTalk_16 = 99. IF PrevMed_16 = 2 PrivateTalk_16 = 95. IF PrevMed_16 = 99 PrivateTalk_16 = 99. IF SC_AGE_YEARS < 12 PrivateTalk_16 = 90. VARIABLE LABELS PrivateTalk_16 "Indicator 4.1c: Children whose doctors spoke with them privately without an adult in the room during last preventive check-up, age 12-17 years". VALUE LABELS PrivateTalk_16 1 "Yes" 2 "No" 99 "Missing" 95 "No preventive care visits in past 12 months" 90 "Children age 0-11 years". MISSING VALUES PrivateTalk_16(90,95,99). FORMATS PrivateTalk_16(f2.0). EXECUTE. </pre> | |

| | |
|--|---|
| Indicator 4.2 | Dentist visit, age 1-17 years |
| Description | 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? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C15; for children 6-11 years: C13; for children 12-17 years: C14 Variable in public use data file: K4Q30_R |
| Denominator | Children age 1-17 years |
| Numerator | Children who saw a dentist or other oral health care provider in the past 12 months; Children who did not see a dentist or other oral health care provider in the past 12 months |
| Notes for Data-Users | |
| Children younger than one year of age were not included in this measure. This measure combines "dentist" and "other oral health care providers" responses into "received dental care". | |
| Revisions in 2016 | |
| There were changes to the wording of the question. For more information about the changes, click here . The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE DentCare_16 = 999. IF K4Q30_R = 1 or K4Q30_R= 2 DentCare_16 = 1. IF K4Q30_R = 3 DentCare_16 = 2. IF (SYSMIS(K4Q30_R)) DentCare_16 = 99. IF SC_AGE_YEARS < 1 DentCare_16 = 95. VARIABLE LABELS DentCare_16 "Indicator 4.2: Children who received any type of dental care during the past 12 months, age 1-17 years". VALUE LABELS DentCare_16 1 "Saw dentist and/or other oral health care provider" 2 "No dental or oral health care visits" 99 "Missing" 95 "Children less than 1 year old". MISSING VALUES DentCare_16(95,99). FORMATS DentCare_16(f2.0). EXECUTE. </pre> | |

| | |
|--|--|
| Indicator 4.2a | Preventive dental care, age 1-17 years |
| Description | 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? |
| Survey Items Used | Survey instrument item number: for children 0-5 years: C15, C16; for children 6-11 years: C13, C14; for children 12-17 years: C14, C15 Variable in public use file: K4Q30_R; DENTISTVISIT |
| Denominator | Children age 1-17 years |
| Numerator | Children who did not have preventive dental visits during the past 12 months; Children who had one or more preventive dental visits in the past 12 months |
| Notes for Data-Users | |
| Children younger than one year of age are not included in this measure. | |
| Revisions in 2016 | |
| <p>The 2011/12 NSCH asked parents to report the number of preventive dental visits during the past 12 months, and the response was reported as a continuous number. Response options were reported as categorical (No visit, 1 visit or 2 or more visits) in the 2016 NSCH. For more information about the changes, click here.</p> <p>The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE PrevDent_16 = 999. IF DENTISTVISIT = 2 or DENTISTVISIT = 3 PrevDent_16 = 1. IF DENTISTVISIT = 1 PrevDent_16 = 2. IF (SYSMIS(DENTISTVISIT)) PrevDent_16 = 99. IF K4Q30_R = 3 PrevDent_16 = 2. IF (SYSMIS(K4Q30_R)) PrevDent_16 = 99. IF SC_AGE_YEARS < 1 PrevDent_16 = 95. VARIABLE LABELS PrevDent_16 "Indicator 4.2a: Children who had one or more preventive dental care visits during the past 12 months, age 1-17 years". VALUE LABELS PrevDent_16 1 "One or more dental preventive visits" 2 "No preventive dental visits" 99 "Missing" 95 "Children less than 1 year old". MISSING VALUES PrevDent_16(95,99). FORMATS PrevDent_16(f2.0). EXECUTE. </pre> | |

| | |
|--|---|
| Indicator 4.3 | Received both preventive medical and dental care |
| Description | During the past 12 months, did this child receive both routine preventive medical and dental care visits? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C2,C1,C15,C16; for children 6-11 years: C1,C2,C13,C14; for children 12-17 years: C1,C2,C14,C15; Variables in public use data file: S4Q01; K4Q20R; K4Q30_R; DENTISTVISIT |
| Denominator | Children age 0-17 years |
| Numerator | Children who did not receive both medical and dental preventive care in the past 12 months; Children who received both medical and dental preventive care in the past 12 months |
| Notes for Data-Users | |
| <p>This measure is a composite measure, combining the parents' response to their child's receipt of preventive medical care and preventive dental care. Children age 1-17 must meet criteria for both medical and dental preventive care. Children under 1, who were not asked the questions about dental care, qualify based only on preventive medical care.</p> | |
| Revisions in 2016 | |
| <p>There were minor changes to the wording of the questions. For more information about the changes click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE MedDentCare_16 = 999. IF PrevMed_16 = 1 and (PrevDent_16=1 or PrevDent_16=95) MedDentCare_16 = 1. IF PrevMed_16 = 2 or PrevDent_16 = 2 MedDentCare_16 = 2. IF PrevMed_16 = 99 or PrevDent_16 = 99 MedDentCare_16 = 99. VARIABLE LABELS MedDentCare_16 "Indicator 4.3: Children received both preventive medical and dental care visits in past 12 months ". VALUE LABELS MedDentCare_16 1 "Received preventive medical and dental care" 2 "Did not receive preventive medical and dental care" 99 "Missing to any". MISSING VALUES MedDentCare_16(99). FORMATS MedDentCare_16(f2.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 4.4 | Received mental health care, age 3-17 years |
| Description | During the past 12 months, has this child received any treatment or counseling from a mental health professional? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C18; for children 6-11 years: C16; for children 12-17 years: C17 Variable in public use data file: K4Q22_R |
| Denominator | Children age 3-17 years |
| Numerator | Children who received treatment or counseling from a mental health professional during the past 12 months; Children who did not receive needed treatment or counseling from a mental health professional during the past 12 months; Children who did not receive and did not need treatment or counseling from a mental health professional, during the past 12 months |
| Notes for Data-Users | |
| This measure is derived from a single item which asks about whether the child received any treatment or counseling from a medical health professional (K4Q22). | |
| Revisions in 2016 | |
| In the 2011/12 NSCH, this question was asked among children 2-17 years, and the denominator of this measure was children age 2-17 who were found to have an emotional, developmental, or behavioral problem from the CSHCN Screener. The 2016 NSCH question was asked among all children 0-17 years, and the “No” response from the 2011/12 NSCH was broken down in 2 responses in the 2016 NSCH: “No, but needed to see a mental health professional” and “No, did not need to see a mental health professional”. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K4Q22_R (SYSMIS=99) (else=copy) into MentHCare_16. IF SC_AGE_YEARS < 3 MentHCare_16 = 95. VARIABLE LABELS MentHCare_16 "Indicator 4.4: Children who received needed treatment or counseling from a mental health professional during the past 12 months, age 3-17 years". VALUE LABELS MentHCare_16 1 "Received mental health care" 2 "Did not receive mental health care, but needed" 3 "Did not receive mental health care, DID NOT need" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES MentHCare_16(95,99). FORMATS MentHCare_16(f2.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 4.4a | Problems obtaining mental health care, age 3-17 years |
| Description | How much of a problem was it to get the mental health treatment or counseling that this child needed? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C19; for children 6-11 years: C17; for children 12-17 years: C18 Variable in public use data file: K4Q22_R ; TREATNEED |
| Denominator | Children age 3-17 years who needed any mental health treatment or counseling |
| Numerator | Children who needed mental health treatment or counseling and had no problem to get the care; Children who needed mental health treatment or counseling and had a small problem; Children who needed mental health treatment or counseling and had a big problem |
| Notes for Data-Users | |
| The denominator of this measure is based on the response to the question which asks whether the child received a specialist care (K4Q22_R). The 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. | |
| Revisions in 2016 | |
| This item is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <p>RECODE TREATNEED (1=1) (2 thru 3=2) (SYSMIS=99) into MentHProb_16. IF K4Q22_R = 3 MentHProb_16 = 95. IF SYSMIS(K4Q22_R) MentHProb_16 = 99. IF SC_AGE_YEARS < 3 MentHProb_16 = 96. VARIABLE LABELS MentHProb_16 "Indicator 4.4a: Problems obtaining mental health care among those who received or needed care, age 3-17 years". VALUE LABELS MentHProb_16 1 "Received or needed mental health care and did NOT have problem getting it" 2 "Received or needed mental health care but had a small or big problem getting it" 99 "Missing" 95 "Did not need to see a mental health professional" 96 "Children age 0-2 years". MISSING VALUES MentHProb_16(95,96,99). FORMATS MentHProb_16(f2.0). EXECUTE.</p> | |

| | |
|--|---|
| Indicator 4.5 | Received care from a specialist doctor |
| Description | During the past 12 months, did this child see a specialist other than a mental health professional? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C21; for children 6-11 years: C19; for children 12-17 years: C20; Variable in public use data file: K4Q24_R |
| Denominator | Children age 0-17 years |
| Numerator | Children who received care from a specialist during the past 12 months; Children who did not receive care from a specialist during the past 12 months |
| Notes for Data-Users | |
| This measure is derived from a single item which asks whether the child received any treatment or counseling from a medical health professional (K4Q24_R). | |
| Revisions in 2016 | |
| <p>The “No” response from the 2011/12 NSCH was broken down in 2 responses in the 2016 NSCH: “No, but needed to see a specialist” and “No, did not need to see a specialist”.</p> <p>Due to changes in the survey’s mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K4Q24_R (SYSMIS=99) (else=copy) into SpecCare_16. VARIABLE LABELS SpecCare_16 "Indicator 4.5: Received care from a specialist doctor other than a mental health professional during the past 12 months". VALUE LABELS SpecCare_16 1 "Received care from a specialist" 2 "Did not receive care from a specialist, but needed" 3 "Did not receive care from a specialist, DID NOT need" 99 "Missing". MISSING VALUES SpecCare_16(99). FORMATS SpecCare_16(f2.0). EXECUTE. </pre> | |

| | |
|--|--|
| Indicator 4.5a | Problems obtaining specialist care |
| Description | How much of a problem was it to get the specialist care that this child needed? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C21,C22; for children 6-11 years: C19,C20; for children 12-17 years: C20,C21 Variable in public use data file: K4Q24_R; K4Q26 |
| Denominator | Children age 0-17 years |
| Numerator | Children who received or needed specialist care and did NOT have problem getting it; Children who received or needed specialist care but had a problem getting it |
| Notes for Data-Users | |
| The denominator of this measure is based on the response to the question which asks whether the child received a specialist care (K4Q24_R). The children whose response was "Did not receive specialist care, the child did not need to see a specialist" are not included in the denominator. | |
| Revisions in 2016 | |
| This item is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE SpCareProb_16 = 999. IF K4Q26 = 1 SpCareProb_16 = 1. IF K4Q26 = 2 or K4Q26 = 3 SpCareProb_16 = 2. IF (SYSMIS(K4Q26)) SpCareProb_16 = 99. IF K4Q24_R = 3 SpCareProb_16 = 95. IF (SYSMIS(K4Q24_R)) SpCareProb_16 = 99. VARIABLE LABELS SpCareProb_16 "Indicator 4.5a: Problem obtaining specialist care among those who received specialist care during the past 12 months". VALUE LABELS SpCareProb_16 1 "Received or needed specialist care and did NOT have problem getting it" 2 "Received or needed specialist care but had a small or big problem getting it" 99 "Missing" 95 "Did not need care from a specialist". MISSING VALUES SpCareProb_16(95,99). FORMATS SpCareProb_16(f2.0). EXECUTE. </pre> | |

| | |
|--|--|
| Indicator 4.6 | Vision test |
| Description | Has this child had his or her vision tested with pictures, shapes, or letters ever (0-5 years) or during the past 2 years (6-17 years)? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C13; for children 6-11 years: C11; for children 12-17 years: C12 Variable name in public use data file: K4Q31_R |
| Denominator | Children age 0-17 years |
| Numerator | Children who have had their vision tested in the past 12 months; Children who have not had their vision tested in the past 12 months |
| Notes for Data-Users | |
| The reference period for the question is different depending on the child's age group. For children age 0-5 years, this question reads, "Has this child ever had his or her vision tested with pictures, shapes, or letters?" For children age 6-17 years, it reads, "During the past 2 years, has this child had his or her vision tested with pictures, shapes, or letters?" | |
| Revisions in 2016 | |
| The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K4Q31_R (SYSMIS=99) (else=copy) into VisnTest_16. VARIABLE LABELS VisnTest_16 "Indicator 4.6: Children who received vision screening ever (0-5 years)/ during the past 2 years (6-17 years)". VALUE LABELS VisnTest_16 1 "Received vision screening" 2 "Did not receive vision screening" 99 "Missing". MISSING VALUES VisnTest_16(99). FORMATS VisnTest_16(f4.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 4.7 | Hospital emergency room visit |
| Description | During the past 12 months, how many times did this child visit a hospital emergency room? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C28; for children 6-11 years: C26; for children 12-17 years: C27 Variable in public use data file: HOSPITALER |
| Denominator | Children age 0-17 years |
| Numerator | Children who had no hospital emergency room visit; Children who had 1 hospital emergency room visit; Children who had 2 or more hospital emergency room visit |
| Notes for Data-Users | |
| This measure was derived from a single item. | |
| Revisions in 2016 | |
| <p>This question was asked in the 2009/10 National Survey of Children with Special Health Care Needs (NS-CSHCN). The 2009/10 NS-CSHCN asked parents to report the number of hospital emergency room visits during the past 12 months/since birth, and the response was reported as a continuous number. Response options were reported as categorical (No visit, 1 visit or 2 or more visits) in the 2016 NSCH. For more information about the change click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE HOSPITALER (SYSMIS=99) (else=copy) into ERVisit_16. VARIABLE LABELS ERVisit_16 "Indicator 4.7: Number of hospital emergency room visits for any health reason in the past 12 months". VALUE LABELS ERVisit_16 1 "No visits" 2 "1 visit" 3 "2 or more visits" 99 "Missing". MISSING VALUES ERVisit_16(99). FORMATS ERVisit_16(f2.0). EXECUTE. </pre> | |

| | |
|---|---|
| Indicator 4.8 | Alternative health care or treatment |
| Description | During the past 12 months, did this child use any type of alternative health care or treatment? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C23; for children 6-11 years: C21; for children 12-17 years: C22 Variable in public use data file: ALTHEALTH |
| Denominator | Children age 0-17 years |
| Numerator | Children used any type of alternative health care or treatment; Children did not use any type of alternative health care or treatment |
| Notes for Data-Users | |
| This measure was derived from a single item. | |
| Revisions in 2016 | |
| <p>This question was asked in the 2009/10 National Survey of Children with Special Health Care Needs (NS-CSHCN). There were wording changes to this question. For more information about the changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE ALTHEALTH (SYSMIS=99) (else=copy) into AlterHC_16. VARIABLE LABELS AlterHC_16 "Indicator 4.8: Use of alternative health care or treatment during the past 12 months". VALUE LABELS AlterHC_16 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES AlterHC_16(99). FORMATS AlterHC_16(f2.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 4.9 | Doctor asked about parental concerns, age 0-5 years |
| Description | 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? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C7; Variable in public use data file: K6Q10 |
| Denominator | Children age 0-5 years who visited or used a health service in the past 12 months |
| Numerator | Children who had doctor visit but parents were not asked about concerns; Children who had doctor visit during which parents were asked about concerns |
| Notes for Data-Users | |
| <p>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.</p> <p>In the 2011/12 NSCH, children aged 0-5 years were not asked this question if they did not receive any of the five services (NUMB_SERVICES=0): any medical visits (S4Q01) preventive dental visits (K4Q30), saw a mental health professional (K4Q22), saw a specialist for care (K4Q24), or needed to see a specialist (K4Q25) in the past 12 months. In the 2016, 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 the four services: medical care, dental care, mental health care or a specialist care in the past 12 months.</p> | |
| Revisions in 2016 | |
| <p>The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K6Q10 (SYSMIS=99) (else=copy) into DrAskConc_16. IF Ct1NumbSer_16 < 1 or Ct1NumbSer_16 = 99 DrAskConc_16=95. IF SC_AGE_YEARS > 5 DrAskConc_16 = 90. VARIABLE LABELS DrAskConc_16 "Indicator 4.9: Doctor asked about parental concerns about the child's learning, development, or behavior, age 0-5 years". VALUE LABELS DrAskConc_16 1 "Yes" 2 "No" 99 "Missing" 95 "Did not use any of 4 services" 90 "Children age 6-17 years". MISSING VALUES DrAskConc_16(90,95,99). EXECUTE. </pre> | |

| | |
|--|---|
| Indicator 4.10 | Developmental screening, age 9-35 months |
| Description | Did this child receive a developmental screening using a parent-completed screening tool? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C8 Variable in public use data file: K6Q12; K6Q13A; K6Q13B; K6Q14A; K6Q14B |
| Denominator | Children age 9-35 months |
| Numerator | Children whose parent did not complete a standardized developmental screening tool; Children whose parent completed standardized developmental screening tool |
| Notes for Data-Users | |
| <p>The AAP recommends that all children should be screened for developmental delays during their regular well-check visits at 9, 18, 24 or 30 months. The measure uses age-appropriate questions to verify whether young children received developmental, behavioral and social screening using a parent-reported, standardized screening tool or instrument.</p> <p>Parents of children between 9 months and 5 years old were asked the 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).</p> | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, developmental screening questions were asked among children 10 months to 71 months (5 years) who received one or more types of services: medical, dental, mental health care or received/needed a specialist care (NUMB_SERVICES>0). In the 2016 NSCH, these questions were asked among children 9-71 months. However, the denominator of this measure changed to all children 9-35 months to align with the AAP recommendation. The measure is considered missing if both types of contents are missing.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE both_9to23 = 999. IF K6Q13A = 2 or K6Q13B = 2 both_9to23 = 2. IF (K6Q13A = 1 or (SYSMIS(K6Q13A))) and (K6Q13B = 1 or (SYSMIS(K6Q13B))) both_9to23 = 1. IF (SYSMIS(K6Q13A)) and (SYSMIS(K6Q13B)) both_9to23= 99. IF K6Q12 = 2 both_9to23 = 2. IF SC_AGE_LT9 = 1 both_9to23= 95. IF SC_AGE_YEARS > 1 and SC_AGE_YEARS < 6 both_9to23 = 95. IF SC_AGE_YEARS > 5 both_9to23= 90. VARIABLE LABELS both_9to23 "Yes/screening occurred group -- ages 9-23 months". VALUE LABELS both_9to23 1 "Yes to both types or Yes to one and Missing to another type of content" </pre> | |

```

2 "No to at least one type of content"
99 "Missing to both types of content"
95 "Children age 0-8 months or 2-5 years"
90 "Children age 6-17 years".
EXECUTE.

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

COMPUTE DevScrnnng_16 = 999.
IF both_9to23 = 1 or both_24to35 = 1 DevScrnnng_16 = 1.
IF K6Q12 = 2 DevScrnnng_16 = 2.
IF both_9to23 = 2 or both_24to35 = 2 DevScrnnng_16 = 2.
IF both_9to23 = 99 or both_24to35 = 99 DevScrnnng_16 = 99.
IF (SYSMIS(K6Q12)) DevScrnnng_16 = 99.
IF SC_AGE_LT9 = 1 or (SC_AGE_YEARS>2 and SC_AGE_YEARS<6) DevScrnnng_16 = 95.
IF SC_AGE_YEARS > 5 DevScrnnng_16 = 90.
VARIABLE LABELS DevScrnnng_16 "Indicator 4.10: Children who received a developmental screening
using a parent-completed screening tool, age 9-35 months".
VALUE LABELS DevScrnnng_16
1 "Parent completed developmental screening"
2 "Parent did not complete developmental screening"
99 "Missing"
90 "Children age 6-17 years"
95 "Children age 0-8 months or 3-5 years".
MISSING VALUES DevScrnnng_16(90,95,99).
EXECUTE.

```

| | |
|--|--|
| Indicator 4.11 | Special services for developmental needs |
| Description | Has this child ever received special services to meet his or her developmental needs such as speech, occupational, or behavioral therapy? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C32, C34; for children 6-11 years: C30, C32; for children 12-17 years: C31, c33 Variable in public use data file: K4Q36 ; K4Q38 |
| Denominator | Children age 0-17 years |
| Numerator | Children who currently receive special services to meet child's developmental needs; Children do not currently receive special services to meet child's developmental needs |
| Notes for Data-Users | |
| N/A | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, this question was not asked if the child had never been diagnosed with ASD or a developmental delay. There were changes to the wording of the question. For more information about the question changes click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE SpecServ_16 = 999. IF K4Q38 = 1 SpecServ_16 = 1. IF K4Q38 = 2 SpecServ_16 = 2. IF (SYSMIS(K4Q38)) SpecServ_16 = 99. IF K4Q36 = 2 SpecServ_16 = 2. IF (SYSMIS(K4Q36)) SpecServ_16 = 99. VARIABLE LABELS SpecServ_16 "Indicator 4.11: Children currently receive special services to meet child's developmental needs such as speech, occupational or behavioral therapy". VALUE LABELS SpecServ_16 1 "Currently receive services" 2 "Do not currently receive services" 99 "Missing". MISSING VALUES SpecServ_16(99). FORMATS SpecServ_16(f2.0). EXECUTE. </pre> | |

| | |
|---|---|
| Indicator 4.11a | Age started receiving special services for developmental needs |
| Description | How old was this child, in years, when he or she began receiving special services? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C33; for children 6-11 years: C31; for children 12-17 years: C32 Variable in public use data file: K4Q37 |
| Denominator | Children age 0-17 years who ever received special services |
| Numerator | Children who received special services when they were 2 years or younger years old; Children who received special services when they were 3-5 years old; Children who received special services when they were 6 years or older |
| Notes for Data-Users | |
| This question was only asked among children who ever received special services to meet their developmental needs. | |
| Revisions in 2016 | |
| In the 2011/12 NSCH, this question was not asked if the child had never been diagnosed with ASD or a developmental delay. Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| RECODE K4Q37 (0 thru 2=1) (3 thru 5=2) (6 thru 17=3) (SYSMIS=99) into SpSerAge_16. IF (SYSMIS(K4Q37)) SpSerAge_16 = 99. IF K4Q36 = 2 SpSerAge_16 = 0. IF (SYSMIS(K4Q36)) SpSerAge_16 = 99. VARIABLE LABELS SpSerAge_16 "Indicator 4.11a: Age start receiving special services to meet child's developmental needs such as speech, occupational or behavioral therapy". VALUE LABELS SpSerAge_16 0 "Never received the services" 1 "At age less than 3 years old" 2 "At age 3-5 years old" 3 "At age 6-17 years old" 99 "Missing". MISSING VALUES SpSerAge_16(0,99). FORMATS SpSerAge_16(f2.0). EXECUTE. | |

| | |
|---|---|
| Indicator 4.12 | Medical home |
| Description | Did this child receive coordinated, ongoing, comprehensive care within a medical home? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C9,C10, D1-D12; for children 6-11 years: C7,C8,D1-D12; for children 12-17 years: C8,C9, D1-D12 Variables in public use data file: K4Q01; K4Q02_R; USUALGO; USUALSICK; K4Q04; K5Q10; K5Q11; K5Q40; K5Q41; K5Q42; K5Q43; K5Q44; K5Q20_R; K5Q21; K5Q22; K5Q30; K5Q31_R; K5Q32 |
| Denominator | Children age 0-17 years |
| Numerator | Children whose health care does not meet Medical Home criteria; Children whose health care meets Medical Home criteria |
| Notes for Data-Users | |
| <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.</p> <p>In the 2016 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"> - Personal doctor or nurse - Usual source for sick care - Family-centered care - Problems getting needed referrals - Effective Care Coordination when needed. <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. In addition, 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.</p> <p>Further information about the Medical Home concept and measurement is available on the Data Resource Center Medical Home portal, and on the AAP Medical Home web page. The medical home manual developed by the CAHMI is available on the DRC website.</p> | |
| Revisions in 2016 | |
| <p>There are a few changes to the Medical Home composite measure compared to the 2011/12 NSCH:</p> <p>(1) Usual source for care subcomponent: Even though the 2016 NSCH now asks about a usual source for preventive care, this subcomponent still only includes the usual source for sick care item. Additionally, in the 2016 NSCH, the response options for the follow up item about the type of places child usually goes for sick care do not include "Friend/Relative", "Mexico/Other locations out of US", and "Does not go to one place most often".</p> <p>(2) Care coordination subcomponent: In the 2011/12 NSCH, the care coordination component was measured among all children who received more than one type of service: medical, dental, mental health care or received/needed a specialist care (NUMB_SERVICES>1). In the 2016 NSCH, the number of</p> | |

children who needed care coordination was defined based on the parent's response to the question: "Does anyone helped you to arrange or coordinate care among different doctors or services that this child uses?". If the parent responded, "Did not see more than one health care provider in past 12 months" to the question (K5Q20_R), it was assumed the child did not need care coordination.

(3) In the 2011/12 NSCH, when any component of medical home was missing, the entire composite medical home measure was considered missing. In the NSCH 2016, the composite medical home measure is only considered missing if all components are missing. Therefore, children with a valid, positive response to at least one component and the remainder of the components were missing or legitimately skipped are categorized as having a medical home. For more information about the changes, [click here](#).

Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.

SPSS Syntax and Annotation

****Indicator 4.12a: Medical Home Component: Personal doctor or nurse**

```
COMPUTE PerDrNs_16 = 999.
IF K4Q04_R = 1 or K4Q04_R = 2 PerDrNs_16 = 1.
IF K4Q04_R = 3 PerDrNs_16 = 2.
IF (SYSMIS(K4Q04_R)) PerDrNs_16 = 99.
VARIABLE LABELS PerDrNs_16 "Indicator 4.12a: Medical Home Component: Children with a personal
doctor or nurse".
VALUE LABELS PerDrNs_16
1 "Have at least one personal doctor or nurse"
2 "Do not have a personal doctor or nurse"
99 "Missing".
MISSING VALUES PerDrNs_16(99).
FORMATS PerDrNs_16(f4.0).
```

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

```
COMPUTE UsualSck_16 = 999.
IF (SYSMIS(K4Q01)) or (SYSMIS(K4Q02_R)) UsualSck_16 = 99.
IF K4Q01 = 1 and (K4Q02_R=1 or K4Q02_R=3 or K4Q02_R=4 or K4Q02_R=5 or K4Q02_R=6 or
K4Q02_R=7) UsualSck_16 = 1.
IF K4Q01 = 2 or K4Q02_R = 2 UsualSck_16 = 2.
VARIABLE LABELS UsualSck_16 "Usual sources for sick care".
VALUE LABELS UsualSck_16
1 "Have usual sources for sick care"
2 "Do not have usual sources for sick care"
99 "Missing".
```

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

```
COMPUTE time_16 = 999.
IF (SYSMIS(K5Q40)) time_16 = 99.
IF S4Q01 = 2 time_16 = 0.
IF K5Q40 = 3 or K5Q40 = 4 time_16 = 3.
IF K5Q40 = 2 time_16 = 2.
IF K5Q40 = 1 time_16 = 1.
VARIABLE LABELS time_16 "Doctors spent enough time with children".
```

```

VALUE LABELS time_16
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES time_16(99).

COMPUTE listen_16 = 999.
IF (SYSMIS(K5Q41)) listen_16 = 99.
IF S4Q01 = 2 listen_16 = 0.
IF K5Q41 = 3 or K5Q41 = 4 listen_16 = 3.
IF K5Q41 = 2 listen_16 = 2.
IF K5Q41 = 1 listen_16 = 1.
VARIABLE LABELS listen_16 "Doctors listened carefully to children's parents".
VALUE LABELS listen_16
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES listen_16(99).

COMPUTE sensitiv_16 = 999.
IF (SYSMIS(K5Q42)) sensitiv_16 = 99.
IF S4Q01 = 2 sensitiv_16 = 0.
IF K5Q42 = 3 or K5Q42 = 4 sensitiv_16 = 3.
IF K5Q42 = 2 sensitiv_16 = 2.
IF K5Q42 = 1 sensitiv_16 = 1.
VARIABLE LABELS sensitiv_16 "Doctors showed sensitivity to children's family's values and customs".
VALUE LABELS sensitiv_16
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES sensitiv_16(99).

COMPUTE info_16 = 999.
IF (SYSMIS(K5Q43)) info_16 = 99.
IF S4Q01 = 2 info_16 = 0.
IF K5Q43 = 3 or K5Q43 = 4 info_16 = 3.
IF K5Q43 = 2 info_16 = 2.
IF K5Q43 = 1 info_16 = 1.
VARIABLE LABELS info_16 "Doctors provided information specific to parents' concerns".
VALUE LABELS info_16
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES info_16(99).

```



```

COMPUTE partner_16 = 999.
IF (SYSMIS(K5Q44)) partner_16 = 99.
IF S4Q01 = 2 partner_16 = 0.
IF K5Q44 = 3 or K5Q44 = 4 partner_16 = 3.
IF K5Q44 = 2 partner_16 = 2.
IF K5Q44 = 1 partner_16 = 1.
VARIABLE LABELS partner_16 "Doctors helped parents to feel like partners in child's care".
VALUE LABELS partner_16
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES partner_16(99).

MISSING VALUES time_16 listen_16 sensitiv_16 info_16 partner_16().

COMPUTE FamCent_16 = 999.
IF (time_16 = 3 or time_16=99) or (listen_16 = 3 or listen_16=99) or (sensitiv_16 = 3 or sensitiv_16=99) or
(info_16 = 3 or info_16=99) or
(partner_16 = 3 or partner_16=99) FamCent_16 = 2.
IF (time_16=1 or time_16=2 or time_16=99) and (listen_16=1 or listen_16=2 or listen_16=99) and
(sensitiv_16=1 or sensitiv_16=2 or sensitiv_16=99) and
(info_16=1 or info_16=2 or info_16=99) and (partner_16=1 or partner_16=2 or partner_16=99)
FamCent_16 = 1.
IF time_16 = 0 FamCent_16 = 0.
IF time_16 = 99 and listen_16 = 99 and sensitiv_16 = 99 and info_16 = 99 and partner_16 = 99
FamCent_16 = 99.
VARIABLE LABELS FamCent_16 "Indicator 4.12c: Medical Home Component: Family-centered care".
VALUE LABELS FamCent_16
0 "Did not have health care visit in the past 12 months"
1 "Received family-centered care"
2 "Did not receive family-centered care"
99 "Missing to any".
MISSING VALUES FamCent_16(0,99).

***Indicator 4.12d: Medical Home Component: Problems getting referrals, all children

COMPUTE NoRefPrb_16 = 999.
IF (SYSMIS(K5Q10)) NoRefPrb_16 = 99.
IF K5Q11 = 2 or K5Q11 = 3 NoRefPrb_16 = 2.
IF K5Q11 = 1 NoRefPrb_16 = 1.
IF (SYSMIS(K5Q11)) NoRefPrb_16 = 99.
IF K5Q10 = 2 NoRefPrb_16 = 0.
VARIABLE LABELS NoRefPrb_16 "Indicator 4.12d: Medical Home Component: Problems getting needed
referrals, all children".
VALUE LABELS NoRefPrb_16
0 "Did not need referrals during the past 12 months"
1 "No problems getting referral, when needed"
2 "Had problems getting referrals, when needed"
99 "Missing".
MISSING VALUES NoRefPrb_16(99).

```



```

COMPUTE DrComm_16 = 999.
IF (SYSMIS(K5Q30)) DrComm_16 = 99.
IF K5Q30 = 1 DrComm_16 = 1.
IF K5Q30 = 2 DrComm_16 = 2.
IF K5Q30 = 3 or K5Q30 = 4 DrComm_16 = 3.
IF K5Q20_R = 3 or S4Q01 = 2 DrComm_16 = 0.
VARIABLE LABELS DrComm_16 "Satisfaction with communication among child's doctor and other health
care provider".
VALUE LABELS DrComm_16
0 "Did not see more than one health care provider"
1 "Very satisfied"
2 "Somewhat satisfied"
3 "Somewhat dissatisfied/Very dissatisfied"
99 "Missing".
MISSING VALUES DrComm_16(.).

```

**Got all needed extra help with care coordination

```

COMPUTE CareHelp_16 = 999.
IF (SYSMIS(K5Q21)) or (SYSMIS(K5Q22)) CareHelp_16 = 99.
IF K5Q22 = 1 CareHelp_16 = 1.
IF K5Q22 = 2 or K5Q22 = 3 CareHelp_16 = 2.
IF (SYSMIS(K5Q20_R)) CareHelp_16 = 99.
IF K5Q20_R = 3 or S4Q01 = 2 CareHelp_16 = 0.
IF K5Q20_R = 2 and K5Q21 = 2 CareHelp_16 = 0.
IF K5Q20_R = 1 and K5Q21 = 2 CareHelp_16 = 1.
IF (SYSMIS(S4Q01)) CareHelp_16 = 99.
VARIABLE LABELS CareHelp_16 "Got all needed extra help with care coordination when needed".
VALUE LABELS CareHelp_16
0 "Did not see more than one health care provider or did not get or need extra help"
2 "Needed extra help/did not get it"
1 "Got help with care coor and/or extra help when needed"
99 "Missing".

```

```

COMPUTE OthComm_16 = 999.
IF (SYSMIS(K5Q32)) OthComm_16 = 99.
IF (SYSMIS(K5Q31_R)) OthComm_16 = 99.
IF S4Q01 = 2 or K5Q31_R = 2 or K5Q31_R = 3 OthComm_16 = 0.
IF K5Q32 = 1 OthComm_16 = 1.
IF K5Q32 = 2 or K5Q32 = 3 or K5Q32 = 4 OthComm_16 = 2.
VARIABLE LABELS OthComm_16 "Satisfaction with communication among child's doctors and school,
child care provider, or special education program".
VALUE LABELS OthComm_16
0 "No communication needed or did not have health care visit in the past 12 months"
1 "Very satisfied"
2 "Less than very satisfied"
99 "Missing to either item".

```

MISSING VALUES CareHelp_16 DrComm_16 OthComm_16(.).

```

COMPUTE CareCoor_16 = 999.
IF (CareHelp_16 = 2 or CareHelp_16=99) or (DrComm_16 = 2 or DrComm_16 = 3 or DrComm_16=99) or
(OthComm_16 = 2 or OthComm_16=99) CareCoor_16 = 2.

```

```

IF (CareHelp_16 = 0 or CareHelp_16 = 1 or CareHelp_16=99) and (DrComm_16=0 or DrComm_16=1 or
DrComm_16=99) and (OthComm_16 = 0 or OthComm_16 = 1 or OthComm_16=99) CareCoor_16 = 1.
IF (CareHelp_16 = 0 or CareHelp_16=99) and (DrComm_16 = 0 or DrComm_16=99) and (OthComm_16 =
0 or OthComm_16 = 99) CareCoor_16 = 0.
IF CareHelp_16 = 99 and DrComm_16 = 99 and OthComm_16 = 99 CareCoor_16 = 99.
VARIABLE LABELS CareCoor_16 "Indicator 4.12e: Medical Home Component: Effective care coordination,
all children".
VALUE LABELS CareCoor_16
0 "Did not need coordinated care or had less than 2 services during the past 12 months"
1 "Received all needed components of care coordination"
2 "Did not receive one or more elements of coordination"
99 "Missing to any".
MISSING VALUES CareCoor_16(99).

MISSING VALUES PerDrNs_16 UsualSck_16 FamCent_16 NoRefPrb_16 CareCoor_16(.).

COMPUTE MedHome_16 = 999.
IF (PerDrNs_16 = 1 or PerDrNs_16=99) and (UsualSck_16 = 1 or UsualSck_16=99) and (NoRefPrb_16=1
or NoRefPrb_16 =0 or NoRefPrb_16=99) and
(FamCent_16=1 or FamCent_16=0 or FamCent_16=99) and (CareCoor_16=1 or CareCoor_16=0 or
CareCoor_16=99) MedHome_16 = 1.
IF PerDrNs_16 = 2 or UsualSck_16 = 2 or NoRefPrb_16 = 2 or FamCent_16 = 2 or CareCoor_16 = 2
MedHome_16 = 2.
IF PerDrNs_16 = 99 and UsualSck_16 = 99 and (FamCent_16 = 99 or FamCent_16 = 0) and
(NoRefPrb_16 = 99 or NoRefPrb_16=0) and (CareCoor_16 = 99 or CareCoor_16 = 0) MedHome_16 = 99.
VARIABLE LABELS MedHome_16 "Indicator 4.12: Percent of children receiving coordinated, ongoing,
comprehensive care within a medical home".
VALUE LABELS MedHome_16
1 "Care MEETS medical home criteria"
2 "Care DOES NOT meet medical home criteria"
99 "Missing to any".
MISSING VALUES MedHome_16(99).

```

| | |
|--|---|
| Indicator 4.12a | Personal doctor or nurse |
| Description | Do you have one or more persons you think of as this child's personal doctor or nurse? |
| Survey Items Used | Survey instrument item number for children 0-5 years: D1; for children 6-11 years: D1; for children 12-17 years: D1 Variable name in public use data file: K4Q04 |
| Denominator | Children age 0-17 years |
| Numerator | Children who have a personal doctor or nurse; Children who do not have a personal doctor or nurse |
| Notes for Data-Users | |
| <p>This measure is one of the five components of the composite Medical Home measure and was derived directly from K4Q04. 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.</p> <p>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> | |
| Revisions in 2016 | |
| <p>The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE PerDrNs_16 = 999. IF K4Q04_R = 1 or K4Q04_R = 2 PerDrNs_16 = 1. IF K4Q04_R = 3 PerDrNs_16 = 2. IF (SYSMIS(K4Q04_R)) PerDrNs_16 = 99. VARIABLE LABELS PerDrNs_16 "Indicator 4.12a: Medical Home Component: Children with a personal doctor or nurse". VALUE LABELS PerDrNs_16 1 "Have at least one personal doctor or nurse" 2 "Do not have a personal doctor or nurse" 99 "Missing". MISSING VALUES PerDrNs_16(99). FORMATS PerDrNs_16(f4.0). </pre> | |

| | |
|--|---|
| Indicator 4.12b | Usual source for sick care |
| Description | Does this child have a usual place for sick care? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C9, C10; for children 6-11 years: C7, C8; for children 12-17 years: C8, C9 Variable name in public use data file: K4Q01; K4Q02_R |
| Denominator | Children age 0-17 years |
| Numerator | Children with no usual source for sick care; Children whose parents usually go to a certain provider or clinic when their child is sick care |
| Notes for Data-Users | |
| <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).</p> <p>Criteria for meeting this component of the Medical Home measure is: 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, school, retail store clinic or "Minute clinic", 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) is defined as not having a usual source of care.</p> | |
| Revisions in 2016 | |
| <p>Response options for K4Q01 changed from "Yes", "No", and "There is more than one place" to "Yes" and "No". In the 2016 NSCH, response options for K4Q02_R (the follow-up item which asks about the type of places the child usually goes for sick care) no longer includes the response options, "Friend/Relative", "Mexico/Other locations out of US", and "Does not go to one place most often".</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre>COMPUTE UsualSck_16 = 999. IF (SYSMIS(K4Q01)) or (SYSMIS(K4Q02_R)) UsualSck_16 = 99. IF K4Q01 = 1 and (K4Q02_R=1 or K4Q02_R=3 or K4Q02_R=4 or K4Q02_R=5 or K4Q02_R=6 or K4Q02_R=7) UsualSck_16 = 1. IF K4Q01 = 2 or K4Q02_R = 2 UsualSck_16 = 2. VARIABLE LABELS UsualSck_16 "Usual sources for sick care". VALUE LABELS UsualSck_16 1 "Have usual sources for sick care" 2 "Do not have usual sources for sick care" 99 "Missing".</pre> | |

| | |
|--|---|
| Indicator 4.12c | Family-centered care |
| Description | If this child received care during the past 12 months, did he/she receive family-centered care? |
| Survey Items Used | Survey instrument item number for children 0-5 years: D4a-e; for children 6-11 years: D4a-e; for children 12-17 years: D4a-e Variable in public use data file: K5Q40; K5Q41; K5Q42; K5Q43; K5Q44 |
| Denominator | Children age 0-17 years who had a health care visit in the past 12 months |
| Numerator | Children who did not receive family-centered care; Children who received family-centered care |
| Notes for Data-Users | |
| <p>This measure represents the Family-Centered Care component of the Medical Home composite. 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 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.</p> <p>Children who had no health care visits in the past twelve months were not included in this measure.</p> | |
| Revisions in 2016 | |
| <p>The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> <p>In the NSCH 2011/12, the composite family-centered care measure was considered missing if any item has missing data. In the 2016, the measure is only considered missing if all items are missing.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE time_16 = 999. IF (SYSMIS(K5Q40)) time_16 = 99. IF S4Q01 = 2 time_16 = 0. IF K5Q40 = 3 or K5Q40 = 4 time_16 = 3. IF K5Q40 = 2 time_16 = 2. IF K5Q40 = 1 time_16 = 1. VARIABLE LABELS time_16 "Doctors spent enough time with children". VALUE LABELS time_16 0 "Did not have a health care visit in the past 12 months" 1 "Always" 2 "Usually" 3 "Sometimes or never" 99 "Missing". MISSING VALUES time_16(99). </pre> | |

```

COMPUTE listen_16 = 999.
IF (SYSMIS(K5Q41)) listen_16 = 99.
IF S4Q01 = 2 listen_16 = 0.
IF K5Q41 = 3 or K5Q41 = 4 listen_16 = 3.
IF K5Q41 = 2 listen_16 = 2.
IF K5Q41 = 1 listen_16 = 1.
VARIABLE LABELS listen_16 "Doctors listened carefully to children's parents".
VALUE LABELS listen_16
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES listen_16(99).

COMPUTE sensitiv_16 = 999.
IF (SYSMIS(K5Q42)) sensitiv_16 = 99.
IF S4Q01 = 2 sensitiv_16 = 0.
IF K5Q42 = 3 or K5Q42 = 4 sensitiv_16 = 3.
IF K5Q42 = 2 sensitiv_16 = 2.
IF K5Q42 = 1 sensitiv_16 = 1.
VARIABLE LABELS sensitiv_16 "Doctors showed sensitivity to children's family's values and customs".
VALUE LABELS sensitiv_16
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES sensitiv_16(99).

COMPUTE info_16 = 999.
IF (SYSMIS(K5Q43)) info_16 = 99.
IF S4Q01 = 2 info_16 = 0.
IF K5Q43 = 3 or K5Q43 = 4 info_16 = 3.
IF K5Q43 = 2 info_16 = 2.
IF K5Q43 = 1 info_16 = 1.
VARIABLE LABELS info_16 "Doctors provided information specific to parents' concerns".
VALUE LABELS info_16
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES info_16(99).

COMPUTE partner_16 = 999.
IF (SYSMIS(K5Q44)) partner_16 = 99.
IF S4Q01 = 2 partner_16 = 0.
IF K5Q44 = 3 or K5Q44 = 4 partner_16 = 3.
IF K5Q44 = 2 partner_16 = 2.
IF K5Q44 = 1 partner_16 = 1.
VARIABLE LABELS partner_16 "Doctors helped parents to feel like partners in child's care".
VALUE LABELS partner_16

```

```

0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES partner_16(99).

MISSING VALUES time_16 listen_16 sensitiv_16 info_16 partner_16().

COMPUTE FamCent_16 = 999.
IF (time_16 = 3 or time_16=99) or (listen_16 = 3 or listen_16 =99) or (sensitiv_16 = 3 or sensitiv_16=99) or
(info_16 = 3 or info_16=99) or
(partner_16 = 3 or partner_16=99) FamCent_16 = 2.
IF (time_16=1 or time_16=2 or time_16=99) and (listen_16=1 or listen_16=2 or listen_16=99) and
(sensitiv_16=1 or sensitiv_16=2 or sensitiv_16=99) and
(info_16=1 or info_16=2 or info_16=99) and (partner_16=1 or partner_16=2 or partner_16=99)
FamCent_16 = 1.
IF time_16 = 0 FamCent_16 = 0.
IF time_16 = 99 and listen_16 = 99 and sensitiv_16 = 99 and info_16 = 99 and partner_16 = 99
FamCent_16 = 99.
VARIABLE LABELS FamCent_16 "Indicator 4.12c: Medical Home Component: Family-centered care".
VALUE LABELS FamCent_16
0 "Did not have health care visit in the past 12 months"
1 "Received family-centered care"
2 "Did not receive family-centered care"
99 "Missing to any".
MISSING VALUES FamCent_16(0,99).

```

| | |
|--|--|
| Indicator 4.12d | Problems getting referrals |
| Description | During the past 12 months, did this child have problems to get referrals to see any doctors or receive any services? |
| Survey Items Used | Survey instrument item number for children 0-5 years: D2,D3; for children 6-11 years: D2,D3; for children 12-17 years: D2,D3 Variable in public use data file: K5Q10; K5Q11 |
| Denominator | Children age 0-17 years |
| Numerator | Children who did not need referrals; Children who needed referrals and did not have a problem getting them; Children who needed referrals and had problems getting them |
| Notes for Data-Users | |
| <p>This measure is one of the five components of the composite Medical Home measure, and was derived based on K5Q10 - "needed referral to doctors or health services during the past 12 months" and K5Q11 – "how much of a problem was it to get the referral?". Those who needed referrals ("Yes" to K5Q10=1) were coded according to whether they had "no problems" (K5Q11=1), a "big" problem (K5Q11=2), or a "small" problem getting them (K5Q11=3). Those answering that they encountered a "big" problem or "small" problem getting needed referrals were coded as having problems getting needed referrals. Children whose response for K5Q10 was "No" (K5Q10=2) were coded as not needing referrals.</p> | |
| Revisions in 2016 | |
| <p>There were changes to the wording of the question. For more information about the question changes, click here. The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE NoRefPrb_16 = 999. IF (SYSMIS(K5Q10)) NoRefPrb_16 = 99. IF K5Q11 = 2 or K5Q11 = 3 NoRefPrb_16 = 2. IF K5Q11 = 1 NoRefPrb_16 = 1. IF (SYSMIS(K5Q11)) NoRefPrb_16 = 99. IF K5Q10 = 2 NoRefPrb_16 = 0. VARIABLE LABELS NoRefPrb_16 "Indicator 4.12d: Medical Home Component: Problems getting needed referrals, all children". VALUE LABELS NoRefPrb_16 0 "Did not need referrals during the past 12 months" 1 "No problems getting referral, when needed" 2 "Had problems getting referrals, when needed" 99 "Missing". MISSING VALUES NoRefPrb_16(99).</pre> | |

| | |
|--|---|
| Indicator 4.12e | Effective care coordination |
| Description | Did this child receive effective care coordination? |
| Survey Items Used | 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 Variable name in public use data file: K5Q20_R; K5Q21; K5Q22; K5Q30; K5Q31_R; K5Q32 |
| Denominator | Children age 0-17 years |
| Numerator | Children who did not need care coordination; Children received effective care coordination; Children did not receive effective care coordination |
| Notes for Data-Users | |
| <p>This measure is one of the five components of the composite Medical Home measure. All questions used to create the measure were asked among children who had a health care visit in the past 12 months. The effective care coordination measure is constructed by assessing communication between doctors when needed (K5Q22; K5Q30), communication between doctors and schools when needed (K5Q32) (K5Q31_R); and getting needed help coordinating care (K5Q20_R, K5Q21). Children who did not see more than one health care provider (K5Q20_R=3 or legit skip) were coded as not needing care coordination.</p> <p>The composite care coordination measure is only considered missing if all components are missing. Therefore, children with a valid, positive response to at least one component and the remainder of the components were missing or legitimately skipped are categorized as received effective care coordination.</p> | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, the this question was asked among children who received more than one type of service: medical, dental, mental health care or received/needed a specialist care that was set in the survey instrument programming (NUMB_SERVICES>1). In the 2016 NSCH, this question was asked among all children who had a health care visit during the past 12 months, and included a response option: "Did not see more than one health care provider in past 12 months". The follow-up questions K5Q21, K5Q22, and K5Q30 were asked if responses to K5Q20_R were "Yes" or "No" (K5Q20_R=1 or K5Q20_R=2) indicating that they saw more than one health care provider.</p> <p>In the NSCH 2011/12, the composite care coordination measure was considered missing if any component has missing data. In the 2016, the measure is only considered missing if all components are missing.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre>COMPUTE DrComm_16 = 999. IF (SYSMIS(K5Q30)) DrComm_16 = 99. IF K5Q30 = 1 DrComm_16 = 1. IF K5Q30 = 2 DrComm_16 = 2. IF K5Q30 = 3 or K5Q30 = 4 DrComm_16 = 3. IF K5Q20_R = 3 or S4Q01 = 2 DrComm_16 = 0. VARIABLE LABELS DrComm_16 "Satisfaction with communication among child's doctor and other health care provider".</pre> | |

```

VALUE LABELS DrComm_16
0 "Did not see more than one health care provider"
1 "Very satisfied"
2 "Somewhat satisfied"
3 "Somewhat dissatisfied/Very dissatisfied"
99 "Missing".
MISSING VALUES DrComm_16(.).
COMPUTE CareHelp_16 = 999.
IF (SYSMIS(K5Q21)) or (SYSMIS(K5Q22)) CareHelp_16 = 99.
IF K5Q22 = 1 CareHelp_16 = 1.
IF K5Q22 = 2 or K5Q22 = 3 CareHelp_16 = 2.
IF (SYSMIS(K5Q20_R)) CareHelp_16 = 99.
IF K5Q20_R = 3 or S4Q01 = 2 CareHelp_16 = 0.
IF K5Q20_R = 2 and K5Q21 = 2 CareHelp_16 = 0.
IF K5Q20_R = 1 and K5Q21 = 2 CareHelp_16 = 1.
IF (SYSMIS(S4Q01)) CareHelp_16 = 99.
VARIABLE LABELS CareHelp_16 "Got all needed extra help with care coordination when needed".
VALUE LABELS CareHelp_16
0 "Did not see more than one health care provider or did not get or need extra help"
2 "Needed extra help/did not get it"
1 "Got help with care coor and/or extra help when needed"
99 "Missing".

COMPUTE OthComm_16 = 999.
IF (SYSMIS(K5Q32)) OthComm_16 = 99.
IF (SYSMIS(K5Q31_R)) OthComm_16 = 99.
IF S4Q01 = 2 or K5Q31_R = 2 or K5Q31_R = 3 OthComm_16 = 0.
IF K5Q32 = 1 OthComm_16 = 1.
IF K5Q32 = 2 or K5Q32 = 3 or K5Q32 = 4 OthComm_16 = 2.
VARIABLE LABELS OthComm_16 "Satisfaction with communication among child's doctors and school,
child care provider, or special education program".
VALUE LABELS OthComm_16
0 "No communication needed or did not have health care visit in the past 12 months"
1 "Very satisfied"
2 "Less than very satisfied"
99 "Missing to either item".

MISSING VALUES CareHelp_16 DrComm_16 OthComm_16(.).

COMPUTE CareCoor_16 = 999.
IF (CareHelp_16 = 2 or CareHelp_16=99) or (DrComm_16 = 2 or DrComm_16 = 3 or DrComm_16=99) or
(OthComm_16 = 2 or OthComm_16=99) CareCoor_16 = 2.
IF (CareHelp_16 = 0 or CareHelp_16 = 1 or CareHelp_16=99) and (DrComm_16=0 or DrComm_16 =1 or
DrComm_16=99) and (OthComm_16 = 0 or OthComm_16 = 1 or OthComm_16=99) CareCoor_16 = 1.
IF (CareHelp_16 = 0 or CareHelp_16=99) and (DrComm_16 = 0 or DrComm_16=99) and (OthComm_16 =
0 or OthComm_16 = 99) CareCoor_16 = 0.
IF CareHelp_16 = 99 and DrComm_16 = 99 and OthComm_16 = 99 CareCoor_16 = 99.
VARIABLE LABELS CareCoor_16 "Indicator 4.12e: Medical Home Component: Effective care coordination,
all children".
VALUE LABELS CareCoor_16
0 "Did not need coordinated care or had less than 2 services during the past 12 months"
1 "Received all needed components of care coordination"
2 "Did not receive one or more elements of coordination"

```

99 "Missing to any".
MISSING VALUES CareCoor_16(99).

| | |
|---|--|
| Indicator 4.14 | Shared decision-making |
| Description | Did this child have a family who partnered in shared decision-making for child's optimal health? |
| Survey Items Used | Survey instrument item number for children 0-5 years: D5, D6; for children 6-11 years: D5, D6; for children 12-17 years: D5, D6 Variables in public use data file: DECISIONS; DISCUSOPT; RAISECONC; BESTFORCHILD |
| Denominator | Children age 0-17 years who had a health care visit in the past 12 months |
| Numerator | Children whose families usually or always feel that they are partners in decision making around issues important to their child's health; Children whose families sometimes or never feel that they are partners in decision making around issues important to their child's health; No decisions needed |
| Notes for Data-Users | |
| <p>This measure is based on whether the child has a family who usually or always feels that doctors or other health care providers: 1) discuss with parents a range of options to consider for their child's health care or treatment; 2) make it easy to raise concerns or disagree with recommendations for the child's health; and 3) work together to decide health care and treatment choices would be best for the child.</p> <p>Children with a valid, positive response (usually or always) to at least one component and the remainder of the components were missing are categorized as families feel that they are partners in decision making.</p> <p>The question was asked only if child had a health care visit in the past 12 months.</p> | |
| Revisions in 2016 | |
| <p>This measure was available in the 2009/10 National Survey of Children with Special Health Care Needs (NS-CSHCN). The items used to develop this measure were revised substantially between 2009/10 NS-CSHCN and the 2016 NSCH. In the 2016 NSCH, a filter question asked whether any decisions were needed about the child's health care services during the past 12 months. Then, they were asked questions to assess if they felt like a partner in the decision making. For more information about the changes click here.</p> <p>In the NSCH 2011/12, the composite shared decision making measure was considered missing if any component has missing data. In the 2016, the measure is only considered missing if all components are missing.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE DiscussOpt_16 = 999. IF (SYSMIS(DISCUSOPT)) DiscussOpt_16 = 99. IF DECISIONS = 2 DiscussOpt_16 = 0. IF DISCUSOPT=1 DiscussOpt_16 = 1. IF DISCUSOPT=2 DiscussOpt_16 = 2. IF DISCUSOPT=3 or DISCUSOPT=4 DiscussOpt_16 = 3. IF S4Q01=2 DiscussOpt_16 = 95. </pre> | |

VARIABLE LABELS DiscussOpt_16 "Doctors discussed range of health care/treatment options".

VALUE LABELS DiscussOpt_16

0 "No decisions needed"

1 "Always"

2 "Usually"

3 "Never/Sometimes"

99 "Missing"

95 "Did not have a health care visit".

MISSING VALUES DiscussOpt_16(0,95,99).

FORMATS DiscussOpt_16(f2.0).

EXECUTE.

COMPUTE RaiseConc_16 = 999.

IF (SYSMIS(RAISECONC)) RaiseConc_16 = 99.

IF DECISIONS = 2 RaiseConc_16 = 0.

IF RAISECONC=1 RaiseConc_16 = 1.

IF RAISECONC=2 RaiseConc_16 = 2.

IF RAISECONC=3 or RAISECONC=4 RaiseConc_16 = 3.

IF S4Q01 = 2 RaiseConc_16 = 95.

VARIABLE LABELS RaiseConc_16 "Doctors made it easy for parents to raise concerns or disagree with recommendations".

VALUE LABELS RaiseConc_16

0 "No decisions needed"

1 "Always"

2 "Usually"

3 "Never/Sometimes"

99 "Missing"

95 "Did not have a health care visit".

MISSING VALUES RaiseConc_16(0,95,99).

FORMATS RaiseConc_16(f2.0).

EXECUTE.

COMPUTE BestChoice_16 = 999.

IF (SYSMIS(BESTFORCHILD)) BestChoice_16 = 99.

IF DECISIONS = 2 BestChoice_16 = 0.

IF BESTFORCHILD=1 BestChoice_16 = 1.

IF BESTFORCHILD=2 BestChoice_16 = 2.

IF BESTFORCHILD=3 or BESTFORCHILD=4 BestChoice_16 = 3.

IF S4Q01 = 2 BestChoice_16 = 95.

VARIABLE LABELS BestChoice_16 "Doctors worked with parents to decide together health care/treatment options".

VALUE LABELS BestChoice_16

0 "No decisions needed"

1 "Always"

2 "Usually"

3 "Never/Sometimes"

99 "Missing"

95 "Did not have a health care visit".

MISSING VALUES BestChoice_16(0,95,99).

FORMATS BestChoice_16(f2.0).

EXECUTE.

MISSING VALUES DiscussOpt_16 RaiseConc_16 BestChoice_16(.

```

COMPUTE ShareDec_16 = 999.
IF DECISIONS = 2 or S4Q01=2 ShareDec_16 = 0.
IF (DiscussOpt_16 = 3 or DiscussOpt_16=99) or (RaiseConc_16 = 3 or RaiseConc_16=99) or
(BestChoice_16 = 3 or BestChoice_16 = 99) ShareDec_16 = 2.
IF (DiscussOpt_16 = 1 or DiscussOpt_16= 2 or DiscussOpt_16=99) and (RaiseConc_16 = 1 or
RaiseConc_16 = 2 or RaiseConc_16=99) and
(BestChoice_16 = 1 or BestChoice_16 = 2 or BestChoice_16=99) ShareDec_16 = 1.
IF DiscussOpt_16 = 99 and RaiseConc_16 = 99 and BestChoice_16 = 99 ShareDec_16 = 99.
VARIABLE LABELS ShareDec_16 "Indicator 4.14: Children whose families are partners in shared decision-
making for their optimal health".
VALUE LABELS ShareDec_16
0 "No decisions needed/Did not have a health care visit during the past 12 months"
1 "Families usually or always feel that they are partners in decision making"
2 "Families never/sometimes feel that they are partners in decision making"
99 "Missing".
MISSING VALUES ShareDec_16(95,99).
FORMATS ShareDec_16(f2.0).
EXECUTE.

```

| | |
|---|---|
| Indicator 4.15 | Transition to adult health care, age 12-17 years |
| Description | Did this child receive services needed for transition to adult health care? |
| Survey Items Used | Survey instrument item number for children 12-17 years: C4; D13, D14, D15c,d Variable name in public use data file: DOCPRIVATE; TREATCHILD; TREATADULT; GAINSKILLS; CHANGEAGE |
| Denominator | Youth age 12-17 years |
| Numerator | Youth 12-17 whose families report that they received the services necessary to transition to adult health care; Youth 12-17 whose families report that they did not receive the services necessary to transition to adult health care |
| Notes for Data-Users | |
| <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 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 scoring of this measure. Respondents with "missing" to all items were set to missing.</p> | |
| Revisions in 2016 | |
| <p>This measure was previously included in the 2009/10 NS-CSHCN, but it was substantially different than the current measure in the 2016 NSCH. New items were added to the measure for the 2016 NSCH, including:</p> <ul style="list-style-type: none"> • Doctor spoke with the child privately • Doctor worked with the child about gaining skills to manage their health and health care • Doctors worked with the child to help them understand their healthcare changes <p>For more information about the content changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE TimeAlone_16 = 999. IF DOCPRIVATE = 1 TimeAlone_16 = 1. IF DOCPRIVATE = 2 TimeAlone_16 = 2. IF SYSMIS(DOCPRIVATE) TimeAlone_16 = 99. IF K4Q20R = 1 TimeAlone_16 = 2. IF (SYSMIS(S4Q01) or SYSMIS(K4Q20R)) TimeAlone_16 = 99. IF S4Q01 = 2 TimeAlone_16 = 2. IF SC_AGE_YEARS < 12 TimeAlone_16 = 90. VARIABLE LABELS TimeAlone_16 "Children who had time alone with health care provider at last check-up, age 12-17 years". VALUE LABELS TimeAlone_16 </pre> | |

```

1 "Had time alone with provider"
2 "Did not have time alone with provider/Did not have preventive check-up"
99 "Missing"
90 "Children age 0-11 years".
MISSING VALUES TimeAlone_16().
FORMATS TimeAlone_16(f2.0).
EXECUTE.

COMPUTE ActiveWork_16 = 2.
IF CHANGEAGE = 1 or GAINSKILLS = 1 ActiveWork_16 = 1.
IF (CHANGEAGE = 3 or (SYSMIS(CHANGEAGE))) and (GAINSKILLS =3 or (SYSMIS(GAINSKILLS)))
ActiveWork_16 = 99.
IF SC_AGE_YEARS < 12 ActiveWork_16 = 90.
VARIABLE LABELS ActiveWork_16 "Provider worked with child to gain skills to manage health/health care
or understand health care changes at age 18, age 12-17 years".
VALUE LABELS ActiveWork_16
1 "Met the criteria"
2 "Did not met criteria"
99 "Missing/Don't know"
90 "Children age 0-11 years".
MISSING VALUES ActiveWork_16().
FORMATS ActiveWork_16(f2.0).
EXECUTE.

COMPUTE TrtAdult_16 = 999.
IF TREATCHILD = 1 and TREATADULT = 1 TrtAdult_16 = 1.
IF TREATCHILD = 1 and TREATADULT = 2 TrtAdult_16 = 2.
IF (SYSMIS(TREATCHILD)) or (SYSMIS(TREATADULT)) TrtAdult_16 = 99.
IF TREATCHILD = 2 TrtAdult_16 = 95.
IF SC_AGE_YEARS < 12 TrtAdult_16 = 90.
VARIABLE LABELS TrtAdult_16 "Provider discussed shift to adult health care providers if needed, age 12-
17 years".
VALUE LABELS TrtAdult_16
1 "Yes"
2 "No"
95 "Discussion not needed or sees provider who can transition"
99 "Missing"
90 "Children age 0-11 years".
MISSING VALUES TrtAdult_16().
FORMATS TrtAdult_16(f2.0).
EXECUTE.

MISSING VALUES TimeAlone_16 ActiveWork_16 TrtAdult_16().

COMPUTE Transition_16 = 999.
IF (TimeAlone_16 = 1 or TimeAlone_16 =99) or (ActiveWork_16 = 1 or ActiveWork_16 =99) or (TrtAdult_16
= 1 or TrtAdult_16=95 or TrtAdult_16=99) Transition_16 = 1.
IF TimeAlone_16 = 2 or ActiveWork_16 = 2 or TrtAdult_16 = 2 Transition_16 = 2.
IF TimeAlone_16 = 99 and ActiveWork_16 = 99 and TrtAdult_16 = 99 Transition_16 = 99.
IF SC_AGE_YEARS < 12 Transition_16 = 90.
VARIABLE LABELS Transition_16 "Indicator 4.15: Adolescents who received services necessary to make
planning transitions to adult health care".
VALUE LABELS Transition_16

```


1 "Received services necessary for transition to adult health care"
2 "Did not receive services necessary for transition to adult health care"
99 "Missing to all"
90 "Children age 0-11 years".
MISSING VALUES Transition_16(90,99).
FORMATS Transition_16(f2.0).
EXECUTE.

| | |
|--|---|
| Indicator 4.17 | System of care |
| Description | Did this child receive care in a well-functioning system? |
| Survey Items Used | Over 50 different survey questions are used to construct this measure |
| Denominator | Children age 0-17 years |
| Numerator | Children received all components of a well-functioning system; Children who did not receive all components of a well-functioning system |
| Notes for Data-Users | |
| <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 has a medical home, child had a preventive medical and dental visit, child has adequate insurance, and child has no unmet need and barriers access to services. For adolescents age 12-17 years, preparation for adult transition is included in addition to these five measures.</p> <p>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 2016 scoring of this measure. Respondents with "missing" to all items were set to missing.</p> | |
| Revisions in 2016 | |
| <p>The systems of care measure has changed, due to changes in the transition to adult healthcare measure (see NPM 12), the medical home measure (see NPM 11), and the adequacy of insurance measure (see NPM 15). For more information on content changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE insurance_16 = 1. IF (InsGap_16 = 1 or InsGap_16 = 99) and (InsAdeq_16 = 1 or InsAdeq_16 = 99) insurance_16 = 1. IF CurrIns_16 = 2 or InsGap_16 = 2 or InsAdeq_16 = 2 insurance_16 = 2. IF InsGap_16 = 99 and InsAdeq_16 = 99 insurance_16 = 99. VARIABLE LABELS insurance_16 "Children who have adequate insurance and were covered entire year". VALUE LABELS insurance_16 1 "Have adequate insurance covered entire year" 2 "Do not have adequate insurance" 99 "Missing to both". MISSING VALUES insurance_16 (.). FORMATS insurance_16 (f2.0). MISSING VALUES CurrIns_16 InsGap_16(99). MISSING VALUES InsAdeq_16(95,99). COMPUTE MedDentSyst_16 = 999. </pre> | |

```

IF (PrevMed_16 = 1 or PrevMed_16 = 99) and (PrevDent_16=1 or PrevDent_16=95 or PrevDent_16=99)
MedDentSyst_16 = 1.
IF PrevMed_16 = 2 or PrevDent_16 = 2 MedDentSyst_16 = 2.
IF PrevMed_16 = 99 and (PrevDent_16 = 99 or PrevDent_16=95) MedDentSyst_16 = 99.
VARIABLE LABELS MedDentSyst_16 "Indicator 4.3: Children received both preventive medical and dental
care visits in past 12 months ".
VALUE LABELS MedDentSyst_16
1 "Received preventive medical and dental care"
2 "Did not receive preventive medical and dental care"
99 "Missing to both".

COMPUTE frustrated_16 = 999.
IF C4Q04 = 1 frustrated_16 = 0.
IF C4Q04 = 2 frustrated_16 = 1.
IF C4Q04 = 3 or C4Q04 = 4 frustrated_16 = 2.
IF (SYSNMIS(C4Q04)) frustrated_16 = 99.
VARIABLE LABELS frustrated_16 "Indicator 4.19: Family frustrated in efforts to get services for their
children during the past 12 months".
VALUE LABELS frustrated_16
0 "Never frustrated"
1 "Sometimes frustrated"
2 "Usually/always frustrated"
99 "Missing".
MISSING VALUES frustrated_16(99).
FORMATS frustrated_16(f4.0).
EXECUTE.

COMPUTE UnmetFrust_16 = 999.
IF (K4Q27 = 2 or (SYSMIS(K4Q27)) and (frustrated_16 = 0 or frustrated_16 = 1 or frustrated_16 =99))
UnmetFrust_16 = 1.
IF K4Q27 = 1 or frustrated_16 = 2 UnmetFrust_16 = 2.
IF (SYSMIS(K4Q27)) and frustrated_16 = 99 UnmetFrust_16 = 99.
VARIABLE LABELS UnmetFrust_16 "Children whose parents had difficulties in accessing care and always
or usually frustrated in effort getting services for their children".
VALUE LABELS UnmetFrust_16
1 "No unmet need and frustration"
2 "Experienced unmet need and frustration (usually/alway frustrated)"
99 "Missing".

COMPUTE sys0to11care2_16 = 999.
IF (ShareDec_16 = 0 or ShareDec_16 = 1 or ShareDec_16=99) and (MedHome_16 = 1 or MedHome_16
= 99) and (Insurance_16 = 1 or Insurance_16 = 99)
and (MedDentSyst_16 = 1 or MedDentSyst_16=99) and (UnmetFrust_16 = 1 or UnmetFrust_16=99)
sys0to11care2_16 = 1.
IF ShareDec_16=2 or MedHome_16 = 2 or Insurance_16 = 2 or MedDentSyst_16 = 2 or UnmetFrust_16 =
2 sys0to11care2_16 =2.
IF (ShareDec_16=0 or ShareDec_16=99) and MedHome_16 = 99 and Insurance_16 = 99 and
MedDentSyst_16 = 99 and UnmetFrust_16 = 99 sys0to11care2_16 =99.
IF SC_AGE_YEARS > 11 sys0to11care2_16 = 95.
VARIABLE LABELS sys0to11care2_16 "Children ages 0-11 meeting one or more of five criteria for system
of care".
VALUE LABELS sys0to11care2_16
1 "Received care in a well-functioning system"

```

```

2 "Did not receive care in a well-functioning system"
99 "Missing"
95 "Children age 12-17 years".
MISSING VALUES sys0to11care2_16(99).
EXECUTE.

COMPUTE sys12to17care2_16 = 999.
IF (ShareDec_16 = 0 or ShareDec_16 = 1 or ShareDec_16=99) and (MedHome_16 = 1 or MedHome_16
= 99) and (Insurance_16 = 1 or Insurance_16 = 99)
and (MedDentSyst_16 = 1 or MedDentSyst_16=99) and (UnmetFrustr_16 = 1 or UnmetFrustr_16=99) and
(npm12Trans_16=1 or npm12Trans_16=99) sys12to17care2_16 = 1.
IF ShareDec_16=2 or MedHome_16 = 2 or Insurance_16 = 2 or MedDentSyst_16 = 2 or UnmetFrustr_16 =
2 or npm12Trans_16=2 sys12to17care2_16 =2.
IF (ShareDec_16=0 or ShareDec_16=99) and MedHome_16 = 99 and Insurance_16 = 99 and
MedDentSyst_16 = 99 and UnmetFrustr_16 = 99 and npm12Trans_16=99 sys12to17care2_16 =99.
IF SC_AGE_YEARS < 12 sys12to17care2_16 = 95.
VARIABLE LABELS sys12to17care2_16 "Children ages 12-17 meeting one or more of five criteria for
system of care".
VALUE LABELS sys12to17care2_16
1 "Received care in a well-functioning system"
2 "Did not receive care in a well-functioning system"
99 "Missing"
95 "Children age 0-11 years".
MISSING VALUES sys12to17care2_16(99).
EXECUTE.

MISSING VALUES sys0to11care2_16 sys12to17care2_16().

COMPUTE SystCare2_16=99.
IF sys0to11care2_16 = 1 or sys12to17care2_16 = 1 SystCare2_16 =1.
IF sys0to11care2_16 = 2 or sys12to17care2_16 = 2 SystCare2_16 =2.
IF sys0to11care2_16 = 99 and sys12to17care2_16 = 99 SystCare2_16 =2.
VARIABLE LABELS SystCare2_16 "Indicator 4.17: Percent of children received care in a well-functioning
system".
VALUE LABELS SystCare2_16
1 "Received care in a well-functioning system"
2 "Did not receive care in a well-functioning system"
99 "Missing".
MISSING VALUES SystCare2_16(99).
EXECUTE.

```

| | |
|--|---|
| Indicator 4.18 | Forgone health care |
| Description | During the past 12 months, was there any time when this child needed health care but it was not received? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C24; for children 6-11 years: C22; for children 12-17 years: C23 Variable in public use data file: K4Q27 |
| Denominator | Children age 0-17 years |
| Numerator | Children who received needed health care; Children who did not receive needed health care |
| Notes for Data-Users | |
| 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." | |
| Revisions in 2016 | |
| In the 2011/12 NSCH, this question asked if care was "delayed or not received". The 2016 NSCH asks if care was "not received". For more information about the changes, click here . Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K4Q27 (SYSMIS=99) (else=copy) into ForgoneCare_16. VARIABLE LABELS ForgoneCare_16 "Children who needed health care but it was not received". VALUE LABELS ForgoneCare_16 1 "Needed care, but did not receive" 2 "Received needed care" 99 "Misiisng". MISSING VALUES ForgoneCare_16(99). EXECUTE. ***Forgone health care services -- list of 6 types COMPUTE ForgoneMed_16 = 999. IF K4Q28X01 = 1 ForgoneMed_16 = 1. IF K4Q28X01 = 2 ForgoneMed_16 = 2. IF (SYSMIS(K4Q28X01)) ForgoneMed_16 = 99. IF K4Q27 = 2 or K4Q28X01 = 2 ForgoneMed_16 = 2. IF (SYSMIS(K4Q27)) ForgoneMed_16 = 99. VARIABLE LABELS ForgoneMed_16 "Did not receive needed medical care during the past 12 months". VALUE LABELS ForgoneMed_16 1 "Did not receive needed medical care" </pre> | |

```

2 "Received needed medical care"
99 "Missing".
MISSING VALUES ForgoneMed_16(99).

COMPUTE ForgoneDent_16 = 999.
IF K4Q28X02 = 1 ForgoneDent_16 = 1.
IF K4Q28X02 = 2 ForgoneDent_16 = 2.
IF (SYSMIS(K4Q28X02)) ForgoneDent_16 = 99.
IF K4Q27 = 2 ForgoneDent_16 = 2.
IF (SYSMIS(K4Q27)) ForgoneDent_16 = 99.
IF SC_AGE_YEARS < 1 ForgoneDent_16 = 95.
VARIABLE LABELS ForgoneDent_16 "Did not receive needed dental care during the past 12 months, age
1-17 years".
VALUE LABELS ForgoneDent_16
1 "Did not receive needed dental care"
2 "Received needed dental care"
99 "Missing"
95 "Children age less than 1 year old".
MISSING VALUES ForgoneDent_16(95,99).

COMPUTE ForgoneVis_16 = 999.
IF K4Q28X03 = 1 ForgoneVis_16 = 1.
IF K4Q28X03 = 2 ForgoneVis_16 = 2.
IF (SYSMIS(K4Q28X03)) ForgoneVis_16 = 99.
IF K4Q27 = 2 ForgoneVis_16 = 2.
IF (SYSMIS(K4Q27)) ForgoneVis_16 = 99.
VARIABLE LABELS ForgoneVis_16 "Did not receive needed vision care during the past 12 months".
VALUE LABELS ForgoneVis_16
1 "Did not receive needed vision care"
2 "Received needed vision care"
99 "Missing".
MISSING VALUES ForgoneVis_16(99).

COMPUTE ForgoneHear_16 = 999.
IF K4Q28X_EAR = 1 ForgoneHear_16 = 1.
IF K4Q28X_EAR = 2 ForgoneHear_16 = 2.
IF (SYSMIS(K4Q28X_EAR)) ForgoneHear_16 = 99.
IF K4Q27 = 2 ForgoneHear_16 = 2.
IF (SYSMIS(K4Q27)) ForgoneHear_16 = 99.
VARIABLE LABELS ForgoneHear_16 "Did not receive needed hearing care during the past 12 months".
VALUE LABELS ForgoneHear_16
1 "Did not receive needed hearing care"
2 "Received needed hearing care"
99 "Missing".
MISSING VALUES ForgoneHear_16(99).

COMPUTE ForgoneMH_16 = 999.
IF K4Q28X04 = 1 ForgoneMH_16 = 1.
IF K4Q28X04 = 2 ForgoneMH_16 = 2.
IF (SYSMIS(K4Q28X04)) ForgoneMH_16 = 99.
IF K4Q27 = 2 ForgoneMH_16 = 2.
IF (SYSMIS(K4Q27)) ForgoneMH_16 = 99.
IF SC_AGE_YEARS < 3 ForgoneMH_16 = 95.

```

VARIABLE LABELS ForgoneMH_16 "Did not receive needed mental health services during the past 12 months, age 3-17 years".

VALUE LABELS ForgoneMH_16

1 "Did not receive needed mental health care"

2 "Received needed mental health care"

99 "Missing"

95 "Children age 0-2 years".

MISSING VALUES ForgoneMH_16(95,99).

COMPUTE ForgoneOther_16 = 999.

IF K4Q28X05 = 1 ForgoneOther_16 = 1.

IF K4Q28X05 = 2 ForgoneOther_16 = 2.

IF (SYSMIS(K4Q28X05)) ForgoneOther_16 = 99.

IF K4Q27 = 2 ForgoneOther_16 = 2.

IF (SYSMIS(K4Q27)) ForgoneOther_16 = 99.

VARIABLE LABELS ForgoneOther_16 "Did not receive needed other health services during the past 12 months".

VALUE LABELS ForgoneOther_16

1 "Did not receive needed other types of care"

2 "Received needed other types of care"

99 "Missing".

MISSING VALUES ForgoneOther_16(99).

***Reasons for forgone health care -- 6 reasons

RECODE NOTELIG

(SYSMIS=99) (else=copy) into ineligible_16.

IF K4Q27 = 2 ineligible_16 = 95.

IF (SYSMIS(K4Q27)) ineligible_16 = 99.

VARIABLE LABELS ineligible_16 "Did not receive needed health care because the child was not eligible".

VALUE LABELS ineligible_16

1 "Experienced this difficulty"

2 "Did not experience this difficulty"

99 "Missing"

95 "Received needed health care".

MISSING VALUES ineligible_16(95,99).

RECODE AVAILABLE

(SYSMIS=99) (else=copy) into unavailable_16.

IF K4Q27 = 2 unavailable_16 = 95.

IF (SYSMIS(K4Q27)) unavailable_16 = 99.

VARIABLE LABELS unavailable_16 "Did not receive needed health care because the service this child needed were not available in their area".

VALUE LABELS unavailable_16

1 "Experienced this difficulty"

2 "Did not experience this difficulty"

99 "Missing"

95 "Received needed health care".

MISSING VALUES unavailable_16(95,99).

RECODE APPOINTMENT

(SYSMIS=99) (else=copy) into appointment_16.

IF K4Q27 = 2 appointment_16 = 95.

```

IF (SYSMIS(K4Q27)) appointment_16 = 99.
VARIABLE LABELS appointment_16 "Did not receive needed health care because there were problems
getting an appointment".
VALUE LABELS appointment_16
1 "Experienced this difficulty"
2 "Did not experience this difficulty"
99 "Missing"
95 "Received needed health care".
MISSING VALUES appointment_16(95,99).

RECODE TRANSPORTCC
(SYSMIS=99) (else=copy) into transport_16.
IF K4Q27 = 2 transport_16 = 95.
IF (SYSMIS(K4Q27)) transport_16 = 99.
VARIABLE LABELS transport_16 "Did not receive needed health care because there were problems with
getting transportation or child care".
VALUE LABELS transport_16
1 "Experienced this difficulty"
2 "Did not experience this difficulty"
99 "Missing"
95 "Received needed health care".
MISSING VALUES transport_16(99).

RECODE NOTOPEN
(SYSMIS=99) (else=copy) into NotOpen_16.
IF K4Q27 = 2 NotOpen_16 = 95.
IF (SYSMIS(K4Q27)) NotOpen_16 = 99.
VARIABLE LABELS NotOpen_16 "Did not receive needed health care because the office was not open
when the child needs care".
VALUE LABELS NotOpen_16
1 "Experienced this difficulty"
2 "Did not experience this difficulty"
99 "Missing"
95 "Received needed health care".
MISSING VALUES NotOpen_16(99).

RECODE ISSUECOST
(SYSMIS=99) (else=copy) into CostIssue_16.
IF K4Q27 = 2 CostIssue_16 = 95.
IF (SYSMIS(K4Q27)) CostIssue_16 = 99.
VARIABLE LABELS CostIssue_16 "Did not receive needed health care due to issues related to cost".
VALUE LABELS CostIssue_16
1 "Experienced this difficulty"
2 "Did not experience this difficulty"
99 "Missing"
95 "Received needed health care".
MISSING VALUES CostIssue_16(99).

```


| | |
|---|---|
| Indicator 4.19 | Problem paying medical bills |
| Description | During the past 12 months, did your family have problems paying for any of this child's medical or health care bills? |
| Survey Items Used | Survey instrument item number for children 0-5 years: F1,F3; for children 6-11 years: F1,F3; for children 12-17 years: F1,F3 Variable in public use data file: HOWMUCH; K3Q25 |
| Denominator | Children age 0-17 years |
| Numerator | Children whose family had problems paying for their children's medical or health care bills; Children whose family did not have problems paying their children's medical or health care bills, Children who did not have medical or health-related expenses |
| Notes for Data-Users | |
| This question was asked among children who had out-of-pocket costs for health care. | |
| Revisions in 2016 | |
| There were changes to the wording of the question. For more information about the question changes click here . Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K3Q25 (SYSMIS=99) (else=copy) into MedBills_16. IF HOWMUCH = 1 MedBills_16 = 0. VARIABLE LABELS MedBills_16 "Indicator 4.19: Family had problems paying for child's medical or health care bills during the past 12 months". VALUE LABELS MedBills_16 0 "No medical or health-related expenses" 1 "Had problems paying medical bills" 2 "Did not have problems paying medical bills" 99 "Missing". MISSING VALUES MedBills_16(99). FORMATS MedBills_16(f4.0). EXECUTE.</pre> | |

| | |
|--|--|
| Indicator 4.20 | Frustrated in efforts to get services |
| Description | During the past 12 months, how often were you frustrated in your efforts to get services for this child? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C27; for children 6-11 years: C25; for children 12-17 years: C26 Variable in public use data file: C4Q04 |
| Denominator | Children age 0-17 years |
| Numerator | Children whose family usually or always frustrated in effort to get services; Children whose family sometimes frustrated in effort to get services; Children whose family never frustrated in effort to get services |
| Notes for Data-Users | |
| This measure was derived from a single item. | |
| Revisions in 2016 | |
| There were changes to the wording of the question. For more information about the question changes, click here . Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE frustrated_16 = 999. IF C4Q04 = 1 frustrated_16 = 0. IF C4Q04 = 2 frustrated_16 = 1. IF C4Q04 = 3 or C4Q04 = 4 frustrated_16 = 2. IF (SYSNMIS(C4Q04)) frustrated_16 = 99. VARIABLE LABELS frustrated_16 "Indicator 4.20: Family frustrated in efforts to get services for their children during the past 12 months". VALUE LABELS frustrated_16 0 "Never frustrated" 1 "Sometimes frustrated" 2 "Usually/always frustrated" 99 "Missing". MISSING VALUES frustrated_16(99). FORMATS frustrated_16(f4.0). EXECUTE. </pre> | |

| | |
|---|---|
| Indicator 5.1 | Special education or early intervention plan, age 1-17 years |
| Description | Is this child currently receiving services under a special education or early intervention plan? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C29,C31; for children 6-11 years: C27,C29; for children 12-17 years: C28,C30 Variable in public use data file: K6Q15; SESCURRSVC |
| Denominator | Children age 1-17 years |
| Numerator | Children who have a special education or early intervention plan; Children who do not have a special education or early intervention plan |
| Notes for Data-Users | |
| <p>Families with young children (<3 years old) who have disabilities could be enrolled in an early intervention program that is called an Individualized Family Service Plan or IFSP. The IFSP takes a family-based approach to prepare children to learn in school. Some children have difficulty in school because of a health problem, condition, or disability. These children may receive services from a Special Education program and have a written intervention plan called an Individualized Education Plan or IEP. Services on an IEP might include special instruction; speech language therapy; vision and hearing services; psychological services; health services; social work services; family counseling and support; transportation; or other services needed to support the child's educational performance.</p> | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, two separate questions were asked for children 0-5 and 6-17. In the 2016 NSCH, one, combined question asked if a child "ever received a special education plan" or "early intervention plan". Additionally, two new follow up questions: "how old was when the child start receiving services" and "if the child currently receiving services" were asked in the 2016 NSCH. There were changes to the wording of the question. For more information about the question changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE SpEducPln_16 = 999. IF SESCURRSVC = 1 SpEducPln_16 = 1. IF SESCURRSVC = 2 SpEducPln_16 = 2. IF (SYSMIS(DESCURRSVC)) SpEducPln_16 = 99. IF K6Q15 = 2 SpEducPln_16 = 2. IF (SYSMIS(K6Q15)) SpEducPln_16 = 99. IF SC_AGE_YEARS < 1 SpEducPln_16 = 95. VARIABLE LABELS SpEducPln_16 "Indicator 5.1: Children currently receives special education or early intervention services, age 1-17 years". VALUE LABELS SpEducPln_16 1 "Yes" 2 "No" 99 "Missing" </pre> | |

95 "Children under 1 year old".
MISSING VALUES SpEducPIn_16(95,99).
FORMATS SpEducPIn_16(f2.0).
EXECUTE.

| | |
|--|---|
| Indicator 5.1a | Age started special education or early intervention plan |
| Description | How old was this child, in months, at the time of the first plan? |
| Survey Items Used | Survey instrument item number for children 0-5 years: C30; for children 6-11 years: C28; for children 12-17 years: C29 Variable in public use data file: SESPLANR |
| Denominator | Children age 0-17 years who ever received special education plan or early intervention plan |
| Numerator | Children who received a special education plan or early intervention plan when they were 5 years or younger; Children who received a special education plan or early intervention plan when they were 6-11 years or older; Children who received a special education plan or early intervention plan when they were 12 years or older |
| Notes for Data-Users | |
| This question was only asked among children who ever had a special education plan or early intervention plan. | |
| Revisions in 2016 | |
| This item is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE SESPLANR (0 thru 2=1) (3 thru 5=2) (6 thru 17=3) (SYSMIS=99) into SpEdAge_16. IF K6Q15 = 2 SpEdAge_16 = 0. IF (SYSMIS(K6Q15)) SpEdAge_16 = 99. IF SC_AGE_YEARS<1 SpEdAge_16 = 95. VARIABLE LABELS SpEdAge_16 "Indicator 5.1a: Age started special education or early intervention plan, age 1-5 years". VALUE LABELS SpEdAge_16 0 "Never received the services" 1 "At age less than 3 years old" 2 "At age 3-5 years old" 3 "At age 6-17 years old" 95 "Children less than 1 year old" 99 "Missing". MISSING VALUES SpEdAge_16(0,95,99). FORMATS SpEdAge_16(f2.0). EXECUTE. </pre> | |

| | |
|---|---|
| Indicator 5.2 | School engagement, age 6-17 years |
| Description | Is this child engaged in school: cares about doing well in school and doing required homework? |
| Survey Items Used | Survey instrument item number for children 6-11 years: A3d-e; for children 12-17 years: A3d-e Variable in public use data file: K7Q82_R; K7Q83_R |
| Denominator | Children age 6-17 years |
| Numerator | Children whose parents definitely agree that their child cares about doing well in school and doing required homework; Children whose parents somewhat agree that their child cares about doing well in school and doing required homework; Children whose parents do not agree that their child cares about doing well in school and doing required homework |
| Notes for Data-Users | |
| <p>"School engagement" is measured according to whether parents reported "definitely true" that their child care about doing well in school and do all required homework. These questions are asked for children between 6 and 17 years of age.</p> | |
| Revisions in 2016 | |
| <p>Response options were changed from "Never, rarely, sometimes, usually, or always true" to "Definitely true, somewhat true, or not true." Reference to "the past month" was not included in the 2016 NSCH question. For more information about the changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE SchlEngage_16 = 2. IF K7Q82_R = 1 and K7Q83_R = 1 SchlEngage_16 = 1. IF K7Q82_R = 3 or K7Q83_R = 3 SchlEngage_16 = 3. IF (SYSMIS(K7Q82_R)) and (SYSMIS(K7Q83_R)) SchlEngage_16 = 99. IF SC_AGE_YEARS < 6 SchlEngage_16 = 90. VARIABLE LABELS SchlEngage_16 "Indicator 5.2: School engagement, age 6-17 years". VALUE LABELS SchlEngage_16 1 "Definitely true to both items" 2 "Definitely true to only one item" 3 "Not true to any item" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES SchlEngage_16(90,99). FORMATS SchlEngage_16(f4.0). EXECUTE. RECODE K7Q82_R </pre> | |

```
(SYSMIS=99) (1=1) (2 thru 3=2) (else=copy) into cares_16.
IF SC_AGE_YEARS < 6 cares_16 = 90.
VARIABLE LABELS cares_16 "Children who care about doing well in school, age 6-17 years".
VALUE LABELS cares_16
  1 "Definitely true"
  2 "Somewhat true or not true"
  99 "Missing"
  90 "Children age 0-5 years".
MISSING VALUES cares_16(90,99).
FORMATS cares_16(f4.0).
EXECUTE.
```

```
RECODE K7Q83_R
(SYSMIS=99) (else=copy) into homework_16.
IF SC_AGE_YEARS < 6 homework_16 = 90.
VARIABLE LABELS homework_16 "Children who do all required homework, age 6-17 years".
VALUE LABELS homework_16
  1 "Definitely true"
  2 "Somewhat true"
  3 "Not true"
  99 "Missing"
  90 "Children age 0-5 years".
MISSING VALUES homework_16(90,99).
FORMATS homework_16(f4.0).
EXECUTE.
```

| | |
|---|---|
| Indicator 5.3 | Repeated grades in school, age 6-17 years |
| Description | Since starting kindergarten, has this child repeated any grades? |
| Survey Items Used | Survey instrument item number for children 6-11 years: G3; for children 12-17 years: G3 Variable in public use data file: REPEATED |
| Denominator | Children age 6-17 years |
| Numerator | Children who repeated a grade; Child who did not repeated a grade |
| Notes for Data-Users | |
| This question is asked for all children between 6 and 17 years of age. | |
| Revisions in 2016 | |
| The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE REPEATED (1=1) (2=2) (SYSMIS=99) into ReptGrade_16. IF SC_AGE_YEARS < 6 ReptGrade_16 = 90. VARIABLE LABELS ReptGrade_16 "Indicator 5.3: Children repeated any grades since starting kindergarten, age 6-17 years". VALUE LABELS ReptGrade_16 1 "Yes" 2 "No" 90 "Children age 0-5 years" 99 "Missing". MISSING VALUES ReptGrade_16(90,99). FORMATS ReptGrade_16(f2.0). EXECUTE. </pre> | |

| | |
|--|--|
| Indicator 5.4 | Missed school days, age 6-17 years |
| Description | During the past 12 months, about how many days did this child miss school because of illness or injury? |
| Survey Items Used | Survey instrument item number for children 6-11 years: G1; for children 12-17 years: G1 Variable in public use data file: K7Q02R_R |
| Denominator | Children age 6-17 years |
| Numerator | Children who have no missed school days due to illness or injury; Children who missed 1 - 3 days of school because of illness or injury; Children who missed 4-6 school days because of illness or injury; Children missed 7 - 10 school days because of illness or injury; Children missed 11 or more days because of illness or injury |
| Notes for Data-Users | |
| This measure was derived based on a single item. | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, parents who reported that their child was "home-schooled" "did not go to school" were not included in the denominator. The 2016 NSCH question did not have response options to indicate whether the child was home-schooled or did not go to school in the past 12 months. Additionally, response options were reported in continuous numbers in the 2011/12 NSCH, but were reported in five categorical ranges of missed school days in the 2016 NSCH. There were changes to the wording of the questions. For more information about the question changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K7Q02R_R (1 thru 4=1) (5=2) (SYSMIS=99) into SchlMiss2_16. IF SC_AGE_YEARS < 6 SchlMiss2_16 = 90. VARIABLE LABELS SchlMiss2_16 "Indicator 5.4: Missed school days during the past 12 months, age 6-17 years". VALUE LABELS SchlMiss2_16 1 "0-10 days" 2 "11 or more days" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES SchlMiss2_16(90,99). FORMATS SchlMiss2_16(f2.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 5.5 | Participation in organized activities, age 6-17 years |
| Description | During the past 12 months, did this child participate in any organized activities or lessons, after school or on weekend? |
| Survey Items Used | Survey instrument item number for children 6-11 years: G4a-c; for children 12-17 years: G4a-c Variable in public use data file: K7Q30; K7Q31; K7Q32 |
| Denominator | Children age 6-17 years |
| Numerator | Children who participate in one or more extracurricular activities; Children who do not participate in extracurricular activities |
| Notes for Data-Users | |
| 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 or (K7Q31) any other organized activities or lessons, such as music, dance, language, or other arts (K7Q32). | |
| Revisions in 2016 | |
| The content of this measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <p>RECODE K7Q30 (1=1) (2=2) (SYSMIS=99) into sports_16. IF SC_AGE_YEARS < 6 sports_16 = 90. VARIABLE LABELS sports_16 "Participation in sports teams or sports lessons after school or on weekends". VALUE LABELS sports_16 1 "Participated in activity" 2 "Did not participate" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES sports_16(90,99). FORMATS sports_16(f4.0).</p> <p>RECODE K7Q31 (1=1) (2=2) (SYSMIS=99) into clubs_16. IF SC_AGE_YEARS < 6 clubs_16 = 90. VARIABLE LABELS clubs_16 "Participation in clubs or organizations after school or on weekends". VALUE LABELS clubs_16 1 "Participated in activity" 2 "Did not participate" 99 "Missing" 90 "Children age 0-5 years".</p> | |

MISSING VALUES clubs_16(90,99).

FORMATS clubs_16(f4.0).

RECODE K7Q32

(1=1) (2=2) (SYSMIS=99) into lessons_16.

IF SC_AGE_YEARS < 6 lessons_16 = 90.

VARIABLE LABELS lessons_16 "Participation in any other organized activities or lessons, such as music, dance, language or other arts".

VALUE LABELS lessons_16

1 "Participated in activity"

2 "Did not participate"

99 "Missing"

90 "Children age 0-5 years".

MISSING VALUES lessons_16(90,99).

FORMATS lessons_16(f4.0).

MISSING VALUES sports_16 clubs_16 lessons_16().

COUNT partic_16 = sports_16 clubs_16 lessons_16(1).

IF sports_16 = 99 and clubs_16 = 99 and lessons_16 = 99 partic_16 = 99.

IF SC_AGE_YEARS < 6 partic_16=90.

VARIABLE LABELS partic_16 "Number of organized activities child participates in after school (6-17 years)".

VALUE LABELS partic_16

99 "Missing to all"

90 "Children age 0-5 years".

RECODE partic_16 (0=2) (1 thru 3 = 1) (else=copy) into AftSchAct_16.

VARIABLE LABELS AftSchAct_16 "Indicator 5.5: Children participate in organized activities outside school, age 6-17 years".

VALUE LABELS AftSchAct_16

1 "Participate in one or more extracurricular activities"

2 "Do not participate in extracurricular activities"

99 "Missing to all"

90 "Children age 0-5 years".

MISSING VALUES AftSchAct_16 (90,99).

FORMATS AftSchAct_16 (f4.0).

EXECUTE.

| | |
|--|--|
| Indicator 5.6 | Parent participation in child's events/activities, age 6-17 years |
| Description | During the past 12 months, how often did you attend events or activities that this child participated in? |
| Survey Items Used | Survey instrument item number for children 6-11 years: G5; for children 12-17 years: G5 Variable in public use data file: K7Q33 |
| Denominator | Children age 6-17 years |
| Numerator | Children whose parents always/usually attend events or activities that the their children participated in; Children whose parent sometimes attend events or activities that the their children participated in; Children whose parent rarely/never attend events or activities that their children participated in |
| Notes for Data-Users | |
| 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...". | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, parents who reported that their child did not participate in sports teams or lessons (K7Q30), clubs or organizations (K7Q31), or any other organized events or activities (K7Q32) during the past 12 months were not asked this question. In the 2016 NSCH, this question was asked among all school-aged children and an additional response option -- "Rarely" -- was added.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K7Q33 (1 thru 2 = 1) (3 thru 5=2) (SYSMIS=99) into EventPart2_16. IF SC_AGE_YEARS < 6 EventPart2_16 = 90. VARIABLE LABELS EventPart2_16 "Indicator 5.6: Parents participate in child's event or activities, age 6-17 years". VALUE LABELS EventPart2_16 1 "Always or Usually" 2 "Sometimes, Rarely or Never" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES EventPart2_16(90,99). FORMATS EventPart2_16(f4.0). EXECUTE. </pre> | |

| | |
|---|---|
| Indicator 5.7 | Participation in community service or volunteer work, age 6-17 years |
| Description | 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? |
| Survey Items Used | Survey instrument item number for children 6-11 years: G4d; for children 12-17 years: G4d Variable in public use data file: K7Q37 |
| Denominator | Children age 6-17 years |
| Numerator | Children who participated in any type of community service or volunteer work at school, church, or in the community; Children who did not participate in any type of community service or volunteer work at school, church, or in the community |
| Notes for Data-Users | |
| This question was asked for children between 6 and 17 years of age. | |
| Revisions in 2016 | |
| <p>There were changes to the wording of the question. Response options changed from "Once a week or more", "A few times a month", "A few times a year, or "Never" to "Yes" or "No". Additionally, in the 2011/12 NSCH, only children age 12-17 years were asked this question. For more information about the changes click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K7Q37 (1=1) (2=2) (SYSMIS=99) into volunteer_16. IF SC_AGE_YEARS < 6 volunteer_16 = 90. VARIABLE LABELS volunteer_16 "Indicator 5.7: Children participate in community service or volunteer work at school, church, or in the community, age 6-17 years". VALUE LABELS volunteer_16 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES volunteer_16(90,99). FORMATS volunteer_16(f4.0). EXECUTE. </pre> | |

| | |
|---|---|
| Indicator 5.8 | Work for pay, age 12-17 years |
| Description | During the past 12 months, did this child work for pay, including regular jobs as well as babysitting, cutting grass, or other occasional work? |
| Survey Items Used | Survey instrument item number for children 12-17 years: G4e Variable in public use data file: K7Q38 |
| Denominator | Children age 12-17 years |
| Numerator | Children who worked for pay; Children who did not work for pay |
| Notes for Data-Users | |
| This measure was derived from a single item. | |
| Revisions in 2016 | |
| <p>There were changes to the wording of the question. For more information about the question changes click here. In the 2011/12 NSCH, only children age 12-17 years were asked this question. The denominator of this measure is remained the same for the DRC indicator even the question was asked among children 6-17 years in the 2016 NSCH.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K7Q38 (1=1) (2=2) (SYSMIS=99) into workpay_16. IF SC_AGE_YEARS < 12 workpay_16 = 90. VARIABLE LABELS workpay_16 "Indicator 5.8: Work for pay outside home, 12-17 years". VALUE LABELS workpay_16 1 "Worked for pay" 2 "Did not work for pay" 99 "Missing" 90 "Children age 0-11 years". MISSING VALUES workpay_16(90,99). FORMATS workpay_16(f4.0). EXECUTE. </pre> | |

| | |
|--|---|
| Indicator 5.9 | Adult mentor, age 6-17 years |
| Description | Other than you or other adults in your home, is there at least one other adult in this child's school, neighborhood, or community who knows this child well and who he or she can rely on for advice or guidance? |
| Survey Items Used | Survey instrument item number for children 6-11 years: I10; for children 12-17 years: I10 Variable in public use data file: K9Q96 |
| Denominator | Children age 6-17 years |
| Numerator | Children who have at least one other adult the child can rely on for advice or guidance, Children who do not have other adult the child can rely on for advice or guidance. |
| Notes for Data-Users | |
| N/A. | |
| Revisions in 2016 | |
| There were changes to the wording of the question. For more information about the changes click here . Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K9Q96 (1=1) (2=2) (SYSMIS=99) into mentor_16. IF SC_AGE_YEARS < 6 mentor_16 = 90. VARIABLE LABELS mentor_16 "Indicator 5.9: Children have at least one adult mentor they can rely on for advice or guidance, age 6-17 years". VALUE LABELS mentor_16 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES mentor_16(90,99). FORMATS mentor_16(f4.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 5.11 | Healthy and ready to learn, age 3-5 years (UNDER DEVELOPMENT) Individual items ONLY |
| Description | Did this child meet the criteria for Healthy and Ready to Learn National Outcome Measure (under development) |
| Survey Items Used | Survey instrument item number for children 0-5 years: G1-G122 |
| Denominator | Children age 3-5 years who haven't started school |
| Numerator | Children who met the criteria for Healthy and Ready to Learn Outcome Measure; Children who did not meet the criteria for Healthy and Ready to Learn Measure |
| Notes for Data-Users | |
| This is a new Title V MCH Services Block Grant National Outcome Measure. | |
| Revisions in 2016 | |
| This is new measure in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <p>*Individual items*</p> <pre> RECODE STARTSCHOOL (SYSMIS=99) (else=copy) into StartSchl_16 . IF SC_AGE_YEARS > 5 StartSchl_16 = 90. IF SC_AGE_YEARS < 3 StartSchl_16 = 95. VARIABLE LABELS StartSchl_16 "Children who started school including homeschooling, age 3-5 years". VALUE LABELS StartSchl_16 1 "Yes" 2 "No" 99"Missing" 95 "Children age 0-2 years" 90 "Children age 6-17 years". MISSING VALUES StartSchl_16(90,95,99). RECODE K6Q08_R (SYSMIS=99) (else=copy) into LearnThings_16 . IF SC_AGE_YEARS > 5 LearnThings_16 = 90. IF SC_AGE_YEARS < 3 LearnThings_16 = 95. VARIABLE LABELS LearnThings_16 "Learning to do things for him or herself, age 3-5 years". VALUE LABELS LearnThings_16 1 "Very well" 2 "Somewhat well" 3 "Poorly" 4 "Not at all" 99"Missing" 95 "Children age 0-2 years" 90 "Children age 6-17 years". MISSING VALUES LearnThings_16(90,95,99). </pre> | |

RECODE CONFIDENT

(SYSMIS=99) (else=copy) into confident_16.

IF SC_AGE_YEARS > 5 confident_16 = 90.

IF SC_AGE_YEARS < 3 confident_16 = 95.

VARIABLE LABELS confident_16 "Parental confidency about child's success in elementary or primary school, age 3-5 years".

VALUE LABELS confident_16

1 "Very confident"

2 "Mostly confident"

3 "Somewhat confident"

4 "Not confident at all"

99"Missing"

95 "Children age 0-2 years"

90 "Children age 6-17 years".

MISSING VALUES confident_16(90,95,99).

RECODE RECOGBEGIN

(SYSMIS=99) (else=copy) into RecogBegin_16 .

IF SC_AGE_YEARS > 5 RecogBegin_16 = 90.

IF SC_AGE_YEARS < 3 RecogBegin_16 = 95.

VARIABLE LABELS RecogBegin_16 "Ability to recognize beginning sound of a word, age 3-5 years".

VALUE LABELS RecogBegin_16

1 "All of the time"

2 "Most of the time"

3 "Some of the time"

4 "None of the time"

99 "Missing"

95 "Children age 0-2 years"

90 "Children age 6-17 years".

MISSING VALUES RecogBegin_16(90,95,99).

RECODE RECOGABC

(SYSMIS=99) (else=copy) into RecogLetter_16 .

IF SC_AGE_YEARS>5 RecogLetter_16 = 90.

IF SC_AGE_YEARS<3 RecogLetter_16 = 95.

VARIABLE LABELS RecogLetter_16 "Recognize letters of alphabet, age 3-5 years".

VALUE LABELS RecogLetter_16

1 "All of them"

2 "Most of them"

3 "Some of them"

4 "None of them"

99"Missing"

95 "Children age 0-2 years"

90 "Children age 6-17 years".

MISSING VALUES RecogLetter_16(90,95,99).

RECODE RHYMEWORD

(SYSMIS=99) (else=copy) into RhymeWord_16 .

IF SC_AGE_YEARS > 5 RhymeWord_16 = 90.

IF SC_AGE_YEARS < 3 RhymeWord_16 = 95.

VARIABLE LABELS RhymeWord_16 "Ability to rhyme words, age 3-5 years".

VALUE LABELS RhymeWord_16

```

1 "Yes"
2 "No"
99"Missing"
95 "Children age 0-2 years"
90 "Children age 6-17 years".
MISSING VALUES RhymeWord_16(90,95,99).

RECODE CLEAREXP
(SYSMIS=99) (else=copy) into ClearExp_16 .
IF SC_AGE_YEARS>5 ClearExp_16 = 90.
IF SC_AGE_YEARS<3 ClearExp_16 = 95.
VARIABLE LABELS ClearExp_16 "Ability to explain things child has seen or done, age 3-5 years ".
VALUE LABELS ClearExp_16
1 "All of the time"
2 "Most of the time"
3 "Some of the time"
4 "None of the time"
99"Missing"
90 "Children age 6-17 years"
95 "Children age 0-2 years".
MISSING VALUES ClearExp_16(90,95,99).

RECODE WRITENAME
(SYSMIS=99) (else=copy) into WriteName_16 .
IF SC_AGE_YEARS > 5 WriteName_16 = 90.
IF SC_AGE_YEARS < 3 WriteName_16 = 95.
VARIABLE LABELS WriteName_16 "Ability to write his/her first name, age 3-5 years".
VALUE LABELS WriteName_16
1 "All of the time"
2 "Most of the time"
3 "Some of the time"
4 "None of the time"
99"Missing"
95 "Children age 0-2 years"
90 "Children age 6-17 years".
MISSING VALUES WriteName_16(90,95,99).

RECODE COUNTTO
(1 thru 2=1) (3=2) (4=3) (5=4) (6=5) (SYSMIS=99) (else=copy) into CountTo_16 .
IF SC_AGE_YEARS>5 CountTo_16 = 90.
IF SC_AGE_YEARS<3 CountTo_16 = 95.
VARIABLE LABELS CountTo_16 "Child can count how high, age 3-5 years".
VALUE LABELS CountTo_16
1 "Not at all or up to five"
2 "Up to ten"
3 "Up to 20"
4 "Up to 50"
5 "Up to 100 or more"
99"Missing"
95 "Children age 0-2 years"
90 "Children age 6-17 years".
MISSING VALUES CountTo_16(90,95,99).

```

RECODE RECShapes

```
(SYSMIS=99) (else=copy) into RecogShapes_16.
IF SC_AGE_YEARS>5 RecogShapes_16 = 90.
IF SC_AGE_YEARS<3 RecogShapes_16 = 95.
VARIABLE LABELS RecogShapes_16 "Child recognizes basic shapes, age 3-5 years".
VALUE LABELS RecogShapes_16
1 "All of the time"
2 "Most of the time"
3 "Some of the time"
4 "None of the time"
99"Missing"
95 "Children age 0-2 years"
90 "Children age 6-17 years".
MISSING VALUES RecogShapes_16(90,95,99).
```

RECODE DISTRACTED

```
(SYSMIS=99) (else=copy) into distracted_16.
IF SC_AGE_YEARS > 5 distracted_16 = 90.
IF SC_AGE_YEARS < 3 distracted_16 = 95.
VARIABLE LABELS distracted_16 "Child often easily distracted, 3-5 years".
VALUE LABELS distracted_16
1 "All of the time"
2 "Most of the time"
3 "Some of the time"
4 "None of the time"
99 "Missing"
95 "Children age 0-2 years"
90 "Children age 6-17 years".
MISSING VALUES distracted_16(90,95,99).
```

RECODE WORKTOFIN

```
(SYSMIS=99) (else=copy) into WorkToFin_16.
IF SC_AGE_YEARS > 5 WorkToFin_16 = 90.
IF SC_AGE_YEARS < 3 WorkToFin_16 = 95.
VARIABLE LABELS WorkToFin_16 "Children often keeps working at something until he or she is finished,
age 3-5 years".
VALUE LABELS WorkToFin_16
1 "All of the time"
2 "Most of the time"
3 "Some of the time"
4 "None of the time"
99"Missing"
95 "Children age 0-2 years"
90 "Children age 6-17 years".
MISSING VALUES WorkToFin_16(90,95,99).
```

RECODE SIMPLEINST

```
(SYSMIS=99) (else=copy) into SimpleInst_16.
IF SC_AGE_YEARS > 5 SimpleInst_16 = 90.
IF SC_AGE_YEARS < 3 SimpleInst_16 = 95.
VARIABLE LABELS SimpleInst_16 "Child often can follow instructions to complete a simple task, age 3-5
years".
VALUE LABELS SimpleInst_16
```

```
1 "All of the time"
2 "Most of the time"
3 "Some of the time"
4 "None of the time"
99 "Missing"
95 "Children age 0-2 years"
90 "Children age 6-17 years".
MISSING VALUES SimpleInst_16(90,95,99).
```

```
RECODE USEPENCIL
(SYSMIS=99) (else=copy) into UsePencil_16.
IF SC_AGE_YEARS>5 UsePencil_16 = 90.
IF SC_AGE_YEARS<3 UsePencil_16 = 95.
VARIABLE LABELS UsePencil_16 "How child holds pencil, age 3-5 years".
VALUE LABELS UsePencil_16
1 "Uses fingers"
2 "Grips in fist"
3 "Cannot hold a pencil"
99 "Missing"
95 "Children age 0-2 years"
90 "Children age 6-17 years".
MISSING VALUES UsePencil_16(90,95,99).
```

```
RECODE PLAYWELL
(SYSMIS=99) (else=copy) into PlayWell_16.
IF SC_AGE_YEARS > 5 PlayWell_16 = 90.
IF SC_AGE_YEARS < 3 PlayWell_16 = 95.
VARIABLE LABELS PlayWell_16 "Child plays well with others, age 3-5 years".
VALUE LABELS PlayWell_16
1 "All of the time"
2 "Most of the time"
3 "Some of the time"
4 "None of the time"
99 "Missing"
90 "Children age 6-17 years"
95 "Children age 0-2 years".
MISSING VALUES PlayWell_16(90,95,99).
```

```
RECODE NEWACTIVITY
(SYSMIS=99) (else=copy) into NewActivity_16.
IF SC_AGE_YEARS > 5 NewActivity_16 = 90.
IF SC_AGE_YEARS < 3 NewActivity_16 = 95.
VARIABLE LABELS NewActivity_16 "Child becomes angry or anxious when going from one activity to
another, age 3-5 years".
VALUE LABELS NewActivity_16
1 "All of the time"
2 "Most of the time"
3 "Some of the time"
4 "None of the time"
99 "Missing"
90 "Children age 6-17 years"
95 "Children age 0-2 years".
MISSING VALUES NewActivity_16(90,95,99).
```

RECODE HURTSAD

(SYSMIS=99) (else=copy) into HurtSad_16.

IF SC_AGE_YEARS > 5 HurtSad_16 = 90.

IF SC_AGE_YEARS < 3 HurtSad_16 = 95.

VARIABLE LABELS HurtSad_16 "Child shows concern when others are hurt or unhappy, age 3-5 years".

VALUE LABELS HurtSad_16

1 "All of the time"

2 "Most of the time"

3 "Some of the time"

4 "None of the time"

99 "Missing"

95 "Children age 0-2 years"

90 "Children age 6-17 years".

MISSING VALUES HurtSad_16(90,95,99).

RECODE CALMDOWN

(SYSMIS=99) (else=copy) into CalmDown_16.

IF SC_AGE_YEARS > 5 CalmDown_16 = 90.

IF SC_AGE_YEARS < 3 CalmDown_16 = 95.

VARIABLE LABELS CalmDown_16 "Child can calm down when excited or all wound up, age 3-5 years".

VALUE LABELS CalmDown_16

1 "All of the time"

2 "Most of the time"

3 "Some of the time"

4 "None of the time"

99 "Missing"

95 "Children age 0-2 years"

90 "Children age 6-17 years".

MISSING VALUES CalmDown_16(90,95,99).

RECODE TEMPER

(SYSMIS=99) (else=copy) into temper_16.

IF SC_AGE_YEARS > 5 temper_16 = 90.

IF SC_AGE_YEARS < 3 temper_16 = 95.

VARIABLE LABELS temper_16 "Child loses control of his or her temper when things do not go his or her way, age 3-5 years".

VALUE LABELS temper_16

1 "All of the time"

2 "Most of the time"

3 "Some of the time"

4 "None of the time"

95 "Children age 0-2 years"

90 "Children age 6-17 years".

MISSING VALUES temper_16(90,95,99).

RECODE MAKEFRIEND

(SYSMIS=99) (else=copy) into MakeFr3to5_16.

IF SC_AGE_YEARS > 5 MakeFr3to5_16 = 90.

IF SC_AGE_YEARS < 3 MakeFr3to5_16 = 95.

VARIABLE LABELS MakeFr3to5_16 "Child has difficulty making and keeping friends, age 3-5 years".

VALUE LABELS MakeFr3to5_16

1 "No difficulty"

```
2 "A little difficulty"
3 "A lot of difficulty"
99 "Missing"
90 "Children age 6-17 years"
95 "Children age 0-2 years".
MISSING VALUES MakeFr3to5_16(90,95,99).
```

```
RECODE SITSTILL
(SYSMIS=99) (else=copy) into SitStill1_16.
IF SC_AGE_YEARS > 5 SitStill1_16 = 90.
IF SC_AGE_YEARS < 3 SitStill1_16 = 95.
VARIABLE LABELS SitStill1_16 "Child often able to sit still, age 3-5 years".
VALUE LABELS SitStill1_16
1 "All of the time"
2 "Most of the time"
3 "Some of the time"
4 "None of the time"
99 "Missing"
95 "Children age 0-2 years"
90 "Children age 6-17 years".
MISSING VALUES SitStill1_16(90,95,99).
```

```
RECODE EXPULSION
(SYSMIS=99) (else=copy) into expulsion_16.
IF SC_AGE_YEARS > 5 expulsion_16 = 90.
IF SC_AGE_YEARS < 3 expulsion_16 = 95.
VARIABLE LABELS expulsion_16 "Asked to stay home from child care or preschool because of their
behavior, age 3-5 years".
VALUE LABELS expulsion_16
1 "This child did not attend child care or preschool"
2 "No"
3 "Yes, I was told to pick up my child early on 1 or more days"
4 "Yes, I had to keep my child home for 1 full day or more"
5 "Yes permanently, I was told my child could no longer attend this child care center or preschool"
99 "Missing"
95 "Children age 0-2 years or child does not attend child care or preschool"
90 "Children age 6-17 years".
MISSING VALUES expulsion_16(90,95,99).
```

| | |
|--|---|
| Indicator 6.1 | Physical health status of mother |
| Description | If this child's mother lives in the household, in general, what is the mother's physical health status? |
| Survey Items Used | Survey instrument item number for children 0-5 years: J1,J2,J8,J11,J12,J18; for children 6-11 years: J1,J2,J8,J11,J12,J18; for children 12-17 years: J1,J2,J8,J11,J12,J18 Variable in public use data file: A1_RELATION; A2_RELATION; A1_SEX; A2_SEX; A1_PHYSHEALTH; A2_PHYSHEALTH |
| Denominator | Children age 0-17 years who live with their biological, step, adoptive, or foster mother |
| Numerator | Children whose mother's physical health status is excellent or very good; Children whose mother's physical health status is good; Children whose mother's physical health status is fair or poor |
| Notes for Data-Users | |
| This measure summarizes the general health status (A#_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). (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 (A#_RELATIONSHIP) and A#_SEX=2), those children were not included in the denominator. | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, the response options to the question about the respondent's relationship to the child included mother or father types (biological, step, foster, or adoptive). Maternal or paternal health status questions were only asked if the mother or father was present in the household. The 2016 NSCH relationship to the child question responses did not specify whether Adult 1 or Adult 2 is the mother or father. Adult 1 (if mother) being chosen if both reported adults were mothers.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE mother1_16=95. IF ((A1_RELATION = 1 or A1_RELATION = 2 or A1_RELATION = 4) and A1_SEX = 2) mother1_16=1. IF (SYSMIS(A1_RELATION)) or (SYSMIS(A1_SEX)) mother1_16=99. VARIABLE LABELS mother1_16 "Adult 1 is biological/adoptive, foster or step mother". COMPUTE mother2_16=95. IF ((A2_RELATION = 1 or A2_RELATION = 2 or A2_RELATION = 4) and A2_SEX = 2) mother2_16=1. IF SYSMIS(A2_RELATION) or SYSMIS(A2_SEX) mother2_16=99. IF A2_RELATION =8 mother2_16=95. VARIABLE LABELS mother2_16 "Adult 2 is biological/adoptive, foster or step mother". COMPUTE MothPhyH_16 = 95. DO IF mother1_16=1. </pre> | |

```

IF A1_PHYSHEALTH = 1 or A1_PHYSHEALTH = 2 MothPhyH_16 = 1.
IF A1_PHYSHEALTH = 3 MothPhyH_16 = 2.
IF A1_PHYSHEALTH = 4 or A1_PHYSHEALTH = 5 MothPhyH_16 = 3.
IF (SYSMIS(A1_PHYSHEALTH)) MothPhyH_16 = 99.
END IF.
DO IF ((mother1_16 =95 or mother1_16=99) and mother2_16=1).
  IF A2_PHYSHEALTH = 1 or A2_PHYSHEALTH = 2 MothPhyH_16 = 1.
  IF A2_PHYSHEALTH = 3 MothPhyH_16 = 2.
  IF A2_PHYSHEALTH = 4 or A2_PHYSHEALTH = 5 MothPhyH_16 = 3.
  IF (SYSMIS(A2_PHYSHEALTH)) MothPhyH_16 = 99.
END IF.
VARIABLE LABELS MothPhyH_16 "Indicator 6.1: Physical health status of mother, children living with
biological, adopted, step, or foster mother".
VALUE LABELS MothPhyH_16
1 "Excellent or very good"
2 "Good"
3 "Fair or poor"
99 "Missing"
95 "No mother in the household or missing to A_RELATION or A_SEX".
FORMATS MothPhyH_16 (f4.0).
MISSING VALUES MothPhyH_16 (95,99).
EXECUTE.

```


| | |
|---|--|
| Indicator 6.1a | Physical health status of father |
| Description | If this child's father lives in the household, in general, what is the father's physical health status? |
| Survey Items Used | Survey instrument item number for children 0-5 years: J1,J2,J8,J11,J12,J18; for children 6-11 years: J1,J2,J8,J11,J12,J18; for children 12-17 years: J1,J2,J8,J11,J12,J18 Variable in public use data file A1_RELATION; A2_RELATION; A1_SEX; A2_SEX; A1_PHYSHEALTH; A2_PHYSHEALTH |
| Denominator | Children age 0-17 years who live with their biological, step, foster, or adoptive fathers |
| Numerator | Children whose father's physical health status is excellent or very good; Children whose father's physical health status is good; Children whose father's physical health status is fair or poor |
| Notes for Data-Users | |
| This measure summarizes the general health status (A#_PHYSHEALTH) of the child's biological, adoptive, step or foster father (A#_RELATIONSHIP=1,2,4; A#_SEX=1). The survey respondent rated the child's adult primary caregivers' physical health (A#_PHYSHEALTH). (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 (A#_RELATIONSHIP) and A#_SEX=1), those children were not included in the denominator. | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, the response options to the question about the respondent's relationship to the child included mother or father types (biological, step, foster, or adoptive). Maternal or paternal health status questions were only asked if the mother or father was present in the household. The 2016 NSCH responses did not specify whether Adult 1 or Adult 2 is the mother or father. Adult 1 (if father) being chosen if both reported adults were fathers.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE father1_16=95. IF ((A1_RELATION = 1 or A1_RELATION = 2 or A1_RELATION = 4) and A1_SEX = 1) father1_16=1. IF (SYSMIS(A1_RELATION)) or (SYSMIS(A1_SEX)) father1_16=99. VARIABLE LABELS father1_16 "Adult 1 is biological/adoptive, foster or step father". COMPUTE father2_16=95. IF ((A2_RELATION = 1 or A2_RELATION = 2 or A2_RELATION = 4) and A2_SEX = 1) father2_16=1. IF SYSMIS(A2_RELATION) or SYSMIS(A2_SEX) father2_16=99. IF A2_RELATION =8 father2_16=95. VARIABLE LABELS father2_16 "Adult 2 is biological/adoptive, foster or step father". COMPUTE FathPhyH_16 = 95. DO IF father1_16=1. </pre> | |

```

IF A1_PHYSHEALTH = 1 or A1_PHYSHEALTH = 2 FathPhyH_16 = 1.
IF A1_PHYSHEALTH = 3 FathPhyH_16 = 2.
IF A1_PHYSHEALTH = 4 or A1_PHYSHEALTH = 5 FathPhyH_16 = 3.
IF (SYSMIS(A1_PHYSHEALTH)) FathPhyH_16 = 99.
END IF.
DO IF ((father1_16 =95 or father1_16=99) and father2_16=1).
  IF A2_PHYSHEALTH = 1 or A2_PHYSHEALTH = 2 FathPhyH_16 = 1.
  IF A2_PHYSHEALTH = 3 FathPhyH_16 = 2.
  IF A2_PHYSHEALTH = 4 or A2_PHYSHEALTH = 5 FathPhyH_16 = 3.
  IF (SYSMIS(A2_PHYSHEALTH)) FathPhyH_16 = 99.
END IF.
VARIABLE LABELS FathPhyH_16 "Indicator 6.1: Physical health status of father, children living with
biological, adopted, step, or foster father".
VALUE LABELS FathPhyH_16
1 "Excellent or very good"
2 "Good"
3 "Fair or poor"
99 "Missing"
95 "No father in the household or missing to A_RELATION or A_SEX".
FORMATS FathPhyH_16 (f4.0).
MISSING VALUES FathPhyH_16 (95,99).
EXECUTE.

```

| | |
|---|--|
| Indicator 6.2 | Mental health status of mother |
| Description | If this child's mother lives in the household, in general, what is the status of mother's mental and emotional health? |
| Survey Items Used | Survey instrument item number for children 0-5 years: J1,J2,J9,J11,J12,J19; for children 6-11 years: J1,J2,J9,J11,J12,J19; for children 12-17 years: J1,J2,J9,J11,J12,J19; Variable in public use data file A1_RELATION; A2_RELATION; A1_SEX; A2_SEX; A1_MENTHEALTH; A2_MENTHEALTH |
| Denominator | Children age 0-17 years who live with their biological, step, adoptive, or foster mother |
| Numerator | Children whose mother's mental/emotional health status is excellent or very good; Children whose mother's mental/emotional health status is good; Children whose mother's mental/emotional health status is fair or poor |
| Notes for Data-Users | |
| <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). (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 - (A#_RELATIONSHIP) and A#_SEX=2), those children were not included in the denominator.</p> | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, the response options to the question about the respondent's relationship to the child included mother or father types (biological, step, foster, or adoptive). Maternal or paternal health status questions were only asked if the mother or father was present in the household. The 2016 NSCH responses did not specify whether Adult 1 or Adult 2 is the mother or father. Adult 1 (if mother) being chosen if both reported adults were mothers.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE MotherMH_16 = 95. DO IF mother1_16=1. IF A1_MENTHEALTH = 1 or A1_MENTHEALTH = 2 MotherMH_16 = 1. IF A1_MENTHEALTH = 3 MotherMH_16 = 2. IF A1_MENTHEALTH = 4 or A1_MENTHEALTH = 5 MotherMH_16 = 3. IF (SYSMIS(A1_MENTHEALTH)) MotherMH_16 = 99. END IF. DO IF ((mother1_16 =95 or mother1_16=99) and mother2_16=1). IF A2_MENTHEALTH = 1 or A2_MENTHEALTH = 2 MotherMH_16 = 1. IF A2_MENTHEALTH = 3 MotherMH_16 = 2. IF A2_MENTHEALTH = 4 or A2_MENTHEALTH = 5 MotherMH_16 = 3. IF (SYSMIS(A2_MENTHEALTH)) MotherMH_16 = 99. END IF. </pre> | |

VARIABLE LABELS MotherMH_16 "Indicator 6.1a: Mental health status of mother, children living with biological, adopted, step, or foster mother".
VALUE LABELS MotherMH_16
1 "Excellent or very good"
2 "Good"
3 "Fair or poor"
99 "Missing"
95 "No mother in the household or missing to A_RELATION or A_SEX".
FORMATS MotherMH_16 (f4.0).
MISSING VALUES MotherMH_16 (95,99).
EXECUTE.

| | |
|---|---|
| Indicator 6.2a | Mental health status of father |
| Description | If this child's father lives in the household, in general, what is the status of father's mental and emotional health? |
| Survey Items Used | Survey instrument item number for children 0-5 years: J1,J2,J9,J11,J12,J19; for children 6-11 years: J1,J2,J9,J11,J12,J19; for children 12-17 years: J1,J2,J9,J11,J12,J19 Variable in public use data file: A1_RELATION; A2_RELATION; A1_SEX; A2_SEX; A1_MENTHEALTH; A2_MENTHEALTH |
| Denominator | Children ages 0-17 years who live with their biological, step, foster or adoptive fathers |
| Numerator | Children whose father's mental/emotional health status is excellent or very good; Children whose father's mental/emotional health status is good; Children whose father's mental/emotional health status is fair or poor |
| Notes for Data-Users | |
| <p>This measure summarizes the mental or emotional health status (A#_MENTHEALTH) of the child's biological, adoptive, step or foster father (A#_RELATIONSHIP=1,2,4; A#_SEX=1). The survey respondent rated the child's adult primary caregivers' mental or emotional health (A#_MENTHEALTH). (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 - (A#_RELATIONSHIP) and A#_SEX=1), those children were not included in the denominator. Adult 1 (if father) being chosen if both reported adults were fathers.</p> | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, the response options to the question about the respondent's relationship to the child included mother or father types (biological, step, foster, or adoptive). Maternal or paternal health status questions were only asked if the mother or father was present in the household. The 2016 NSCH responses did not specify whether Adult 1 or Adult 2 is the mother or father. Adult 1 (if father) being chosen if both reported adults were fathers.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE FatherMH_16 = 95. DO IF father1_16=1. IF A1_MENTHEALTH = 1 or A1_MENTHEALTH = 2 FatherMH_16 = 1. IF A1_MENTHEALTH = 3 FatherMH_16 = 2. IF A1_MENTHEALTH = 4 or A1_MENTHEALTH = 5 FatherMH_16 = 3. IF (SYSMIS(A1_MENTHEALTH)) FatherMH_16 = 99. END IF. DO IF ((father1_16 =95 or father1_16=99) and father2_16=1). IF A2_MENTHEALTH = 1 or A2_MENTHEALTH = 2 FatherMH_16 = 1. IF A2_MENTHEALTH = 3 FatherMH_16 = 2. IF A2_MENTHEALTH = 4 or A2_MENTHEALTH = 5 FatherMH_16 = 3. IF (SYSMIS(A2_MENTHEALTH)) FatherMH_16 = 99. </pre> | |

```
END IF.  
VARIABLE LABELS FatherMH_16 "Indicator 6.1a: Mental health status of father, children living with  
biological, adopted, step, or foster father".  
VALUE LABELS FatherMH_16  
1 "Excellent or very good"  
2 "Good"  
3 "Fair or poor"  
99 "Missing"  
95 "No father in the household or missing to A_RELATION or A_SEX".  
FORMATS FatherMH_16 (f4.0).  
MISSING VALUES FatherMH_16 (95,99).  
EXECUTE.
```

| | |
|---|--|
| Indicator 6.3 | Overall health status of mother |
| Description | If this child's mother lives in the household, are his/her mother's physical and mental health both excellent or very good? |
| Survey Items Used | Survey instrument item number for children 0-5 years: J1,J2,J8,J9,J11,J12,J18,J19; for children 6-11 years: J1,J2,J8,J9,J11,J12,J18,J19; for children 12-17 years: J1,J2,J8,J9,J11,J12,J18,J19 Variable in public use data file: A1_RELATION; A2_RELATION; A1_SEX; A2_SEX; A1_PHYSHEALTH; A2_PHYSHEALTH; A1_MENTHEALTH; A2_MENTHEALTH |
| Denominator | Children age 0-17 years who live with their biological, step, adoptive, or foster mother |
| Numerator | Children with mothers whose overall physical and mental health are BOTH excellent or very good; Children with mothers whose overall physical and mental health status are both NOT excellent or very good |
| Notes for Data-Users | |
| 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 be "Excellent" or "Very Good". Please keep in mind that approximately 12% of children in the survey were not currently living with a mother in the household or missing to A_RELATION or A_SEX questions, and are not included in the denominator. | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, the response options to the question about the respondent's relationship to the child included mother or father types (biological, step, foster, or adoptive). Maternal or paternal health status questions were asked if the mother or father was present in the household. The 2016 NSCH responses did not specify whether Adult 1 or Adult 2 is the mother or father. Adult 1 (if father) being chosen if both reported adults were mothers.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE MotherHSt_16 = 999. IF MothPhyH_16 = 1 and MotherMH_16 = 1 MotherHSt_16 = 1. IF MothPhyH_16 = 1 and (MotherMH_16 = 2 or MotherMH_16 = 3) MotherHSt_16 = 2. IF (MothPhyH_16 = 2 or MothPhyH_16 = 3) and MotherMH_16 = 1 MotherHSt_16 = 2. IF (MothPhyH_16 = 2 or MothPhyH_16 = 3) and (MotherMH_16 = 2 or MotherMH_16 = 3) MotherHSt_16 = 2. IF MothPhyH_16 = 99 or MotherMH_16 = 99 MotherHSt_16 = 99. IF MothPhyH_16 = 95 or MotherMH_16 = 95 MotherHSt_16 = 95. VARIABLE LABELS MotherHSt_16 "Indicator 6.3: Mother's overall physical and mental-emotional health status, children living with biological, adopted, step, or foster mother". VALUE LABELS MotherHSt_16 1 "Physical & mental health BOTH excellent or very good" 2 "One or both of physical & mental health are NOT excellent/very good" </pre> | |

99 "Missing"

95 "No biological, adoptive, step or foster mother in household or missing to A_RELATION or A_SEX".

MISSING VALUES MotherHSt_16(95,99).

FORMATS MotherHSt_16(f2.0).

EXECUTE.

| | |
|--|--|
| Indicator 6.3a | Overall health status of father |
| Description | If this child's father lives in the household, are his/her father's physical and mental health both excellent or very good? |
| Survey Items Used | Survey instrument item number for children 0-5 years: J1,J2,J8,J9,J11,J12,J18,J19; for children 6-11 years: J1,J2,J8,J9,J11,J12,J18,J19; for children 12-17 years: J1,J2,J8,J9,J11,J12,J18,J19 Variable in public use data file: A1_RELATION; A2_RELATION; A1_SEX; A2_SEX; A1_PHYSHEALTH; A2_PHYSHEALTH; A1_MENTHEALTH; A2_MENTHEALTH |
| Denominator | Children ages 0-17 years who live with their biological, step, foster or adoptive fathers |
| Numerator | Children with fathers whose overall physical and mental health status BOTH excellent or very good; Children with fathers whose overall physical and mental health status one or both NOT excellent or very good |
| Notes for Data-Users | |
| 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 measure must be either "Excellent" or "Very Good". Please keep in mind that approximately 25% of children in the survey were not currently living with a father in the household or missing to A_RELATION or A_SEX questions, and are not included in the denominator. | |
| Revisions in 2016 | |
| In the 2011/12 NSCH, the response options to the question about the respondent's relationship to the child included mother or father types (biological, step, foster, or adoptive). Maternal or paternal health status questions were only asked if the mother or father was present in the household. The 2016 NSCH responses did not specify whether Adult 1 or Adult 2 is the mother or father. Adult 1 (if father) being chosen if both reported adults were fathers. Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <p>COMPUTE FatherHSt_16 = 999.</p> <p>IF FathPhyH_16 = 1 and FatherMH_16 = 1 FatherHSt_16 = 1.</p> <p>IF FathPhyH_16 = 1 and (FatherMH_16 = 2 or FatherMH_16 = 3) FatherHSt_16 = 2.</p> <p>IF (FathPhyH_16 = 2 or FathPhyH_16 = 3) and FatherMH_16 = 1 FatherHSt_16 = 2.</p> <p>IF (FathPhyH_16 = 2 or FathPhyH_16 = 3) and (FatherMH_16 = 2 or FatherMH_16 = 3) FatherHSt_16 = 2.</p> <p>IF FathPhyH_16 = 99 or FatherMH_16 = 99 FatherHSt_16 = 99.</p> <p>IF FathPhyH_16 = 95 or FatherMH_16 = 95 FatherHSt_16 = 95.</p> <p>VARIABLE LABELS FatherHSt_16 "Indicator 6.3: Father's overall physical and mental-emotional health status, children living with biological, adopted, step, or foster father".</p> <p>VALUE LABELS FatherHSt_16</p> <p>1 "Physical & mental health BOTH excellent or very good"</p> | |

2 "One or both of physical & mental health are NOT excellent/very good"

99 "Missing"

95 "No biological, adoptive, step or foster father in household or missing to A_RELATION or A_SEX".

MISSING VALUES FatherHSt_16(95,99).

FORMATS FatherHSt_16(f2.0).

EXECUTE.

| | |
|---|---|
| Indicator 6.4 | Someone living in the household smokes |
| Description | Does anyone living in this child's household use cigarettes, cigars, or pipe tobacco? |
| Survey Items Used | Survey instrument item number for children 0-5 years: I2; for children 6-11 years: I2; for children 12-17 years: I2 Variable in public use data file: K9Q40 |
| Denominator | Children age 0-17 years |
| Numerator | Children who live in households where someone uses cigarettes, cigars, or pipe tobacco; Children who live in households where someone doesn't use cigarettes, cigars, or pipe tobacco |
| Notes for Data-Users | |
| N/A | |
| Revisions in 2016 | |
| The content of this measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| RECODE K9Q40 (1=1) (2=2) (SYSMIS=99) into smoking_16. VARIABLE LABELS smoking_16 "Indicator 6.4: Children who live in households where someone uses cigarettes, cigars, or pipe tobacco". VALUE LABELS smoking_16 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES smoking_16(99). FORMATS smoking_16(f4.0). EXECUTE. | |

| | |
|---|--|
| Indicator 6.4a | Someone smokes inside the home |
| Description | Does anyone smoke inside this child's home? |
| Survey Items Used | Survey instrument item number for children 0-5 years: I2,I3; for children 6-11 years: I2,I3; for children 12-17 years: I2,I3 Variable in public use data file: K9Q40; K9Q41 |
| Denominator | Children age 0-17 years |
| Numerator | Children who live in a household where no one in the household uses tobacco; Children who live in a household where someone uses tobacco but does not smoke inside the house; Children who live in a household where someone uses tobacco and smokes inside the house |
| Notes for Data-Users | |
| The question "Does anyone smoke inside your home" was only asked of respondents who said "Yes" to K9Q40, "Does anyone living in your household use cigarettes, cigars, or pipe tobacco?". This measure shows the overall prevalence of both outcomes. | |
| Revisions in 2016 | |
| The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE SmkInside_16 = 999. IF (SYSMIS(K9Q40)) or (SYSMIS(K9Q41)) SmkInside_16 = 99. IF K9Q40 = 2 SmkInside_16 = 1. IF K9Q40 = 1 and K9Q41 = 2 SmkInside_16 = 2. IF K9Q40 = 1 and K9Q41 = 1 SmkInside_16 = 3. VARIABLE LABELS SmkInside_16 "Indicator 6.4a: Someone smokes inside the home". VALUE LABELS SmkInside_16 1 "No one smokes in the household" 2 "Someone smokes, not inside the house" 3 "Someone smokes inside the house" 99 "Missing". MISSING VALUES SmkInside_16(99). FORMATS SmkInside_16(f4.0). EXECUTE. </pre> | |

| | |
|--|--|
| Indicator 6.5 | Children living in "working poor" families |
| Description | How many children live in "working poor" households: that is, parents are employed full-time with incomes less than 100% of the federal poverty level? |
| Survey Items Used | Survey instrument item number for children 0-5 years: J10,K3,K4; for children 6-11 years: J10,K3,K4; for children 12-17 years: J10,K3,K4 Variables in public use data file: A1_K11Q50_R; A2_K11Q50_R; TOTINCOME |
| Denominator | Children age 0-17 years |
| Numerator | Children who do not live in a household defined as "working poor"; Children who live in a household that is classified as "working poor" |
| Notes for Data-Users | |
| <p>This measure is derived from two questions:</p> <ol style="list-style-type: none"> 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. 2) The income variable, povlev4_16, is calculated based on the relative poverty ranking according to household size and income. Households with income less than 100% of Federal Poverty Level are defined as "poor." <p>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_16). The 2016 NSCH public use data file provided by the Census Bureau includes a derived income variable, FPL. Since the family income data had missing values for 18.6% of the sample, imputed data is provided for those missing cases. The DRC uses single imputation data to substitute for the missing cases provided in the publicly released data file.</p> | |
| Revisions in 2016 | |
| <p>There were changes to the wording of the question. In the 2011/12 NSCH, the question was asked "Was anyone in the household employed at least 50 weeks out of past 52 weeks". In the 2016 NSCH, the question was asked of the two adults who were considered the child's primary caregivers. For more information about the changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE work50hrs_16 = 2. IF A1_K11Q50_R = 1 or A2_K11Q50_R = 1 work50hrs_16 = 1. IF (SYSMIS(A1_K11Q50_R)) and (SYSMIS(A2_K11Q50_R)) work50hrs_16 = 99. VARIABLE LABELS work50hrs_16 "Children who live in households where one of the adult primary caregiver employed at least 50 out of the past 52 weeks". VALUE LABELS work50hrs_16 1 "Yes" 2 "No" 99 "Missing". </pre> | |

```
COMPUTE WrkngPoor_16 = 999.  
IF ( povlev4_16 >1 and povlev4_16 <=4) and (work50hrs_16 = 1 or work50hrs_16 = 2) WrkngPoor_16 =  
2.  
IF povlev4_16 = 1 and work50hrs_16 = 2 WrkngPoor_16 = 2.  
IF povlev4_16 = 1 and work50hrs_16 = 1 WrkngPoor_16 = 1.  
IF work50hrs_16 = 99 WrkngPoor_16 = 99.  
VARIABLE LABELS WrkngPoor_16 "Indicator 6.5: Children live in working poor households--parents  
employed full-time with income less than 100% FPL".  
VALUE LABELS WrkngPoor_16  
1 "Live in 'working poor' household"  
2 "Do not live in 'working poor' household"  
99 "Missing".  
MISSING VALUES WrkngPoor_16(99).  
FORMATS WrkngPoor_16(f4.0).  
EXECUTE.
```

| | |
|--|--|
| Indicator 6.6 | Family shares ideas, 6-17 years |
| Description | How well can you and this child share ideas or talk about things that really matter? |
| Survey Items Used | Survey instrument item number for children 6-11 years: H8; for children 12-17 years: H8 Variable in public use data file: K8Q21 |
| Denominator | Children age 6-17 years |
| Numerator | Children who share ideas very well with their parents; Children who share ideas somewhat well with their parents; Children who share ideas not very well/not very well at all with their parents |
| Notes for Data-Users | |
| IMPORTANT NOTE: Results for this question are weighted to reflect the population of children ages 6-17, not the population of parents. The accurate way to report these results are: "Percent of children ages 6-17 who can share or talk very well with their parents", not as "Percent of parents...". | |
| Revisions in 2016 | |
| The content of this measure is similar to 2011/12 NSCH. However due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| RECODE K8Q21 (1=1) (2=2) (3 thru 4=3) (SYSMIS=99) into ShareIdeas_16. IF SC_AGE_YEARS < 6 ShareIdeas_16 = 90. VARIABLE LABELS ShareIdeas_16 "Indicator 6.6: Parents and children sharing ideas or talk about things that really matter, age 6-17 years". VALUE LABELS ShareIdeas_16 1 "Very well" 2 "Somewhat well" 3 "Not very well or Not very well at all" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES ShareIdeas_16(90,99). FORMATS ShareIdeas_16(f2.0). EXECUTE. | |

| | |
|--|--|
| Indicator 6.7 | Family reads to children, 0-5 years |
| Description | During the past week, how many days did you or other family members read to this child? |
| Survey Items Used | Survey instrument item number for children 0-5 years: H9 Variable in public use data file: K6Q60_R |
| Denominator | Children age 0-5 years |
| Numerator | Children whose family members read to children 0-3 days out of the week; Children whose family members read to children 4-6 days out of the week; Children whose family members read to children every day |
| Notes for Data-Users | |
| IMPORTANT NOTE: Results for this question are weighted to reflect the population of children ages 0-5, not the population of parents. The accurate way to report these results are: "Percent of children ages 0-5 whose family members read to them every day", not as "Percent of parents...". | |
| Revisions in 2016 | |
| In the 2011/12 NSCH, answer choices were open-ended and survey respondents could indicate up to 7 days. Response options were reported categorically in the 2016 NSCH. The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| RECODE K6Q60_R (1 thru 2=1) (3=2) (4=3) (SYSMIS=99) into readto_16. IF SC_AGE_YEARS > 5 readto_16 = 90. VARIABLE LABELS readto_16 "Indicator 6.7: Number of days children were read aloud to during the past week, age 0-5 years". VALUE LABELS readto_16 1 "0-3 days" 2 "4-6 days" 3 "Every day" 99 "Missing" 90 "Children age 6-17 years". MISSING VALUES readto_16(90,99). FORMATS readto_16(f2.0). EXECUTE. | |

| | |
|---|--|
| Indicator 6.8 | Family sings and tells stories to children, 0-5 years |
| Description | During the past week, how many days did you or other family members tell stories or sing songs to this child? |
| Survey Items Used | Survey instrument item number for children 0-5 years: H10 Variable in public use data file: K6Q61_R |
| Denominator | Children age 0-5 years |
| Numerator | Children whose family members sing or tell stories to children 0-3 days out of the week; Children whose family members sing or tell stories to children 4-6 days out of the week; Children whose family members sing or tell stories to children every day |
| Notes for Data-Users | |
| IMPORTANT NOTE: Results for this question are weighted to reflect the population of children ages 0-5, not the population of parents or families. The accurate way to report these results are: "Percent of children ages 0-5 years whose family members sing or tell stories to children every day", not as "Percent of families...". | |
| Revisions in 2016 | |
| In the 2011/12 NSCH, answer choices were open-ended and survey respondents could indicate up to 7 days. Response options were reported categorically in the 2016 NSCH. The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| RECODE K6Q61_R (1 thru 2=1) (3=2) (4=3) (SYSMIS=99) into SingStory_16. IF SC_AGE_YEARS > 5 SingStory_16 = 90. VARIABLE LABELS SingStory_16 "Indicator 6.8: Number of days children were sung to or told stories to during past week, age 0-5 years". VALUE LABELS SingStory_16 1 "0-3 days" 2 "4-6 days" 3 "Every day" 99 "Missing" 90 "Children age 6-17 years". MISSING VALUES SingStory_16(90,99). FORMATS SingStory_16(f2.0). EXECUTE. | |

| | |
|--|---|
| Indicator 6.9 | Family eats meal together |
| Description | During the past week, on how many days did all the family members who live in the household eat a meal together? |
| Survey Items Used | Survey instrument item number for children 0-5 years: I1; for children 6-11 years: I1; for children 12-17 years: I1 Variable in public use data file: K8Q11 |
| Denominator | Children age 0-17 years |
| Numerator | Children whose family doesn't eat meals together; Children whose family eats meals together 1-3 days out of the week; Children whose family eats meals together 4-6 days out of the week; Children whose family eats meals together every day |
| Notes for Data-Users | |
| IMPORTANT NOTE: Results for this question are weighted to reflect the population of children ages 0-17, not the population of parents or families. The accurate way to report these results are: "Percent of children whose family eats meals together every day", not as "Percent of families...". | |
| Revisions in 2016 | |
| The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. In the 2011/12 NSCH, answer choices were open-ended and survey respondents could indicate up to 7 days. Response option reported in categorical options in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| RECODE K8Q11 (1=0) (2=1) (3=2) (4=3) (SYSMIS=99) (else=copy) into MealTogether_16. VARIABLE LABELS MealTogether_16 "Indicator 6.9: Number of days all the family members who live in the household eat a meal together during the past week". VALUE LABELS MealTogether_16 0 "No days" 1 "1-3 days" 2 "4-6 days" 3 "Every day" 99 "Missing". MISSING VALUES MealTogether_16(99). FORMATS MealTogether_16(f4.0). EXECUTE. | |

| | |
|---|---|
| Indicator 6.10 | Time spent watching TV or playing video games |
| Description | On an average weekday, about how much time does this child usually spend in front of a TV watching TV programs, videos, or playing video games? |
| Survey Items Used | Survey instrument item number for children 0-5 years: H7; for children 6-11 years: H6; for children 12-17 years: H6 Variable in public use data file: K7Q60_R |
| Denominator | Children age 0-17 years |
| Numerator | Children who do not watch TV; Children who watch TV 1 hour or less per day; Children who watch TV more than 1 hour but less than 4 hours per day; Children who watch TV 4 hours or more per day |
| Notes for Data-Users | |
| N/A | |
| Revisions in 2016 | |
| <p>Children who did not have a TV, video player, or video games in the home were not included in the denominator for the 2011/12. Response options were reported in hours or minutes in the 2011/12 NSCH. For the 2016 NSCH, the response options were reported in hours up to 4 hours.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K7Q60_R (1=0) (2=1) (3 thru 5=2) (6=3) (SYSMIS=99) into TVwatch_16. VARIABLE LABELS TVwatch_16 "Indicator 6.10: Time spent on average weekday watching TV, videos, or playing video games". VALUE LABELS TVwatch_16 0 "Do not watch TV" 1 "Watch TV less than 1 hour per day" 2 "Watch TV 1-3 hours per day" 3 "Watch TV 4 hours or more per day" 99 "Missing". MISSING VALUES TVwatch_16(99). FORMATS TVwatch_16(f2.0). EXECUTE. </pre> | |

| | |
|--|---|
| Indicator 6.11 | Time spent with a computer, cell phone, electronic device |
| Description | On an average weekday, about how much time does this child usually spend with computers, cell phones, handheld video games, and other electronic devices, doing things other than schoolwork? |
| Survey Items Used | Survey instrument item number for children 0-5 years: H8; for children 6-11 years: H7; for children 12-17 years: H7 Variable in public use data file: K7Q91_R |
| Denominator | Children age 0-17 years |
| Numerator | Children who do not use electronic devices; Children who use electronic devices 1 hour or less per day; Children who use electronic devices more than 1 hour but less than 4 hours per day; Children who use electronic devices 4 hours or more per day |
| Notes for Data-Users | |
| N/A | |
| Revisions in 2016 | |
| Children who did not have computers, cell phones, handheld video games, and other electronic devices in the home were not included in the denominator for the 2011/12 NSCH. Response options were reported in continuous numbers in the 2011/12 NSCH. In the 2016 NSCH, the response options were reported in hours up to 4 hours. Additionally, there were changes to the wording of the question. For more information about the changes click here . Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <p>RECODE K7Q91_R (1=0) (2=1) (3 thru 5=2) (6=3) (SYSMIS=99) into CompEIDev_16. VARIABLE LABELS CompEIDev_16 "Indicator 6.11: Time spent with a computers, cell phones, handheld video games and other electronic devices doing things other than schoolwork on an average weekday". VALUE LABELS CompEIDev_16 0 "Do not use electronic devices" 1 "Use electronic devices less than 1 hour per day" 2 "Use electronic devices 1-3 hours per day" 3 "Use electronic devices 4 hours or more per day" 99 "Missing". MISSING VALUES CompEIDev_16(99). FORMATS CompEIDev_16(f2.0). EXECUTE.</p> | |

| | |
|---|---|
| Indicator 6.12 | Family resilience |
| Description | Does this child live in a home where the family demonstrates qualities of resilience during difficult times? |
| Survey Items Used | Survey instrument item number for children 0-5 years: I4; for children 6-11 years: I4; for children 12-17 years: I4 Variable in public use data file: TALKABOUT; WKTOSOLVE; STRENGTHS; HOPEFUL |
| Denominator | Children age 0-17 years |
| Numerator | Children who live in the family met 0-1 family resilience items; Children who live in the family met 2-3 family resilience items; Children who live in the family met all 4 family resilience items |
| Notes for Data-Users | |
| This is a new composite measure based on responses to the following 4 survey items: "When your family faces problems, how often are you likely to do each of the following?" (a) Talk together about what to do (TALKABOUT), (b) Work together to solve our problems (WKTOSOLVE), (c) Know we have strengths to draw on (STRENGTHS), and (d) Stay hopeful even in difficult times (HOPEFUL). Response options to the four items are none of the time, some of the time, most of the time, or all of the time. In order to meet each individual indicator required response of either most of the time or all of the time. | |
| Revisions in 2016 | |
| This measure is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <p>RECODE TALKABOUT (1=1) (2=2) (3 thru 4 = 3) (SYSMIS=99) into TalkAbout_16. VARIABLE LABELS TalkAbout_16 "Talk together about what to do when the family faces problems". VALUE LABELS TalkAbout_16 1 "All of the time" 2 "Most of the time" 3 "Some/None of the time" 99 "Missing". MISSING VALUES TalkAbout_16(99). FORMATS TalkAbout_16(f4.0). EXECUTE.</p> <p>RECODE WKTOSOLVE (1=1) (2=2) (3 thru 4 = 3) (SYSMIS=99) into WrkToSolve_16. VARIABLE LABELS WrkToSolve_16 "Work together to solve the problem when your family faces problems". VALUE LABELS WrkToSolve_16 1 "All of the time" 2 "Most of the time" 3 "Some/None of the time" 99 "Missing". MISSING VALUES WrkToSolve_16(99).</p> | |

FORMATS WrkToSolve_16(f4.0).
EXECUTE.

RECODE STRENGTHS

(1=1) (2=2) (3 thru 4 = 3) (SYSMIS=99) into strengths_16.

VARIABLE LABELS strengths_16 "Know we have strengths to draw on when the family faces problems".

VALUE LABELS strengths_16

1 "All of the time"

2 "Most of the time"

3 "Some/None of the time"

99 "Missing".

MISSING VALUES strengths_16(99).

FORMATS strengths_16(f4.0).

EXECUTE.

RECODE HOPEFUL

(1=1) (2=2) (3 thru 4 = 3) (SYSMIS=99) into hopeful_16.

VARIABLE LABELS hopeful_16 "Stay hopeful even in difficult times when the family faces problems".

VALUE LABELS hopeful_16

1 "All of the time"

2 "Most of the time"

3 "Some/None of the time"

99 "Missing".

MISSING VALUES hopeful_16(99).

FORMATS hopeful_16(f4.0).

EXECUTE.

MISSING VALUES TalkAbout_16 WrkToSolve_16 strengths_16 hopeful_16(99).

COUNT CtFamRes_16 = TalkAbout_16 WrkToSolve_16 strengths_16 hopeful_16(1,2).

IF TalkAbout_16 = 99 and WrkToSolve_16 = 99 and strengths_16 = 99 and hopeful_16 = 99 CtFamRes_16 = 99.

VARIABLE LABELS CtFamRes_16 "Count of all of time and most of time responses".

COMPUTE FamResilience_16 = 999.

IF CtFamRes_16 <= 1 FamResilience_16 = 1.

IF CtFamRes_16 = 2 or CtFamRes_16 = 3 FamResilience_16 = 2.

IF CtFamRes_16 = 4 FamResilience_16 = 3.

IF CtFamRes_16 = 99 FamResilience_16 = 99.

VARIABLE LABELS FamResilience_16 "Indicator 6.12: Family flourishing composite measure".

VALUE LABELS FamResilience_16

1 "All or most of the time to 0-1 items"

2 "All or most of the time to 2-3 items"

3 "All or most of the time to all 4 items"

99 "Missing to all 4 items".

MISSING VALUES FamResilience_16(99).

FORMATS FamResilience_16(f4.0).

EXECUTE.

| | |
|---|---|
| Indicator 6.13 | Adverse childhood experiences |
| Description | Has this child experienced one or more adverse childhood experiences from the list of 9 ACEs? |
| Survey Items Used | Survey instrument item number for children 0-5 years: I10a-h; I5; for children 6-11 years: I11a-h; I5; for children 12-17 years: I11a-h; I5 Variable name in public use data file: ACE1; ACE3; ACE4; ACE5; ACE6; ACE7; ACE8; ACE9; ACE10 |
| Denominator | Children age 6-17 years |
| Numerator | Children with no adverse childhood experiences; Children with 1 adverse childhood experience; Children with 2 or more adverse childhood experiences |
| Notes for Data-Users | |
| <p>The 2016 NSCH includes nine ACEs items: hard to get by 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 "How often has it been very hard to get by on your family's income?" (ACE1) was coded as an adverse childhood experience. The remaining survey items ACE3-ACE10 are dichotomous 'Yes/No' response options.</p> | |
| Revisions in 2016 | |
| <p>There were changes to the wording of seven of the nine items. For more information about the changes, click here. Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE ACE1 (SYSMIS=99) (else=copy) into ACEincome_16. VARIABLE LABELS ACEincome_16 "Adverse childhood experience: hard to get by on family's income - hard to cover basics like food or housing". VALUE LABELS ACEincome_16 1 "Never hard to get by on family income" 2 "Rarely hard to get by on family income" 3 "Somewhat often hard to get by on family income" 4 "Very often hard to get by on family income" 99 "Missing". MISSING VALUES ACEincome_16(99). FORMATS ACEincome_16(f4.0). EXECUTE. </pre> | |

```

COMPUTE ACEincome2_16 = 999.
IF ACE1 = 3 or ACE1 = 4 ACEincome2_16 = 1.
IF ACE1 = 1 or ACE1 = 2 ACEincome2_16 = 2.
IF (SYSMIS(ACE1)) ACEincome2_16 = 99.
VARIABLE LABELS ACEincome2_16 "How often has it been hard to get by on your family's income - hard
to cover basics like food or housing?".
VALUE LABELS ACEincome2_16
1 "Somewhat often/Very often hard to get by on family income"
2 "Never/Rarely hard to get by on family income"
99 "Missing".

RECODE ACE3
(SYSMIS=99) (else=copy) into ACEdivorce_16.
VARIABLE LABELS ACEdivorce_16 "Adverse childhood experience: parent or guardian divorced or
separated".
VALUE LABELS ACEdivorce_16
1 "Experienced the adverse childhood experience"
2 "No adverse childhood experiences"
99 "Missing".
MISSING VALUES ACEdivorce_16(99).
FORMATS ACEdivorce_16(f4.0).
EXECUTE.

RECODE ACE4
(SYSMIS=99) (else=copy) into ACEdeath_16.
VARIABLE LABELS ACEdeath_16 "Adverse childhood experience: parent or guardian died".
VALUE LABELS ACEdeath_16
1 "Experienced the adverse childhood experience"
2 "No adverse childhood experiences"
99 "Missing".
MISSING VALUES ACEdeath_16(99).
FORMATS ACEdeath_16(f4.0).
EXECUTE.

RECODE ACE5
(SYSMIS=99) (else=copy) into ACEjail_16.
VARIABLE LABELS ACEjail_16 "Adverse childhood experience: parent or guardian served time in jail".
VALUE LABELS ACEjail_16
1 "Experienced the adverse childhood experience"
2 "No adverse childhood experiences"
99 "Missing".
MISSING VALUES ACEjail_16(99).
FORMATS ACEjail_16(f4.0).
EXECUTE.

RECODE ACE6
(SYSMIS=99) (else=copy) into ACEdomviol_16.
VARIABLE LABELS ACEdomviol_16 "Adverse childhood experience:saw or heard parents or adults slap,
hit, kick, punch one another in the home".
VALUE LABELS ACEdomviol_16
1 "Experienced the adverse childhood experience"
2 "No adverse childhood experiences"
99 "Missing".

```


MISSING VALUES ACEdomviol_16(99).
 FORMATS ACEdomviol_16(f4.0).
 EXECUTE.

RECODE ACE7
 (SYSMIS=99) (else=copy) into ACEneighviol_16.
 VARIABLE LABELS ACEneighviol_16 "Adverse childhood experience: victim/witness of neighborhood violence".
 VALUE LABELS ACEneighviol_16
 1 "Experienced the adverse childhood experience"
 2 "No adverse childhood experiences"
 99 "Missing".
 MISSING VALUES ACEneighviol_16(99).
 FORMATS ACEneighviol_16(f4.0).
 EXECUTE.

RECODE ACE8
 (SYSMIS=99) (else=copy) into ACEmhealth_16.
 VARIABLE LABELS ACEmhealth_16 "Adverse childhood experience: lived with anyone who was mentally ill, suicidal, or severely depressed".
 VALUE LABELS ACEmhealth_16
 1 "Experienced the adverse childhood experience"
 2 "No adverse childhood experiences"
 99 "Missing".
 MISSING VALUES ACEmhealth_16(99).
 FORMATS ACEmhealth_16(f4.0).
 EXECUTE.

RECODE ACE9
 (SYSMIS=99) (else=copy) into ACEdrug_16.
 VARIABLE LABELS ACEdrug_16 "Adverse childhood experience: lived with anyone who had a problem with alcohol or drug".
 VALUE LABELS ACEdrug_16
 1 "Experienced the adverse childhood experience"
 2 "No adverse childhood experiences"
 99 "Missing".
 MISSING VALUES ACEdrug_16(99).
 FORMATS ACEdrug_16(f4.0).
 EXECUTE.

RECODE ACE10
 (SYSMIS=99) (else=copy) into ACEdiscrim_16.
 VARIABLE LABELS ACEdiscrim_16 "Adverse childhood experience: treated or judged unfairly because of his/her race or ethnic group".
 VALUE LABELS ACEdiscrim_16
 1 "Experienced the adverse childhood experience"
 2 "No adverse childhood experiences"
 99 "Missing".
 MISSING VALUES ACEdiscrim_16(99).
 FORMATS ACEdiscrim_16(f4.0).
 EXECUTE.

MISSING VALUES ACEincome2_16 ACEdivorce_16 ACEdeath_16 ACEjail_16 ACEdomviol_16

```

ACEneighviol_16 ACEmhealth_16 ACEdrug_16 ACEdiscrim_16().

COUNT ACEct_16 = ACEincome2_16 ACEdivorce_16 ACEdeath_16 ACEjail_16 ACEdomviol_16
ACEneighviol_16 ACEmhealth_16 ACEdrug_16 ACEdiscrim_16(1).
IF ACEincome2_16 = 99 and ACEdivorce_16 = 99 and ACEdeath_16 = 99 and ACEjail_16 = 99 and
ACEdomviol_16 = 99 and
ACEneighviol_16 = 99 and ACEmhealth_16 = 99 and ACEdrug_16 = 99 and ACEdiscrim_16 = 99
ACEct_16 = 99.
VARIABLE LABELS ACEct_16 "Number of adverse childhood experiences, of 9 asked about".
VALUE LABELS ACEct_16
0 "No adverse childhood experiences"
99 "Missing to all 9 items".

RECODE ACEct_16
(0=1) (1=2) (2 thru 9 =3) (99=99) into ACE2more_16.
VARIABLE LABELS ACE2more_16 "Indicator 6.13: Children experienced two or more adverse childhood
experiences".
VALUE LABELS ACE2more_16
1 "No adverse childhood experiences"
2 "Experienced 1 adverse childhood experience"
3 "Experienced 2 or more adverse childhood experiences"
99 "Missing to all 9 items".
MISSING VALUES ACE2more_16(99).
FORMATS ACE2more_16(f4.0).
EXECUTE.

```

| | |
|--|---|
| Indicator 6.14 | Parental aggravation |
| Description | Does this child have parents who felt aggravated by parenting during the past month? |
| Survey Items Used | Survey instrument item number for children 0-5 years: H12; for children 6-11 years: H10; for children 12-17 years: H10 Variable in public use data file: K8Q31; K8Q32; K8Q34 |
| Denominator | Children age 0-17 years |
| Numerator | Children whose parents often feel aggravation from parenting; Children whose parents seldom feel aggravation from parenting |
| Notes for Data-Users | |
| <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 were usually or always felt angry with their children (K8Q34).</p> <p>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 are: "Percent of children ages 0-17 living with parents who report often feeling aggravated from parenting", not as "Percent of parents..."</p> | |
| Revisions in 2016 | |
| <p>The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K8Q31 (1=1) (2=2) (3=3) (4 thru 5 = 4) (SYSMIS=99) into DiffCare_16. VARIABLE LABELS DiffCare_16 "Parent felt child is much harder to care for than most children during the past month". VALUE LABELS DiffCare_16 1 "Never" 2 "Rarely" 3 "Sometimes" 4 "Usually or always" 99 "Missing". MISSING VALUES DiffCare_16(99). FORMATS DiffCare_16(f4.0). EXECUTE. RECODE K8Q32 (1=1) (2=2) (3=3) (4 thru 5 = 4) (SYSMIS=99) into bother_16. VARIABLE LABELS bother_16 "Parent felt child does things that bother them during the past month". VALUE LABELS bother_16 </pre> | |

```

1 "Never"
2 "Rarely"
3 "Sometimes"
4 "Usually or always"
99 "Missing".
MISSING VALUES bother_16(99).
FORMATS bother_16(f4.0).
EXECUTE.

RECODE K8Q34
(1=1) (2=2) (3=3) (4 thru 5 = 4) (SYSMIS=99) into angry_16.
VARIABLE LABELS angry_16 "Parent felt angry with child during the past month".
VALUE LABELS angry_16
1 "Never"
2 "Rarely"
3 "Sometimes"
4 "Usually or always"
99 "Missing".
MISSING VALUES angry_16(99).
FORMATS angry_16(f4.0).
EXECUTE.

MISSING VALUES DiffCare_16 bother_16 angry_16().

COUNT ParAgg_ct = DiffCare_16 bother_16 angry_16(4).
IF DiffCare_16=99 and bother_16=99 and angry_16=99 ParAgg_ct = 99.
VARIABLE LABELS ParAgg_ct "Number of usually or always responses to three forms of stress reported
by parents during the past month".

COMPUTE ParAggrav_16 = 999.
IF ParAgg_ct >= 1 ParAggrav_16 = 1.
IF ParAgg_ct = 0 ParAggrav_16 = 2.
IF ParAgg_ct = 99 ParAggrav_16 = 99.
VARIABLE LABELS ParAggrav_16 "Indicator 6.14: Children whose parents who felt stress from parenting
during the past month".
VALUE LABELS ParAggrav_16
1 "Parent usually/always feels aggravation from parenting"
2 "Parent seldom feels aggravation from parenting"
99 "Missing to all 3 items".
MISSING VALUES ParAggrav_16(99).
FORMATS ParAggrav_16(f4.0).
EXECUTE.

```

| | |
|--|--|
| Indicator 6.15 | Parent receives emotional help with parenting |
| Description | During the past 12 months, was there someone that you could turn to for day-to-day emotional support with parenting or raising children? |
| Survey Items Used | Survey instrument item number for children 0-5 years: H13; for children 6-11 years: H11; for children 12-17 years: H11 Variable in public use data file: K8Q35 |
| Denominator | Children age 0-17 years |
| Numerator | Children whose parents had someone to turn to for day-to-day emotional support with parenting or raising children; Children whose parents did not have someone to turn to for day-to-day emotional support with parenting or raising children |
| Notes for Data-Users | |
| 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 are: "Percent of children ages 0-17 living with parents who have someone to turn to", not as "Percent of parents...". | |
| Revisions in 2016 | |
| There were changes to the wording of the question. For more information about the changes, click here . Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| RECODE K8Q35 (1=1) (2=2) (SYSMIS=99) into EmSupport_16. VARIABLE LABELS EmSupport_16 "Indicator 6.15: Children living with parents who have someone that could turn to for day-to-day emotional support with parenting or raising children". VALUE LABELS EmSupport_16 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES EmSupport_16(99). FORMATS EmSupport_16(f4.0). EXECUTE. | |

| | |
|---|--|
| Indicator 6.16 | Coping with daily demands of raising children |
| Description | How well do you think you are handling the day-to-day demands of raising children? |
| Survey Items Used | Survey instrument item number for children 0-5 years: H11; for children 6-11 years: H9; for children 12-17 years: H9 Variable in public use data file: K8Q30 |
| Denominator | Children age 0-17 years |
| Numerator | Children whose parents are coping with day-to-day demands of raising children very well; Children whose parents are coping with day-to-day demands of raising children somewhat, not very well or not very well at all |
| Notes for Data-Users | |
| 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 are: "Percent of children ages 0-17 living with parents who are coping with the demands of raising children" very well, not as "Percent of parents...". | |
| Revisions in 2016 | |
| The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| RECODE K8Q30 (1=1) (2 thru 4=2) (SYSMIS=99) into ParCoping_16. VARIABLE LABELS ParCoping_16 "Indicator 6.16: Coping with day-to-day demands of raising children". VALUE LABELS ParCoping_16 1 "Very well" 2 "Somewhat well or Not very well or Not very well at all" 99 "Missing". MISSING VALUES ParCoping_16(99). FORMATS ParCoping_16(f2.0). EXECUTE. | |

| | |
|--|--|
| Indicator 6.17 | Job change due to problems with child care, age 0-5 years |
| Description | 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? |
| Survey Items Used | Survey instrument item number for children 0-5 years: H16 Variable in public use data file: K6Q27 |
| Denominator | Children age 0-5 years |
| Numerator | Children whose family member have to quit a job, not take a job, or greatly change their job because of problems with child care for this child; Children whose family member did not have to quit a job, not take a job, or greatly change their job because of problems with child care for this child |
| Notes for Data-Users | |
| N/A | |
| Revisions in 2016 | |
| The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K6Q27 (1=1) (2=2) (SYSMIS=99) into JobChange_16. IF SC_AGE_YEARS > 5 JobChange_16 = 90. VARIABLE LABELS JobChange_16 "Indicator 6.17: Job change because problems with child care, age 0-5 years". VALUE LABELS JobChange_16 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 6-17 years". MISSING VALUES JobChange_16(90,99). FORMATS JobChange_16(f4.0). EXECUTE. </pre> | |

| | |
|---|---|
| Indicator 6.18 | Stopped working and cut back hours due to child's health |
| Description | During the past 12 months, have you or other family members stopped working or cut down on hours you work because of this child's health or health conditions? |
| Survey Items Used | Survey instrument item number for children 0-5 years: F4a,b; for children 6-11 years: F4a,b; for children 12-17 years: F4a,b Variable in public use data file: STOPWORK; CUTHOURS |
| Denominator | Children age 0-17 years |
| Numerator | Children whose parents or family members cut back hours or/and stopped working because of their children's health or health conditions; Children whose parents or family members' employment was not affected because of their children's health or health conditions |
| Notes for Data-Users | |
| This measure combines the concepts of family members "cutting down on hours worked" and/or "stopping work" altogether because of their children's health and health conditions. To be scored in the numerator of this measure, the child may have a "Yes" response to either STOPWORK, CUTHOURS, or both. | |
| Revisions in 2016 | |
| This question was asked in the 2009/10 National Survey of Children with Special Health Care Needs (NS-CSHCN). There were changes to the wording of this question in 2016. For more information about the changes click here . | |
| Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE StopCutWork_16 = 999. IF STOPWORK = 2 or CUTHOURS = 2 StopCutWork_16 = 2. IF STOPWORK = 1 or CUTHOURS = 1 StopCutWork_16 = 1. IF (SYSMIS(STOPWORK)) and (SYSMIS(CUTHOURS)) StopCutWork_16 = 99. VARIABLE LABELS StopCutWork_16 "Indicator 6.18: Family members stopped working or reduced work hours due to child's health". VALUE LABELS StopCutWork_16 1 "Family member cut back hours or stopped working or both" 2 "Employment not affected" 99 "Missing to both". MISSING VALUES StopCutWork_16(99). FORMATS StopCutWork_16(f4.0). EXECUTE. </pre> | |

| | |
|--|--|
| Indicator 6.19 | Avoided changing jobs to maintain insurance |
| Description | During the past 12 months, have you or other family members avoided changing jobs because of concerns about maintaining health insurance for this child? |
| Survey Items Used | Survey instrument item number for children 0-5 years: F4C; for children 6-11 years: F4C; for children 12-17 years: F4C Variable in public use data file: AVOIDCHG |
| Denominator | Children age 0-17 years |
| Numerator | Children whose family members avoided changing jobs because of concerns about maintaining health insurance; Children whose family members did not have concerns about maintaining health insurance |
| Notes for Data-Users | |
| N/A | |
| Revisions in 2016 | |
| This question was asked in the 2009/10 National Survey of Children with Special Health Care Needs (NS-CSHCN). Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <p>RECODE AVOIDCHG (1=1) (2=2) (SYSMIS=99) into AvoidChng_16. VARIABLE LABELS AvoidChng_16 "Indicator 6.19: Children whose family member(s) avoided changing jobs because of concerns about maintaining health insurance". VALUE LABELS AvoidChng_16 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES AvoidChng_16(99). FORMATS AvoidChng_16(f4.0). EXECUTE.</p> | |

| | |
|--|---|
| Indicator 6.20a | Time spent providing health care |
| Description | In an average week, how many hours do you or other family members spend providing health care at home for this child? |
| Survey Items Used | Survey instrument item number for children 0-5 years: F5; for children 6-11 years: F5; for children 12-17 years: F5 Variable in public use data file: ATHOMEHC |
| Denominator | Children age 0-17 year |
| Numerator | Children whose families did not provide at home care on a weekly basis; Children whose family members spend less than 1 hour per week providing health care at home for this child; Children whose family members spend 1-4 hours per week providing health care at home; Children whose family members spend 5-10 hours per week providing health care at home; Children whose family members spend 11 or more hours per week providing health care at home for this child |
| Notes for Data-Users | |
| This survey question defines "home health care" as changing bandages, and providing medication and therapies when needed. | |
| Revisions in 2016 | |
| <p>This question was asked in the 2009/10 National Survey of Children with Special Health Care Needs (NS-CSHCN). In the 2009/10 NS-CSHCN, responses to the question were reported in a continuous number of hours. In the 2016 NSCH, a categorical range of hours was available to select, in addition to the response, "does not need health care provided on a weekly basis". Additionally, there were changes to the wording of the question. For more information about the changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE ATHOMEHC (1=1) (2=2)(3=3) (4 thru 5=4) (6=95) (SYSMIS=99) into HomeCare_16 . VARIABLE LABELS HomeCare_16 "Indicator 6.20a: Time spent providing health care for child in an average week". VALUE LABELS HomeCare_16 1 "No at home care was provided" 2 "Less than 1 hour per week" 3 "1-4 hours per week" 4 "5 or more hours per week" 95 "Do not need health care provided on a weekly basis" 99 "Missing". MISSING VALUES HomeCare_16(95,99). FORMATS HomeCare_16(f4.0). EXECUTE. </pre> | |

| | |
|--|---|
| Indicator 6.20b | Time spent coordinating health care |
| Description | In an average week, how many hours do you or other family members spend arranging or coordinating health or medical care for this child? |
| Survey Items Used | Survey instrument item number for children 0-5 years: F6; for children 6-11 years: F6; for children 12-17 years: F6 Variable in public use data file: ARRANGEHHC |
| Denominator | Children age 0-17 year |
| Numerator | Children who did not need care coordination on a weekly basis; Children whose family members spend less than 1 hour per week coordinating health care; Children whose family members spend 1-4 hours per week coordinating health care; Children whose family members spend 5 or more hours per week coordinating health care |
| Notes for Data-Users | |
| This survey question defines "arranging or coordinating health care" as making appointments and locating services. | |
| Revisions in 2016 | |
| <p>This question was asked in the 2009/10 National Survey of Children with Special Health Care Needs (NS-CSHCN). In the 2009/10 NS-CSHCN, the response was reported in a continuous number of hours. In the 2016 NSCH, categorical ranges of hours were available to select, in addition to the response: "does not need health care coordinated on a weekly basis". In addition, there were minor changes to the wording of the question. For more information about the changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE ARRANGEHHC (1=1) (2=2) (3=3) (4 thru 5=4) (6=95) (SYSMIS=99) into TimeCoord_16 . VARIABLE LABELS TimeCoord_16 "Indicator 6.20b: Time spent coordinating health care for child in an average week". VALUE LABELS TimeCoord_16 1 "No health or medical care was arranged or coordinated" 2 "Less than 1 hour per week" 3 "1-4 hours per week" 4 "5 or more hours per week" 95 "Do not need health care provided on a weekly basis" 99 "Missing". MISSING VALUES TimeCoord_16(95,99). FORMATS TimeCoord_16(f4.0). EXECUTE. </pre> | |

| | |
|--|---|
| Indicator 6.21 | Received care from others at least 10 hours/week, age 0-5 years |
| Description | Does this child receive care for at least 10 hours per week from someone other than his or her parent or guardian? |
| Survey Items Used | Survey instrument item number for children 0-5 years: H15 Variable name in public use data file: K6Q20 |
| Denominator | Children age 0-5 years |
| Numerator | Children who receive care for at least 10 hours per week from someone other than their parent or guardian; Children who do not receive care from others |
| Notes for Data-Users | |
| Care received from was defined as a day care center, preschool, Head Start program, nanny, au pair, or any other non-relative. | |
| Revisions in 2016 | |
| There were changes to the wording of the question. For more information about the changes, click here . Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K6Q20 (1=1) (2=2) (SYSMIS=99) into Care10hrs_16. IF SC_AGE_YEARS > 5 Care10hrs_16 = 90. VARIABLE LABELS Care10hrs_16 "Indicator 6.21: Received care from others at least 10 hours per week, age 0-5 years". VALUE LABELS Care10hrs_16 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 6-17 years". MISSING VALUES Care10hrs_16(90,99). FORMATS Care10hrs_16(f4.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 6.22 | Sleep position, 0-12 months |
| Description | In which position do you most often lay this baby down to sleep now? |
| Survey Items Used | Survey instrument item number for children 0-5 years: H6 Variable in public use data file: SLEEPPOS |
| Denominator | Children age 0-1 years |
| Numerator | Children who sleep on their back; Children sleep on their side/stomach |
| Notes for Data-Users | |
| <p>In 1992, the American Academy of Pediatrics released a statement which recommended that infants should be placed on their back. In 2011, the AAP expanded its policy statement to include safe sleep environment. The AAP policy statement states that "To reduce the risk of SIDS, infants should be placed for sleep in a supine position (wholly on the back) for every sleep by every caregiver until 1 year of life. Side sleeping is not safe and is not advised." The policy statement is accessible through the AAP website.</p> | |
| Revisions in 2016 | |
| This item is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE SleepPos_16 = 999. IF SLEEPPOS = 2 SleepPos_16 = 1. IF SLEEPPOS = 1 or SLEEPPOS= 3 SleepPos_16 = 2. IF (SYSMIS(SLEEPPOS)) SleepPos_16 = 99. IF SC_AGE_YEARS >= 1 SleepPos_16 = 90. VARIABLE LABELS SleepPos_16 "Indicator 6.22: Sleep position, 0-12 month ". VALUE LABELS SleepPos_16 1 "On his or her back" 2 "On his or her side/stomach" 90 "Children age 1-17 years" 99 "Missing". MISSING VALUES SleepPos_16(90,95,99). FORMATS SleepPos_16(f2.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 6.24 | Child goes to bed same time on weeknights |
| Description | How often does this child go to bed at about the same time on weeknights? |
| Survey Items Used | Survey instrument item number for children 0-5 years: H4; for children 6-11 years: H4; for children 12-17 years: H4 Variable in public use data file: BEDTIME |
| Denominator | Children age 0-17 years |
| Numerator | Children who always go to bed at the same time on weeknights; Children who usually go to bed at the same time on weeknights; Children who sometimes go to bed at the same time on weeknights; Children who rarely/never go to bed at the same time on weeknights |
| Notes for Data-Users | |
| N/A | |
| Revisions in 2016 | |
| This item is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE BedTime_16 = 999. IF BEDTIME = 1 BedTime_16 = 1. IF BEDTIME = 2 BedTime_16 = 2. IF BEDTIME = 3 BedTime_16 = 3. IF BEDTIME = 4 or BEDTIME = 5 BedTime_16 = 4. IF (SYSMIS(BEDTIME)) BedTime_16 = 99. VARIABLE LABELS BedTime_16 "Indicator 6.24: Go to bed at the same time on weeknights". VALUE LABELS BedTime_16 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Rarely or never" 99 "Missing". MISSING VALUES BedTime_16(99). FORMATS BedTime_16(f2.0). EXECUTE. </pre> | |

| | |
|---|---|
| Indicator 6.25 | Adequate amount of sleep, age 4 months-17 years |
| Description | During the past week, how many hours of sleep did this child get on an average weeknight? |
| Survey Items Used | Survey instrument item number for children 0-5 years: H5; for children 6-11 years: H5; for children 12-17 years: H5 Variable in public use data file: HOURSLEEP05; HOURSLEEP |
| Denominator | Children age 4 months-17 years |
| Numerator | Children who sleep recommended age-appropriate hours; Children who sleep less than recommended age-appropriate hours |
| Notes for Data-Users | |
| <p>Not getting enough sleep on a regular basis leads to increases in some types of health problems/conditions such as hypertension, injuries, obesity, and depression etc. The American Academy of Pediatrics endorsed a guideline developed by the American Academy of Sleep Medicine, "Recommended sleep duration for children from infants to teens". The guideline recommends the following sleep hours:</p> <p>Infants 4 months to 12 months should sleep 12 to 16 hours per 24 hours (including naps)</p> <p>Children 1 to 2 years of age should sleep 11 to 14 hours per 24 hours (including naps)</p> <p>Children 3 to 5 years of age should sleep 10 to 13 hours per 24 hours (including naps)</p> <p>Children 6 to 12 years of age should sleep 9 to 12 hours per 24 hours</p> <p>Teenagers 13 to 18 years of age should sleep 8 to 10 hours per 24 hours</p> <p>More information can be obtained from the AAP website.</p> | |
| Revisions in 2016 | |
| This item is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE HrsSleep_16 = 999. IF (SYSMIS(HOURSLEEP)) or (SYSMIS(HOURSLEEP05)) HrsSleep_16 = 99. DO IF SC_AGE_LT4 = 2 and SC_AGE_YEARS = 0. IF HOURSLEEP05 < 7 HrsSleep_16 = 2. IF HOURSLEEP05 = 7 HrsSleep_16 = 1. END IF. DO IF SC_AGE_YEARS > 0 and SC_AGE_YEARS < 3. IF HOURSLEEP05 < 6 HrsSleep_16 = 2. IF HOURSLEEP05 = 6 or HOURSLEEP05 = 7 HrsSleep_16 = 1. END IF. DO IF SC_AGE_YEARS > 2 and SC_AGE_YEARS < 6. IF HOURSLEEP05 < 5 HrsSleep_16 = 2. IF HOURSLEEP05 > 4 HrsSleep_16 = 1. END IF. DO IF SC_AGE_YEARS > 5 and SC_AGE_YEARS < 13. IF HOURSLEEP < 5 HrsSleep_16 = 2. IF HOURSLEEP > 4 HrsSleep_16 = 1. END IF. </pre> | |

```

DO IF SC_AGE_YEARS > 12.
  IF HOURSLEEP < 4 HrsSleep_16 = 2.
  IF HOURSLEEP > 3 HrsSleep_16 = 1.
END IF.
IF SC_AGE_LT4 = 1 HrsSleep_16 = 95.
VARIABLE LABELS HrsSleep_16 "Indicator 6.25: Hours child get sleep on an average weeknights, age 4
months-17 years".
VALUE LABELS HrsSleep_16
1 "Child sleeps recommended age-appropriate hours"
2 "Child sleeps less than recommended age-appropriate hours"
99 "Missing"
95 "Children less than 4 months old".
MISSING VALUES HrsSleep_16(95,99).
FORMATS HrsSleep_16(f4.0).
EXECUTE.

```


| | |
|--|--|
| Indicator 6.26 | Food insufficiency |
| Description | Which of these statements best describes the food situation in this child's household in the past 12 months? |
| Survey Items Used | Survey instrument item number for children 0-5 years: I6; for children 6-11 years: I6; for children 12-17 years: I6 Variable in public use data file: FOODSIT |
| Denominator | Children age 0-17 years |
| Numerator | Children whose family could always afford to eat good nutritious meals; children whose family could always afford enough to eat but not always the kinds of food they know they should eat; Children whose family sometimes could not afford enough to eat; Children whose family often could not afford enough to eat |
| Notes for Data-Users | |
| N/A | |
| Revisions in 2016 | |
| This item is new in the 2016 NSCH. | |
| SPSS Syntax and Annotation | |
| <p>RECODE FOODSIT (1=1) (2=2) (3 thru 4=3) (SYSMIS=99) (else=copy) into FoodSit_16. VARIABLE LABELS FoodSit_16 "Indicator 6.26: Food situation in child's household in the past 12 months". VALUE LABELS FoodSit_16 1 "We could always afford to eat good nutritious meals" 2 "We could always afford enough to eat but not always the kinds of food we should eat" 3 "Sometimes or often we could not afford enough to eat" 99 "Missing". MISSING VALUES FoodSit_16(99). FORMATS FoodSit_16(f4.0). EXECUTE.</p> | |

| | |
|---|---|
| Indicator 6.27 | Received food or cash assistance |
| Description | Did this child live in a household that received food or cash assistance? |
| Survey Items Used | Survey instrument item number for children 0-5 years: I7; for children 6-11 years: I7; for children 12-17 years: I7 Variable in public use data file: K11Q60; K11Q61; K11Q62; S9Q34; |
| Denominator | Children age 0-17 years |
| Numerator | Children who live in families no one received food or cash assistance; Children who live in families someone received 1-2 types of food or cash assistance; Children who live in families someone received 3-4 types of food or cash assistance |
| Notes for Data-Users | |
| N/A | |
| Revisions in 2016 | |
| <p>There were changes to the wording of the question. For more information about the question changes, click here. Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <p>COUNT FoodCash_ct = S9Q34 K11Q60 K11Q61 K11Q62(1). IF (SYSMIS(S9Q34)) and (SYSMIS(K11Q60)) and (SYSMIS(K11Q61)) and (SYSMIS(K11Q62)) FoodCash_ct = 99. VARIABLE LABELS FoodCash_ct "Number of types of food and cash assistance from 4 types asked about".</p> <p>RECODE FoodCash_ct (0=0) (1 thru 2 = 1) (3 thru 4 = 2) into FoodCash_16. IF FPL > 300 FoodCash_16 = 95. VARIABLE LABELS FoodCash_16 "Indicator 6.27: Received food or cash assistance during the past 12 months". VALUE LABELS FoodCash_16 0 "Did not receive food or cash assistance" 1 "Received 1-2 types of assistance" 2 "Received 3-4 types of assistance" 95 "Children live in households with > 300% FPL" 99 "Missing". MISSING VALUES FoodCash_16(99). FORMATS FoodCash_16(f4.0). EXECUTE.</p> <p>RECODE S9Q34 (1=1) (2=2) (SYSMIS=99) into WIC_16.</p> | |

VARIABLE LABELS WIC_16 "Someone in the family received benefits from the WIC Program during the past 12 months".

VALUE LABELS WIC_16

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES WIC_16(99).

FORMATS WIC_16(f4.0).

EXECUTE.

RECODE K11Q60

(1=1) (2=2) (SYSMIS=99) into CashAss_16.

VARIABLE LABELS CashAss_16 "Someone in the family received cash assistance from government during the past 12 months".

VALUE LABELS CashAss_16

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES CashAss_16(99).

FORMATS CashAss_16(f4.0).

EXECUTE.

RECODE K11Q61

(1=1) (2=2) (SYSMIS=99) into FoodStamp_16.

VARIABLE LABELS FoodStamp_16 "Someone in the family received Food Stamps or Supplemental Nutrition Assistance Program benefits during the past 12 months".

VALUE LABELS FoodStamp_16

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES K11Q61(99).

FORMATS K11Q61(f4.0).

EXECUTE.

RECODE K11Q62

(1=1) (2=2) (SYSMIS=99) into MealFree_16.

VARIABLE LABELS MealFree_16 "Someone in the family received free or reduced-cost breakfasts or lunches at school during the past 12 months".

VALUE LABELS MealFree_16

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES MealFree_16(99).

FORMATS MealFree_16(f4.0).

EXECUTE.

| | |
|--|---|
| Indicator 7.1 | Supportive neighborhood |
| Description | Does this child live in a supportive neighborhood? |
| Survey Items Used | Survey instrument item number for children 0-5 years: I9a,b,d; for children 6-11 years: I9a,b,d; for children 12-17 years: I9a,b,d ; Variable in public use data file: K10Q30; K10Q31; GOFORHELP |
| Denominator | Children age 0-17 years |
| Numerator | Children who live in supportive neighborhoods; Children who live in neighborhoods that are not supportive |
| Notes for Data-Users | |
| <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 my 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 at least three items are included in the denominator. In the 2016 NSCH, children are considered to live in supportive neighborhoods if their parents reported “definitely agree” to at least one of the items below and “somewhat agree” or “definitely agree” to the other two items.</p> | |
| Revisions in 2016 | |
| <p>The 2011/12 NSCH included two questions which were dropped in the 2016 NSCH: 1) There are people I can count on in this neighborhood; and 2) If my child were outside playing and got hurt or scared, there are adults nearby who I trust to help my child. In the 2016 NSCH, one new, additional question was included: When we encounter difficulties, we know where to go for help in our community (GOFORHELP).</p> <p>The scoring of this measure is changed. In the 2011/12 NSCH, the measure was scored based on the mean score from the assigned values for the item responses. In the 2016 NSCH, children are considered to live in supportive neighborhoods if their parents reported “definitely agree” to at least one of the items below and “somewhat agree” or “definitely agree” to the other two items.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE NbhdSupp_16=999. IF (K10Q30>=2) or (K10Q31>=2) or (GOFORHELP>=2) NbhdSupp_16=2. IF (K10Q30=1) and (K10Q31<=2) and (GOFORHELP<=2) NbhdSupp_16=1. IF (K10Q30<=2) and (K10Q31=1) and (GOFORHELP<=2) NbhdSupp_16=1. IF (K10Q30<=2) and (K10Q31<=2) and (GOFORHELP=1) NbhdSupp_16=1. IF (SYSMIS(K10Q30)) or (SYSMIS(K10Q31)) or (SYSMIS(GOFORHELP)) NbhdSupp_16=99. VARIABLE LABELS NbhdSupp_16 "Child live is a supportive neighborhood". VALUE LABELS NbhdSupp_16 1 "Live in supportive neighborhoods" 2 "Do not live in supportive neighborhoods" 99 "Missing to any". MISSING VALUES NbhdSupp_16(99). FORMATS NbhdSupp_16(f2.0). EXECUTE. </pre> | |

| | |
|---|--|
| Indicator 7.2 | Safe neighborhood |
| Description | Does this child live in a safe neighborhood? |
| Survey Items Used | Survey instrument item number for children 0-5 years: I9c; for children 6-11 years: I9c; for children 12-17 years: I9c Variable in public use data file: K10Q40_R |
| Denominator | Children age 0-17 years |
| Numerator | Children whose parents definitely agree that their children are safe in the neighborhood; Children whose parents somewhat agree that their children are safe in the neighborhood; Children whose parents somewhat/definitely disagree that their children are safe in the neighborhood |
| Notes for Data-Users | |
| N/A | |
| Revisions in 2016 | |
| <p>There were changes to the wording of this question. For more information about the changes click here. Response option changed from "Always", "Usually", "Sometimes", or "Never" to "Definitely agree", "Somewhat agree", "Somewhat disagree" or "Definitely disagree".</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE NbhdSafe_16 = 999. IF K10Q40_R = 1 NbhdSafe_16 = 1. IF K10Q40_R = 2 NbhdSafe_16 = 2. IF K10Q40_R = 3 or K10Q40_R = 4 NbhdSafe_16 = 3. IF (SYSMIS(K10Q40_R)) NbhdSafe_16 = 99. VARIABLE LABELS NbhdSafe_16 "Indicator 7.2: Children live in safe neighborhoods". VALUE LABELS NbhdSafe_16 1 "Definitely agree" 2 "Somewhat agree" 3 "Somewhat or definitely disagree" 99 "Missing". FORMATS NbhdSafe_16(f2.0). MISSING VALUES NbhdSafe_16(99). EXECUTE. </pre> | |

| | |
|--|--|
| Indicator 7.3 | Safe school, age 6-17 years |
| Description | Is this child safe at school? |
| Survey Items Used | Survey instrument item number for children 6-11 years: I9e; for children 12-17 years: I9e Variable in public use data file: K10Q41_R |
| Denominator | Children age 6-17 years |
| Numerator | Children whose parents definitely agree that their children are safe at school; Children whose parents somewhat agree that their children are safe at school; Children whose parents somewhat or definitely disagree that their children are safe at school; |
| Notes for Data-Users | |
| N/A | |
| Revisions in 2016 | |
| <p>There were changes to the wording of this question. In the 2011/12 NSCH, children age 6-17 years who were either home-schooled or were not enrolled in school during the previous 12 months were not included in the denominator. Response options changed from "Always", "Usually", "Sometimes" or "Never" to "Definitely agree", "Somewhat agree", "Somewhat disagree" or "Definitely disagree". For more information about the changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K10Q41_R (1=1) (2=2) (3 thru 4=3) (SYSMIS=99) into SchISafe_16. IF SC_AGE_YEARS < 6 SchISafe_16 = 90. VARIABLE LABELS SchISafe_16 "Indicator 7.3: Children who are safe at schools, age 6-17 years". VALUE LABELS SchISafe_16 1 "Definitely agree" 2 "Somewhat agree" 3 "Somewhat or definitely disagree" 99 "Missing" 90 "Children age 0-5 years". FORMATS SchISafe_16(f2.0). MISSING VALUES SchISafe_16(90,99). EXECUTE. </pre> | |

| | |
|--|---|
| Indicator 7.4 | Neighborhood amenities |
| Description | Does this child live in a neighborhood that contains certain amenities -- parks, recreation centers, sidewalks or libraries? |
| Survey Items Used | Survey instrument item number for children 0-5 years: l8a-d; for children 6-11 years: l8a-d; for children 12-17 years: l8a-d Variable in public use data file: K10Q11; K10Q12; K10Q13; K10Q14 |
| Denominator | Children age 0-17 years |
| Numerator | Children live in neighborhoods that do not contain any amenities from the list of 4; Children live in neighborhoods that contain 1 amenity from the list; Children live in neighborhoods that contain 2 amenities from the list; Children live in neighborhoods that contain 3 amenities from the list; Children live in neighborhoods that contain all 4 amenities from the list |
| Notes for Data-Users | |
| This measure counts how many of four amenities - sidewalks or walking paths (K10Q11), parks or playground (K10Q12), recreation centers, community center, 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. | |
| Revisions in 2016 | |
| The content of the measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| RECODE K10Q11 (SYSMIS=99) (else=copy) into SideWlks_16. VARIABLE LABELS SideWlks_16 "Children who live in neighborhoods with sidewalks or walking paths". VALUE LABELS SideWlks_16 1 "Neighborhood contains sidewalks or walking paths" 2 "Neighborhood does not contain sidewalks or walking paths" 99 "Missing". RECODE K10Q12 (SYSMIS=99) (else=copy) into park_16. VARIABLE LABELS park_16 "Children who live in neighborhoods with a park or playground area". VALUE LABELS park_16 1 "Neighborhood contains a park or playground area" 2 "Neighborhood does not contain a park or playground area" 99 "Missing". RECODE K10Q13 (SYSMIS=99) (else=copy) into RecCentr_16. VARIABLE LABELS RecCentr_16 "Children who live in neighborhoods with recreation center, community | |

center or Boys'/Girls' Club".
 VALUE LABELS RecCentr_16
 1 "Neighborhood contains a recreation center, community center or Boys'/Girls' Club"
 2 "Neighborhood does not contain a recreation center, community center or Boys'/Girls' Club"
 99 "Missing".

RECODE K10Q14
 (SYSMIS=99) (else=copy) into library_16.
 VARIABLE LABELS library_16 "Children who live in neighborhoods with a library or bookmobile".
 VALUE LABELS library_16
 1 "Neighborhood contains a library or bookmobile"
 2 "Neighborhood does not contain a library or bookmobile"
 99 "Missing".

COUNT NbhdAmenities_16=K10Q11 K10Q12 K10Q13 K10Q14 (1).
 IF (SYSMIS(K10Q11)) or (SYSMIS(K10Q12)) or (SYSMIS(K10Q13)) or (SYSMIS(K10Q14))
 NbhdAmenities_16=99.
 VARIABLE LABELS NbhdAmenities_16 "Count of amenities in children's neighborhoods".
 VALUE LABELS NbhdAmenities_16
 0 "Neighborhood does not contain any amenities"
 1 "Neighborhood contains 1 amenity"
 2 "Neighborhood contains 2 amenities"
 3 "Neighborhood contains 3 amenities"
 4 "Neighborhood contains all 4 amenities"
 99 "Missing to any of the questions".
 FORMATS NbhdAmenities_16 (f3.0).
 MISSING VALUES NbhdAmenities_16 (99).

| | |
|--|---|
| Indicator 7.5 | Presence of detracting neighborhood elements |
| Description | 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? |
| Survey Items Used | Survey instrument item number for children 0-5 years: l8e-g; for children 6-11 years: l8e-g; for children 12-17 years: l8e-g Variable in public use data file: K10Q20; K10Q22; K10Q23 |
| Denominator | Children age 0-17 years |
| Numerator | Children live in neighborhoods with no detracting elements from the list of 3; Children live in neighborhoods that have 1 detracting element from the list; Children live in neighborhoods that have 2 detracting elements from the list, Children live in neighborhood that have all 3 detracting elements from the list |
| Notes for Data-Users | |
| 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. | |
| Revisions in 2016 | |
| The content of this measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K10Q20 (else=copy) into litter_16. VARIABLE LABELS litter_16 "Children who live in neighborhoods with litter or garbage on the street or sidewalk". VALUE LABELS litter_16 1 "Neighborhood has litter or garbage on sidewalks and streets" 2 "Neighborhood does not have litter or garbage on sidewalks and streets" 99 "Missing". RECODE K10Q22 (else=copy) into housing_16. VARIABLE LABELS housing_16 "Children who live in neighborhoods with poorly kept or rundown housing". VALUE LABELS housing_16 1 "Neighborhood has poorly kept or rundown housing" 2 "Neighborhood does not have poorly kept or dilapidated rundown housing" 99 "Missing". RECODE K10Q23 </pre> | |

```
(else=copy) into vandal_16.
VARIABLE LABELS vandal_16 "Children who live in neighborhoods with vandalism such as broken
windows or graffiti ".
VALUE LABELS vandal_16
1 "Neighborhood has broken windows or graffiti"
2 "Neighborhood does not have broken windows or graffiti"
99 "Missing".

COMPUTE NbhdDetract_16 = 999.

COMPUTE validcomm = 0.
COUNT validcomm=litter_16 housing_16 vandal_16 (1,2).

COMPUTE comm_cond = 0.
COUNT comm_cond=litter_16 housing_16 vandal_16 (1).
VARIABLE LABELS comm_cond "Number of neighborhood condition Items".

COMPUTE NbhdDetract_16 = 999.
IF comm_cond = 3 NbhdDetract_16 = 3.
IF comm_cond = 2 NbhdDetract_16 = 2.
IF comm_cond = 1 NbhdDetract_16 = 1.
IF comm_cond = 0 NbhdDetract_16 = 0.
IF validcomm < 3 NbhdDetract_16 = 99.
VARIABLE LABELS NbhdDetract_16 "Indicator 7.5: Presence of detracting neighborhood elements in the
neighborhood".
VALUE LABELS NbhdDetract_16
0 " Neighborhood does not have any detracting elements"
1 "Neighborhood has 1 detracting element"
2 "Neighborhood has 2 detracting elements"
3 "Neighborhood has 3 detracting elements"
99 "Missing to any of the questions".
MISSING VALUES NbhdDetract_16(99).
FORMATS NbhdDetract_16(f4.0).
EXECUTE.
```

| | U.S. children in 3 age groups |
|---|---|
| Description | What is this child's age? (3 age groups) |
| Survey Items Used | <p>Screeners Questionnaire item number: 3</p> <p>Variable in public use data file: SC_AGE_YEARS</p> |
| Denominator | Children age 0-17 years |
| Numerator | Age 0-5 years; Age 6-11 years; Age 12-17 years |
| Notes for Data-Users | |
| <p>Uses variable SC_AGE_YEARS in the 2016 NSCH public use file provided by the Census Bureau; aggregates into three groups. Age categories were created from initial screening questions asked for all children in the survey.</p> | |
| Revisions in 2016 | |
| <p>The 2016 asked age for all children in the household; children 0-5 years were oversampled. The oversampling of young children has been adjusted in weights in the public use file provided by Census Bureau.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SAS Syntax and Annotation | |
| <pre> RECODE SC_AGE_YEARS (0 thru 5=1) (6 thru 11=2) (12 thru 17=3) into age3_16 . VARIABLE LABELS age3_16 "Children's age in 3 categories". VALUE LABELS age3_16 1 "0-5 years old" 2 "6-11 years old" 3 "12-17 years old". EXECUTE . </pre> | |

| | |
|---|---|
| | U.S. children in 5 age groups |
| Description | What is this child's age? (5 age groups) |
| Survey Items Used | <p>Screeners Questionnaire item number: 3</p> <p>Variable in public use data file: SC_AGE_YEARS</p> |
| Denominator | Children age 0-17 years |
| Numerator | Age 0-3 years; Age 4-7 years; Age 8-11 years; Age 12-14 years; Age 15-17 years |
| Notes for Data-Users | |
| <p>Uses variable SC_AGE_YEARS in the 2016 NSCH public use file provided by the Census Bureau; aggregates into three groups. Age categories were created from initial screening questions asked for all children in the survey.</p> | |
| Revisions in 2016 | |
| <p>The 2016 asked age for all children in the household; children 0-5 years were oversampled. The oversampling of young children has been adjusted in weights in the public use file provided by Census Bureau.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SAS Syntax and Annotation | |
| <pre> RECODE SC_AGE_YEARS (0 thru 3=1) (4 thru 7=2) (8 thru 11=3) (12 thru 14=4) (15 thru 17=5) into age5_16 . VARIABLE LABELS age5_16 "Children's age in 5 categories". VALUE LABELS age5_16 1 "0-3 years old" 2 "4-7 years old" 3 "8-11 years old" 4 "12-14 years old" 5 "15-17 years old". EXECUTE. </pre> | |

| | Sex of child |
|---|---|
| Description | What is this child's sex? |
| Survey Items Used | <p>Screening Questionnaire item number: 4</p> <p>Variable in public use data file: SC_SEX</p> |
| Denominator | Children age 0-17 years |
| Numerator | Male children; Female children |
| Notes for Data-Users | |
| <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 2016 NSCH public use data file provided by the Census Bureau includes values of single imputation for SC_SEX variable.</p> | |
| Revisions in 2016 | |
| <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SAS Syntax and Annotation | |
| <pre> RECODE SC_SEX (SYSMIS=99) (1=1) (2=2) into sex_16. VARIABLE LABELS sex_16 "Sex of the child". VALUE LABELS sex_16 1 "Male" 2 "Female" 99 "Missing". MISSING VALUES sex_16(99). FORMATS sex_16(f4.0). EXECUTE. </pre> | |

| | Race and ethnicity distribution of the child population |
|--|--|
| Description | What is this child's race/ethnicity? |
| Survey Items Used | <p> Screener Questionnaire item number: 1,2</p> <p> Variable in public use data file: SC_HISPANIC_R; SC_RACE_R</p> |
| Denominator | Children age 0-17 years |
| Numerator | Hispanic children; White, non-Hispanic children; Black, non-Hispanic children; Other, non-Hispanic children |
| Notes for Data-Users | |
| <p>The questions about child's Hispanic origin and race were asked in the initial screening questionnaire. Responses to the race question are combined into SC_RACE_R. Responses to the question about Hispanic, Latino or Spanish origin is included as SC_HISPANIC_R. Hispanic origin and race information for the selected sample child was provided in the "Topical" public use file provided by the Census Bureau. For race4_16, 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 one race category of Asian, American Indian or Alaska Native, Native Hawaiian or other Pacific Islander, and some other race are grouped as "Other, non-Hispanic" because of small sample sizes in many states. Non-Hispanic children who reported more than one race are categorized as "Other, non-Hispanic".</p> <p>Hispanic origin had 0.57% missing cases and race had 0.32% missing values. The 2016 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> | |
| Revisions in 2016 | |
| <p>In the 2016 NSCH, detailed race categories for Asian were included in response options: Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese, other Asian. Additional specific race categories for Pacific Islander such as Guamanian or Chamorro and Samoan were included in the 2016 NSCH. These data are not released in the public use file.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SAS Syntax and Annotation | |
| <pre> COMPUTE race4_16 = 999. IF (SC_HISPANIC_R = 2) and (SC_RACE_R = 1) race4_16 = 2. IF (SC_HISPANIC_R = 2) and (SC_RACE_R = 2) race4_16 = 3. IF (SC_HISPANIC_R = 2) and (SC_RACE_R = 3 or SC_RACE_R = 4 or SC_RACE_R = 5 or SC_RACE_R = 6 or SC_RACE_R = 7) race4_16 = 4. IF (SC_HISPANIC_R = 1) race4_16 = 1. IF (SYSMIS(SC_HISPANIC_R)) or (SYSMIS(SC_RACE_R = 1)) race4_16 = 99. VARIABLE LABELS race4_16 "Race/ethnicity categories". VALUE LABELS race4_16 1 "Hispanic" 2 "White, non-Hispanic" 3 "Black, non-Hispanic" </pre> | |

Indicator and Subgroup Variables - Subgroups

4 "Other/Multi-racial, non-Hispanic"
99 "Missing to Hispanic or Race or both".
MISSING VALUES race4_16 (99).
FORMATS race4_16 (f4.0).
EXECUTE.

| | Race and ethnicity distribution of the child population including Asian data |
|--|---|
| Description | What is this child's race/ethnicity? |
| Survey Items Used | <p>Screening Questionnaire item number: 1,2</p> <p>Variable in public use data file: SC_HISPANIC_R; SC_RACE_R</p> |
| Denominator | Children ages 0-17 years |
| Numerator | Hispanic; White, non-Hispanic; Black, non-Hispanic; Asian, non-Hispanic; other, non-Hispanic |
| Notes for Data-Users | |
| <p>The questions about child's Hispanic origin and race were asked in the initial screening questionnaire. Responses to the question asks about the child's race are combined into SC_RACE_R and Hispanic, Latino or Spanish origin is included as SC_HISPANIC_R. Hispanic origin and race information for the selected sample child was provided in the "Topical" public use file provided by the Census Bureau. For raceAsia_16, 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 one race category of American Indian or Alaska Native, Native Hawaiian or other Pacific Islander, some other race are grouped as "Other, non-Hispanic" because of small sample sizes in many states. Non-Hispanic children who reported more than one race are categorized as "Other, non-Hispanic".</p> <p>Hispanic origin had 0.57% missing cases and race had 0.32% missing values. The 2016 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> | |
| Revisions in 2016 | |
| <p>The 2016 asked child's age for all children in the household in the initial screening questionnaire. In the 2016 NSCH, detailed race categories for Asian were included in response options: Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese, other Asian. Additional specific race categories for Pacific Islander such as Guamanian or Chamorro and Samoan were included in the 2016 NSCH. These data are not released in the public use file.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SAS Syntax and Annotation | |
| <pre> COMPUTE raceASIA_16 = 999. IF (SC_HISPANIC_R = 2) and (SC_RACE_R = 1) raceASIA_16 = 2. IF (SC_HISPANIC_R = 2) and (SC_RACE_R = 2) raceASIA_16 = 3. IF (SC_HISPANIC_R = 2) and (SC_RACE_R = 4) raceASIA_16 = 4. IF (SC_HISPANIC_R = 2) and (SC_RACE_R = 3 or SC_RACE_R = 5 or SC_RACE_R = 6 or SC_RACE_R = 7) raceASIA_16 = 5. IF (SC_HISPANIC_R = 1) raceASIA_16 = 1. IF (SYSMIS(SC_HISPANIC_R)) or (SYSMIS(SC_RACE_R = 1)) raceASIA_16 = 99. VARIABLE LABELS raceASIA_16 "Race/ethnicity categories". VALUE LABELS raceASIA_16 1 "Hispanic" </pre> | |

Indicator and Subgroup Variables - Subgroups

```
2 "White, non-Hispanic"  
3 "Black, non-Hispanic"  
4 "Asian, non-Hispanic"  
5 "Other/Multi-racial, non-Hispanic"  
99 "Missing to Hispanic or Race or both".  
MISSING VALUES raceASIA_16 (99).  
FORMATS raceASIA_16 (f4.0).  
EXECUTE.
```

| | Parental nativity |
|--|--|
| Description | What is the parent(s) generational status of this child? |
| Survey Items Used | Survey instrument item number for children 0-5 years: H1,J4; for children 6-11 years: H1,J4; for children 12-17 years: H1,J4 Variable in public use data file: HOUSE_GEN |
| Denominator | Children age 0-17 years |
| Numerator | All parents born in the US (3rd or higher generation HH); Any parent born outside of the US (1st and 2nd generation HH); Other (child born in United States, parents are not listed) |
| Notes for Data-Users | |
| <p>This variable was derived using HOUSE_GEN variable in the public use file 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 born abroad, no parent in the household born in the US; (2) Second generation household: at least one parent in the household born abroad, child born in US or child 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) Child is born in US, not parents are listed.</p> <p>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> | |
| Revisions in 2016 | |
| <p>In the 2016 NSCH, questions about relationship to the child and place where the adult born were asked from two adults in the household who are the child's primary caregivers. Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SAS Syntax and Annotation | |
| <pre> RECODE HOUSE_GEN (1 thru 2=2) (3=1) (4=3) (SYSMIS=99) into PrntNativity_16. VARIABLE LABELS PrntNativity_16 "Generational status of the parents - collapsed 1st and 2nd generational status of HH". VALUE LABELS PrntNativity_16 1 "All parents born in the US (3rd or higher generation HH)" 2 "Any parent born outside of the US (1st and 2nd generation HH)" 3 "Other (child born in United States, parents are not listed)" 99 "Missing". MISSING VALUES PrntNativity_16(99). EXECUTE. </pre> | |

| | Primary household language |
|---|---|
| Description | What is the primary language spoken in home? |
| Survey Items Used | <p> Screener Questionnaire item number (household section): 3</p> <p> Variable in public use data file: HHLANGUAGE</p> |
| Denominator | Children age 0-17 years |
| Numerator | Children whose primary language spoken in the household is English; Children whose primary language spoken in the household is other than English |
| Notes for Data-Users | |
| <p>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).</p> | |
| Revisions in 2016 | |
| <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SAS Syntax and Annotation | |
| <pre> RECODE HHLANGUAGE (1=1) (2 thru 3=2) (SYSMIS=99)into HHLanguage_16. VARIABLE LABELS HHLanguage_16 "Primary household language spoken in the household". VALUE LABELS HHLanguage_16 1 "English" 2 "Other than English" 99 "Missing". MISSING VALUES HHLanguage_16(99). FORMATS HHLanguage_16(f4.0). EXECUTE. </pre> | |

| | Primary household language for Hispanic children |
|---|---|
| Description | What is the primary language spoken in home for Hispanic children? |
| Survey Items Used | <p> Screener Questionnaire item number: 1,2; 3 (household section)</p> <p> Variable in public use data file: SC_HISPANIC_R; SC_RACE_R; HHLANGUAGE</p> |
| Denominator | Children age 0-17 |
| Numerator | Hispanic children from a primarily non-English speaking home; Hispanic children from a primarily English speaking home; Non-Hispanic children |
| Notes for Data-Users | |
| <p>This measure is based on the assumption that Spanish is the household language for Hispanic children living in non-English language households. Although this may not be true in every case, results from the 2016 NSCH indicate that it is a viable proxy. According to survey respondents, 41.3% of Hispanic children ages 0-17 years in the U.S lived in households where the primary language was not English.</p> | |
| Revisions in 2016 | |
| <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SAS Syntax and Annotation | |
| <pre> COMPUTE hisplang_16 = 999. IF (SC_HISPANIC_R= 1) and (HHLANGUAGE = 2 or (HHLANGUAGE = 3)) hisplang_16 = 1. IF (SC_HISPANIC_R = 1) and (HHLANGUAGE = 1) hisplang_16 = 2. IF SC_HISPANIC_R = 2 hisplang_16 = 3. IF (SYSMIS(HHLANGUAGE)) or (SYSMIS(SC_HISPANIC_R)) hisplang_16 = 99. VARIABLE LABELS hisplang_16 "Primary household language parsed to Hispanic and non-Hispanic". VALUE LABELS hisplang_16 1 "Hispanic children, non-English PHH language" 2 "Hispanic children, English PHH language" 3 "Non-Hispanic child" 99 "Missing to any". MISSING VALUES hisplang_16 (99). FORMATS hisplang_16 (f4.0). </pre> | |

| | Family structure of child's household |
|--|--|
| Description | What is the family structure that this child lives in? |
| Survey Items Used | Survey instrument item number for children 0-5 years: J1, J7; for children 6-11 years: J1, J7; for children 12-17 years J1, J7 Variable name in public use data file: FAMILY |
| Denominator | Children age 0-17 years |
| Numerator | Two parents (both biological or adoptive, or one not biological or adoptive), currently married; Two parents (both biological or adoptive, or one not biological or adoptive), not currently married; Single mother (currently married (living apart), formerly married or never married); Other family type, no parent reported |
| Notes for Data-Users | |
| <p>The composite measure of family structure, FAMILY, was created by the Census Bureau for the 2016 NSCH public use data file. Family type is characterized by number of parents or parent figures present in the household (one, two or other family type), the relationships of parents or other adults in the household (biological/adoptive parents, step-parents, or other family structure) and their marital status. A"Family structure" refers to parents living in the household. Parents were identified if the reported adult(s) is(are) biological/adoptive or step parent(s). Households identified as having same sex two mothers or fathers of the same type (biological/adoptive or step) were categorized to the appropriate two parent family. Single mother type was identified if the second adult response is "There is only one primary adult caregiver for this child" (A2_RELATION = 8) and first adult is female (A1_SEX = 2) currently (living apart), formerly married or never married.</p> | |
| Revisions in 2016 | |
| <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SAS Syntax and Annotation | |
| <pre> RECODE FAMILY (1=1) (2=2) (3=1) (4=2) (5 thru 6=3) (7 thru 9=4) (SYSMIS=99) into famstruct_16. VARIABLE LABELS famstruct_16 "Family structure". VALUE LABELS famstruct_16 1 "Two parents, currently married" 2 "Two parents, not currently married" 3 "Single mother (currently married (living apart), formerly married or never married)" 4 "Other family type, no parent reported" 99 "Missing". MISSING VALUES famstruct_16(99). FORMATS famstruct_16 (F4.0). </pre> | |

| | Income level of child's household |
|--|---|
| Description | What is the income level (federal poverty level, FPL) of the household that this child lives in? |
| Survey Items Used | Survey instrument item number for children 0-5 years: K1-K4; for children 6-11 years: K1-K4; for children 12-17 years: K1-K4 Variable in public use data file: FPL |
| Denominator | Children age 0-17 years |
| Numerator | 0-99% FPL; 100-199% FPL; 200-399% FPL; 400% FPL or more |
| Notes for Data-Users | |
| <p>Household income and household size variables were multiply imputed and these variables were combined to derive the child's household poverty level (Federal Poverty Level, FPL). The FPL variable had 18.56% missing values which may result in biased estimates. The impact of missing values on population count estimates is available on the DRC website. The 2016 NSCH public data file provided by the Census Bureau includes the derived poverty level variable FPL which includes values of the first imputation from six implications.</p> <p>The income level variable povlev4_16 in the DRC 2016 NSCH Indicator Dataset was generated using a single imputation value from the 2016 NSCH imputed data file. Please note that poverty level estimates and confidence intervals based on a single imputed income may differ slightly from those obtained using multiple imputation methods. A data file and documentation containing all six imputation for the FPL variable is available on the United States Census Bureau website: https://census.gov/programs-surveys/nsch.html</p> | |
| Revisions in 2016 | |
| <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SAS Syntax and Annotation | |
| <pre> RECODE FPL (0 thru 99=1) (100 thru 199=2) (200 thru 399=3) (400 thru HIGHEST=4) into povlev4_16. VARIABLE LABELS povlev4_16 "Poverty level of this household based on DHHS guidelines - Imputed". VALUE LABELS povlev4_16 1 "0-99% FPL" 2 "100-199% FPL" 3 "200-399% FPL" 4 "400% FPL or greater". FORMATS povlev4_16 (F4.0). </pre> | |

| | Income level of child's household - SCHIP groupings |
|---|---|
| Description | 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? |
| Survey Items Used | Survey instrument item number for children 0-5 years: K1-K4; for children 6-11 years: K1-K4; for children 12-17 years: K1-K4 Variable in public use data file: FPL |
| Denominator | Children age 0-17 years |
| Numerator | 0-199% FPL; 200-299% FPL; 300-399% FPL; 400% FPL or more |
| Notes for Data-Users | |
| <p>Household income and household size variables were multiply imputed and these variables were combined to derive the child's household poverty level (Federal Poverty Level, FPL). The FPL variable had 18.56% missing values which may result in biased estimates. The impact of missing values on population count estimates is available on the DRC website. The 2016 NSCH public data file provided by the Census Bureau includes the derived poverty level variable FPL which includes values of the first imputation from six implications.</p> <p>The income level variable povSchip_16 in the DRC 2016 NSCH Indicator Dataset was generated using a single imputation value from the 2016 NSCH imputed data file. Please note that poverty level estimates and confidence intervals based on a single imputed income may differ slightly from those obtained using multiple imputation methods. A data file and documentation containing all six imputation for the FPL variable is available on the United States Census Bureau website: https://census.gov/programs-surveys/nsch.html</p> | |
| Revisions in 2016 | |
| <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SAS Syntax and Annotation | |
| <p>RECODE FPL (0 thru 199=1) (200 thru 299=2) (300 thru 399=3) (400 thru HIGHEST=4) into povSCHIP_16. VARIABLE LABELS povSCHIP_16 "Poverty level of this household based on DHHS guidelines - Imputed recoded into 4 categories based on SCHIP qualification". VALUE LABELS povSCHIP_16 1 "0-199% FPL" 2 "200-299% FPL" 3 "300-399% FPL" 4 "400% FPL or greater". FORMATS povSCHIP_16 (F4.0).</p> | |

| | Highest education of adult in household |
|---|--|
| Description | What is the highest education of adult in this child's household? |
| Survey Items Used | Survey instrument item number for children 0-5 years: J16; for children 6-11 years: J16; for children 12-17 years: J16 Variable in public use data file: HIGRADE_TVIS |
| Denominator | Children age 0-17 years |
| Numerator | Less than high school education; High school or GED; Some college or technical school; College degree or higher |
| Notes for Data-Users | |
| The highest education level reported by Adult 1 and Adult 2 (if any) who are identified as the child's primary care giver was considered for this measure. | |
| Revisions in 2016 | |
| <p>The 2011/12 asked the highest education level of parents first and then non-parent respondent if the respondent is not the child's mother or father. Highest education level of 2 adults (if any) in the household who are the child's primary caregiver(s) were asked in the 2016 NSCH.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SAS Syntax and Annotation | |
| <pre> RECODE HIGRADE_TVIS (SYSMIS=99) (else=copy) into AdultEduc_16. VARIABLE LABELS AdultEduc_16 "Highest level of education among reported adults". VALUE LABELS AdultEduc_16 1 "Less than high school" 2 "High school or GED" 3 "Some college or technical school" 4 "College degree or higher" 99 "Missing". MISSING VALUES AdultEduc_16(99). FORMATS AdultEduc_16(f4.0). EXECUTE. </pre> | |

Title V Block Grant Measures:

National Preformance and Outcome Measures



National Performance Measures

| | |
|---|--|
| NPM 6 | Developmental screening, age 9-35 months |
| Description | Percent of children, ages 9 through 35 months, who received a developmental screening using a parent-completed screening tool in the past year |
| Survey Items Used | Survey instrument item number for children 0-5 years: C8 Variable name in public use data file: K6Q12; K6Q13A; K6Q13B; K6Q14A; K6Q14B |
| Denominator | Children, ages 9 through 35 months |
| Numerator | Children, ages 9 through 35 months (2 years), whose parents completed a Standardized Developmental Screening tool in the past year |
| Notes for Data-Users | |
| <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. The measure uses age-appropriate questions to verify whether young children received developmental, behavioral and social screening using a parent-reported, standardized screening tool or instrument.</p> <p>Parents of children between 9 months and 5 years old were asked the 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).</p> | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, developmental screening questions were asked among children 10 months to 71 months (5 years) who received one or more types of services: medical, dental, mental health care or received/needed a specialist care (NUMB_SERVICES>0). In the 2016 NSCH, these questions were asked among children 9-71 months. However, the denominator of this measure changed to all children 9-35 months to align with the AAP recommendation. For more information on the changes, click here. The measure is considered missing if both types of contents are missing.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre>COMPUTE both_9to23 = 999. IF K6Q13A = 2 or K6Q13B = 2 both_9to23 = 2. IF (K6Q13A = 1 or (SYSMIS(K6Q13A))) and (K6Q13B = 1 or (SYSMIS(K6Q13B))) both_9to23 = 1. IF (SYSMIS(K6Q13A)) and (SYSMIS(K6Q13B)) both_9to23 = 99. IF K6Q12 = 2 both_9to23 = 2. IF SC_AGE_LT9 = 1 both_9to23 = 95. IF SC_AGE_YEARS > 1 and SC_AGE_YEARS < 6 both_9to23 = 95. IF SC_AGE_YEARS > 5 both_9to23 = 90.</pre> | |

VARIABLE LABELS both_9to23 "Yes/screening occurred group -- ages 9-23 months".

VALUE LABELS both_9to23

1 "Yes to both types or Yes to one and Missing to another type of content"

2 "No to at least one type of content"

99 "Missing to both types of content"

95 "Children age 0-8 months or 2-5 years"

90 "Children age 6-17 years".

EXECUTE.

COMPUTE both_24to35 = 999.

IF K6Q14A=2 or K6Q14B=2 both_24to35 = 2.

IF (K6Q14A = 1 or (SYSMIS(K6Q14A))) and (K6Q14B = 1 or (SYSMIS(K6Q14B))) both_24to35 = 1.

IF (SYSMIS(K6Q14A)) and (SYSMIS(K6Q14B)) both_24to35 = 99.

IF K6Q12 = 2 both_24to35 = 2.

IF SC_AGE_YEARS > 5 both_24to35 = 90.

IF SC_AGE_YEARS < 2 or (SC_AGE_YEARS>2 and SC_AGE_YEARS<6) both_24to35 = 95.

VARIABLE LABELS both_24to35 "Yes/screening occurred group -- ages 24-35 months".

VALUE LABELS both_24to35

1 "Yes to both types or Yes to one and Missing to another type of content"

2 "No to at least one type of content"

99 "Missing to both types of content"

95 "Children age 0-1 or 3-5 years"

90 "Children age 6-17 years".

EXECUTE.

COMPUTE DevScrnnng_16 = 999.

IF both_9to23 = 1 or both_24to35 = 1 DevScrnnng_16 = 1.

IF K6Q12 = 2 DevScrnnng_16 = 2.

IF both_9to23 = 2 or both_24to35 = 2 DevScrnnng_16 = 2.

IF both_9to23 = 99 or both_24to35 = 99 DevScrnnng_16 = 99.

IF (SYSMIS(K6Q12)) DevScrnnng_16 = 99.

IF SC_AGE_LT9 = 1 or (SC_AGE_YEARS>2 and SC_AGE_YEARS<6) DevScrnnng_16 = 95.

IF SC_AGE_YEARS > 5 DevScrnnng_16 = 90.

VARIABLE LABELS DevScrnnng_16 "Indicator 4.10: Children who received a developmental screening using a parent-completed screening tool, age 9-35 months".

VALUE LABELS DevScrnnng_16

1 "Parent completed developmental screening"

2 "Parent did not complete developmental screening"

99 "Missing"

90 "Children age 6-17 years"

95 "Children age 0-8 months or 3-5 years".

MISSING VALUES DevScrnnng_16(90,95,99).

EXECUTE.

*** National Performance Measure 6: Percent of children, ages 9 through 35 months, who received a developmental screening using a parent-completed screening tool in the past year

RECODE DevScrnnng_16

(else=copy) into npm6DSc_16.

VARIABLE LABELS npm6DSc_16 "National Performance Measure 6: Percent of children, ages 9 through 35 months, who received a developmental screening using a parent-completed screening tool in the past year".

VALUE LABELS npm6DSc_16

1 "Parent completed developmental screening"
2 "Parent did not complete developmental screening"
99 "Missing"
90 "Children age 6-17 years"
95 "Children age 0-8 months or 3-5 years".
MISSING VALUES npm6DSc_16(90,95,99).
FORMATS npm6DSc_16(f4.0).
EXECUTE.

| | |
|--|---|
| NPM 8.1 | Physical activity, age 6-11 years |
| Description | Percent of children, ages 6 through 11, who are physically active at least 60 minutes per day |
| Survey Items Used | Survey instrument item number for children 6-11 years: G6 Variable name in public use data file: PHYSACTIV |
| Denominator | Children, ages 6 through 11 |
| Numerator | Children, ages 6 through 11, who are reported by their parents to be physically active at least 60 minutes per day in the past week |
| Notes for Data-Users | |
| This survey question was asked among children 6-17 years of age. However, the DRC provides two separate physical activity measures based on children's age group (6-11 years and 12-17 years). | |
| Revisions in 2016 | |
| <p>The content of this measure significantly changed. In the 2011/12 NSCH, parents were asked if a child regularly completed 20 minutes of physical activity per day. The 2016 NSCH asked if a child regularly completes 60 minutes of physical activity per day, reflecting the National Performance Measure #8. In the 2011/12 NSCH, answer choices were open-ended and survey respondents could indicate up to 7 days. For more information on content changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE PHYSACTIV (SYSMIS=99) (else=copy) into PhysAct_16. IF SC_AGE_YEARS < 6 PhysAct_16 = 90. VARIABLE LABELS PhysAct_16 "Indicator 1.5 Children who are physically active at least 60 minutes per day, age 6-17 years". VALUE LABELS PhysAct_16 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Everyday" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES PhysAct_16(90,99). FORMATS PhysAct_16(f2.0). EXECUTE. *** National Performance Measure 8.1: Percent of children, ages 6 through 11, who are physically active at least 60 minutes per day RECODE PhysAct_16 </pre> | |

Title V Block Grant Measures - National Performance Measures

```
(1 thru 2=1) (3=2) (4=3) (else=copy) into npm8PhAc6to11_16.  
IF SC_AGE_YEARS < 6 npm8PhAc6to11_16 = 90.  
IF SC_AGE_YEARS > 11 npm8PhAc6to11_16 = 95.  
VARIABLE LABELS npm8PhAc6to11_16 "National Performance Measure 8.1: Percent of children, ages 6  
through 11, who are physically active at least 60 minutes per day".  
VALUE LABELS npm8PhAc6to11_16  
1 "0-3 days"  
2 "4-6 days"  
3 "Everyday"  
99 "Missing"  
90 "Children age 0-5 years"  
95 "Children age 12-17 years".  
MISSING VALUES npm8PhAc6to11_16(90,95,99).  
FORMATS npm8PhAc6to11_16(f2.0).  
EXECUTE.
```

| | |
|---|--|
| NPM 8.2 | Physical activity, age 12-17 years |
| Description | Percent of adolescents, ages 12 through 17, who are physically active at least 60 minutes per day |
| Survey Items Used | Survey instrument item number for children 12-17 years: G6 Variable name in public use data file: PHYSACTIV |
| Denominator | Adolescents, ages 12 through 17 |
| Numerator | Aadolescents, ages 12 through 17, who are reported by their parents to be physically active at least 60 minutes per day in the past week |
| Notes for Data-Users | |
| This survey question was asked among children 6-17 years of age. However, the DRC provides two separate physical activity measures based on children's age group (6-11 years and 12-17 years). | |
| Revisions in 2016 | |
| <p>The content of this measure significantly changed. In the 2011 NSCH, parents were asked if a child regularly completed 20 minutes of physical activity per day. The 2016 NSCH asked if a child regularly completes 60 minutes of physical activity per day, reflecting the National Performance Measure #8. In the 2011/12 NSCH, answer choices were open-ended and survey respondents could indicate up to 7 days. For more information on content changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE PHYSACTIV (SYSMIS=99) (else=copy) into PhysAct_16. IF SC_AGE_YEARS < 6 PhysAct_16 = 90. VARIABLE LABELS PhysAct_16 "Indicator 1.5 Children who are physically active at least 60 minutes per day, age 6-17 years". VALUE LABELS PhysAct_16 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Everyday" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES PhysAct_16(90,99). FORMATS PhysAct_16(f2.0). EXECUTE. </pre> <p>***National Performance Measure 8.2: Percent of adolescents, age 12-17 years, who are physically active at least 60 minutes per day</p> | |

```

RECODE PhysAct_16
  (else=copy) into npm8PhAc12to17_16.
IF SC_AGE_YEARS < 6 npm8PhAc12to17_16 = 90.
IF SC_AGE_YEARS > 5 and SC_AGE_YEARS < 12 npm8PhAc12to17_16 = 95.
VARIABLE LABELS npm8PhAc12to17_16 "National Performance Measure 8.2: Percent of adolescents,
age 12-17 years, who are physically active at least 60 minutes per day".
VALUE LABELS npm8PhAc12to17_16
  1 "0 days"
  2 "1-3 days"
  3 "4-6 days"
  4 "Everyday"
  99 "Missing"
  90 "Children age 0-5 years"
  95 "Children age 6-11 years".
MISSING VALUES npm8PhAc12to17_16(90,95,99).
FORMATS npm8PhAc12to17_16(f2.0).
EXECUTE.

```


| | |
|--|---|
| NPM 9 | Bully others, age 12-17 years |
| Description | Percent of adolescents, ages 12 through 17, who bully others |
| Survey Items Used | Survey instrument item number for children 12-17 years: A3g Variable name in public use data file: K7Q71_R |
| Denominator | Adolescents, ages 12 through 17 |
| Numerator | Adolescents, ages 12 through 17, who are reported by a parent/guardian to bully others |
| Notes for Data-Users | |
| This survey question asked, "How well does this phrase describe this child: 'child bullies others, picks on them, or excludes them?'" The numerator for this measure is defined by combining "definitely true" or "somewhat true" responses. | |
| Revisions in 2016 | |
| <p>Response options changed from "Never, Rarely, Sometimes, Usually, or Always true" to "Definitely true, Somewhat true, or Not true. Reference to the "past month" was not included in the 2016 NSCH. For more information about the content changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K7Q71_R (1 thru 2=1) (3=2) (SYSMIS=99) into bully_16. IF SC_AGE_YEARS < 6 bully_16 = 90. VARIABLE LABELS bully_16 "Indicator 2.1: Children bully others, pick on them or exclude them, age 6-17 years". VALUE LABELS bully_16 1 "Definitely or somewhat true" 2 "Not true" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES bully_16(90,99). EXECUTE. *** National Performance Measure 9: Percent of adolescents, age 12-17 years, who bully others RECODE bully_16 (else=copy) into npm9bully_16. IF SC_AGE_YEARS < 6 npm9bully_16 = 90. IF SC_AGE_YEARS > 5 and SC_AGE_YEARS < 12 npm9bully_16 = 95. VARIABLE LABELS npm9bully_16 "National Performance Measure 9: Percent of adolescents, age 12-17 years, who bully others". VALUE LABELS npm9bully_16 </pre> | |

```
1 "Definitely or somewhat true"  
2 "Not true"  
99 "Missing"  
90 "Children age 0-5 years"  
95 "Children age 6-11 years".  
MISSING VALUES npm9bully_16(90,95,99).  
FORMATS npm9bully_16(f4.0).  
EXECUTE.
```

| | |
|---|---|
| NPM 9 | Bullied, age 12-17 years |
| Description | Percent of adolescents, ages 12 through 17, who are bullied |
| Survey Items Used | Survey instrument item number for children 12-17 years: A3g Variable name in public use data file: BULLIED |
| Denominator | Adolescents, ages 12 through 17 |
| Numerator | Adolescents, ages 12 through 17, who are reported by a parent/guardian to be bullied |
| Notes for Data-Users | |
| The survey question asked, "How well does this phrase describe this child: 'this child is bullied, picked on, or excluded by other children?'. The numerator was defined by combining "definitely true" or "somewhat true" responses. | |
| Revisions in 2016 | |
| The 2011/12 NSCH and 2009/10 NS-CSHCN only asked about children who bully others. The 2016 NSCH asked if a child "is bullied, picked on, or excluded by other children". For more information on the content changes click here . | |
| SPSS Syntax and Annotation | |
| <p>RECODE BULLIED (1 thru 2=1) (3=2) (SYSMIS=99) into bullied_16. IF SC_AGE_YEARS < 6 bullied_16 = 90. VARIABLE LABELS bullied_16 "Indicator 2.2: Children who are bullied, picked on, or excluded by other children, age 6-17 years". VALUE LABELS bullied_16 1 "Definitely or somewhat true" 2 "Not true" 3 "Not true" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES bullied_16(90,99). EXECUTE.</p> <p>*** National Performance Measure 9: Percent of adolescents, age 12-17 years, who are bullied</p> <p>RECODE bullied_16 (1 thru 2 = 1) (3=2) (else=copy) into npm9bullied_16. IF SC_AGE_YEARS < 6 npm9bullied_16 = 90. IF SC_AGE_YEARS > 5 and SC_AGE_YEARS < 12 npm9bullied_16 = 95. VARIABLE LABELS npm9bullied_16 "National Performance Measure 9: Percent of adolescents, age 12-17 years, who are bullied". VALUE LABELS npm9bullied_16 1 "Definitely or somewhat true" 2 "Not true" 99 "Missing" 90 "Children age 0-5 years"</p> | |

Title V Block Grant Measures - National Performance Measures

```
95 "Children age 6-11 years".  
MISSING VALUES npm9bullied_16(90,95,99).  
FORMATS npm9bullied_16(f4.0).  
EXECUTE.
```

| | |
|--|--|
| NPM 10 | Preventive medical visit, age 12-17 years |
| Description | Percent of adolescents, ages 12 through 17, with a preventive medical visit in the past year |
| Survey Items Used | Survey instrument item number for children 0-5 years: C2;C1; for children 6-11 years: C2;C1; for children 12-17 years: C2;C1 Variable name in public use data file: S4Q01; K4Q20R |
| Denominator | Adolescents, ages 12 through 17 |
| Numerator | Adolescents, ages 12-17 years, with a preventive medical visit in the past year |
| Notes for Data-Users | |
| This survey question asked, "During the past 12 months, how many times did this child visit a doctor, nurse, or other health care professional to receive a preventive check-up? A preventive check-up occurs when this child was not sick or injured, such as an annual or sports physical, or well-child visit." | |
| Revisions in 2016 | |
| Responses were reported as a continuous number in the 2011/12 NSCH, and were reported categorically (No visit, 1 visit or 2 or more visits) in the 2016 NSCH. The content of this measure is similar to 2011/12 NSCH; there were changes to the wording of the question. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <p>COMPUTE PrevMed_16 = 999. IF K4Q20R=2 or K4Q20R = 3 PrevMed_16 = 1. IF K4Q20R = 1 PrevMed_16 = 2. IF (SYSMIS(K4Q20R)) PrevMed_16 = 99. IF S4Q01 = 2 PrevMed_16 = 2. IF (SYSMIS(S4Q01)) PrevMed_16 = 99. VARIABLE LABELS PrevMed_16 "Indicator 4.1a: Children who had one or more preventive medical care visits during past 12 months". VALUE LABELS PrevMed_16 1 "One or more preventive visits" 2 "No preventive care visits" 99 "Missing". MISSING VALUES PrevMed_16(99). FORMATS PrevMed_16(f2.0). EXECUTE.</p> <p>*** National Performance Measure 10: Percent of adolescents, age 12-17 years, with a preventive medical visit in the past year</p> <p>RECODE PrevMed_16</p> | |

```
(else=copy) into npm10PrVi_16.
IF SC_AGE_YEARS < 12 npm10PrVi_16 = 95.
VARIABLE LABELS npm10PrVi_16 "National Performance Measure 10: Percent of adolescents, age 12-17
years, with a preventive medical visit in the past year".
VALUE LABELS npm10PrVi_16
1 "One or more preventive visits"
2 "No preventive care visits"
99 "Missing"
95 "Children age 0-11 years".
MISSING VALUES npm10PrVi_16(95,99).
FORMATS npm10PrVi_16(f2.0).
EXECUTE.
```

| | |
|---|--|
| NPM 11 | Medical home, children with special health care needs |
| Description | Percent of children with special health care needs, ages 0 through 17, who have a medical home |
| Survey Items Used | <p>Survey instrument item number for children 0-5 years: C9,C10, D1-4, D7-12; for children 6-11 years: C7,C8, D1-4, D7-12; for children 12-17 years: C8,C9, D1-4, D7-12</p> <p>Variable name in public use data file: K4Q01; K4Q02_R; K4Q04; K5Q10; K5Q11; K5Q40; K5Q41; K5Q42; K5Q43; K5Q44; K5Q20_R; K5Q21; K5Q22; K5Q30; K5Q31_R; K5Q32</p> |
| Denominator | Children with special health care needs, ages 0 through 17 |
| Numerator | Children with special health care needs, ages 0 through 17, who meet the criteria for having a medical home (personal doctor or nurse, usual source for care, and family-centered care; referrals or care coordination if needed) |
| Notes for Data-Users | |
| <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.</p> <p>In the 2016 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"> - Personal doctor or nurse - Usual source for sick and well care - Family-centered care - Problems getting needed referrals - Effective Care Coordination when needed. <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.</p> <p>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> | |
| Revisions in 2016 | |
| <p>There are a few changes to the Medical Home composite measure compared to the 2011/12 NSCH:</p> <p>(1) Usual source for care subcomponent: Even though the 2016 NSCH now asks about a usual source for preventive care, this subcomponent still only includes the usual source for sick care item. Additionally, in the 2016 NSCH, the response options for the follow up item about the type of places child usually goes for sick care do not include "Friend/Relative", "Mexico/Other locations out of US", and "Does not go to one place most often".</p> <p>(2) Care coordination subcomponent: In the 2011/12 NSCH, the care coordination component was</p> | |

measured among all children who received more than one type of service: medical, dental, mental health care or received/needed a specialist care (NUMB_SERVICES>1). In the 2016 NSCH, the number of children who needed care coordination was defined based on the parent's response to the question: "Does anyone helped you to arrange or coordinate care among different doctors or services that this child uses?". If the parent responded, "Did not see more than one health care provider in past 12 months" to the question (K5Q20_R), it was assumed the child did not need care coordination.

(3) In the 2011/12 NSCH, when any component of medical home was missing, the entire composite medical home measure was considered missing. In the NSCH 2016, the composite medical home measure is only considered missing if all components are missing. Therefore, children with a valid, positive response to at least one component and the remainder of the components were missing or legitimately skipped are categorized as having a medical home. For more information on content changes, [click here](#).

Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.

SPSS Syntax and Annotation

****Indicator 4.12a: Medical Home Component: Personal doctor or nurse**

```
COMPUTE PerDrNs_16 = 999.
IF K4Q04_R = 1 or K4Q04_R = 2 PerDrNs_16 = 1.
IF K4Q04_R = 3 PerDrNs_16 = 2.
IF (SYSMIS(K4Q04_R)) PerDrNs_16 = 99.
VARIABLE LABELS PerDrNs_16 "Indicator 4.12a: Medical Home Component: Children with a personal
doctor or nurse".
VALUE LABELS PerDrNs_16
1 "Have at least one personal doctor or nurse"
2 "Do not have a personal doctor or nurse"
99 "Missing".
MISSING VALUES PerDrNs_16(99).
FORMATS PerDrNs_16(f4.0).
```

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

```
COMPUTE UsualSck_16 = 999.
IF (SYSMIS(K4Q01)) or (SYSMIS(K4Q02_R)) UsualSck_16 = 99.
IF K4Q01 = 1 and (K4Q02_R=1 or K4Q02_R=3 or K4Q02_R=4 or K4Q02_R=5 or K4Q02_R=6 or
K4Q02_R=7) UsualSck_16 = 1.
IF K4Q01 = 2 or K4Q02_R = 2 UsualSck_16 = 2.
VARIABLE LABELS UsualSck_16 "Usual sources for sick care".
VALUE LABELS UsualSck_16
1 "Have usual sources for sick care"
2 "Do not have usual sources for sick care"
99 "Missing".
```

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

```
COMPUTE time_16 = 999.
IF (SYSMIS(K5Q40)) time_16 = 99.
IF S4Q01 = 2 time_16 = 0.
IF K5Q40 = 3 or K5Q40 = 4 time_16 = 3.
IF K5Q40 = 2 time_16 = 2.
```



```

IF K5Q40 = 1 time_16 = 1.
VARIABLE LABELS time_16 "Doctors spent enough time with children".
VALUE LABELS time_16
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES time_16(99).

COMPUTE listen_16 = 999.
IF (SYSMIS(K5Q41)) listen_16 = 99.
IF S4Q01 = 2 listen_16 = 0.
IF K5Q41 = 3 or K5Q41 = 4 listen_16 = 3.
IF K5Q41 = 2 listen_16 = 2.
IF K5Q41 = 1 listen_16 = 1.
VARIABLE LABELS listen_16 "Doctors listened carefully to children's parents".
VALUE LABELS listen_16
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES listen_16(99).

COMPUTE sensitiv_16 = 999.
IF (SYSMIS(K5Q42)) sensitiv_16 = 99.
IF S4Q01 = 2 sensitiv_16 = 0.
IF K5Q42 = 3 or K5Q42 = 4 sensitiv_16 = 3.
IF K5Q42 = 2 sensitiv_16 = 2.
IF K5Q42 = 1 sensitiv_16 = 1.
VARIABLE LABELS sensitiv_16 "Doctors showed sensitivity to children's family's values and customs".
VALUE LABELS sensitiv_16
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".
MISSING VALUES sensitiv_16(99).

COMPUTE info_16 = 999.
IF (SYSMIS(K5Q43)) info_16 = 99.
IF S4Q01 = 2 info_16 = 0.
IF K5Q43 = 3 or K5Q43 = 4 info_16 = 3.
IF K5Q43 = 2 info_16 = 2.
IF K5Q43 = 1 info_16 = 1.
VARIABLE LABELS info_16 "Doctors provided information specific to parents' concerns".
VALUE LABELS info_16
0 "Did not have a health care visit in the past 12 months"
1 "Always"
2 "Usually"
3 "Sometimes or never"
99 "Missing".

```

MISSING VALUES info_16(99).

COMPUTE partner_16 = 999.

IF (SYSMIS(K5Q44)) partner_16 = 99.

IF S4Q01 = 2 partner_16 = 0.

IF K5Q44 = 3 or K5Q44 = 4 partner_16 = 3.

IF K5Q44 = 2 partner_16 = 2.

IF K5Q44 = 1 partner_16 = 1.

VARIABLE LABELS partner_16 "Doctors helped parents to feel like partners in child's care".

VALUE LABELS partner_16

0 "Did not have a health care visit in the past 12 months"

1 "Always"

2 "Usually"

3 "Sometimes or never"

99 "Missing".

MISSING VALUES partner_16(99).

MISSING VALUES time_16 listen_16 sensitiv_16 info_16 partner_16().

COMPUTE FamCent_16 = 999.

IF (time_16 = 3 or time_16=99) or (listen_16 = 3 or listen_16=99) or (sensitiv_16 = 3 or sensitiv_16=99) or (info_16 = 3 or info_16=99) or

(partner_16 = 3 or partner_16=99) FamCent_16 = 2.

IF (time_16=1 or time_16=2 or time_16=99) and (listen_16=1 or listen_16=2 or listen_16=99) and (sensitiv_16=1 or sensitiv_16=2 or sensitiv_16=99) and

(info_16=1 or info_16=2 or info_16=99) and (partner_16=1 or partner_16=2 or partner_16=99)

FamCent_16 = 1.

IF time_16 = 0 FamCent_16 = 0.

IF time_16 = 99 and listen_16 = 99 and sensitiv_16 = 99 and info_16 = 99 and partner_16 = 99

FamCent_16 = 99.

VARIABLE LABELS FamCent_16 "Indicator 4.12c: Medical Home Component: Family-centered care".

VALUE LABELS FamCent_16

0 "Did not have health care visit in the past 12 months"

1 "Received family-centered care"

2 "Did not receive family-centered care"

99 "Missing to any".

MISSING VALUES FamCent_16(0,99).

***Indicator 4.12d: Medical Home Component: Problems getting referrals, all children

COMPUTE NoRefPrb_16 = 999.

IF (SYSMIS(K5Q10)) NoRefPrb_16 = 99.

IF K5Q11 = 2 or K5Q11 = 3 NoRefPrb_16 = 2.

IF K5Q11 = 1 NoRefPrb_16 = 1.

IF (SYSMIS(K5Q11)) NoRefPrb_16 = 99.

IF K5Q10 = 2 NoRefPrb_16 = 0.

VARIABLE LABELS NoRefPrb_16 "Indicator 4.12d: Medical Home Component: Problems getting needed referrals, all children".

VALUE LABELS NoRefPrb_16

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

1 "No problems getting referral, when needed"

2 "Had problems getting referrals, when needed"

99 "Missing".

MISSING VALUES NoRefPrb_16(99).

COMPUTE DrComm_16 = 999.

IF (SYSMIS(K5Q30)) DrComm_16 = 99.

IF K5Q30 = 1 DrComm_16 = 1.

IF K5Q30 = 2 DrComm_16 = 2.

IF K5Q30 = 3 or K5Q30 = 4 DrComm_16 = 3.

IF K5Q20_R = 3 or S4Q01 = 2 DrComm_16 = 0.

VARIABLE LABELS DrComm_16 "Satisfaction with communication among child's doctor and other health care provider".

VALUE LABELS DrComm_16

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

1 "Very satisfied"

2 "Somewhat satisfied"

3 "Somewhat dissatisfied/Very dissatisfied"

99 "Missing".

MISSING VALUES DrComm_16().

**Got all needed extra help with care coordination

COMPUTE CareHelp_16 = 999.

IF (SYSMIS(K5Q21)) or (SYSMIS(K5Q22)) CareHelp_16 = 99.

IF K5Q22 = 1 CareHelp_16 = 1.

IF K5Q22 = 2 or K5Q22 = 3 CareHelp_16 = 2.

IF (SYSMIS(K5Q20_R)) CareHelp_16 = 99.

IF K5Q20_R = 3 or S4Q01 = 2 CareHelp_16 = 0.

IF K5Q20_R = 2 and K5Q21 = 2 CareHelp_16 = 0.

IF K5Q20_R = 1 and K5Q21 = 2 CareHelp_16 = 1.

IF (SYSMIS(S4Q01)) CareHelp_16 = 99.

VARIABLE LABELS CareHelp_16 "Got all needed extra help with care coordination when needed".

VALUE LABELS CareHelp_16

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

2 "Needed extra help/did not get it"

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

99 "Missing".

COMPUTE OthComm_16 = 999.

IF (SYSMIS(K5Q32)) OthComm_16 = 99.

IF (SYSMIS(K5Q31_R)) OthComm_16 = 99.

IF S4Q01 = 2 or K5Q31_R = 2 or K5Q31_R = 3 OthComm_16 = 0.

IF K5Q32 = 1 OthComm_16 = 1.

IF K5Q32 = 2 or K5Q32 = 3 or K5Q32 = 4 OthComm_16 = 2.

VARIABLE LABELS OthComm_16 "Satisfaction with communication among child's doctors and school, child care provider, or special education program".

VALUE LABELS OthComm_16

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

1 "Very satisfied"

2 "Less than very satisfied"

99 "Missing to either item".

MISSING VALUES CareHelp_16 DrComm_16 OthComm_16().

COMPUTE CareCoor_16 = 999.

```

IF (CareHelp_16 = 2 or CareHelp_16=99) or (DrComm_16 = 2 or DrComm_16 = 3 or DrComm_16=99) or
(OthComm_16 = 2 or OthComm_16=99) CareCoor_16 = 2.
IF (CareHelp_16 = 0 or CareHelp_16 = 1 or CareHelp_16=99) and (DrComm_16=0 or DrComm_16 =1 or
DrComm_16=99) and (OthComm_16 = 0 or OthComm_16 = 1 or OthComm_16=99) CareCoor_16 = 1.
IF (CareHelp_16 = 0 or CareHelp_16=99) and (DrComm_16 = 0 or DrComm_16=99) and (OthComm_16 =
0 or OthComm_16 = 99) CareCoor_16 = 0.
IF CareHelp_16 = 99 and DrComm_16 = 99 and OthComm_16 = 99 CareCoor_16 = 99.
VARIABLE LABELS CareCoor_16 "Indicator 4.12e: Medical Home Component: Effective care coordination,
all children".
VALUE LABELS CareCoor_16
0 "Did not need coordinated care or had less than 2 services during the past 12 months"
1 "Received all needed components of care coordination"
2 "Did not receive one or more elements of coordination"
99 "Missing to any".
MISSING VALUES CareCoor_16(99).

MISSING VALUES PerDrNs_16 UsualSck_16 FamCent_16 NoRefPrb_16 CareCoor_16(.).

COMPUTE MedHome_16 = 999.
IF (PerDrNs_16 = 1 or PerDrNs_16=99) and (UsualSck_16 = 1 or UsualSck_16=99) and (NoRefPrb_16=1
or NoRefPrb_16 =0 or NoRefPrb_16=99) and
(FamCent_16=1 or FamCent_16=0 or FamCent_16=99) and (CareCoor_16=1 or CareCoor_16=0 or
CareCoor_16=99) MedHome_16 = 1.
IF PerDrNs_16 = 2 or UsualSck_16 = 2 or NoRefPrb_16 = 2 or FamCent_16 = 2 or CareCoor_16 = 2
MedHome_16 = 2.
IF PerDrNs_16 = 99 and UsualSck_16 = 99 and (FamCent_16 = 99 or FamCent_16 = 0) and
(NoRefPrb_16 = 99 or NoRefPrb_16=0) and (CareCoor_16 = 99 or CareCoor_16 = 0) MedHome_16 = 99.
VARIABLE LABELS MedHome_16 "Indicator 4.12: Percent of children receiving coordinated, ongoing,
comprehensive care within a medical home".
VALUE LABELS MedHome_16
1 "Care MEETS medical home criteria"
2 "Care DOES NOT meet medical home criteria"
99 "Missing to any".
MISSING VALUES MedHome_16(99).

****National Performance Measure 11: Percent of children with special health care needs, ages 0 through
17, who have a medical home

RECODE MedHome_16
(else=copy) into npm11MHCSHCN_16.
IF SC_CSHCN = 2 npm11MHCSHCN_16 = 95.
VARIABLE LABELS npm11MHCSHCN_16 "National Performance Measure 11: Percent of children with
special health care needs, ages 0 through 17, who have a medical home".
VALUE LABELS npm11MHCSHCN_16
1 "Care MEETS medical home criteria"
2 "Care DOES NOT meet medical home criteria"
99 "Missing to any"
95 "Non-CSHCN".
MISSING VALUES npm11MHCSHCN_16(95,99).
FORMATS npm11MHCSHCN_16(f4.0).
EXECUTE.

```

| NPM 11 | Medical home, children without special health care needs |
|---|--|
| Description | Percent of children without special health care needs, ages 0 through 17, who have a medical home |
| Survey Items Used | <p>Survey instrument item number for children 0-5 years: C9,C10, D1-4, D7-12; for children 6-11 years: C7,C8, D1-4, D7-12; for children 12-17 years: C8,C9, D1-4, D7-12</p> <p>Variable name in public use data file: K4Q01; K4Q02_R; K4Q04; K5Q10; K5Q11; K5Q40; K5Q41; K5Q42; K5Q43; K5Q44; K5Q20_R; K5Q21; K5Q22; K5Q30; K5Q31_R; K5Q32</p> |
| Denominator | Children without special health care needs, ages 0 through 17 |
| Numerator | Children without special health care needs, ages 0 through 17, who meet the criteria for having a medical home (personal doctor or nurse, usual source for care, and family-centered care; referrals or care coordination if needed) |
| Notes for Data-Users | |
| <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.</p> <p>In the 2016 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"> - Personal doctor or nurse - Usual source for sick and well care - Family-centered care - Problems getting needed referrals - Effective Care Coordination when needed. <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.</p> <p>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> | |
| Revisions in 2016 | |
| <p>There are a few changes to the Medical Home composite measure compared to the 2011/12 NSCH:</p> <p>(1) Usual source for care subcomponent: Even though the 2016 NSCH now asks about a usual source for preventive care, this subcomponent still only includes the usual source for sick care item. Additionally, in the 2016 NSCH, the response options for the follow up item about the type of places child usually goes for sick care do not include "Friend/Relative", "Mexico/Other locations out of US", and "Does not go to one place most often".</p> <p>(2) Care coordination subcomponent: In the 2011/12 NSCH, the care coordination component was</p> | |

measured among all children who received more than one type of service: medical, dental, mental health care or received/needed a specialist care (NUMB_SERVICES>1). In the 2016 NSCH, the number of children who needed care coordination was defined based on the parent's response to the question: "Does anyone helped you to arrange or coordinate care among different doctors or services that this child uses?". If the parent responded, "Did not see more than one health care provider in past 12 months" to the question (K5Q20_R), it was assumed the child did not need care coordination.

(3) In the 2011/12 NSCH, when any component of medical home was missing, the entire composite medical home measure was considered missing. In the NSCH 2016, the composite medical home measure is only considered missing if all components are missing. Therefore, children with a valid, positive response to at least one component and the remainder of the components were missing or legitimately skipped are categorized as having a medical home. For more information on content changes, [click here](#).

Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.

SPSS Syntax and Annotation

```
RECODE MedHome_16
(else=copy) into npm11MHnonCSHCN_16.
IF SC_CSHCN = 1 npm11MHnonCSHCN_16 = 95.
VARIABLE LABELS npm11MHnonCSHCN_16 "National Performance Measure 11: Percent of children
without special health care needs, ages 0 through 17, who have a medical home".
VALUE LABELS npm11MHnonCSHCN_16
1 "Care MEETS medical home criteria"
2 "Care DOES NOT meet medical home criteria"
99 "Missing to any"
95 "CSHCN".
MISSING VALUES npm11MHnonCSHCN_16(95,99).
FORMATS npm11MHnonCSHCN_16(f4.0).
EXECUTE.
```

| | |
|--|--|
| NPM 12 | Transition to adult health care, CSHCN age 12-17 years |
| Description | Percent of adolescents with special health care needs, ages 12 through 17, who received services necessary to make transitions to adult health care |
| Survey Items Used | Survey instrument item number for children 12-17 years: C4; D13,D14,D15c,d Variable name in public use data file: DOCPRIVATE; TREATCHILD; TREATADULT; GAINSKILLS; CHANGEAGE |
| Denominator | Adolescents with special health care needs, ages 12 through 17 |
| Numerator | Adolescents with special health care needs, ages 12 through 17, whose families report that they received the services necessary to transition to adult health care |
| Notes for Data-Users | |
| <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 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 scoring of this measure. Respondents with "missing" to all items were set to missing.</p> <p>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> | |
| Revisions in 2016 | |
| <p>This measure was previously included in the 2009/10 NS-CSHCN, but it was substantially different than the current measure in the 2016 NSCH. New items were added to the measure for the 2016 NSCH, including: doctor spoke with the child privately; doctor worked with the child about gaining skills to manage their health and health care and doctors worked with the child to help them understand their healthcare changes. . For more information on content changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE TimeAlone_16 = 999. IF DOCPRIVATE = 1 TimeAlone_16 = 1. IF DOCPRIVATE = 2 TimeAlone_16 = 2. IF SYSMIS(DOCPRIVATE) TimeAlone_16 = 99. IF K4Q20R = 1 TimeAlone_16 = 2. IF (SYSMIS(S4Q01) or SYSMIS(K4Q20R)) TimeAlone_16 = 99. IF S4Q01 = 2 TimeAlone_16 = 2. IF SC_AGE_YEARS < 12 TimeAlone_16 = 90. VARIABLE LABELS TimeAlone_16 "Children who had time alone with health care provider at last check-up, age 12-17 years". VALUE LABELS TimeAlone_16 </pre> | |


```

1 "Had time alone with provider"
2 "Did not have time alone with provider/Did not have preventive check-up"
99 "Missing"
90 "Children age 0-11 years".
MISSING VALUES TimeAlone_16().
FORMATS TimeAlone_16(f2.0).
EXECUTE.

COMPUTE ActiveWork_16 = 2.
IF CHANGEAGE = 1 or GAINSKILLS = 1 ActiveWork_16 = 1.
IF (CHANGEAGE = 3 or (SYSMIS(CHANGEAGE))) and (GAINSKILLS =3 or (SYSMIS(GAINSKILLS)))
ActiveWork_16 = 99.
IF SC_AGE_YEARS < 12 ActiveWork_16 = 90.
VARIABLE LABELS ActiveWork_16 "Provider worked with child to gain skills to manage health/health care
or understand health care changes at age 18, age 12-17 years".
VALUE LABELS ActiveWork_16
1 "Met the criteria"
2 "Did not met criteria"
99 "Missing/Don't know"
90 "Children age 0-11 years".
MISSING VALUES ActiveWork_16().
FORMATS ActiveWork_16(f2.0).
EXECUTE.

COMPUTE TrtAdult_16 = 999.
IF TREATCHILD = 1 and TREATADULT = 1 TrtAdult_16 = 1.
IF TREATCHILD = 1 and TREATADULT = 2 TrtAdult_16 = 2.
IF (SYSMIS(TREATCHILD)) or (SYSMIS(TREATADULT)) TrtAdult_16 = 99.
IF TREATCHILD = 2 TrtAdult_16 = 95.
IF SC_AGE_YEARS < 12 TrtAdult_16 = 90.
VARIABLE LABELS TrtAdult_16 "Provider discussed shift to adult health care providers if needed, age 12-
17 years".
VALUE LABELS TrtAdult_16
1 "Yes"
2 "No"
95 "Discussion not needed or sees provider who can transition"
99 "Missing"
90 "Children age 0-11 years".
MISSING VALUES TrtAdult_16().
FORMATS TrtAdult_16(f2.0).
EXECUTE.

MISSING VALUES TimeAlone_16 ActiveWork_16 TrtAdult_16().

COMPUTE Transition_16 = 999.
IF (TimeAlone_16 = 1 or TimeAlone_16 =99) or (ActiveWork_16 = 1 or ActiveWork_16 =99) or (TrtAdult_16
= 1 or TrtAdult_16=95 or TrtAdult_16=99) Transition_16 = 1.
IF TimeAlone_16 = 2 or ActiveWork_16 = 2 or TrtAdult_16 = 2 Transition_16 = 2.
IF TimeAlone_16 = 99 and ActiveWork_16 = 99 and TrtAdult_16 = 99 Transition_16 = 99.
IF SC_AGE_YEARS < 12 Transition_16 = 90.
VARIABLE LABELS Transition_16 "Indicator 4.15: Adolescents who received services necessary to make
planning transitions to adult health care".
VALUE LABELS Transition_16

```



```
1 "Received services necessary for transition to adult health care"
2 "Did not receive services necessary for transition to adult health care"
99 "Missing to all"
90 "Children age 0-11 years".
MISSING VALUES Transition_16(90,99).
FORMATS Transition_16(f2.0).
EXECUTE.
```

*** National Performance Measure 12: Percent of adolescents with special health care needs, ages 12 through 17, who received services necessary to make transitions to adult health care

```
RECODE Transition_16
  (else=copy) into npm12TransCSHCN_16.
IF SC_CSHCN = 2 npm12TransCSHCN_16 = 95.
IF SC_AGE_YEARS < 12 npm12TransCSHCN_16 = 90.
VARIABLE LABELS npm12TransCSHCN_16 "National Performance Measure 12: Percent of adolescents
with special health care needs, ages 12 through 17, who received services necessary to make transitions to
adult health care".
VALUE LABELS npm12TransCSHCN_16
  1 "Received services necessary for transition to adult health care"
  2 "Did not receive services necessary for transition to adult health care"
  99 "Missing to any"
  95 "Non-CSHCN age 12-17 years"
  90 "Children age 0-11 years".
MISSING VALUES npm12TransCSHCN_16(90,95,99).
FORMATS npm12TransCSHCN_16(f4.0).
EXECUTE.
```

| | |
|--|--|
| NPM 12 | Transition to adult health care, Non-CSHCN age 12-17 years |
| Description | Percent of adolescents without special health care needs, ages 12 through 17, who received services necessary to make transitions to adult health care |
| Survey Items Used | Survey instrument item number for children 12-17 years: C4; D13,D14,D15c,d Variable name in public use data file: DOCPRIVATE; TREATCHILD; TREATADULT; GAINSKILLS; CHANGEAGE |
| Denominator | Adolescents without special health care needs, ages 12 through 17 |
| Numerator | Adolescents without special health care needs, ages 12 through 17, whose families report that they received the services necessary to transition to adult health care |
| Notes for Data-Users | |
| <p>In order to meet the criteria for this measure, 12-17 years old CSHCN 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.</p> <p>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 scoring of this measure. Respondents with "missing" to all items were set to missing.</p> <p>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> | |
| Revisions in 2016 | |
| <p>The 2009/10 NS-CSHCN included a measure of transition to adulthood, but it was substantially different from the transition measure the 2016 NSCH. New items were added to the measure, including: doctor spoke with the child privately; doctor works with the child about gaining skills to manage their health and health care and doctors works with the child to help them understand their healthcare. For more information on content changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE Transition_16 (else=copy) into npm12TransNonCSHCN_16. IF SC_CSHCN = 1 npm12TransNonCSHCN_16 = 95. IF SC_AGE_YEARS < 12 npm12TransNonCSHCN_16 = 90. VARIABLE LABELS npm12TransNonCSHCN_16 "Percent of adolescents without special health care needs, ages 12 through 17, who received services necessary to make transitions to adult health care". VALUE LABELS npm12TransNonCSHCN_16 1 "Received services necessary for transition to adult health care" 2 "Did not receive services necessary for transition to adult health care" 99 "Missing to any" </pre> | |

Title V Block Grant Measures - National Performance Measures

```
95 "CSHCN age 12-17 years"  
90 "Children age 0-11 years".  
MISSING VALUES npm12TransNonCSHCN_16(90,95,99).  
FORMATS npm12TransNonCSHCN_16(f4.0).  
EXECUTE.
```

| | |
|---|---|
| NPM 13.2 | Preventive dental visit, age 1-17 years |
| Description | Percent of children, ages 1 through 17, who had a preventive dental visit in the past year |
| Survey Items Used | Survey instrument item number for children 0-5 years: C15; C16; for children 6-11 years: C13; C14; for children 12-17 years: C14; C15 Variable name in public use data file: K4Q30_R; DENTISTVISIT |
| Denominator | Children, ages 1 through 17 |
| Numerator | Children, ages 1 through 17, who had a preventive dental visit in the past year |
| Notes for Data-Users | |
| Children younger than one year of age are not included in this measure. | |
| Revisions in 2016 | |
| <p>The 2011/12 NSCH asked parents to report the number of preventive dental visits during the past 12 months, and the response was reported as a continuous number. Response options were reported as categorical (No visit, 1 visit or 2 or more visits) in the 2016 NSCH. For more information about the changes, click here.</p> <p>The content of this measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE PrevDent_16 = 999. IF DENTISTVISIT = 2 or DENTISTVISIT = 3 PrevDent_16 = 1. IF DENTISTVISIT = 1 PrevDent_16 = 2. IF (SYSMIS(DENTISTVISIT)) PrevDent_16 = 99. IF K4Q30_R = 3 PrevDent_16 = 2. IF (SYSMIS(K4Q30_R)) PrevDent_16 = 99. IF SC_AGE_YEARS < 1 PrevDent_16 = 95. VARIABLE LABELS PrevDent_16 "Indicator 4.2a: Children who had one or more preventive dental care visits during the past 12 months, age 1-17 years". VALUE LABELS PrevDent_16 1 "One or more dental preventive visits" 2 "No preventive dental visits" 99 "Missing" 95 "Children less than 1 year old". MISSING VALUES PrevDent_16(95,99). FORMATS PrevDent_16(f2.0). EXECUTE. </pre> | |

*** National Performance Measure 13.2: Percent of children, age 1-17 years, who had a preventive dental visit in the past year

RECODE PrevDent_16

(else=copy) into npm13bDePrev_16.

VARIABLE LABELS npm13bDePrev_16 "National Performance Measure 13.2: Percent of children, age 1-17 years, who had a preventive dental visit in the past year".

VALUE LABELS npm13bDePrev_16

1 "One or more dental preventive visits"

2 "No preventive dental visits"

99 "Missing"

95 "Children less than 1 year old".

MISSING VALUES npm13bDePrev_16(95,99).

FORMATS npm13bDePrev_16(f2.0).

EXECUTE.

| | |
|---|--|
| NPM 14.2 | Someone living in the household smokes |
| Description | Percent of children, ages 0 through 17, who live in households where someone smokes |
| Survey Items Used | Survey instrument item number for children 0-5 years: I2; I3; for children 6-11 years: I2; I3; for children 12-17 years: I2; I3 Variable name in public use data file: K9Q40; K9Q41 |
| Denominator | Children, ages 0 through 17 |
| Numerator | Children, ages 0 through 17, who live in households where there is household member who smokes |
| Notes for Data-Users | |
| The Maternal and Child Health Bureau (MCHB) defines this measure as children living in a household with someone who smokes. The measure does not ask if the smoker smokes in the household. The survey item used to create the measure asked whether anyone living in your household uses cigarettes, cigars, or pipe tobacco. | |
| Revisions in 2016 | |
| The content of this measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <p>RECODE K9Q40 (1=1) (2=2) (SYSMIS=99) into smoking_16. VARIABLE LABELS smoking_16 "Indicator 6.4: Children who live in households where someone uses cigarettes, cigars, or pipe tobacco". VALUE LABELS smoking_16 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES smoking_16(99). FORMATS smoking_16(f4.0). EXECUTE.</p> <p>** National Performance Measure 14.2: Percent of children, ages 0 through 17, who live in households where someone smokes</p> <p>RECODE smoking_16 (else=copy) into npm14bSmoke_16. VARIABLE LABELS npm14bSmoke_16 "National Performance Measure 14.2: Percent of children, ages 0 through 17, who live in households where someone smokes". VALUE LABELS npm14bSmoke_16 1 "Yes"</p> | |

```
2 "No"  
99 "Missing".  
MISSING VALUES npm14bSmoke_16(99).  
FORMATS npm14bSmoke_16(f4.0).  
EXECUTE.
```

| | |
|--|---|
| NPM 15 | Adequate insurance |
| Description | Percent of children, ages 0 through 17, who are continuously and adequately insured |
| Survey Items Used | <p>Survey instrument item number for children 0-5 years: E1,E3,E5,E6,E7,F1,F2; for children 6-11 years: E1,E3,E5,E6,E7, F1,F2; for children 12-17 years: E1,E3,E5,E6,E7, F1,F2</p> <p>Variables in public use data file: INSGAP; CURRINS; K3Q20; K3Q22; HOWMUCH; K3Q21B</p> |
| Denominator | Children, ages 0 through 17 |
| Numerator | Children, ages 0 through 17, who were reported to be continuously insured in the past year with adequate coverage |
| Notes for Data-Users | |
| <p>“Adequacy of insurance” is defined as: 1) having continuous insurance in the past 12 months, and/or 2) having current insurance which is adequate for the child’s healthcare needs. The measure is only considered missing if both items are missing. Therefore, children with a valid, positive response to one item and the other item was missing are categorized as having adequate insurance.</p> <p>In the 2016 NSCH, survey item K3Q04_R asked whether the child was continuously insured during the past 12 months. If the child was not continuously insured, a question asked whether the child currently covered by any health insurance. The child’s current insurance was considered adequate when the following criteria were met: 1) the child currently has health insurance coverage, AND 2) benefits usually or always meet child’s needs, AND 3) the insurance usually or always allows the child to see needed providers, AND 4) the insurance either has no out-of-pocket expenses or out-of-pocket expenses are usually or always reasonable.</p> | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, this question asked whether families paid any money for their children’s health care. The 2016 NSCH asked parents to report how much money they paid in categorical responses. The question then asked how often the costs were reasonable among those parents who paid any amount out-of-pocket. Additionally, in the 2016 NSCH, consistency of health insurance during the past 12 months is included in the scoring of the measure.</p> <p>Due to changes in the survey’s mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE CURRINS (1=1) (2=2) (SYSMIS=99) into CurrIns_16. VARIABLE LABELS CurrIns_16 "Indicator 3.1: Health insurance status at time of survey". VALUE LABELS CurrIns_16 1 "Currently insured" 2 "Currently uninsured" 99 "Missing". MISSING VALUES CurrIns_16(99). FORMATS CurrIns_16(f4.0). EXECUTE. </pre> | |


```

COMPUTE InsGap_16 = 999.
IF INSGAP = 1 InsGap_16 = 1.
IF INSGAP = 2 or INSGAP = 3 InsGap_16 = 2.
IF CURRINS = 2 InsGap_16 = 2.
IF (SYSMIS(INSGAP)) InsGap_16 = 99.
VARIABLE LABELS InsGap_16 "Indicator 3.2: Children who had consistent health insurance coverage
during the past 12 months".
VALUE LABELS InsGap_16
1 "Insured continuously all year"
2 "Child had a gap in coverage"
99 "Missing".
MISSING VALUES InsGap_16(99).
FORMATS InsGap_16(f4.0).
EXECUTE.

```

```

RECODE K3Q20
(1=1) (2=2) (3 thru 4=3) (SYSMIS=99) into benefits_16.
IF (SYSMIS(CURRINS)) benefits_16=99.
IF CURRINS = 2 benefits_16=95.
VARIABLE LABELS benefits_16 "Current insurance coverage meets child's health needs".
VALUE LABELS benefits_16
1 "Always"
2 "Usually"
3 "Never/Sometimes"
99 "Missing"
95 "Uninsured".
MISSING VALUES benefits_16 (95,99).
FORMATS benefits_16 (f3.0).
EXECUTE.

```

```

RECODE K3Q22
(1=1) (2=2) (3 thru 4=3) (SYSMIS=99) into allows_16.
IF (SYSMIS(CURRINS)) allows_16 = 99.
IF CURRINS = 2 allows_16=95.
VARIABLE LABELS allows_16 "Current insurance coverage allows child to see needed provider".
VALUE LABELS allows_16
1 "Always"
2 "Usually"
3 "Never/Sometimes"
99 "Missing"
95 "Uninsured".
MISSING VALUES allows_16 (95,99).
FORMATS allows_16 (f3.0).
EXECUTE.

```

```

COMPUTE expense_16 = 999.
IF K3Q21B = 1 expense_16 = 1.
IF K3Q21B = 2 expense_16 = 2.
IF (K3Q21B = 3 or K3Q21B = 4) expense_16 = 3.
IF (SYSMIS(K3Q21B)) expense_16=99.
IF HOWMUCH = 1 expense_16 = 0.
IF (SYSMIS(CURRINS)) expense_16 = 99.

```

```
IF CURRINS = 2 expense_16=95.
VARIABLE LABELS expense_16 "Current insurance coverage has reasonable out of pocket costs".
VALUE LABELS expense_16
0 'No out of pocket expenses'
1 "Always"
2 "Usually"
3 "Never/Sometimes"
99 "Missing"
95 "Uninsured".
MISSING VALUES expense_16 (95,99).
FORMATS expense_16 (f3.0).
```

```
MISSING VALUES benefits_16 allows_16 expense_16 ().
```

```
COMPUTE InsAdeq_16=999.
IF (benefits_16 = 1 or benefits_16 = 2 or benefits_16 = 99) and (allows_16 = 1 or allows_16 = 2 or allows_16 = 99) and (expense_16 = 1 or expense_16 = 2 or expense_16 = 99) InsAdeq_16 = 1.
IF expense_16 = 0 InsAdeq_16 = 1.
IF benefits_16 = 3 or allows_16 = 3 or expense_16 = 3 InsAdeq_16 = 2.
IF benefits_16 = 99 and allows_16 = 99 and expense_16 = 99 InsAdeq_16 = 99.
IF CURRINS = 2 InsAdeq_16 = 95.
VARIABLE LABELS InsAdeq_16 "Indicator 3.4: Adequacy of current Insurance coverage".
VALUE LABELS InsAdeq_16
1 "Current insurance adequate for child's needs"
2 "Current insurance NOT adequate for child's needs"
99 "Missing to all questions"
95 "Uninsured".
MISSING VALUES InsAdeq_16(95,99).
FORMATS InsAdeq_16(f4.0).
EXECUTE.
```

```
MISSING VALUES CurrIns_16 InsGap_16 InsAdeq_16().
```

```
COMPUTE insurance_16 = 1.
IF (InsGap_16 = 1 or InsGap_16 = 99) and (InsAdeq_16 = 1 or InsAdeq_16 = 99) insurance_16 = 1.
IF CurrIns_16 = 2 or InsGap_16 = 2 or InsAdeq_16 = 2 insurance_16 = 2.
IF InsGap_16 = 99 and InsAdeq_16 = 99 insurance_16 = 99.
VARIABLE LABELS insurance_16 "Indicator 3.4a: Children who are continuously and adequately insured".
VALUE LABELS insurance_16
1 "Have adequate insurance covered entire year"
2 "Do not have adequate insurance"
99 "Missing to both".
MISSING VALUES insurance_16 ().
FORMATS insurance_16 (f2.0).
```

*** National Performance Measure 15: Percent of children, ages 0 through 17, who are continuously and adequately insured

```
RECODE insurance_16
(else=copy) into npm15AdIns_16.
VARIABLE LABELS npm15AdIns_16 "National Performance Measure 15: Percent of children, ages 0 through 17, who are continuously and adequately insured".
VALUE LABELS npm15AdIns_16
```

1 "Have adequate insurance covered entire year"
2 "Do not have adequate insurance"
99 "Missing to both questions".
MISSING VALUES npm15AdIns_16 (99).
FORMATS npm15AdIns_16 (F3.0).
EXECUTE.

National Outcome Measures

| | |
|--|---|
| NOM 14 | Tooth decay/cavities, age 1-17 years |
| Description | Percent of children, ages 1 through 17, who had decayed teeth or cavities in the past year |
| Survey Items Used | Survey instrument item number for children 0-5 years: A4i; for children 6-11 years: A4g; for children 12-17 years: A4g Variable name in public use data file: CAVITIES |
| Denominator | Children, ages 1 through 17 |
| Numerator | Children, ages 1 through 17, who had decayed teeth or cavities in the past 12 months |
| Notes for Data-Users | |
| N/A | |
| Revisions in 2016 | |
| <p>In the NSCH 2011/12, "toothache" and "decayed teeth or cavities" were asked as one question. In the 2016 NSCH, questions on "toothache" and "decayed teeth or cavities" were asked separately, and an additional question was asked about "bleeding gums". The question wording was significantly changed. For more information about the content changes, please click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> RECODE CAVITIES (SYSMIS=99) (else=copy) into nom14TthDec_16. IF SC_AGE_YEARS <1 nom14TthDec_16 = 95. VARIABLE LABELS nom14TthDec_16 "National Outcome Measure 14: Percent of children ages, 1 through 17, who had decayed teeth or cavities in the past year". VALUE LABELS nom14TthDec_16 1 "Yes, tooth decay or cavities" 2 "No tooth decay or cavities" 95 "Children age <1 year" 99 "Missing". MISSING VALUES nom14TthDec_16(95,99). FORMATS nom14TthDec_16(f2.0). EXECUTE. </pre> | |

| | |
|---|---|
| NOM 17.1 | Children with special health care needs |
| Description | Percent of children with special health care needs (CSHCN), ages 0 through 17 |
| Survey Items Used | Survey instrument item number: Initial Screener Questionnaire items 6-10 Variable name in public use data file: K2Q10; K2Q11; K2Q12; K2Q13; K2Q14; K2Q15; K2Q16; K2Q17; K2Q18; K2Q19; K2Q20; K2Q21; K2Q22; K2Q23; SC_CSHCN |
| Denominator | Children age 0-17 years |
| Numerator | Children, age 0-17 years, who met the criteria for having a special health care need based on the CSHCN Screener |
| Notes for Data-Users | |
| <p>The NSCH uses the CSHCN Screener to identify children with special health care needs. The Screener is a five item, parent-reported tool designed to reflect the federal Maternal and Child Health Bureau's consequences-based definition of children with special health care needs. It identifies children across the range and diversity of childhood chronic conditions and special needs, allowing a more comprehensive and robust assessment of children's needs and health care system performance than is attainable by focusing on a single diagnosis or type of special need. 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> | |
| Revisions in 2016 | |
| <p>In the 2016 NSCH, the CSHCN Screener questions were asked among all children in the household, before the full topical survey was sent to the household. Only the selected child's CSHCN screener responses were included in the final Topical public use file.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE rxmeds_16 = 2. IF ((SC_K2Q10 = 1) and (SC_K2Q11 = 1) and (SC_K2Q12 = 1)) rxmeds_16 = 1. VARIABLE LABELS rxmeds_16 "Children qualifying on the CSHCN Screener prescription medication criteria". VALUE LABELS rxmeds_16 1 "Yes" 2 "No". MISSING VALUES rxmeds_16(99). FORMATS rxmeds_16(f4.0). EXECUTE . COMPUTE serve_16 = 2. IF ((SC_K2Q13 = 1) and (SC_K2Q14 = 1) and (SC_K2Q15 = 1)) serve_16 = 1. VARIABLE LABELS serve_16 "Children qualifying on the CSHCN Screener for elevated use of services </pre> | |

```

criteria".
VALUE LABELS serve_16
1 "Yes"
2 "No".
MISSING VALUES serve_16(99).
FORMATS serve_16(f4.0).
EXECUTE.

COMPUTE func_16 = 2.
IF ((SC_K2Q16 = 1) and (SC_K2Q17 = 1) and (SC_K2Q18 = 1)) func_16 = 1.
VARIABLE LABELS func_16 "Children qualifying on the CSHCN Screener functional limitations criteria".
VALUE LABELS func_16
1 "Yes"
2 "No".
EXECUTE.

COMPUTE therapy_16 = 2.
IF ((SC_K2Q19 = 1) and (SC_K2Q20 = 1) and (SC_K2Q21 = 1)) therapy_16 = 1.
VARIABLE LABELS therapy_16 "Children qualifying on the CSHCN Screener specialized therapy criteria".
VALUE LABELS therapy_16
1 "Yes"
2 "No".
MISSING VALUES therapy_16(99).
FORMATS therapy_16(f4.0).
EXECUTE.

COMPUTE mhealth_16 = 2.
IF ((SC_K2Q22 = 1) and (SC_K2Q23 = 1)) mhealth_16 = 1.
VARIABLE LABELS mhealth_16 "Qualified on ongoing emotional, developmental or behavioral conditions".
VALUE LABELS mhealth_16
1 "Yes"
2 "No".
MISSING VALUES mhealth_16(99).
FORMATS mhealth_16(f4.0).
EXECUTE.

COUNT qualnum_16=rxmeds_16 serve_16 func_16 therapy_16 mhealth_16(1).
VARIABLE LABELS qualnum_16 "Number of qualifying CSHCN Screener answers".
VALUE LABELS qualnum_16
0 "No qualifying answers"
1 "One qualifying answer"
2 "Two qualifying answers"
3 "Three qualifying answers"
4 "Four qualifying answers"
5 "Five qualifying answers"
99 "Missing to all 5 items".
FORMATS qualnum_16 (f4.0).
EXECUTE.

COMPUTE CSHCN_16 = 999.
IF qualnum_16 = 0 CSHCN_16 = 2.
IF qualnum_16 > 0 CSHCN_16 = 1.

```

```

CSHCN_16 =99.
VARIABLE LABELS CSHCN_16 "Indicator 1.11: Children with special health care needs".
VALUE LABELS CSHCN_16
1 "CSHCN"
2 "Non-CSHCN"
99 "Missing to all".
FORMATS CSHCN_16 (f4.0).
EXECUTE.

*** National Outcome Measure 17.1: Percent of children with special health care needs (CSHCN), ages 0
through 17

RECODE CSHCN_16
(else=copy) into nom17_1CSHCN.
VARIABLE LABELS nom17_1CSHCN "National Outcome Measure 17.1: Percent of children with special
health care needs (CSHCN), ages 0 through 17".
VALUE LABELS nom17_1CSHCN
1 "CSHCN"
2 "Non-CSHCN"
99 "Missing".
MISSING VALUES nom17_1CSHCN(99).
FORMATS nom17_1CSHCN(f4.0).
EXECUTE.

```

| | |
|---|--|
| NOM 17.2 | Systems of care, children with special health care needs |
| Description | Percent of children with special health care needs (CSHCN), ages 0 through 17, who receive care in a well-functioning system |
| Survey Items Used | Over 50 different survey questions are used to construct this measure. |
| Denominator | Children with special health care needs, ages 0 through 17 |
| Numerator | CSHCN, ages 0 through 17, that received all components of a well-functioning system (family partnership, medical home, early screening, adequate insurance, easy access to services, and preparation for adult transition) |
| Notes for Data-Users | |
| <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 has a medical home, child had a preventive medical and dental visit, child has adequate insurance, and child has no unmet need and barriers access to services. For adolescents age 12-17 years, preparation for adult transition is included in addition to these five measures.</p> <p>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 2016 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> | |
| Revisions in 2016 | |
| <p>The systems of care measure has changed, due to changes in the transition to adult healthcare measure (see NPM 12), the medical home measure (see NPM 11), and the adequacy of insurance measure (see NPM 15). For more information on content changes, click here.</p> <p>Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE insurance_16 = 1. IF (InsGap_16 = 1 or InsGap_16 = 99) and (InsAdeq_16 = 1 or InsAdeq_16 = 99) insurance_16 = 1. IF CurrIns_16 = 2 or InsGap_16 = 2 or InsAdeq_16 = 2 insurance_16 = 2. IF InsGap_16 = 99 and InsAdeq_16 = 99 insurance_16 = 99. VARIABLE LABELS insurance_16 "Children who have adequate insurance and were covered entire year". VALUE LABELS insurance_16 1 "Have adequate insurance covered entire year" 2 "Do not have adequate insurance" 99 "Missing to both". MISSING VALUES insurance_16 (.). FORMATS insurance_16 (f2.0). MISSING VALUES CurrIns_16 InsGap_16(99). </pre> | |

MISSING VALUES InsAdeq_16(95,99).

COMPUTE MedDentSyst_16 = 999.

IF (PrevMed_16 = 1 or PrevMed_16 = 99) and (PrevDent_16=1 or PrevDent_16=95 or PrevDent_16=99)
MedDentSyst_16 = 1.

IF PrevMed_16 = 2 or PrevDent_16 = 2 MedDentSyst_16 = 2.

IF PrevMed_16 = 99 and (PrevDent_16 = 99 or PrevDent_16=95) MedDentSyst_16 = 99.

VARIABLE LABELS MedDentSyst_16 "Indicator 4.3: Children received both preventive medical and dental care visits in past 12 months".

VALUE LABELS MedDentSyst_16

1 "Received preventive medical and dental care"

2 "Did not receive preventive medical and dental care"

99 "Missing to both".

COMPUTE frustrated_16 = 999.

IF C4Q04 = 1 frustrated_16 = 0.

IF C4Q04 = 2 frustrated_16 = 1.

IF C4Q04 = 3 or C4Q04 = 4 frustrated_16 = 2.

IF (SYSNMIS(C4Q04)) frustrated_16 = 99.

VARIABLE LABELS frustrated_16 "Indicator 4.19: Family frustrated in efforts to get services for their children during the past 12 months".

VALUE LABELS frustrated_16

0 "Never frustrated"

1 "Sometimes frustrated"

2 "Usually/always frustrated"

99 "Missing".

MISSING VALUES frustrated_16(99).

FORMATS frustrated_16(f4.0).

EXECUTE.

COMPUTE UnmetFrust_16 = 999.

IF (K4Q27 = 2 or (SYSMIS(K4Q27)) and (frustrated_16 = 0 or frustrated_16 = 1 or frustrated_16 = 99))
UnmetFrust_16 = 1.

IF K4Q27 = 1 or frustrated_16 = 2 UnmetFrust_16 = 2.

IF (SYSMIS(K4Q27)) and frustrated_16 = 99 UnmetFrust_16 = 99.

VARIABLE LABELS UnmetFrust_16 "Children whose parents had difficulties in accessing care and always or usually frustrated in effort getting services for their children".

VALUE LABELS UnmetFrust_16

1 "No unmet need and frustration"

2 "Experienced unmet need and frustration (usually/alway frustrated)"

99 "Missing".

COMPUTE sys0to11care2_16 = 999.

IF (ShareDec_16 = 0 or ShareDec_16 = 1 or ShareDec_16=99) and (MedHome_16 = 1 or MedHome_16 = 99) and (Insurance_16 = 1 or Insurance_16 = 99)

and (MedDentSyst_16 = 1 or MedDentSyst_16=99) and (UnmetFrust_16 = 1 or UnmetFrust_16=99)
sys0to11care2_16 = 1.

IF ShareDec_16=2 or MedHome_16 = 2 or Insurance_16 = 2 or MedDentSyst_16 = 2 or UnmetFrust_16 = 2 sys0to11care2_16 = 2.

IF (ShareDec_16=0 or ShareDec_16=99) and MedHome_16 = 99 and Insurance_16 = 99 and MedDentSyst_16 = 99 and UnmetFrust_16 = 99 sys0to11care2_16 = 99.

IF SC_AGE_YEARS > 11 sys0to11care2_16 = 95.

VARIABLE LABELS sys0to11care2_16 "Children ages 0-11 meeting one or more of five criteria for system

```

of care".
VALUE LABELS sys0to11care2_16
1 "Received care in a well-functioning system"
2 "Did not receive care in a well-functioning system"
99 "Missing"
95 "Children age 12-17 years".
MISSING VALUES sys0to11care2_16(99).
EXECUTE.

COMPUTE sys12to17care2_16 = 999.
IF (ShareDec_16 = 0 or ShareDec_16 = 1 or ShareDec_16=99) and (MedHome_16 = 1 or MedHome_16
= 99) and (Insurance_16 = 1 or Insurance_16 = 99)
and (MedDentSyst_16 = 1 or MedDentSyst_16=99) and (UnmetFrust_16 = 1 or UnmetFrust_16=99) and
(npm12Trans_16=1 or npm12Trans_16=99) sys12to17care2_16 = 1.
IF ShareDec_16=2 or MedHome_16 = 2 or Insurance_16 = 2 or MedDentSyst_16 = 2 or UnmetFrust_16 =
2 or npm12Trans_16=2 sys12to17care2_16 =2.
IF (ShareDec_16=0 or ShareDec_16=99) and MedHome_16 = 99 and Insurance_16 = 99 and
MedDentSyst_16 = 99 and UnmetFrust_16 = 99 and npm12Trans_16=99 sys12to17care2_16 =99.
IF SC_AGE_YEARS < 12 sys12to17care2_16 = 95.
VARIABLE LABELS sys12to17care2_16 "Children ages 12-17 meeting one or more of five criteria for
system of care".
VALUE LABELS sys12to17care2_16
1 "Received care in a well-functioning system"
2 "Did not receive care in a well-functioning system"
99 "Missing"
95 "Children age 0-11 years".
MISSING VALUES sys12to17care2_16(99).
EXECUTE.

MISSING VALUES sys0to11care2_16 sys12to17care2_16().

COMPUTE SystCare2_16=99.
IF sys0to11care2_16 = 1 or sys12to17care2_16 = 1 SystCare2_16 =1.
IF sys0to11care2_16 = 2 or sys12to17care2_16 = 2 SystCare2_16 =2.
IF sys0to11care2_16 = 99 and sys12to17care2_16 = 99 SystCare2_16 =2.
VARIABLE LABELS SystCare2_16 "Indicator 4.17: Percent of children received care in a well-functioning
system".
VALUE LABELS SystCare2_16
1 "Received care in a well-functioning system"
2 "Did not receive care in a well-functioning system"
99 "Missing".
MISSING VALUES SystCare2_16(99).
EXECUTE.

**** National Performance Measure 17.2: Percent of children with special health care needs (CSHCN), ages
0 through 17, who receive care in a well-functioning system

RECODE SystCare2_16
(else=copy) into nom17_2sysCSHCN_16.
IF SC_CSHCN = 2 nom17_2sysCSHCN_16 = 95.
VARIABLE LABELS nom17_2sysCSHCN_16 "National Performance Measure 17.2: Percent of children
with special health care needs (CSHCN), ages 0 through 17, who receive care in a well-functioning
system".

```

VALUE LABELS nom17_2sysCSHCN_16

1 "Receive care in a well-functioning system"

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

99 "Missing"

95 "Non-CSHCN".

MISSING VALUES nom17_2sysCSHCN_16(95,99).

EXECUTE.

| | |
|---|---|
| NOM 17.3 | Autism, age 3-17 years |
| Description | Percent of children, ages 3 through 17, diagnosed with an autism spectrum disorder |
| Survey Items Used | Survey instrument item number for children 0-5 years: A28; for children 6-11 years: A29; for children 12-17 years: A29 Variable name in public use data file: K2Q35A; K2Q35B |
| Denominator | Children, ages 3 through 17 |
| Numerator | Children, ages 3 through 17, reported by their parents to have been diagnosed by a health care provider with ASD and to currently have the condition |
| Notes for Data-Users | |
| <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.</p> <p>Last, even though the 2016 NSCH asked these questions among all children 0-17 years old, this measure only includes children 3 to 17 years old.</p> | |
| Revisions in 2016 | |
| <p>The content of the measure is similar to 2011/12 NSCH. However, the 2016 NSCH asked this question among all children, including children <2 years old. Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE autism_16 = 999. IF (SYSMIS(K2Q35A)) or (SYSMIS(K2Q35B)) autism_16 = 99. IF K2Q35A = 2 autism_16 = 1. IF K2Q35A = 1 and K2Q35B = 2 autism_16 = 2. IF K2Q35A = 1 and K2Q35B = 1 autism_16 = 3. IF SC_AGE_YEARS < 3 autism_16 = 95. VARIABLE LABELS autism_16 "Children currently have autism, Asperger's Disorder, pervasive developmental disorder, or other autism spectrum disorder, age 3-17 years". VALUE LABELS autism_16 1 "Do not have condition" 2 "Ever told, but do not currently have condition" 3 "Currently have condition" 99 "Missing" 95 "Children age 0-2 years". </pre> | |

*** National Outcome Measure 17.3: Percent of children, ages 3 through 17, diagnosed with an autism spectrum disorder

RECODE autism_16

(1 thru 2 = 2) (3=1) (else=copy) into nom17_3ASD_16.

VARIABLE LABELS nom17_3ASD_16 "National Outcome Measure 17.3: Percent of children, ages 3 through 17, diagnosed with an autism spectrum disorder".

VALUE LABELS nom17_3ASD_16

1 "Currently have condition"

2 "Do not currently have condition"

99 "Missing"

95 "Children age 0-2 years".

MISSING VALUES nom17_3ASD_16(95,99).

FORMATS nom17_3ASD_16(f4.0).

EXECUTE.

| | |
|---|---|
| NOM 17.4 | ADD or ADHD, age 3-17 years |
| Description | Percent of children, ages 3 through 17, diagnosed with Attention Deficit Disorder/Attention Deficit Hyperactivity Disorder (ADD/ADHD) |
| Survey Items Used | Survey instrument item number for children 0-5 years: A33; for children 6-11 years: A34; for children 12-17 years: A34 Variable name in public use data file: K2Q31A; K2Q31B |
| Denominator | Children, ages 3 through 17 |
| Numerator | Children, ages 3 through 17, reported by their parents to have been diagnosed by a health care provider with ADD/ADHD and to currently have the condition |
| Notes for Data-Users | |
| <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 have never had, ever had, or currently have ADD/ADHD. Please note that in the NSCH, all information about children's health conditions is based on parent recollection and is not independently verified. Further, a response of "Yes" to having "ever been told" that a child has a specific health condition (e.g., K2Q31A = Yes) DOES NOT indicate whether the child currently has that particular condition and therefore should not be interpreted as current prevalence.</p> <p>Last, even though the 2016 NSCH asked these questions among all children 0-17 years old, this measure only includes children 3 to 17 years old.</p> | |
| Revisions in 2016 | |
| <p>The content of the measure is similar to 2011/12 NSCH. However, the 2016 NSCH asked this question among all children, including children <2 years old. Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE ADHD_16 = 999. IF (SYSMIS(K2Q31A)) or (SYSMIS(K2Q31B)) ADHD_16 = 99. IF K2Q31A = 2 ADHD_16 = 1. IF K2Q31A = 1 and K2Q31B = 2 ADHD_16 = 2. IF K2Q31A = 1 and K2Q31B = 1 ADHD_16 = 3. IF SC_AGE_YEARS < 3 ADHD_16 = 95. VARIABLE LABELS ADHD_16 "Children currently have ADD or ADHD, age 3-17 years". VALUE LABELS ADHD_16 1 "Do not have condition" 2 "Ever told, but do not currently have condition" 3 "Currently have condition" 99 "Missing" 95 "Children age 0-2 years". </pre> | |

*** National Outcome Measure 17.4: Percent of children, age 3-17 years, diagnosed with Attention Deficit Disorder/Attention Deficit Hyperactivity Disorder (ADD/ADHD)

RECODE ADHD_16

(1 thru 2 = 2) (3=1) (else=copy) into nom17_4ADHD_16.

VARIABLE LABELS nom17_4ADHD_16 "National Outcome Measure 17.4: Percent of children, age 3-17 years, diagnosed with Attention Deficit Disorder/Attention Deficit Hyperactivity Disorder (ADD/ADHD)".

VALUE LABELS nom17_4ADHD_16

1 "Currently have condition"

2 "Do not currently have condition"

99 "Missing"

95 "Children age 0-2 years".

MISSING VALUES nom17_4ADHD_16(95.99).

FORMATS nom17_4ADHD_16(f4.0).

EXECUTE.

| | |
|--|---|
| NOM 18 | Mental health treatment, age 3-17 years |
| Description | Percent of children, ages 3 through 17, with a mental/behavioral condition who receive treatment or counseling |
| Survey Items Used | Survey instrument item number for children 0-5 years: C18; for children 6-11 years: C16; for children 12-17 years: C17 Variable name in public use data file: K4Q22_R |
| Denominator | Number of children, ages 3 through 17, 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) |
| Numerator | Number of children, ages 3 through 17, 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) who received treatment or counseling |
| Notes for Data-Users | |
| <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. Children with mental or behavioral conditions were conservatively identified based on a subset of diagnosed conditions for a purpose. 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> | |
| Revisions in 2016 | |
| <p>In the 2011/12 NSCH, this question was asked among children 2-17 years, and the denominator of this measure was children age 3-17 who were found to have an emotional, developmental, or behavioral problem from the CSHCN Screener (qualified on the CSHCN Screener question #5).</p> <p>In the 2016 NSCH, the denominator of this measure is children age 3-17 years who currently have anxiety, depression, or a behavioral/conduct disorder. The 2016 NSCH question was asked among all children 0-17 years old, and the "No" response from the 2011/12 NSCH was broken down in 2 responses in the 2016 NSCH: "No, but needed to see a mental health professional" and "No, did not need to see a mental health professional". For more information on content changes, click here.</p> | |
| SPSS Syntax and Annotation | |
| <pre> COMPUTE anxiety_16 = 999. IF (SYSMIS(K2Q33A)) or (SYSMIS(K2Q33B)) anxiety_16 = 99. IF K2Q33A = 2 anxiety_16 = 1. IF K2Q33A = 1 and K2Q33B = 2 anxiety_16 = 2. IF K2Q33A = 1 and K2Q33B = 1 anxiety_16 = 3. IF SC_AGE_YEARS < 3 anxiety_16 = 95. VARIABLE LABELS anxiety_16 "Children currently have anxiety problems, age 3-17 years". VALUE LABELS anxiety_16 1 "Do not have condition" 2 "Ever told, but do not currently have condition" 3 "Currently have condition" 99 "Missing" </pre> | |

95 "Children age 0-2 years".

COMPUTE depress_16 = 999.

IF (SYSMIS(K2Q32A)) or (SYSMIS(K2Q32B)) depress_16 = 99.

IF K2Q32A = 2 depress_16 = 1.

IF K2Q32A = 1 and K2Q32B = 2 depress_16 = 2.

IF K2Q32A = 1 and K2Q32B = 1 depress_16 = 3.

IF SC_AGE_YEARS < 3 depress_16 = 95.

VARIABLE LABELS depress_16 "Children currently have depression, age 3-17 years".

VALUE LABELS depress_16

1 "Do not have condition"

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

3 "Currently have condition"

99 "Missing"

95 "Children age 0-2 years".

COMPUTE behavior_16 = 999.

IF (SYSMIS(K2Q34A)) or (SYSMIS(K2Q34B)) behavior_16 = 99.

IF K2Q34A = 2 behavior_16 = 1.

IF K2Q34A = 1 and K2Q34B = 2 behavior_16 = 2.

IF K2Q34A = 1 and K2Q34B = 1 behavior_16 = 3.

IF SC_AGE_YEARS < 3 behavior_16 = 95.

VARIABLE LABELS behavior_16 "Children currently have behavioral or conduct problems, age 3-17 years".

VALUE LABELS behavior_16

1 "Do not have condition"

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

3 "Currently have condition"

99 "Missing"

95 "Children age 0-2 years".

MISSING VALUES depress_16 anxiety_16 behavior_16().

COUNT ment3cond_16=depress_16 anxiety_16 behavior_16(3).

IF depress_16=99 and anxiety_16 = 99 and behavior_16 =99 ment3cond_16 = 99.

IF SC_AGE_YEARS < 3 ment3cond_16 = 95.

VARIABLE LABELS ment3cond_16 "Number of conditions".

COMPUTE nom18MHlth_16 = 999.

IF ment3cond_16 > 0 and K4Q22_R = 1 nom18MHlth_16 = 1.

IF ment3cond_16 > 0 and (K4Q22_R=2 or K4Q22_R=3) nom18MHlth_16 = 2.

IF ment3cond_16 = 0 nom18MHlth_16 = 95.

IF ment3cond_16 = 99 nom18MHlth_16 = 99.

IF (SYSMIS(K4Q22_R)) nom18MHlth_16 = 99.

IF SC_AGE_YEARS < 3 nom18MHlth_16 = 95.

VARIABLE LABELS nom18MHlth_16 "National Outcome Measure 18: Percent of children, age 3-17 years, with a mental/behavioral condition who receive treatment or counseling".

VALUE LABELS nom18MHlth_16

1 "Received treatment"

2 "Needed treatment, did not receive it"

99 "Missing"

95 "Children age 0-2 years/Do not have any of 3 conditions".

MISSING VALUES nom18MHlth_16(95,99).

FORMATS nom18MHlth_16(f2.0).
EXECUTE.

| | |
|--|--|
| NPM 19 | Overall health status |
| Description | Percent of children, ages 0 through 17, in excellent or very good health |
| Survey Items Used | Survey instrument item number for children 0-5 years: A1; for children 6-11 years: A1; for children 12-17 years: A1 Variable in public use data file: K2Q01 |
| Denominator | Children, ages 0 through 17 |
| Numerator | Children, ages 0 through 17, reported by their parents to be in excellent or very good health |
| Notes for Data-Users | |
| This measure combines five response categories (excellent, very good, good, fair, poor) into three response categories. Estimates may vary compared to similar indicators from other surveys elsewhere on the DRC website because of differences in survey wording and survey administration. | |
| Revisions in 2016 | |
| The content of this measure is similar to 2011/12 NSCH. However, due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not be possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K2Q01 (1 thru 2=1) (3=3) (4 thru 5=3) (SYSMIS=99) into ChHlthSt_16. VARIABLE LABELS ChHlthSt_16 "Indicator 1.1: Children's overall health status". VALUE LABELS ChHlthSt_16 1 "Excellent or very good" 2 "Good" 3 "Fair or poor" 99 "Missing" . MISSING VALUES ChHlthSt_16(99). FORMATS ChHlthSt_16(f2.0) . EXECUTE . *** National Outcome Measure 19: Percent of children, ages 0 through 17, in excellent or very good health RECODE ChHlthSt_16 (2 thru 3 =2) (else=copy) into nom19ChHSt_16. VARIABLE LABELS nom19ChHSt_16 "National Outcome Measure 19: Percent of children, ages 0 through 17, in excellent or very good health". VALUE LABELS nom19ChHSt_16 1 "Excellent or very good" 2 "Good, fair or poor" 99 "Missing". MISSING VALUES nom19ChHSt_16(99). FORMATS nom19ChHSt_16(f2.0) . </pre> | |

| | |
|---|--|
| NOM 20 | Obesity, age 10-17 |
| Description | Percent of children, ages 2 through 4, and adolescents, ages 10 through 17, who are obese (BMI at or above the 95th percentile) |
| Survey Items Used | Survey instrument item number for children 0-5 years: C4,5; for children 6-11 years: C4,5; for children 12-17 years: C5,6 Variable name in public use data file: BMICLASS |
| Denominator | Adolescents, ages 10 through 17 |
| Numerator | Adolescents, ages 10 through 17, who are obese (BMI at or above the 95th percentile) |
| Notes for Data-Users | |
| <p>Assessment of body fat 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 was 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. BMI for children under 10 years of age was not reported in this measure.</p> <p>In the NSCH, BMI-for-age is based on parents' recollection of the selected child's height and weight. Responses to questions ask 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)</p> | |
| Revisions in 2016 | |
| <p>There were changes to the wording of this question. For more information about the changes, click here. Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016.</p> | |
| SPSS Syntax and Annotation | |
| <pre>COMPUTE BMI4_16 = BMICLASS. IF (SYSMIS(BMICLASS)) BMI4_16 = 99. IF SC_AGE_YEARS < 10 BMI4_16 = 90. VARIABLE LABELS BMI4_16 "Indicator 1.4: Weight status of children based on Body Mass Index for age - 4 categories, 10-17 years". VALUE LABELS BMI4_16 1 "Underweight (less than 5th percentile)" 2 "Healthy weight (5th to 84th percentile)" 3 "Overweight (85th to 94th percentile)" 4 "Obese (95th percentile or above)"</pre> | |

99 "Missing"

90 "Children age 0-9 years".

MISSING VALUES BMI4_16(90,99).

EXECUTE.

*** National Outcome Measure 20: Percent of children, age 10-17 years, who are obese (BMI at or above the 95th percentile)

RECODE BMI4_16

(else=copy) into nom20obese_16.

VARIABLE LABELS nom20obese_16 "National Outcome Measure 20: Percent of children, age 10-17 years, who are obese (BMI at or above the 95th percentile)".

VALUE LABELS nom20obese_16

1 "Underweight (less than 5th percentile)"

2 "Healthy weight (5th to 84th percentile)"

3 "Overweight (85th to 94th percentile)"

4 "Obese (95th percentile or above)"

99 "Missing"

90 "Children age 0-9 years".

MISSING VALUES nom20obese_16(90,99).

FORMATS nom20obese_16(f4.0).

EXECUTE.

| | |
|---|---|
| NOM 25 | Forgone health care |
| Description | Percent of children, ages 0 through 17, who were not able to obtain needed health care in the last year |
| Survey Items Used | Survey instrument item number for children 0-5 years: C24; for children 6-11 years: C22; for children 12-17 years: C23 Variable in public use data file: K4Q27 |
| Denominator | Children, ages 0 through 17 |
| Numerator | Children, ages 0 through 17 years, who were reported by a parent to not able to obtain needed health care in the last year |
| Notes for Data-Users | |
| 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." | |
| Revisions in 2016 | |
| In the 2011/12 NSCH, this question asked if care was "delayed or not received". The 2016 NSCH asks if care was "not received". For more information about the changes, click here . Due to changes in the survey's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, MCHB alerts data users that it is not possible to compare estimates from the redesigned survey to those from previous iterations of the NSCH or NS-CSHCN or to conduct related trend analyses. The redesigned NSCH will support trend analyses beginning with data from 2016. | |
| SPSS Syntax and Annotation | |
| <pre> RECODE K4Q27 (SYSMIS=99) (else=copy) into ForgoneCare_16. VARIABLE LABELS ForgoneCare_16 "Children who needed health care but it was not received". VALUE LABELS ForgoneCare_16 1 "Needed care, but did not receive" 2 "Received needed care" 99 "Misiisng". MISSING VALUES ForgoneCare_16(99). RECODE ForgoneCare_16 (else=copy) into nom25ForgoneHC_16. VARIABLE LABELS nom25ForgoneHC_16 "National Outcome Measure 25: Percent of children, ages 0 through 17, who were not able to obtain needed health care in the last year". VALUE LABELS nom25ForgoneHC_16 1 "Needed care, but did not receive" 2 "Received needed care" 99 "Misiisng". MISSING VALUES nom25ForgoneHC_16(99). </pre> | |

Appendix A: Indicator and Subgroup Variables

Unweighted Frequency Tables



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**ChHlthSt_16 Indicator 1.1: Children's overall health status-3 categories**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Excellent or very good | 46093 | 91.8 | 92.1 | 92.1 |
| | 2 Good | 3409 | 6.8 | 6.8 | 98.9 |
| | 3 Fair or poor | 558 | 1.1 | 1.1 | 100.0 |
| | Total | 50060 | 99.7 | 100.0 | |
| Missing | 99 Missing | 152 | .3 | | |
| Total | | 50212 | 100.0 | | |

TeethCond_16 Indicator 1.2: Overall condition of children's teeth, age 1-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Excellent or very good | 40188 | 80.0 | 83.5 | 83.5 |
| | 2 Good | 6243 | 12.4 | 13.0 | 96.4 |
| | 3 Fair or poor | 1726 | 3.4 | 3.6 | 100.0 |
| | Total | 48157 | 95.9 | 100.0 | |
| Missing | 95 Children age 0-1 year or Children with no teeth | 1932 | 3.8 | | |
| | 99 Missing | 123 | .2 | | |
| | Total | 2055 | 4.1 | | |
| Total | | 50212 | 100.0 | | |

OralProb_16 Indicator 1.2a: Oral health problems: toothache, bleeding gums, and/or decayed teeth or cavities, age 1-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 One or more oral health problems | 5195 | 10.3 | 10.8 | 10.8 |
| | 2 No oral health problems | 43061 | 85.8 | 89.2 | 100.0 |
| | Total | 48256 | 96.1 | 100.0 | |
| Missing | 95 Children age less than 1 year | 1852 | 3.7 | | |
| | 99 Missing to all | 104 | .2 | | |
| | Total | 1956 | 3.9 | | |
| Total | | 50212 | 100.0 | | |

BrstEver_16 Indicator 1.3: Children who were ever breastfed or fed breast milk, age 0-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 12073 | 24.0 | 84.3 | 84.3 |
| | 2 No | 2251 | 4.5 | 15.7 | 100.0 |
| | Total | 14324 | 28.5 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 99 Missing | 170 | .3 | | |
| | Total | 35888 | 71.5 | | |
| Total | | 50212 | 100.0 | | |

ExBrstFd_16 Indicator 1.3a: Exclusively breastfed or given breast milk for first 6 months, age 6 months-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Never breastfed or given breast milk | 2164 | 4.3 | 16.0 | 16.0 |
| | 2 Exclusively breastfed for first 6 months | 958 | 1.9 | 7.1 | 23.1 |
| | 3 Breastfed, NOT exclusively for first 6 months | 10047 | 20.0 | 74.4 | 97.5 |
| | 4 Breastfed, exclusivity not known | 340 | .7 | 2.5 | 100.0 |
| | Total | 13509 | 26.9 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children less than 6 months | 830 | 1.7 | | |
| | 99 Missing | 155 | .3 | | |
| | Total | 36703 | 73.1 | | |
| Total | | 50212 | 100.0 | | |

BMI4_16 Indicator 1.4: Weight status of children based on Body Mass Index for age - 4 categories, 10-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Underweight (less than 5th percentile) | 1491 | 3.0 | 6.1 | 6.1 |
| | 2 Healthy weight (5th to 84th percentile) | 16339 | 32.5 | 66.9 | 73.1 |
| | 3 Overweight (85th to 94th percentile) | 3474 | 6.9 | 14.2 | 87.3 |
| | 4 Obese (95th percentile or above) | 3101 | 6.2 | 12.7 | 100.0 |
| | Total | 24405 | 48.6 | 100.0 | |
| Missing | 90 Children age 0-9 years | 24118 | 48.0 | | |
| | 99 Missing | 1689 | 3.4 | | |
| | Total | 25807 | 51.4 | | |
| Total | | 50212 | 100.0 | | |

PhysAct_16 Indicator 1.5 Children who are physically active at least 60 minutes per day, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 0 days | 2812 | 5.6 | 8.0 | 8.0 |
| | 2 1-3 days | 13174 | 26.2 | 37.7 | 45.7 |
| | 3 4-6 days | 11390 | 22.7 | 32.6 | 78.3 |
| | 4 Everyday | 7576 | 15.1 | 21.7 | 100.0 |
| | Total | 34952 | 69.6 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 766 | 1.5 | | |
| | Total | 15260 | 30.4 | | |
| Total | | 50212 | 100.0 | | |

WgtConcn_16 Indicator 1.6: Parental concern about their children's weight

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes, concerned it is too high | 3712 | 7.4 | 7.5 | 7.5 |
| | 2 Yes, concerned it is too low | 1287 | 2.6 | 2.6 | 10.0 |
| | 3 No, not concerned | 44808 | 89.2 | 90.0 | 100.0 |
| | Total | 49807 | 99.2 | 100.0 | |
| Missing | 99 Missing | 405 | .8 | | |
| Total | | 50212 | 100.0 | | |

LowBWght_16 Indicator 1.7: Children who had a low birth weight, that is they weighed less than 2500 grams when they were born

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Child was born with low birth weight (<2500g) | 3711 | 7.4 | 7.9 | 7.9 |
| | 2 Child had normal birth weight | 43092 | 85.8 | 92.1 | 100.0 |
| | Total | 46803 | 93.2 | 100.0 | |
| Missing | 99 Missing | 3409 | 6.8 | | |
| Total | | 50212 | 100.0 | | |

VeryLBWght_16 Indicator 1.7a: Children who had a very low birth weight, that is they weighed less than 1500 grams when they were born

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Child was born with very low birth weight (<1500g) | 605 | 1.2 | 1.3 | 1.3 |
| | 2 Child was born with low birth weight (1501-2500g) | 3106 | 6.2 | 6.6 | 7.9 |
| | 3 Did not have low birth weight | 43092 | 85.8 | 92.1 | 100.0 |
| | Total | 46803 | 93.2 | 100.0 | |
| Missing | 99 Missing | 3409 | 6.8 | | |
| Total | | 50212 | 100.0 | | |

BornPre_16 Indicator 1.8: Children who were born premature, that is more than 3 weeks before their due date

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 5302 | 10.6 | 10.7 | 10.7 |
| | 2 No | 44223 | 88.1 | 89.3 | 100.0 |
| | Total | 49525 | 98.6 | 100.0 | |
| Missing | 99 Missing | 687 | 1.4 | | |
| Total | | 50212 | 100.0 | | |

Cond2more27_16 Indicator 1.9: Children with one or more current health conditions out of 27 conditions

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have any current health conditions | 29738 | 59.2 | 59.2 | 59.2 |
| | 2 Currently have 1 health condition | 10351 | 20.6 | 20.6 | 79.8 |
| | 3 Currently have 2 or more health conditions | 10123 | 20.2 | 20.2 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

allergies_16 Children currently have allergies including food, drug, insect, or other

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 36131 | 72.0 | 72.2 | 72.2 |
| | 2 Ever told, but do not currently have condition | 2714 | 5.4 | 5.4 | 77.6 |
| | 3 Currently have condition | 11195 | 22.3 | 22.4 | 100.0 |
| | Total | 50040 | 99.7 | 100.0 | |
| Missing | 99 Missing | 172 | .3 | | |
| Total | | 50212 | 100.0 | | |

arthritis_16 Children currently have arthritis

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 49635 | 98.9 | 99.7 | 99.7 |
| | 2 Ever told, but do not currently have condition | 35 | .1 | .1 | 99.7 |
| | 3 Currently have condition | 138 | .3 | .3 | 100.0 |
| | Total | 49808 | 99.2 | 100.0 | |
| Missing | 99 Missing | 404 | .8 | | |
| Total | | 50212 | 100.0 | | |

asthma_16 Children currently have asthma

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 43549 | 86.7 | 87.6 | 87.6 |
| | 2 Ever told, but do not currently have condition | 2150 | 4.3 | 4.3 | 91.9 |
| | 3 Currently have condition | 4030 | 8.0 | 8.1 | 100.0 |
| | Total | 49729 | 99.0 | 100.0 | |
| Missing | 99 Missing | 483 | 1.0 | | |
| Total | | 50212 | 100.0 | | |

blood_16 Children currently have blood disorders such as sickle cell disease, thalassemia, or hemophilia

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 49713 | 99.0 | 99.4 | 99.4 |
| | 2 Ever told, but do not currently have condition | 73 | .1 | .1 | 99.6 |
| | 3 Currently have condition | 218 | .4 | .4 | 100.0 |
| | Total | 50004 | 99.6 | 100.0 | |
| Missing | 99 Missing | 208 | .4 | | |
| Total | | 50212 | 100.0 | | |

BrainInj_16 Children currently have a brain injury or concussion

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 47757 | 95.1 | 95.5 | 95.5 |
| | 2 Ever told, but do not currently have condition | 1952 | 3.9 | 3.9 | 99.4 |
| | 3 Currently have condition | 276 | .5 | .6 | 100.0 |
| | Total | 49985 | 99.5 | 100.0 | |
| Missing | 99 Missing | 227 | .5 | | |
| Total | | 50212 | 100.0 | | |

palsy_16 Children currently have cerebral palsy

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 49844 | 99.3 | 99.7 | 99.7 |
| | 2 Ever told, but do not currently have condition | 24 | .0 | .0 | 99.7 |
| | 3 Currently have condition | 135 | .3 | .3 | 100.0 |
| | Total | 50003 | 99.6 | 100.0 | |
| Missing | 99 Missing | 209 | .4 | | |
| Total | | 50212 | 100.0 | | |

CystFib_16 Children currently have cystic fibrosis

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 49941 | 99.5 | 99.9 | 99.9 |
| | 2 Ever told, but do not currently have condition | 9 | .0 | .0 | 99.9 |
| | 3 Currently have condition | 27 | .1 | .1 | 100.0 |
| | Total | 49977 | 99.5 | 100.0 | |
| Missing | 99 Missing | 235 | .5 | | |
| Total | | 50212 | 100.0 | | |

diabetes_16 Children currently have diabetes

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 49748 | 99.1 | 99.5 | 99.5 |
| | 2 Ever told, but do not currently have condition | 18 | .0 | .0 | 99.5 |
| | 3 Currently have condition | 232 | .5 | .5 | 100.0 |
| | Total | 49998 | 99.6 | 100.0 | |
| Missing | 99 Missing | 214 | .4 | | |
| Total | | 50212 | 100.0 | | |

DownSynd_16 Children currently have Down Syndrome

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 49938 | 99.5 | 99.8 | 99.8 |
| | 2 Ever told, but do not currently have condition | 9 | .0 | .0 | 99.8 |
| | 3 Currently have condition | 86 | .2 | .2 | 100.0 |
| | Total | 50033 | 99.6 | 100.0 | |
| Missing | 99 Missing | 179 | .4 | | |
| Total | | 50212 | 100.0 | | |

seizure_16 Children currently have epilepsy or seizure disorder

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 49482 | 98.5 | 98.9 | 98.9 |
| | 2 Ever told, but do not currently have condition | 205 | .4 | .4 | 99.4 |
| | 3 Currently have condition | 321 | .6 | .6 | 100.0 |
| | Total | 50008 | 99.6 | 100.0 | |
| Missing | 99 Missing | 204 | .4 | | |
| Total | | 50212 | 100.0 | | |

genetic_16 Children currently have a genetic or inherited condition

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 48234 | 96.1 | 96.5 | 96.5 |
| | 2 Ever told, but do not currently have condition | 104 | .2 | .2 | 96.7 |
| | 3 Currently have condition | 1650 | 3.3 | 3.3 | 100.0 |
| | Total | 49988 | 99.6 | 100.0 | |
| Missing | 99 Missing | 224 | .4 | | |
| Total | | 50212 | 100.0 | | |

heart_16 Children currently have a heart condition

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 48872 | 97.3 | 97.7 | 97.7 |
| | 2 Ever told, but do not currently have condition | 510 | 1.0 | 1.0 | 98.7 |
| | 3 Currently have condition | 650 | 1.3 | 1.3 | 100.0 |
| | Total | 50032 | 99.6 | 100.0 | |
| Missing | 99 Missing | 180 | .4 | | |
| Total | | 50212 | 100.0 | | |

headache_16 Children currently have frequent severe headache, including migraine, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 41009 | 81.7 | 95.2 | 95.2 |
| | 2 Ever told, but do not currently have condition | 536 | 1.1 | 1.2 | 96.5 |
| | 3 Currently have condition | 1517 | 3.0 | 3.5 | 100.0 |
| | Total | 43062 | 85.8 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 221 | .4 | | |
| | Total | 7150 | 14.2 | | |
| Total | | 50212 | 100.0 | | |

tourette_16 Children currently have Tourette Syndrome, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 43009 | 85.7 | 99.7 | 99.7 |
| | 2 Ever told, but do not currently have condition | 19 | .0 | .0 | 99.8 |
| | 3 Currently have condition | 106 | .2 | .2 | 100.0 |
| | Total | 43134 | 85.9 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 149 | .3 | | |
| | Total | 7078 | 14.1 | | |
| Total | | 50212 | 100.0 | | |

anxiety_16 Children currently have anxiety problems, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 38639 | 77.0 | 89.9 | 89.9 |
| | 2 Ever told, but do not currently have condition | 595 | 1.2 | 1.4 | 91.2 |
| | 3 Currently have condition | 3763 | 7.5 | 8.8 | 100.0 |
| | Total | 42997 | 85.6 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 286 | .6 | | |
| | Total | 7215 | 14.4 | | |
| Total | | 50212 | 100.0 | | |

depress_16 Children currently have depression, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 40932 | 81.5 | 95.0 | 95.0 |
| | 2 Ever told, but do not currently have condition | 470 | .9 | 1.1 | 96.1 |
| | 3 Currently have condition | 1672 | 3.3 | 3.9 | 100.0 |
| | Total | 43074 | 85.8 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 209 | .4 | | |
| | Total | 7138 | 14.2 | | |
| Total | | 50212 | 100.0 | | |

behavior_16 Children currently have behavioral or conduct problems, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 39128 | 77.9 | 90.9 | 90.9 |
| | 2 Ever told, but do not currently have condition | 750 | 1.5 | 1.7 | 92.6 |
| | 3 Currently have condition | 3173 | 6.3 | 7.4 | 100.0 |
| | Total | 43051 | 85.7 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 232 | .5 | | |
| | Total | 7161 | 14.3 | | |
| Total | | 50212 | 100.0 | | |

SubAbuse_16 Children currently have substance abuse disorder, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 35017 | 69.7 | 99.7 | 99.7 |
| | 2 Ever told, but do not currently have condition | 44 | .1 | .1 | 99.8 |
| | 3 Currently have condition | 67 | .1 | .2 | 100.0 |
| | Total | 35128 | 70.0 | 100.0 | |
| Missing | 95 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 590 | 1.2 | | |
| | Total | 15084 | 30.0 | | |
| Total | | 50212 | 100.0 | | |

DevDelay_16 Children currently have any developmental delay, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 40197 | 80.1 | 93.3 | 93.3 |
| | 2 Ever told, but do not currently have condition | 764 | 1.5 | 1.8 | 95.1 |
| | 3 Currently have condition | 2114 | 4.2 | 4.9 | 100.0 |
| | Total | 43075 | 85.8 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 208 | .4 | | |
| | Total | 7137 | 14.2 | | |
| Total | | 50212 | 100.0 | | |

IntDisab_16 Children currently have intellectual disability or mental retardation, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 42600 | 84.8 | 98.9 | 98.9 |
| | 2 Ever told, but do not currently have condition | 12 | .0 | .0 | 98.9 |
| | 3 Currently have condition | 459 | .9 | 1.1 | 100.0 |
| | Total | 43071 | 85.8 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 212 | .4 | | |
| | Total | 7141 | 14.2 | | |
| Total | | 50212 | 100.0 | | |

speech_16 Children currently have any stuttering, stammering, or other speech problems, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 39672 | 79.0 | 92.1 | 92.1 |
| | 2 Ever told, but do not currently have condition | 1347 | 2.7 | 3.1 | 95.2 |
| | 3 Currently have condition | 2070 | 4.1 | 4.8 | 100.0 |
| | Total | 43089 | 85.8 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 194 | .4 | | |
| | Total | 7123 | 14.2 | | |
| Total | | 50212 | 100.0 | | |

learning_16 Children currently have a learning disability, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 39909 | 79.5 | 92.6 | 92.6 |
| | 2 Ever told, but do not currently have condition | 219 | .4 | .5 | 93.1 |
| | 3 Currently have condition | 2959 | 5.9 | 6.9 | 100.0 |
| | Total | 43087 | 85.8 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 196 | .4 | | |
| | Total | 7125 | 14.2 | | |
| Total | | 50212 | 100.0 | | |

OthrMent_16 Children currently have any other mental health condition, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 40563 | 80.8 | 93.8 | 93.8 |
| | 2 Ever told, but do not currently have condition | 145 | .3 | .3 | 94.2 |
| | 3 Currently have condition | 2522 | 5.0 | 5.8 | 100.0 |
| | Total | 43230 | 86.1 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 53 | .1 | | |
| | Total | 6982 | 13.9 | | |
| Total | | 50212 | 100.0 | | |

autism_16 Children currently have autism, Asperger's Disorder, pervasive developmental disorder, or other autism spectrum disorder, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 41803 | 83.3 | 97.2 | 97.2 |
| | 2 Ever told, but do not currently have condition | 87 | .2 | .2 | 97.4 |
| | 3 Currently have condition | 1131 | 2.3 | 2.6 | 100.0 |
| | Total | 43021 | 85.7 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 262 | .5 | | |
| | Total | 7191 | 14.3 | | |
| Total | | 50212 | 100.0 | | |

ADHD_16 Children currently have ADD or ADHD, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 38209 | 76.1 | 89.2 | 89.2 |
| | 2 Ever told, but do not currently have condition | 380 | .8 | .9 | 90.1 |
| | 3 Currently have condition | 4252 | 8.5 | 9.9 | 100.0 |
| | Total | 42841 | 85.3 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 442 | .9 | | |
| | Total | 7371 | 14.7 | | |
| Total | | 50212 | 100.0 | | |

hearing_16 Children who have deafness or problems with hearing

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 593 | 1.2 | 1.2 | 1.2 |
| | 2 No | 49250 | 98.1 | 98.8 | 100.0 |
| | Total | 49843 | 99.3 | 100.0 | |
| Missing | 99 Missing | 369 | .7 | | |
| Total | | 50212 | 100.0 | | |

vision_16 “Children who have blindness or problems with seeing, even when wearing glasses”

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 606 | 1.2 | 1.2 | 1.2 |
| | 2 No | 49358 | 98.3 | 98.8 | 100.0 |
| | Total | 49964 | 99.5 | 100.0 | |
| Missing | 99 Missing | 248 | .5 | | |
| Total | | 50212 | 100.0 | | |

AllerSev_16 Parent-rated severity of current allergies including food, drug, insect, or other

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 38845 | 77.4 | 77.7 | 77.7 |
| | 2 Current condition, rated mild | 6551 | 13.0 | 13.1 | 90.8 |
| | 3 Current condition, rated moderate/severe | 4618 | 9.2 | 9.2 | 100.0 |
| | Total | 50014 | 99.6 | 100.0 | |
| Missing | 99 Missing | 198 | .4 | | |
| Total | | 50212 | 100.0 | | |

ArthrSev_16 Parent-rated severity of current arthritis

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 49670 | 98.9 | 99.7 | 99.7 |
| | 2 Current condition, rated mild | 76 | .2 | .2 | 99.9 |
| | 3 Current condition, rated moderate/severe | 60 | .1 | .1 | 100.0 |
| | Total | 49806 | 99.2 | 100.0 | |
| Missing | 99 Missing | 406 | .8 | | |
| Total | | 50212 | 100.0 | | |

AsthmSev_16 Parent-rated severity of current asthma

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 45699 | 91.0 | 91.9 | 91.9 |
| | 2 Current condition, rated mild | 2856 | 5.7 | 5.7 | 97.7 |
| | 3 Current condition, rated moderate/severe | 1152 | 2.3 | 2.3 | 100.0 |
| | Total | 49707 | 99.0 | 100.0 | |
| Missing | 99 Missing | 505 | 1.0 | | |
| Total | | 50212 | 100.0 | | |

BloodSev_16 Parent-rated severity of current blood disorders (such as sickle cell disease, thalassemia, or hemophilia)

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 49786 | 99.2 | 99.6 | 99.6 |
| | 2 Current condition, rated mild | 145 | .3 | .3 | 99.9 |
| | 3 Current condition, rated moderate/severe | 72 | .1 | .1 | 100.0 |
| | Total | 50003 | 99.6 | 100.0 | |
| Missing | 99 Missing | 209 | .4 | | |
| Total | | 50212 | 100.0 | | |

BrainSev_16 Parent-rated severity of current brain injury, concussion, or head injury

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 49709 | 99.0 | 99.4 | 99.4 |
| | 2 Current condition, rated mild | 107 | .2 | .2 | 99.7 |
| | 3 Current condition, rated moderate/severe | 169 | .3 | .3 | 100.0 |
| | Total | 49985 | 99.5 | 100.0 | |
| Missing | 99 Missing | 227 | .5 | | |
| Total | | 50212 | 100.0 | | |

PalsySev_16 Parent-rated severity of current cerebral palsy

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 49868 | 99.3 | 99.7 | 99.7 |
| | 2 Current condition, rated mild | 53 | .1 | .1 | 99.8 |
| | 3 Current condition, rated moderate/severe | 82 | .2 | .2 | 100.0 |
| | Total | 50003 | 99.6 | 100.0 | |
| Missing | 99 Missing | 209 | .4 | | |
| Total | | 50212 | 100.0 | | |

DiabetSev_16 Parent-rated severity of current diabetes

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 49766 | 99.1 | 99.5 | 99.5 |
| | 2 Current condition, rated mild | 51 | .1 | .1 | 99.6 |
| | 3 Current condition, rated moderate/severe | 176 | .4 | .4 | 100.0 |
| | Total | 49993 | 99.6 | 100.0 | |
| Missing | 99 Missing | 219 | .4 | | |
| Total | | 50212 | 100.0 | | |

DownSsev_16 Parent-rated severity of current Down Syndrome

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 49947 | 99.5 | 99.8 | 99.8 |
| | 2 Current condition, rated mild | 26 | .1 | .1 | 99.9 |
| | 3 Current condition, rated moderate/severe | 59 | .1 | .1 | 100.0 |
| | Total | 50032 | 99.6 | 100.0 | |
| Missing | 99 Missing | 180 | .4 | | |
| Total | | 50212 | 100.0 | | |

SeizSev_16 Parent-rated severity of current epilepsy or seizure disorder

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 49687 | 99.0 | 99.4 | 99.4 |
| | 2 Current condition, rated mild | 180 | .4 | .4 | 99.7 |
| | 3 Current condition, rated moderate/severe | 137 | .3 | .3 | 100.0 |
| | Total | 50004 | 99.6 | 100.0 | |
| Missing | 99 Missing | 208 | .4 | | |
| Total | | 50212 | 100.0 | | |

GenetSev_16 Parent-rated severity of current genetic or inherited condition

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 48338 | 96.3 | 96.7 | 96.7 |
| | 2 Current condition, rated mild | 650 | 1.3 | 1.3 | 98.0 |
| | 3 Current condition, rated moderate/severe | 985 | 2.0 | 2.0 | 100.0 |
| | Total | 49973 | 99.5 | 100.0 | |
| Missing | 99 Missing | 239 | .5 | | |
| Total | | 50212 | 100.0 | | |

HeartSev_16 Parent-rated severity of current heart condition

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 49382 | 98.3 | 98.7 | 98.7 |
| | 2 Current condition, rated mild | 495 | 1.0 | 1.0 | 99.7 |
| | 3 Current condition, rated moderate/severe | 149 | .3 | .3 | 100.0 |
| | Total | 50026 | 99.6 | 100.0 | |
| Missing | 99 Missing | 186 | .4 | | |
| Total | | 50212 | 100.0 | | |

HeadSev_16 Parent-rated severity of current frequent or severe headaches including migraine, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 41545 | 82.7 | 96.5 | 96.5 |
| | 2 Current condition, rated mild | 747 | 1.5 | 1.7 | 98.2 |
| | 3 Current condition, rated moderate/severe | 754 | 1.5 | 1.8 | 100.0 |
| | Total | 43046 | 85.7 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 237 | .5 | | |
| | Total | 7166 | 14.3 | | |
| Total | | 50212 | 100.0 | | |

TouretSev_16 Parent-rated severity of current Tourette Syndrome, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 43028 | 85.7 | 99.8 | 99.8 |
| | 2 Current condition, rated mild | 65 | .1 | .2 | 99.9 |
| | 3 Current condition, rated moderate/severe | 41 | .1 | .1 | 100.0 |
| | Total | 43134 | 85.9 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 149 | .3 | | |
| | Total | 7078 | 14.1 | | |
| Total | | 50212 | 100.0 | | |

AnxietSev_16 Parent-rated severity of current anxiety, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 39234 | 78.1 | 91.3 | 91.3 |
| | 2 Current condition, rated mild | 1796 | 3.6 | 4.2 | 95.5 |
| | 3 Current condition, rated moderate/severe | 1942 | 3.9 | 4.5 | 100.0 |
| | Total | 42972 | 85.6 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 311 | .6 | | |
| | Total | 7240 | 14.4 | | |
| Total | | 50212 | 100.0 | | |

DepresSev_16 Parent-rated severity of current depression, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 41402 | 82.5 | 96.2 | 96.2 |
| | 2 Current condition, rated mild | 806 | 1.6 | 1.9 | 98.0 |
| | 3 Current condition, rated moderate/severe | 851 | 1.7 | 2.0 | 100.0 |
| | Total | 43059 | 85.8 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 224 | .4 | | |
| | Total | 7153 | 14.2 | | |
| Total | | 50212 | 100.0 | | |

BehavSev_16 Parent-rated severity of current behavioral or conduct problems, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 39878 | 79.4 | 92.7 | 92.7 |
| | 2 Current condition, rated mild | 1354 | 2.7 | 3.1 | 95.8 |
| | 3 Current condition, rated moderate/severe | 1803 | 3.6 | 4.2 | 100.0 |
| | Total | 43035 | 85.7 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 248 | .5 | | |
| | Total | 7177 | 14.3 | | |
| Total | | 50212 | 100.0 | | |

SubAbSev_16 Parent-rated severity of current substance abuse disorder, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 35061 | 69.8 | 99.8 | 99.8 |
| | 2 Current condition, rated mild | 28 | .1 | .1 | 99.9 |
| | 3 Current condition, rated moderate/severe | 37 | .1 | .1 | 100.0 |
| | Total | 35126 | 70.0 | 100.0 | |
| Missing | 95 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 592 | 1.2 | | |
| | Total | 15086 | 30.0 | | |
| Total | | 50212 | 100.0 | | |

DevDelSev_16 Parent-rated severity of child's developmental delay, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 40961 | 81.6 | 95.1 | 95.1 |
| | 2 Current condition, rated mild | 921 | 1.8 | 2.1 | 97.3 |
| | 3 Current condition, rated moderate/severe | 1178 | 2.3 | 2.7 | 100.0 |
| | Total | 43060 | 85.8 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 223 | .4 | | |
| | Total | 7152 | 14.2 | | |
| Total | | 50212 | 100.0 | | |

IntDisSev_16 Parent-rated severity of current intellectual disability or mental retardation, age 3-17 year

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 42612 | 84.9 | 98.9 | 98.9 |
| | 2 Current condition, rated mild | 152 | .3 | .4 | 99.3 |
| | 3 Current condition, rated moderate/severe | 303 | .6 | .7 | 100.0 |
| | Total | 43067 | 85.8 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 216 | .4 | | |
| | Total | 7145 | 14.2 | | |
| Total | | 50212 | 100.0 | | |

SpeechSev_16 Parent-rated severity of current speech or other language disorder, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 41019 | 81.7 | 95.2 | 95.2 |
| | 2 Current condition, rated mild | 1214 | 2.4 | 2.8 | 98.0 |
| | 3 Current condition, rated moderate/severe | 851 | 1.7 | 2.0 | 100.0 |
| | Total | 43084 | 85.8 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 199 | .4 | | |
| | Total | 7128 | 14.2 | | |
| Total | | 50212 | 100.0 | | |

LearnSev_16 Parent-rated severity of current learning disability, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 40128 | 79.9 | 93.2 | 93.2 |
| | 2 Current condition, rated mild | 1398 | 2.8 | 3.2 | 96.4 |
| | 3 Current condition, rated moderate/severe | 1532 | 3.1 | 3.6 | 100.0 |
| | Total | 43058 | 85.8 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 225 | .4 | | |
| | Total | 7154 | 14.2 | | |
| Total | | 50212 | 100.0 | | |

OthMHSev_16 Parent-rated severity of current other mental health condition, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 40708 | 81.1 | 94.2 | 94.2 |
| | 2 Current condition, rated mild | 825 | 1.6 | 1.9 | 96.2 |
| | 3 Current condition, rated moderate/severe | 1660 | 3.3 | 3.8 | 100.0 |
| | Total | 43193 | 86.0 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 90 | .2 | | |
| | Total | 7019 | 14.0 | | |
| Total | | 50212 | 100.0 | | |

AutismSev_16 Parent-rated severity of current autism, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 41890 | 83.4 | 97.4 | 97.4 |
| | 2 Current condition, rated mild | 576 | 1.1 | 1.3 | 98.7 |
| | 3 Current condition, rated moderate/severe | 547 | 1.1 | 1.3 | 100.0 |
| | Total | 43013 | 85.7 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 270 | .5 | | |
| | Total | 7199 | 14.3 | | |
| Total | | 50212 | 100.0 | | |

ADHDSev_16 Parent-rated severity of current ADD/ADHD, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 38589 | 76.9 | 90.2 | 90.2 |
| | 2 Current condition, rated mild | 1868 | 3.7 | 4.4 | 94.5 |
| | 3 Current condition, rated moderate/severe | 2337 | 4.7 | 5.5 | 100.0 |
| | Total | 42794 | 85.2 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 489 | 1.0 | | |
| | Total | 7418 | 14.8 | | |
| Total | | 50212 | 100.0 | | |

Diff2more_16 Indicator 1.10: Children who experience two or more functional difficulties from a list of 12 difficulties

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 0 Did not have any difficulties | 37560 | 74.8 | 74.9 | 74.9 |
| | 1 One functional difficulty | 8097 | 16.1 | 16.2 | 91.1 |
| | 2 Two or more functional difficulties | 4477 | 8.9 | 8.9 | 100.0 |
| | Total | 50134 | 99.8 | 100.0 | |
| Missing | 99 Missing to all | 78 | .2 | | |
| Total | | 50212 | 100.0 | | |

DiffBreath_16 Children who have experienced breathing or other respiratory problems (such as wheezing or shortness of breath) in the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 4149 | 8.3 | 8.3 | 8.3 |
| | 2 No | 45840 | 91.3 | 91.7 | 100.0 |
| | Total | 49989 | 99.6 | 100.0 | |
| Missing | 99 Missing | 223 | .4 | | |
| Total | | 50212 | 100.0 | | |

DiffSwall_16 Children who have had difficulty with eating or swallowing in the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 704 | 1.4 | 1.4 | 1.4 |
| | 2 No | 49108 | 97.8 | 98.6 | 100.0 |
| | Total | 49812 | 99.2 | 100.0 | |
| Missing | 99 Missing | 400 | .8 | | |
| Total | | 50212 | 100.0 | | |

DiffDigest_16 Children who have had digesting food, including stomach/intestinal problems, constipation, or diarrhea in the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 3717 | 7.4 | 7.5 | 7.5 |
| | 2 No | 46034 | 91.7 | 92.5 | 100.0 |
| | Total | 49751 | 99.1 | 100.0 | |
| Missing | 99 Missing | 461 | .9 | | |
| Total | | 50212 | 100.0 | | |

DiffPain_16 Children who have had difficulty with repeated or chronic physical pain, including headaches or other back or body pain in the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 3229 | 6.4 | 6.5 | 6.5 |
| | 2 No | 46656 | 92.9 | 93.5 | 100.0 |
| | Total | 49885 | 99.3 | 100.0 | |
| Missing | 99 Missing | 327 | .7 | | |
| Total | | 50212 | 100.0 | | |

DiffHands_16 Children who have had difficulty using their hands in the past 12 months, age 0-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 869 | 1.7 | 6.0 | 6.0 |
| | 2 No | 13544 | 27.0 | 94.0 | 100.0 |
| | Total | 14413 | 28.7 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 99 Missing | 81 | .2 | | |
| | Total | 35799 | 71.3 | | |
| Total | | 50212 | 100.0 | | |

DiffCoor_16 Children who have had difficulty with coordination or moving around in the past 12 month, age 0-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 977 | 1.9 | 6.8 | 6.8 |
| | 2 No | 13433 | 26.8 | 93.2 | 100.0 |
| | Total | 14410 | 28.7 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 99 Missing | 84 | .2 | | |
| | Total | 35802 | 71.3 | | |
| Total | | 50212 | 100.0 | | |

DiffMem_16 Children who have serious difficulty concentrating, remembering, or making decisions because of a physical, mental, or emotional condition, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 3368 | 6.7 | 9.6 | 9.6 |
| | 2 No | 31665 | 63.1 | 90.4 | 100.0 |
| | Total | 35033 | 69.8 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 685 | 1.4 | | |
| | Total | 15179 | 30.2 | | |
| Total | | 50212 | 100.0 | | |

DiffWalk_16 Children who have serious difficulty walking or climbing stairs, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 261 | .5 | .7 | .7 |
| | 2 No | 34731 | 69.2 | 99.3 | 100.0 |
| | Total | 34992 | 69.7 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 726 | 1.4 | | |
| | Total | 15220 | 30.3 | | |
| Total | | 50212 | 100.0 | | |

DiffDress_16 Children who have difficulty dressing or bathing, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 451 | .9 | 1.3 | 1.3 |
| | 2 No | 34371 | 68.5 | 98.7 | 100.0 |
| | Total | 34822 | 69.3 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 896 | 1.8 | | |
| | Total | 15390 | 30.7 | | |
| Total | | 50212 | 100.0 | | |

DiffErrand_16 Children who have difficulty doing errands alone, such as visiting a doctor's office or shopping, because of a physical, mental, or emotional condition, age 12-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 826 | 1.6 | 4.1 | 4.1 |
| | 2 No | 19384 | 38.6 | 95.9 | 100.0 |
| | Total | 20210 | 40.2 | 100.0 | |
| Missing | 90 Children age 0-11 years | 29504 | 58.8 | | |
| | 99 Missing | 498 | 1.0 | | |
| | Total | 30002 | 59.8 | | |
| Total | | 50212 | 100.0 | | |

CSHCN_16 Indicator 1.11: Children with special health care needs

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------------|-----------|---------|---------------|--------------------|
| Valid | 1 CSHCN | 11392 | 22.7 | 22.7 | 22.7 |
| | 2 Non-CSHCN | 38820 | 77.3 | 77.3 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

rxmeds_16 Children qualifying on the CSHCN Screener prescription medication criteria

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 8648 | 17.2 | 17.2 | 17.2 |
| | 2 No | 41564 | 82.8 | 82.8 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

serve_16 Children qualifying on the CSHCN Screener for elevated use of services criteria

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 5719 | 11.4 | 11.4 | 11.4 |
| | 2 No | 44493 | 88.6 | 88.6 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

func_16 Children qualifying on the CSHCN Screener functional limitations criteria

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 2579 | 5.1 | 5.1 | 5.1 |
| | 2 No | 47633 | 94.9 | 94.9 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

therapy_16 Children qualifying on the CSHCN Screener specialized therapy criteria

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 2618 | 5.2 | 5.2 | 5.2 |
| | 2 No | 47594 | 94.8 | 94.8 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

mhealth_16 Qualified on ongoing emotional, developmental or behavioral conditions

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 4665 | 9.3 | 9.3 | 9.3 |
| | 2 No | 45547 | 90.7 | 90.7 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

qualnum4_16 Number of CSHCN Screener criteria CSHCN met

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1.00 Qualified on 1 screener criteria | 5076 | 10.1 | 44.6 | 44.6 |
| | 2.00 Qualified on 2 screener criteria | 2466 | 4.9 | 21.6 | 66.2 |
| | 3.00 Qualified on 3 screener criteria | 1958 | 3.9 | 17.2 | 83.4 |
| | 4.00 Qualified on 4 or 5 screener criteria | 1892 | 3.8 | 16.6 | 100.0 |
| | Total | 11392 | 22.7 | 100.0 | |
| Missing | .00 Non-CSHCN | 38820 | 77.3 | | |
| Total | | 50212 | 100.0 | | |

CSHCNtype_16 Children with specific types of special health care needs based on CSHCN screening criteria

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------------------------------|-----------|---------|---------------|--------------------|
| Valid | 0 Non-CSHCN | 38820 | 77.3 | 77.3 | 77.3 |
| | 1 Func (only or w/ any other) | 2579 | 5.1 | 5.1 | 82.4 |
| | 2 Rx meds ONLY | 3817 | 7.6 | 7.6 | 90.1 |
| | 3 Service use ONLY | 1794 | 3.6 | 3.6 | 93.6 |
| | 4 Rx meds AND service use | 3202 | 6.4 | 6.4 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

CSHCNComplex_16 CSHCN status and complexity of health care needs

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|--|-----------|---------|---------------|--------------------|
| Valid | 0 Non-CSHCN | 38820 | 77.3 | 77.3 | 77.3 |
| | 1 CSHCN with less complex health needs | 3817 | 7.6 | 7.6 | 84.9 |
| | 2 CSHCN with more complex health needs | 7575 | 15.1 | 15.1 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

mhneeds_16 CSHCN with and without ongoing emotional, developmental and/or behavioral health special needs

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---|-----------|---------|---------------|--------------------|
| Valid | 1 CSHCN qualifying on mhealth (Q5 + any) | 4665 | 9.3 | 9.3 | 9.3 |
| | 2 CSHCN not qualifying on mhealth (no Q5) | 6727 | 13.4 | 13.4 | 22.7 |
| | 3 Non-CSHCN | 38820 | 77.3 | 77.3 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

DailyAct_16 Indicator 1.12: Extent to which children's health conditions affect their daily activities, among children who have any condition

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Daily activities never affected | 11571 | 23.0 | 59.4 | 59.4 |
| | 2 Daily activities moderately affected some of time | 6231 | 12.4 | 32.0 | 91.4 |
| | 3 Daily activities consistently affected, often a great deal | 1673 | 3.3 | 8.6 | 100.0 |
| | Total | 19475 | 38.8 | 100.0 | |
| Missing | 0 Do not have any conditions | 30343 | 60.4 | | |
| | 99 Missing to both items | 394 | .8 | | |
| | Total | 30737 | 61.2 | | |
| Total | | 50212 | 100.0 | | |

SECTION 2: Emotional and Mental Health

bully_16 Indicator 2.1: Children bully others, pick on them or exclude them, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely or somewhat true | 1981 | 3.9 | 5.7 | 5.7 |
| | 2 Not true | 33036 | 65.8 | 94.3 | 100.0 |
| | Total | 35017 | 69.7 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 701 | 1.4 | | |
| | Total | 15195 | 30.3 | | |
| Total | | 50212 | 100.0 | | |

bullied_16 Indicator 2.2: Children who are bullied, picked on, or excluded by other children, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely or somewhat true | 7995 | 15.9 | 22.9 | 22.9 |
| | 2 Not true | 26924 | 53.6 | 77.1 | 100.0 |
| | Total | 34919 | 69.5 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 799 | 1.6 | | |
| | Total | 15293 | 30.5 | | |
| Total | | 50212 | 100.0 | | |

flrish0to5_16 Indicator 2.3: Flourishing for young children, age 6 months-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely true response to 0-3 items | 4103 | 8.2 | 30.1 | 30.1 |
| | 2 Definitely true response to all 4 items | 9535 | 19.0 | 69.9 | 100.0 |
| | Total | 13638 | 27.2 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age <6 months | 830 | 1.7 | | |
| | 99 Missing to all 4 items | 26 | .1 | | |
| | Total | 36574 | 72.8 | | |
| Total | | 50212 | 100.0 | | |

tender_16 Children are affectionate and tender with parent, age 6 months-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely true | 12967 | 25.8 | 95.4 | 95.4 |
| | 2 Somewhat true or Not true | 627 | 1.2 | 4.6 | 100.0 |
| | Total | 13594 | 27.1 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age <6 months | 830 | 1.7 | | |
| | 99 Missing | 70 | .1 | | |
| | Total | 36618 | 72.9 | | |
| Total | | 50212 | 100.0 | | |

resil0to5_16 Children who bounce back quickly when things don't go his/her way, age 6 months-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely true | 9988 | 19.9 | 73.6 | 73.6 |
| | 2 Somewhat true or Not true | 3590 | 7.1 | 26.4 | 100.0 |
| | Total | 13578 | 27.0 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age <6 months | 830 | 1.7 | | |
| | 99 Missing | 86 | .2 | | |
| | Total | 36634 | 73.0 | | |
| Total | | 50212 | 100.0 | | |

curious0to5_16 Children who show interest and curiosity in learning new things, age 6 months-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely true | 13101 | 26.1 | 96.3 | 96.3 |
| | 2 Somewhat true or Not true | 501 | 1.0 | 3.7 | 100.0 |
| | Total | 13602 | 27.1 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age <6 months | 830 | 1.7 | | |
| | 99 Missing | 62 | .1 | | |
| | Total | 36610 | 72.9 | | |
| Total | | 50212 | 100.0 | | |

smile_16 Children who smile and laugh a lot, age 6 months-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely true | 13242 | 26.4 | 97.3 | 97.3 |
| | 2 Somewhat true or Not true | 369 | .7 | 2.7 | 100.0 |
| | Total | 13611 | 27.1 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age <6 months | 830 | 1.7 | | |
| | 99 Missing | 53 | .1 | | |
| | Total | 36601 | 72.9 | | |
| Total | | 50212 | 100.0 | | |

flrish6to17_16 Indicator 2.4: Flourishing for children and adolescents, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely true response to 0-1 items | 11557 | 23.0 | 32.4 | 32.4 |
| | 2 Definitely true response to 2 items | 9236 | 18.4 | 25.9 | 58.3 |
| | 3 Definitely true response to all 3 items | 14850 | 29.6 | 41.7 | 100.0 |
| | Total | 35643 | 71.0 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing to all 3 items | 75 | .1 | | |
| | Total | 14569 | 29.0 | | |
| Total | | 50212 | 100.0 | | |

curious6to17_16 Children who show interest and curiosity in learning new things, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely true | 29835 | 59.4 | 84.0 | 84.0 |
| | 2 Somewhat true or Not true | 5681 | 11.3 | 16.0 | 100.0 |
| | Total | 35516 | 70.7 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 202 | .4 | | |
| | Total | 14696 | 29.3 | | |
| Total | | 50212 | 100.0 | | |

finishes_16 Children who work to finish the tasks they start, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely true | 22915 | 45.6 | 65.4 | 65.4 |
| | 2 Somewhat true or Not true | 12107 | 24.1 | 34.6 | 100.0 |
| | Total | 35022 | 69.7 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 696 | 1.4 | | |
| | Total | 15190 | 30.3 | | |
| Total | | 50212 | 100.0 | | |

resil6to17_16 Children who stay calm and in control when faced with a challenge, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely true | 17881 | 35.6 | 51.1 | 51.1 |
| | 2 Somewhat true | 15025 | 29.9 | 42.9 | 94.0 |
| | 3 Not true | 2116 | 4.2 | 6.0 | 100.0 |
| | Total | 35022 | 69.7 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 696 | 1.4 | | |
| | Total | 15190 | 30.3 | | |
| Total | | 50212 | 100.0 | | |

argue_16 Indicator 2.5: Children who argue too much, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely true | 2238 | 4.5 | 6.4 | 6.4 |
| | 2 Somewhat true | 9121 | 18.2 | 26.0 | 32.4 |
| | 3 Not true | 23716 | 47.2 | 67.6 | 100.0 |
| | Total | 35075 | 69.9 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 643 | 1.3 | | |
| | Total | 15137 | 30.1 | | |
| Total | | 50212 | 100.0 | | |

MakeFriend_16 Indicator 2.6: Difficulties making and keeping friends, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 No difficulty | 26940 | 53.7 | 77.0 | 77.0 |
| | 2 A little or a lot of difficulty | 8036 | 16.0 | 23.0 | 100.0 |
| | Total | 34976 | 69.7 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 742 | 1.5 | | |
| | Total | 15236 | 30.3 | | |
| Total | | 50212 | 100.0 | | |

ADHDInd_16 Indicator 2.7: Children who currently have ADD or ADHD, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 38209 | 76.1 | 89.2 | 89.2 |
| | 2 Ever told, but do not currently have condition | 380 | .8 | .9 | 90.1 |
| | 3 Currently have condition | 4252 | 8.5 | 9.9 | 100.0 |
| | Total | 42841 | 85.3 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 442 | .9 | | |
| | Total | 7371 | 14.7 | | |
| Total | | 50212 | 100.0 | | |

ADHDSevInd_16 Indicator 2.7a: Parent-rated severity of current ADD/ADHD, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 38589 | 76.9 | 90.2 | 90.2 |
| | 2 Current condition, rated mild | 1868 | 3.7 | 4.4 | 94.5 |
| | 3 Current condition, rated moderate/severe | 2337 | 4.7 | 5.5 | 100.0 |
| | Total | 42794 | 85.2 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 489 | 1.0 | | |
| | Total | 7418 | 14.8 | | |
| Total | | 50212 | 100.0 | | |

ADHDMed_16 Indicator 2.7b: Children currently taking medication for ADD or ADHD, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Currently have condition and taking medication | 2749 | 5.5 | 6.4 | 6.4 |
| | 2 Currently have condition but not taking medication | 1480 | 2.9 | 3.5 | 9.9 |
| | 3 Do not currently have condition | 38589 | 76.9 | 90.1 | 100.0 |
| | Total | 42818 | 85.3 | 100.0 | |
| Missing | 95 Children age 0-2 year | 6929 | 13.8 | | |
| | 99 Missing | 465 | .9 | | |
| | Total | 7394 | 14.7 | | |
| Total | | 50212 | 100.0 | | |

ADHDBehTreat_16 Indicator 2.7c: Received behavioral treatment for ADD/ADHD, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Currently have condition and received behavioral treatment | 1927 | 3.8 | 4.5 | 4.5 |
| | 2 Currently have condition but did not receive behavioral treatment | 2310 | 4.6 | 5.4 | 9.9 |
| | 3 Do not currently have condition | 38589 | 76.9 | 90.1 | 100.0 |
| | Total | 42826 | 85.3 | 100.0 | |
| Missing | 95 Children age 0-2 year | 6929 | 13.8 | | |
| | 99 Missing | 457 | .9 | | |
| | Total | 7386 | 14.7 | | |
| Total | | 50212 | 100.0 | | |

AutismInd_16 Indicator 2.8: Children who currently have autism or Autism Spectrum Disorder, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Do not have condition | 41803 | 83.3 | 97.2 | 97.2 |
| | 2 Ever told, but do not currently have condition | 87 | .2 | .2 | 97.4 |
| | 3 Currently have condition | 1131 | 2.3 | 2.6 | 100.0 |
| | Total | 43021 | 85.7 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 262 | .5 | | |
| | Total | 7191 | 14.3 | | |
| Total | | 50212 | 100.0 | | |

ASDSevlnd_16 Indicator 2.8a: Parent-rated severity of current autism, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Does not currently have condition | 41890 | 83.4 | 97.4 | 97.4 |
| | 2 Current condition, rated mild | 576 | 1.1 | 1.3 | 98.7 |
| | 3 Current condition, rated moderate/severe | 547 | 1.1 | 1.3 | 100.0 |
| | Total | 43013 | 85.7 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 270 | .5 | | |
| | Total | 7199 | 14.3 | | |
| Total | | 50212 | 100.0 | | |

ASDMed_16 Indicator 2.8b: Children currently taking medication for autism/ASD, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Currently have condition and taking medication | 329 | .7 | .8 | .8 |
| | 2 Currently have condition but not taking medication | 791 | 1.6 | 1.8 | 2.6 |
| | 3 Do not currently have condition or missing | 41890 | 83.4 | 97.4 | 100.0 |
| | Total | 43010 | 85.7 | 100.0 | |
| Missing | 95 Children age 0-2 year | 6929 | 13.8 | | |
| | 99 Missing | 273 | .5 | | |
| | Total | 7202 | 14.3 | | |
| Total | | 50212 | 100.0 | | |

ASDBehTreat_16 Indicator 2.8c: Children currently have autism/ASD who received behavioral treatment for autism/ASD during the past 12 months, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Currently have condition and received behavioral treatment | 696 | 1.4 | 1.6 | 1.6 |
| | 2 Currently have condition but did not receive behavioral treatment | 426 | .8 | 1.0 | 2.6 |
| | 3 Do not currently have condition | 41890 | 83.4 | 97.4 | 100.0 |
| | Total | 43012 | 85.7 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 271 | .5 | | |
| | Total | 7200 | 14.3 | | |
| Total | | 50212 | 100.0 | | |

ASDAge_16 Indicator 2.8d: Age of diagnosis for autism/ASD, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 0-2 years | 259 | .5 | 23.1 | 23.1 |
| | 2 3-5 years | 479 | 1.0 | 42.7 | 65.8 |
| | 3 Older than 5 years | 383 | .8 | 34.2 | 100.0 |
| | Total | 1121 | 2.2 | 100.0 | |
| Missing | 995 Children age 0-2 year | 6929 | 13.8 | | |
| | 998 Never told that child has autism/ASD | 41803 | 83.3 | | |
| | 999 Don't know/Missing | 359 | .7 | | |
| | Total | 49091 | 97.8 | | |
| Total | | 50212 | 100.0 | | |

ASDDrType_16 Indicator 2.8e: Type of doctor or other health care provider was the FIRST to tell that this child had autism/ASD, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Primary Care Provider | 167 | .3 | 14.1 | 14.1 |
| | 2 Specialist | 405 | .8 | 34.2 | 48.4 |
| | 3 Mental health professional | 490 | 1.0 | 41.4 | 89.8 |
| | 4 Other | 121 | .2 | 10.2 | 100.0 |
| | Total | 1183 | 2.4 | 100.0 | |
| Missing | 95 Children age 0-2 year | 6929 | 13.8 | | |
| | 96 Never told that child has ASD | 41803 | 83.3 | | |
| | 99 Don't Know/Missing | 297 | .6 | | |
| | Total | 49029 | 97.6 | | |
| Total | | 50212 | 100.0 | | |

MedEmotion_16 Indicator 2.9: Children who are taking medication for autism/ASD, ADHD, emotions, concentration or behavior, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 4327 | 8.6 | 10.1 | 10.1 |
| | 2 No | 38495 | 76.7 | 89.9 | 100.0 |
| | Total | 42822 | 85.3 | 100.0 | |
| Missing | 90 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 461 | .9 | | |
| | Total | 7390 | 14.7 | | |
| Total | | 50212 | 100.0 | | |

SECTION 3: Health Insurance Coverage

CurrIns_16 Indicator 3.1: Health insurance status at time of survey

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Currently insured | 48244 | 96.1 | 96.4 | 96.4 |
| | 2 Currently uninsured | 1780 | 3.5 | 3.6 | 100.0 |
| | Total | 50024 | 99.6 | 100.0 | |
| Missing | 99 Missing | 188 | .4 | | |
| Total | | 50212 | 100.0 | | |

InsGap_16 Indicator 3.2: Children who had consistent health insurance coverage during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Insured continuously all year | 47346 | 94.3 | 95.0 | 95.0 |
| | 2 Child had a gap in coverage | 2504 | 5.0 | 5.0 | 100.0 |
| | Total | 49850 | 99.3 | 100.0 | |
| Missing | 99 Missing | 362 | .7 | | |
| Total | | 50212 | 100.0 | | |

NoCovEmp_16 Child was not covered by health insurance due to change in parent's employment status

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Gap related to employment change | 707 | 1.4 | 29.3 | 29.3 |
| | 2 Gap not related to employment change | 1706 | 3.4 | 70.7 | 100.0 |
| | Total | 2413 | 4.8 | 100.0 | |
| Missing | 95 Insured continuously all year | 47346 | 94.3 | | |
| | 99 Missing | 453 | .9 | | |
| | Total | 47799 | 95.2 | | |
| Total | | 50212 | 100.0 | | |

NoCovOverdue_16 Child was not covered by health insurance because of cancellation due to overdue premium

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Gap related to overdue premium | 120 | .2 | 5.0 | 5.0 |
| | 2 Gap not related to overdue premium | 2293 | 4.6 | 95.0 | 100.0 |
| | Total | 2413 | 4.8 | 100.0 | |
| Missing | 95 Insured continuously all year | 47346 | 94.3 | | |
| | 99 Missing | 453 | .9 | | |
| | Total | 47799 | 95.2 | | |
| Total | | 50212 | 100.0 | | |

NoCovUnafford_16 Dropped health insurance coverage because it was unaffordable

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Gap related to unaffordability | 438 | .9 | 18.2 | 18.2 |
| | 2 Gap not related to unaffordability | 1975 | 3.9 | 81.8 | 100.0 |
| | Total | 2413 | 4.8 | 100.0 | |
| Missing | 95 Insured continuously all year | 47346 | 94.3 | | |
| | 99 Missing | 453 | .9 | | |
| | Total | 47799 | 95.2 | | |
| Total | | 50212 | 100.0 | | |

NoCovBenInadeq_16 Dropped health insurance coverage because benefits were inadequate

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Gap related to inadequacy of coverage | 131 | .3 | 5.4 | 5.4 |
| | 2 Gap not due to inadequacy of coverage | 2282 | 4.5 | 94.6 | 100.0 |
| | Total | 2413 | 4.8 | 100.0 | |
| Missing | 95 Insured continuously all year | 47346 | 94.3 | | |
| | 99 Missing | 453 | .9 | | |
| | Total | 47799 | 95.2 | | |
| Total | | 50212 | 100.0 | | |

NoCovProvInadeq_16 Dropped health insurance coverage because choice of health care provider was inadequate

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Gap related to provider options | 87 | .2 | 3.6 | 3.6 |
| | 2 Gap not related to inadequacy of provider options | 2326 | 4.6 | 96.4 | 100.0 |
| | Total | 2413 | 4.8 | 100.0 | |
| Missing | 95 Insured continuously all year | 47346 | 94.3 | | |
| | 99 Missing | 453 | .9 | | |
| | Total | 47799 | 95.2 | | |
| Total | | 50212 | 100.0 | | |

NoCovRenew_16 Child was not covered by insurance due to problems with application or renewal process

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Gap related to renewal or application process | 560 | 1.1 | 23.2 | 23.2 |
| | 2 Gap not related to renewal or application process | 1853 | 3.7 | 76.8 | 100.0 |
| | Total | 2413 | 4.8 | 100.0 | |
| Missing | 95 Insured continuously all year | 47346 | 94.3 | | |
| | 99 Missing | 453 | .9 | | |
| | Total | 47799 | 95.2 | | |
| Total | | 50212 | 100.0 | | |

NoCovOther_16 Child was not covered by insurance due to other reasons

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Gap related to other reasons | 443 | .9 | 18.4 | 18.4 |
| | 2 Gap not related to other reasons | 1970 | 3.9 | 81.6 | 100.0 |
| | Total | 2413 | 4.8 | 100.0 | |
| Missing | 95 Insured continuously all year | 47346 | 94.3 | | |
| | 99 Missing | 453 | .9 | | |
| | Total | 47799 | 95.2 | | |
| Total | | 50212 | 100.0 | | |

instype_16 Indicator 3.3: Type of current health insurance

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Public only | 9189 | 18.3 | 18.4 | 18.4 |
| | 2 Private only | 36703 | 73.1 | 73.4 | 91.7 |
| | 3 Public and private | 1794 | 3.6 | 3.6 | 95.3 |
| | 4 Insured, type unknown | 558 | 1.1 | 1.1 | 96.4 |
| | 5 Uninsured | 1780 | 3.5 | 3.6 | 100.0 |
| | Total | 50024 | 99.6 | 100.0 | |
| Missing | 99 Missing | 188 | .4 | | |
| Total | | 50212 | 100.0 | | |

benefits_16 Current insurance coverage meets child's health needs

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Always | 31284 | 62.3 | 65.3 | 65.3 |
| | 2 Usually | 13579 | 27.0 | 28.4 | 93.7 |
| | 3 Never/Sometimes | 3018 | 6.0 | 6.3 | 100.0 |
| | Total | 47881 | 95.4 | 100.0 | |
| Missing | 95 Uninsured | 1780 | 3.5 | | |
| | 99 Missing | 551 | 1.1 | | |
| | Total | 2331 | 4.6 | | |
| Total | | 50212 | 100.0 | | |

allows_16 Current insurance coverage allows child to see needed provider

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Always | 37514 | 74.7 | 78.5 | 78.5 |
| | 2 Usually | 8589 | 17.1 | 18.0 | 96.5 |
| | 3 Never/Sometimes | 1684 | 3.4 | 3.5 | 100.0 |
| | Total | 47787 | 95.2 | 100.0 | |
| Missing | 95 Uninsured | 1780 | 3.5 | | |
| | 99 Missing | 645 | 1.3 | | |
| | Total | 2425 | 4.8 | | |
| Total | | 50212 | 100.0 | | |

expense_16 Current insurance coverage has reasonable out of pocket costs

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------------------|-----------|---------|---------------|--------------------|
| Valid | 0 No out of pocket expenses | 9864 | 19.6 | 20.7 | 20.7 |
| | 1 Always | 9061 | 18.0 | 19.0 | 39.7 |
| | 2 Usually | 16367 | 32.6 | 34.4 | 74.1 |
| | 3 Never/Sometimes | 12329 | 24.6 | 25.9 | 100.0 |
| | Total | 47621 | 94.8 | 100.0 | |
| Missing | 95 Uninsured | 1780 | 3.5 | | |
| | 99 Missing | 811 | 1.6 | | |
| | Total | 2591 | 5.2 | | |
| Total | | 50212 | 100.0 | | |

InsAdeq_16 Indicator 3.4: Adequacy of current Insurance coverage

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Current insurance adequate for child's needs | 34690 | 69.1 | 72.1 | 72.1 |
| | 2 Current insurance NOT adequate for child's needs | 13450 | 26.8 | 27.9 | 100.0 |
| | Total | 48140 | 95.9 | 100.0 | |
| Missing | 95 Uninsured | 1780 | 3.5 | | |
| | 99 Missing to all questions | 292 | .6 | | |
| | Total | 2072 | 4.1 | | |
| Total | | 50212 | 100.0 | | |

insurance_16 Children who have adequate insurance and were covered entire year

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Have adequate insurance covered entire year | 34322 | 68.4 | 68.6 | 68.6 |
| | 2 Do not have adequate insurance or uninsured | 15716 | 31.3 | 31.4 | 100.0 |
| | Total | 50038 | 99.7 | 100.0 | |
| Missing | 99 Missing to both | 174 | .3 | | |
| Total | | 50212 | 100.0 | | |

InsMenth_16 Indicator 3.5: Insurance coverage for mental/behavioral health care, age 3-17 years who are insured and recieved mental health care

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Always | 3896 | 7.8 | 46.3 | 46.3 |
| | 2 Usually | 2313 | 4.6 | 27.5 | 73.8 |
| | 3 Sometimes/Never | 2206 | 4.4 | 26.2 | 100.0 |
| | Total | 8415 | 16.8 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 96 Did not receive mental health services/Uninsured at time of the survey | 34476 | 68.7 | | |
| | 99 Missing | 392 | .8 | | |
| | Total | 41797 | 83.2 | | |
| Total | | 50212 | 100.0 | | |

OutOfPckt_16 Indicator 3.6: Out-of-pocket payment for child's health care including medical, dental and vision care during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 No medical or health care expenses or less than \$250 | 25318 | 50.4 | 51.2 | 51.2 |
| | 2 \$250 - \$499 | 8872 | 17.7 | 17.9 | 69.1 |
| | 3 \$500 - \$999 | 6655 | 13.3 | 13.5 | 82.6 |
| | 4 \$1000 - \$5000 | 7476 | 14.9 | 15.1 | 97.7 |
| | 5 More than \$5000 | 1153 | 2.3 | 2.3 | 100.0 |
| | Total | 49474 | 98.5 | 100.0 | |
| Missing | 99 Missing | 738 | 1.5 | | |
| Total | | 50212 | 100.0 | | |

SECTION 4: Health Care Access and Quality

MedCare_16 Indicator 4.1: Children who received any type of medical care during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Received medical care | 44602 | 88.8 | 89.0 | 89.0 |
| | 2 Did not receive any medical care | 5532 | 11.0 | 11.0 | 100.0 |
| | Total | 50134 | 99.8 | 100.0 | |
| Missing | 99 Missing | 78 | .2 | | |
| Total | | 50212 | 100.0 | | |

PrevMed_16 Indicator 4.1a: Children who had one or more preventive medical care visits during past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 One or more preventive visits | 42344 | 84.3 | 85.1 | 85.1 |
| | 2 No preventive care visits | 7435 | 14.8 | 14.9 | 100.0 |
| | Total | 49779 | 99.1 | 100.0 | |
| Missing | 99 Missing | 433 | .9 | | |
| Total | | 50212 | 100.0 | | |

VisitTime_16 Indicator 4.1b: Time with doctor during last preventive check-up

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Less than 10 minutes | 7115 | 14.2 | 16.9 | 16.9 |
| | 2 10-20 minutes | 27331 | 54.4 | 64.8 | 81.7 |
| | 3 More than 20 minutes | 7724 | 15.4 | 18.3 | 100.0 |
| | Total | 42170 | 84.0 | 100.0 | |
| Missing | 95 No preventive care visits during last 12 months | 7435 | 14.8 | | |
| | 99 Missing | 607 | 1.2 | | |
| | Total | 8042 | 16.0 | | |
| Total | | 50212 | 100.0 | | |

PrivateTalk_16 Indicator 4.1c: Children whose doctors spoke with them privately without an adult in the room during last preventive check-up, age 12-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 8922 | 17.8 | 54.2 | 54.2 |
| | 2 No | 7548 | 15.0 | 45.8 | 100.0 |
| | Total | 16470 | 32.8 | 100.0 | |
| Missing | 90 Children age 0-11 years | 29504 | 58.8 | | |
| | 95 No preventive care visits in past 12 months | 3705 | 7.4 | | |
| | 99 Missing | 533 | 1.1 | | |
| | Total | 33742 | 67.2 | | |
| Total | | 50212 | 100.0 | | |

DentCare_16 Indicator 4.2: Children who received any type of dental care during the past 12 months, age 1-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Saw dentist and/or other oral health care provider | 40866 | 81.4 | 85.2 | 85.2 |
| | 2 No dental or oral health care visits | 7111 | 14.2 | 14.8 | 100.0 |
| | Total | 47977 | 95.5 | 100.0 | |
| Missing | 95 Children less than 1 year old | 1852 | 3.7 | | |
| | 99 Missing | 383 | .8 | | |
| | Total | 2235 | 4.5 | | |
| Total | | 50212 | 100.0 | | |

PrevDent_16 Indicator 4.2a: Children who had one or more preventive dental care visits during the past 12 months, age 1-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 One or more dental preventive visits | 39646 | 79.0 | 83.0 | 83.0 |
| | 2 No preventive dental visits | 8126 | 16.2 | 17.0 | 100.0 |
| | Total | 47772 | 95.1 | 100.0 | |
| Missing | 95 Children less than 1 year old | 1852 | 3.7 | | |
| | 99 Missing | 588 | 1.2 | | |
| | Total | 2440 | 4.9 | | |
| Total | | 50212 | 100.0 | | |

MedDentCare_16 Indicator 4.3: Children received both preventive medical and dental care visits in past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Received preventive medical and dental care | 35485 | 70.7 | 72.0 | 72.0 |
| | 2 Did not receive preventive medical and dental care | 13767 | 27.4 | 28.0 | 100.0 |
| | Total | 49252 | 98.1 | 100.0 | |
| Missing | 99 Missing to any | 960 | 1.9 | | |
| Total | | 50212 | 100.0 | | |

MentHCare_16 Indicator 4.4: Children who received needed treatment or counseling from a mental health professional during the past 12 months, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Received mental health care | 5112 | 10.2 | 11.9 | 11.9 |
| | 2 Did not receive mental health care, but needed | 808 | 1.6 | 1.9 | 13.7 |
| | 3 Did not receive mental health care, did not need | 37154 | 74.0 | 86.3 | 100.0 |
| | Total | 43074 | 85.8 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 209 | .4 | | |
| | Total | 7138 | 14.2 | | |
| Total | | 50212 | 100.0 | | |

MentHProb_16 Indicator 4.4a: Problems obtaining mental health care among those who received or needed care, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Received or needed mental health care and did NOT have problem getting it | 3358 | 6.7 | 58.1 | 58.1 |
| | 2 Received or needed mental health care but had a small or big problem getting it | 2420 | 4.8 | 41.9 | 100.0 |
| | Total | 5778 | 11.5 | 100.0 | |
| Missing | 95 Did not need to see a mental health professional | 37154 | 74.0 | | |
| | 96 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 351 | .7 | | |
| | Total | 44434 | 88.5 | | |
| Total | | 50212 | 100.0 | | |

SpecCare_16 Indicator 4.5: Received care from a specialist doctor other than a mental health professional during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Received care from a specialist | 8506 | 16.9 | 17.1 | 17.1 |
| | 2 Did not receive care from a specialist, but needed | 706 | 1.4 | 1.4 | 18.5 |
| | 3 Did not receive care from a specialist, not needed | 40560 | 80.8 | 81.5 | 100.0 |
| | Total | 49772 | 99.1 | 100.0 | |
| Missing | 99 Missing | 440 | .9 | | |
| Total | | 50212 | 100.0 | | |

SpCareProb_16 Indicator 4.5a: Problem obtaining specialist care among those who received specialist care during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Received or needed specialist care and did NOT have problem getting it | 6857 | 13.7 | 76.2 | 76.2 |
| | 2 Received or needed specialist care but had a small or big problem getting it | 2146 | 4.3 | 23.8 | 100.0 |
| | Total | 9003 | 17.9 | 100.0 | |
| Missing | 95 Did not need care from a specialist | 40560 | 80.8 | | |
| | 99 Missing | 649 | 1.3 | | |
| | Total | 41209 | 82.1 | | |
| Total | | 50212 | 100.0 | | |

VisnTest_16 Indicator 4.6: Children who received vision screening ever (0-5 years)/ during the past 2 years (6-17 years)

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Received vision screening | 36272 | 72.2 | 72.5 | 72.5 |
| | 2 Did not receive vision screening | 13783 | 27.4 | 27.5 | 100.0 |
| | Total | 50055 | 99.7 | 100.0 | |
| Missing | 99 Missing | 157 | .3 | | |
| Total | | 50212 | 100.0 | | |

ERVisit_16 Indicator 4.7: Number of hospital emergency room visits for any health reason in the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------|-----------|---------|---------------|--------------------|
| Valid | 1 No visits | 41424 | 82.5 | 82.8 | 82.8 |
| | 2 1 visit | 6751 | 13.4 | 13.5 | 96.3 |
| | 3 2 or more visits | 1830 | 3.6 | 3.7 | 100.0 |
| | Total | 50005 | 99.6 | 100.0 | |
| Missing | 99 Missing | 207 | .4 | | |
| Total | | 50212 | 100.0 | | |

AlterHC_16 Indicator 4.8: Use of alternative health care or treatment during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 4283 | 8.5 | 8.6 | 8.6 |
| | 2 No | 45389 | 90.4 | 91.4 | 100.0 |
| | Total | 49672 | 98.9 | 100.0 | |
| Missing | 99 Missing | 540 | 1.1 | | |
| Total | | 50212 | 100.0 | | |

DrAskConc_16 Indicator 4.9: Doctor asked about parental concerns about the child's learning, development, or behavior, age 0-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 5332 | 10.6 | 38.0 | 38.0 |
| | 2 No | 8696 | 17.3 | 62.0 | 100.0 |
| | Total | 14028 | 27.9 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Did not use any of 4 services | 439 | .9 | | |
| | 99 Missing | 27 | .1 | | |
| | Total | 36184 | 72.1 | | |
| Total | | 50212 | 100.0 | | |

SpecServ_16 Indicator 4.11: Children currently receive special services to meet child's developmental needs such as speech, occupational or behavioral therapy

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Currently receive services | 3504 | 7.0 | 7.0 | 7.0 |
| | 2 Do not currently receive services | 46293 | 92.2 | 93.0 | 100.0 |
| | Total | 49797 | 99.2 | 100.0 | |
| Missing | 99 Missing | 415 | .8 | | |
| Total | | 50212 | 100.0 | | |

SpSerAge_16 Indicator 4.11a: Age start receiving special services to meet child's developmental needs such as speech, occupational or behavioral therapy

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 At age less than 3 years old | 2142 | 4.3 | 27.9 | 27.9 |
| | 2 At age 3-5 years old | 3117 | 6.2 | 40.6 | 68.5 |
| | 3 At age 6-17 years old | 2421 | 4.8 | 31.5 | 100.0 |
| | Total | 7680 | 15.3 | 100.0 | |
| Missing | 0 Never received the services | 41816 | 83.3 | | |
| | 99 Missing | 716 | 1.4 | | |
| | Total | 42532 | 84.7 | | |
| Total | | 50212 | 100.0 | | |

DevScrngg_16 Indicator 4.10: Children who received a developmental screening using a parent-completed screening tool, age 9-35 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1.00 Parent completed developmental screening | 1963 | 3.9 | 35.7 | 35.7 |
| | 2.00 Parent did not complete developmental screening | 3529 | 7.0 | 64.3 | 100.0 |
| | Total | 5492 | 10.9 | 100.0 | |
| Missing | 90.00 Children age 6-17 years | 35718 | 71.1 | | |
| | 95.00 Children age 0-8 months or 3-5 years | 8826 | 17.6 | | |
| | 99.00 Missing | 176 | .4 | | |
| | Total | 44720 | 89.1 | | |
| Total | | 50212 | 100.0 | | |

MedHome_16 Indicator 4.12: Percent of children receiving coordinated, ongoing, comprehensive care within a medical home

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Care MEETS medical home criteria | 27970 | 55.7 | 55.7 | 55.7 |
| | 2 Care DOES NOT meet medical home criteria | 22207 | 44.2 | 44.3 | 100.0 |
| | Total | 50177 | 99.9 | 100.0 | |
| Missing | 99 Missing to any | 35 | .1 | | |
| Total | | 50212 | 100.0 | | |

PerDrNs_16 Indicator 4.12a: Medical Home Component: Children with a personal doctor or nurse

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Have at least one personal doctor or nurse | 38857 | 77.4 | 77.8 | 77.8 |
| | 2 Do not have a personal doctor or nurse | 11075 | 22.1 | 22.2 | 100.0 |
| | Total | 49932 | 99.4 | 100.0 | |
| Missing | 99 Missing | 280 | .6 | | |
| Total | | 50212 | 100.0 | | |

UsualSck_16 Usual sources for sick care

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Have usual sources for sick care | 41941 | 83.5 | 84.6 | 84.6 |
| | 2 Do not have usual sources for sick care | 7638 | 15.2 | 15.4 | 100.0 |
| | Total | 49579 | 98.7 | 100.0 | |
| Missing | 99 Missing | 633 | 1.3 | | |
| Total | | 50212 | 100.0 | | |

UsualPrev_16 Usual sources for preventive care

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Have usual sources for preventive care | 47277 | 94.2 | 94.7 | 94.7 |
| | 2 Do not have usual sources for preventive care | 2640 | 5.3 | 5.3 | 100.0 |
| | Total | 49917 | 99.4 | 100.0 | |
| Missing | 99 Missing | 295 | .6 | | |
| Total | | 50212 | 100.0 | | |

FamCent_16 Indicator 4.12c: Medical Home Component: Family-centered care

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Received family-centered care | 39650 | 79.0 | 90.0 | 90.0 |
| | 2 Did not receive family-centered care | 4386 | 8.7 | 10.0 | 100.0 |
| | Total | 44036 | 87.7 | 100.0 | |
| Missing | 0 Did not have health care visit in the past 12 months | 5532 | 11.0 | | |
| | 99 Missing to any | 644 | 1.3 | | |
| | Total | 6176 | 12.3 | | |
| Total | | 50212 | 100.0 | | |

time_16 Doctors spent enough time with children

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Always | 29501 | 58.8 | 67.2 | 67.2 |
| | 2 Usually | 11572 | 23.0 | 26.3 | 93.5 |
| | 3 Sometimes or never | 2856 | 5.7 | 6.5 | 100.0 |
| | Total | 43929 | 87.5 | 100.0 | |
| Missing | 0 Did not have a health care visit in the past 12 months | 5532 | 11.0 | | |
| | 99 Missing | 751 | 1.5 | | |
| | Total | 6283 | 12.5 | | |
| Total | | 50212 | 100.0 | | |

listen_16 Doctors listened carefully to children's parents

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Always | 32653 | 65.0 | 74.5 | 74.5 |
| | 2 Usually | 9532 | 19.0 | 21.8 | 96.3 |
| | 3 Sometimes or never | 1632 | 3.3 | 3.7 | 100.0 |
| | Total | 43817 | 87.3 | 100.0 | |
| Missing | 0 Did not have a health care visit in the past 12 months | 5532 | 11.0 | | |
| | 99 Missing | 863 | 1.7 | | |
| | Total | 6395 | 12.7 | | |
| Total | | 50212 | 100.0 | | |

sensitiv_16 Doctors showed sensitivity to children's family's values and customs

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Always | 34171 | 68.1 | 78.1 | 78.1 |
| | 2 Usually | 7980 | 15.9 | 18.2 | 96.3 |
| | 3 Sometimes or never | 1613 | 3.2 | 3.7 | 100.0 |
| | Total | 43764 | 87.2 | 100.0 | |
| Missing | 0 Did not have a health care visit in the past 12 months | 5532 | 11.0 | | |
| | 99 Missing | 916 | 1.8 | | |
| | Total | 6448 | 12.8 | | |
| Total | | 50212 | 100.0 | | |

info_16 Doctors provided information specific to parents' concerns

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Always | 33466 | 66.6 | 76.6 | 76.6 |
| | 2 Usually | 8730 | 17.4 | 20.0 | 96.6 |
| | 3 Sometimes or never | 1488 | 3.0 | 3.4 | 100.0 |
| | Total | 43684 | 87.0 | 100.0 | |
| Missing | 0 Did not have a health care visit in the past 12 months | 5532 | 11.0 | | |
| | 99 Missing | 996 | 2.0 | | |
| | Total | 6528 | 13.0 | | |
| Total | | 50212 | 100.0 | | |

partner_16 Doctors helped parents to feel like partners in child's care

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Always | 33428 | 66.6 | 76.7 | 76.7 |
| | 2 Usually | 8281 | 16.5 | 19.0 | 95.7 |
| | 3 Sometimes or never | 1884 | 3.8 | 4.3 | 100.0 |
| | Total | 43593 | 86.8 | 100.0 | |
| Missing | 0 Did not have a health care visit in the past 12 months | 5532 | 11.0 | | |
| | 99 Missing | 1087 | 2.2 | | |
| | Total | 6619 | 13.2 | | |
| Total | | 50212 | 100.0 | | |

NoRefPrb_16 Indicator 4.12d: Medical Home Component: Problems getting needed referrals, all children

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 0 Did not need referrals during the past 12 months | 40818 | 81.3 | 81.7 | 81.7 |
| | 1 No problems getting referral, when needed | 7514 | 15.0 | 15.0 | 96.7 |
| | 2 Had problems getting referrals, when needed | 1627 | 3.2 | 3.3 | 100.0 |
| | Total | 49959 | 99.5 | 100.0 | |
| Missing | 99 Missing | 253 | .5 | | |
| Total | | 50212 | 100.0 | | |

CareCoor_16 Indicator 4.12e: Medical Home Component: Effective care coordination, all children

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 0 Did not need coordinated care or had less than 2 services during the past 12 months | 22701 | 45.2 | 45.6 | 45.6 |
| | 1 Received all needed components of care coordination | 19918 | 39.7 | 40.1 | 85.7 |
| | 2 Did not receive one or more elements of coordination | 7112 | 14.2 | 14.3 | 100.0 |
| | Total | 49731 | 99.0 | 100.0 | |
| Missing | 99 Missing to any | 481 | 1.0 | | |
| Total | | 50212 | 100.0 | | |

DrComm_16 "Satisfaction with communication among child's doctor and other health care provider"

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 0 Did not see more than one health care provider | 22968 | 45.7 | 46.7 | 46.7 |
| | 1 Very satisfied | 19686 | 39.2 | 40.0 | 86.7 |
| | 2 Somewhat satisfied | 5677 | 11.3 | 11.5 | 98.3 |
| | 3 Somewhat dissatisfied/Very dissatisfied | 858 | 1.7 | 1.7 | 100.0 |
| | Total | 49189 | 98.0 | 100.0 | |
| Missing | 99 Missing | 1023 | 2.0 | | |
| Total | | 50212 | 100.0 | | |

ExtraHelp_16 Family needed extra help to coordinate child's health care

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 2046 | 4.1 | 7.8 | 7.8 |
| | 2 No | 24048 | 47.9 | 92.2 | 100.0 |
| | Total | 26094 | 52.0 | 100.0 | |
| Missing | 95 Did not see more than one health care provider in past 12 months | 22968 | 45.7 | | |
| | 99 Missing | 1150 | 2.3 | | |
| | Total | 24118 | 48.0 | | |
| Total | | 50212 | 100.0 | | |

AllExtraHelp_16 Got all needed extra help with care coordination

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Usually got help that was needed | 528 | 1.1 | 26.1 | 26.1 |
| | 2 Sometimes got help that was needed | 878 | 1.7 | 43.4 | 69.4 |
| | 3 Never got help that was needed | 619 | 1.2 | 30.6 | 100.0 |
| | Total | 2025 | 4.0 | 100.0 | |
| Missing | 95 Did not see more than one health care provider/did not need extra help | 47016 | 93.6 | | |
| | 99 Missing | 1171 | 2.3 | | |
| | Total | 48187 | 96.0 | | |
| Total | | 50212 | 100.0 | | |

OtherComm_16 Child's doctors communicate with his/her school, special education program, etc

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Doctors communicate with child's school, etc | 4293 | 8.5 | 9.8 | 9.8 |
| | 2 Doctors did not communicate with school etc. or No communication needed | 39727 | 79.1 | 90.2 | 100.0 |
| | Total | 44020 | 87.7 | 100.0 | |
| Missing | 95 Did not have any health care visit in past 12 months | 5532 | 11.0 | | |
| | 99 Missing | 660 | 1.3 | | |
| | Total | 6192 | 12.3 | | |
| Total | | 50212 | 100.0 | | |

SatOthComm_16 Satisfaction with communication of child's doctors with his/her school, etc

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Very satisfied | 3322 | 6.6 | 77.7 | 77.7 |
| | 2 Less than very satisfied | 956 | 1.9 | 22.3 | 100.0 |
| | Total | 4278 | 8.5 | 100.0 | |
| Missing | 95 Did not have any health care visit in past 12 months | 5532 | 11.0 | | |
| | 96 Doctors did not communicate with child's school, etc or No communication needed | 39727 | 79.1 | | |
| | 99 Missing | 675 | 1.3 | | |
| | Total | 45934 | 91.5 | | |
| Total | | 50212 | 100.0 | | |

ShareDec_16 Indicator 4.14: Children whose families are partners in shared decision-making for their optimal health

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 0 No decisions needed/Did not have a health care visit during the past 12 months | 38569 | 76.8 | 77.8 | 77.8 |
| | 1 Families usually or always feel that they are partners in decision making | 9731 | 19.4 | 19.6 | 97.4 |
| | 2 Families never/sometimes feel that they are partners in decision making | 1264 | 2.5 | 2.6 | 100.0 |
| | Total | 49564 | 98.7 | 100.0 | |
| Missing | 99 Missing | 648 | 1.3 | | |
| Total | | 50212 | 100.0 | | |

DiscussOpt_16 Doctors discussed range of health care/treatment options

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Always | 8027 | 16.0 | 73.4 | 73.4 |
| | 2 Usually | 2073 | 4.1 | 19.0 | 92.4 |
| | 3 Never/Sometimes | 833 | 1.7 | 7.6 | 100.0 |
| | Total | 10933 | 21.8 | 100.0 | |
| Missing | 0 No decisions needed | 33037 | 65.8 | | |
| | 95 Did not have a health care visit | 5532 | 11.0 | | |
| | 99 Missing | 710 | 1.4 | | |
| | Total | 39279 | 78.2 | | |
| Total | | 50212 | 100.0 | | |

RaiseConc_16 Doctors made it easy for parents to raise concerns or disagree with recommendations

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Always | 7901 | 15.7 | 72.3 | 72.3 |
| | 2 Usually | 2166 | 4.3 | 19.8 | 92.1 |
| | 3 Never/Sometimes | 867 | 1.7 | 7.9 | 100.0 |
| | Total | 10934 | 21.8 | 100.0 | |
| Missing | 0 No decisions needed | 33037 | 65.8 | | |
| | 95 Did not have a health care visit | 5532 | 11.0 | | |
| | 99 Missing | 709 | 1.4 | | |
| | Total | 39278 | 78.2 | | |
| Total | | 50212 | 100.0 | | |

BestChoice_16 Doctors worked with parents to decide together health care/treatment options

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Always | 8165 | 16.3 | 74.5 | 74.5 |
| | 2 Usually | 2082 | 4.1 | 19.0 | 93.5 |
| | 3 Never/Sometimes | 718 | 1.4 | 6.5 | 100.0 |
| | Total | 10965 | 21.8 | 100.0 | |
| Missing | 0 No decisions needed | 33037 | 65.8 | | |
| | 95 Did not have a health care visit | 5532 | 11.0 | | |
| | 99 Missing | 678 | 1.4 | | |
| | Total | 39247 | 78.2 | | |
| Total | | 50212 | 100.0 | | |

Transition_16 Indicator 4.15: Adolescents who received services necessary to make planning transitions to adult health care

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Received services necessary for transition to adult health care | 3659 | 7.3 | 17.9 | 17.9 |
| | 2 Did not receive services necessary for transition to adult health care | 16804 | 33.5 | 82.1 | 100.0 |
| | Total | 20463 | 40.8 | 100.0 | |
| Missing | 90 Children age 0-11 years | 29504 | 58.8 | | |
| | 99 Missing to all | 245 | .5 | | |
| | Total | 29749 | 59.2 | | |
| Total | | 50212 | 100.0 | | |

TimeAlone_16 Children who had time alone with health care provider at last check-up, age 12-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Had time alone with provider | 8922 | 17.8 | 44.2 | 44.2 |
| | 2 Did not have time alone with provider/Did not have preventive check-up | 11253 | 22.4 | 55.8 | 100.0 |
| | Total | 20175 | 40.2 | 100.0 | |
| Missing | 90 Children age 0-11 years | 29504 | 58.8 | | |
| | 99 Missing | 533 | 1.1 | | |
| | Total | 30037 | 59.8 | | |
| Total | | 50212 | 100.0 | | |

ActiveWork_16 Provider worked with child to gain skills to manage health/health care or understand health care changes at age 18, age 12-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Met the criteria | 10593 | 21.1 | 58.9 | 58.9 |
| | 2 Did not met criteria | 7384 | 14.7 | 41.1 | 100.0 |
| | Total | 17977 | 35.8 | 100.0 | |
| Missing | 90 Children age 0-11 years | 29504 | 58.8 | | |
| | 99 Missing/Don't know | 2731 | 5.4 | | |
| | Total | 32235 | 64.2 | | |
| Total | | 50212 | 100.0 | | |

TrtAdult_16 Provider discussed shift to adult health care providers if needed, age 12-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 2227 | 4.4 | 18.8 | 18.8 |
| | 2 No | 9598 | 19.1 | 81.2 | 100.0 |
| | Total | 11825 | 23.6 | 100.0 | |
| Missing | 90 Children age 0-11 years | 29504 | 58.8 | | |
| | 95 Discussion not needed or sees provider who can transition | 8245 | 16.4 | | |
| | 99 Missing | 638 | 1.3 | | |
| | Total | 38387 | 76.4 | | |
| Total | | 50212 | 100.0 | | |

SystCare2_16 Indicator 4.17: Percent of children received care in a well-functioning system

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1.00 Received care in a well-functioning system | 10580 | 21.1 | 21.1 | 21.1 |
| | 2.00 Did not receive care in a well-functioning system | 39622 | 78.9 | 78.9 | 100.0 |
| | Total | 50202 | 100.0 | 100.0 | |
| Missing | 99.00 Missing | 10 | .0 | | |
| Total | | 50212 | 100.0 | | |

sys0to11care2_16 Children ages 0-11 meeting one or more of five criteria for system of care

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1.00 Received care in a well-functioning system | 8987 | 17.9 | 30.5 | 30.5 |
| | 2.00 Did not receive care in a well-functioning system | 20514 | 40.9 | 69.5 | 100.0 |
| | Total | 29501 | 58.8 | 100.0 | |
| Missing | 95.00 Children age 12-17 years | 20708 | 41.2 | | |
| | 99.00 Missing | 3 | .0 | | |
| | Total | 20711 | 41.2 | | |
| Total | | 50212 | 100.0 | | |

sys12to17care2_16 Children ages 12-17 meeting one or more of five criteria for system of care

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1.00 Received care in a well-functioning system | 1593 | 3.2 | 7.7 | 7.7 |
| | 2.00 Did not receive care in a well-functioning system | 19108 | 38.1 | 92.3 | 100.0 |
| | Total | 20701 | 41.2 | 100.0 | |
| Missing | 95.00 Children age 0-11 years | 29504 | 58.8 | | |
| | 99.00 Missing | 7 | .0 | | |
| | Total | 29511 | 58.8 | | |
| Total | | 50212 | 100.0 | | |

ForgoneCare_16 Children who needed health care but it was not received

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1.00 Needed care, but did not receive | 1155 | 2.3 | 2.3 | 2.3 |
| | 2.00 Received needed care | 48881 | 97.3 | 97.7 | 100.0 |
| | Total | 50036 | 99.6 | 100.0 | |
| Missing | 99.00 Missing | 176 | .4 | | |
| Total | | 50212 | 100.0 | | |

UnmetMed_16 Did not receive needed medical care during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Did not receive needed medical care | 344 | .7 | .7 | .7 |
| | 2 Received needed medical care | 49678 | 98.9 | 99.3 | 100.0 |
| | Total | 50022 | 99.6 | 100.0 | |
| Missing | 99 Missing | 190 | .4 | | |
| Total | | 50212 | 100.0 | | |

UnmetDent_16 Did not receive needed dental care during the past 12 months, age 1-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Did not receive needed dental care | 538 | 1.1 | 1.1 | 1.1 |
| | 2 Received needed dental care | 47639 | 94.9 | 98.9 | 100.0 |
| | Total | 48177 | 95.9 | 100.0 | |
| Missing | 95 Children age less than 1 year old | 1852 | 3.7 | | |
| | 99 Missing | 183 | .4 | | |
| | Total | 2035 | 4.1 | | |
| Total | | 50212 | 100.0 | | |

UnmetVis_16 Did not receive needed vision care during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Did not receive needed vision care | 187 | .4 | .4 | .4 |
| | 2 Received needed vision care | 49835 | 99.2 | 99.6 | 100.0 |
| | Total | 50022 | 99.6 | 100.0 | |
| Missing | 99 Missing | 190 | .4 | | |
| Total | | 50212 | 100.0 | | |

UnmetHear_16 Did not receive needed hearing care during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Did not receive needed hearing care | 70 | .1 | .1 | .1 |
| | 2 Received needed hearing care | 49952 | 99.5 | 99.9 | 100.0 |
| | Total | 50022 | 99.6 | 100.0 | |
| Missing | 99 Missing | 190 | .4 | | |
| Total | | 50212 | 100.0 | | |

UnmetMH_16 Did not receive needed mental health services during the past 12 months, age 3-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Did not receive needed mental health care | 348 | .7 | .8 | .8 |
| | 2 Received needed mental health care | 42769 | 85.2 | 99.2 | 100.0 |
| | Total | 43117 | 85.9 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 166 | .3 | | |
| | Total | 7095 | 14.1 | | |
| Total | | 50212 | 100.0 | | |

UnmetOther_16 Did not receive needed other health services during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Did not receive needed other types of care | 157 | .3 | .3 | .3 |
| | 2 Received needed other types of care | 49865 | 99.3 | 99.7 | 100.0 |
| | Total | 50022 | 99.6 | 100.0 | |
| Missing | 99 Missing | 190 | .4 | | |
| Total | | 50212 | 100.0 | | |

ineligible_16 Did not receive needed health care because the child was not eligible

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Experienced this difficulty | 328 | .7 | 32.3 | 32.3 |
| | 2 Did not experience this difficulty | 689 | 1.4 | 67.7 | 100.0 |
| | Total | 1017 | 2.0 | 100.0 | |
| Missing | 95 Received needed health care | 48881 | 97.3 | | |
| | 99 Missing | 314 | .6 | | |
| | Total | 49195 | 98.0 | | |
| Total | | 50212 | 100.0 | | |

unavailable_16 Did not receive needed health care because the service this child needed were not available in their area

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Experienced this difficulty | 268 | .5 | 27.0 | 27.0 |
| | 2 Did not experience this difficulty | 724 | 1.4 | 73.0 | 100.0 |
| | Total | 992 | 2.0 | 100.0 | |
| Missing | 95 Received needed health care | 48881 | 97.3 | | |
| | 99 Missing | 339 | .7 | | |
| | Total | 49220 | 98.0 | | |
| Total | | 50212 | 100.0 | | |

appointment_16 Did not receive needed health care because there were problems getting an appointment

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Experienced this difficulty | 443 | .9 | 43.9 | 43.9 |
| | 2 Did not experience this difficulty | 565 | 1.1 | 56.1 | 100.0 |
| | Total | 1008 | 2.0 | 100.0 | |
| Missing | 95 Received needed health care | 48881 | 97.3 | | |
| | 99 Missing | 323 | .6 | | |
| | Total | 49204 | 98.0 | | |
| Total | | 50212 | 100.0 | | |

transport_16 Did not receive needed health care because there were problems with getting transportation or child care

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Experienced this difficulty | 113 | .2 | 11.5 | 11.5 |
| | 2 Did not experience this difficulty | 866 | 1.7 | 88.5 | 100.0 |
| | Total | 979 | 1.9 | 100.0 | |
| Missing | 95 Received needed health care | 48881 | 97.3 | | |
| | 99 Missing | 352 | .7 | | |
| | Total | 49233 | 98.1 | | |
| Total | | 50212 | 100.0 | | |

NotOpen_16 Did not receive needed health care because the office was not open when the child needs care

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Experienced this difficulty | 121 | .2 | 12.4 | 12.4 |
| | 2 Did not experience this difficulty | 852 | 1.7 | 87.6 | 100.0 |
| | Total | 973 | 1.9 | 100.0 | |
| Missing | 95 Received needed health care | 48881 | 97.3 | | |
| | 99 Missing | 358 | .7 | | |
| | Total | 49239 | 98.1 | | |
| Total | | 50212 | 100.0 | | |

CostIssue_16 Did not receive needed health care due to issues related to cost

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Experienced this difficulty | 720 | 1.4 | 67.0 | 67.0 |
| | 2 Did not experience this difficulty | 355 | .7 | 33.0 | 100.0 |
| | Total | 1075 | 2.1 | 100.0 | |
| Missing | 95 Received needed health care | 48881 | 97.3 | | |
| | 99 Missing | 256 | .5 | | |
| | Total | 49137 | 97.9 | | |
| Total | | 50212 | 100.0 | | |

MedBills_16 Indicator 4.19: Family had problems paying for child's medical or health care bills during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 0 No medical or health-related expenses | 10552 | 21.0 | 21.3 | 21.3 |
| | 1 Had problems paying medical bills | 5365 | 10.7 | 10.8 | 32.1 |
| | 2 Did not have problems paying medical bills | 33598 | 66.9 | 67.9 | 100.0 |
| | Total | 49515 | 98.6 | 100.0 | |
| Missing | 99 Missing | 697 | 1.4 | | |
| Total | | 50212 | 100.0 | | |

frustrated_16 Indicator 4.20: Family frustrated in efforts to get services for their children during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------------------|-----------|---------|---------------|--------------------|
| Valid | 0 Never frustrated | 42284 | 84.2 | 84.8 | 84.8 |
| | 1 Sometimes frustrated | 6603 | 13.2 | 13.2 | 98.1 |
| | 2 Usually/always frustrated | 968 | 1.9 | 1.9 | 100.0 |
| | Total | 49855 | 99.3 | 100.0 | |
| Missing | 99 Missing | 357 | .7 | | |
| Total | | 50212 | 100.0 | | |

SECTION 5: Community and School Activities**SpEducPln_16 Indicator 5.1: Children currently receives special education or early intervention services, age 1-17 years**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 4342 | 8.6 | 9.0 | 9.0 |
| | 2 No | 43717 | 87.1 | 91.0 | 100.0 |
| | Total | 48059 | 95.7 | 100.0 | |
| Missing | 95 Children under 1 year old | 1852 | 3.7 | | |
| | 99 Missing | 301 | .6 | | |
| | Total | 2153 | 4.3 | | |
| Total | | 50212 | 100.0 | | |

SpEdAge_16 Indicator 5.1a: Age started special education or early intervention plan

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 At age less than 3 years old | 1290 | 2.6 | 19.8 | 19.8 |
| | 2 At age 3-5 years old | 2290 | 4.6 | 35.1 | 54.9 |
| | 3 At age 6-17 years old | 2936 | 5.8 | 45.1 | 100.0 |
| | Total | 6516 | 13.0 | 100.0 | |
| Missing | 0 Never received the services | 41304 | 82.3 | | |
| | 95 Children less than 1 year old | 1852 | 3.7 | | |
| | 99 Missing | 540 | 1.1 | | |
| | Total | 43696 | 87.0 | | |
| Total | | 50212 | 100.0 | | |

SchlEngage_16 Indicator 5.2: School engagement, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely true to both items | 23410 | 46.6 | 66.6 | 66.6 |
| | 2 Definitely true to at least one item | 9772 | 19.5 | 27.8 | 94.4 |
| | 3 Not true to any item | 1972 | 3.9 | 5.6 | 100.0 |
| | Total | 35154 | 70.0 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 564 | 1.1 | | |
| | Total | 15058 | 30.0 | | |
| Total | | 50212 | 100.0 | | |

cares_16 Children who care about doing well in school, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely true | 27134 | 54.0 | 77.5 | 77.5 |
| | 2 Somewhat true or not true | 7858 | 15.6 | 22.5 | 100.0 |
| | Total | 34992 | 69.7 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 726 | 1.4 | | |
| | Total | 15220 | 30.3 | | |
| Total | | 50212 | 100.0 | | |

homework_16 Children who do all required homework, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely true | 25550 | 50.9 | 73.1 | 73.1 |
| | 2 Somewhat true | 7725 | 15.4 | 22.1 | 95.2 |
| | 3 Not true | 1673 | 3.3 | 4.8 | 100.0 |
| | Total | 34948 | 69.6 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 770 | 1.5 | | |
| | Total | 15264 | 30.4 | | |
| Total | | 50212 | 100.0 | | |

ReptGrade_16 Indicator 5.3: Children repeated any grades since starting kindergarten, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 1762 | 3.5 | 5.1 | 5.1 |
| | 2 No | 33114 | 65.9 | 94.9 | 100.0 |
| | Total | 34876 | 69.5 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 842 | 1.7 | | |
| | Total | 15336 | 30.5 | | |
| Total | | 50212 | 100.0 | | |

SchlMiss_16 Indicator 5.4: Missed school days during the past 12 months, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 No missed school days | 9074 | 18.1 | 26.0 | 26.0 |
| | 2 1 - 3 days | 16967 | 33.8 | 48.5 | 74.5 |
| | 3 4 - 6 days | 5370 | 10.7 | 15.4 | 89.8 |
| | 4 7 - 10 days | 2143 | 4.3 | 6.1 | 96.0 |
| | 5 11 or more days | 1407 | 2.8 | 4.0 | 100.0 |
| | Total | 34961 | 69.6 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 757 | 1.5 | | |
| | Total | 15251 | 30.4 | | |
| Total | | 50212 | 100.0 | | |

AftSchAct_16 Indicator 5.5: Children participate in organized activities outside school, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Participate in one or more extracurricular activities | 30079 | 59.9 | 85.9 | 85.9 |
| | 2 Do not participate in extracurricular activities | 4945 | 9.8 | 14.1 | 100.0 |
| | Total | 35024 | 69.8 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing to all | 694 | 1.4 | | |
| | Total | 15188 | 30.2 | | |
| Total | | 50212 | 100.0 | | |

EventPart_16 Indicator 5.6: Parents participate in child's event or activities, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Always or Usually | 30794 | 61.3 | 88.3 | 88.3 |
| | 2 Sometimes | 2281 | 4.5 | 6.5 | 94.8 |
| | 3 Rarely or Never | 1807 | 3.6 | 5.2 | 100.0 |
| | Total | 34882 | 69.5 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 836 | 1.7 | | |
| | Total | 15330 | 30.5 | | |
| Total | | 50212 | 100.0 | | |

volunteer_16 Indicator 5.7: Children participate in community service or volunteer work at school, church, or in the community, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 17802 | 35.5 | 51.5 | 51.5 |
| | 2 No | 16764 | 33.4 | 48.5 | 100.0 |
| | Total | 34566 | 68.8 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 1152 | 2.3 | | |
| | Total | 15646 | 31.2 | | |
| Total | | 50212 | 100.0 | | |

workpay_16 Indicator 5.8: Work for pay outside home, 12-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Worked for pay | 9692 | 19.3 | 48.1 | 48.1 |
| | 2 Did not work for pay | 10437 | 20.8 | 51.9 | 100.0 |
| | Total | 20129 | 40.1 | 100.0 | |
| Missing | 90 Children age 0-11 years | 29504 | 58.8 | | |
| | 99 Missing | 579 | 1.2 | | |
| | Total | 30083 | 59.9 | | |
| Total | | 50212 | 100.0 | | |

mentor_16 Indicator 5.9: Children have at least one adult mentor they can rely on for advice or guidance, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 31851 | 63.4 | 93.1 | 93.1 |
| | 2 No | 2364 | 4.7 | 6.9 | 100.0 |
| | Total | 34215 | 68.1 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 1503 | 3.0 | | |
| | Total | 15997 | 31.9 | | |
| Total | | 50212 | 100.0 | | |

LearnThings_16 Learning to do things for him or herself, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Very well | 6446 | 12.8 | 87.9 | 87.9 |
| | 2 Somewhat well | 839 | 1.7 | 11.4 | 99.3 |
| | 3 Poorly | 39 | .1 | .5 | 99.8 |
| | 4 Not at all | 12 | .0 | .2 | 100.0 |
| | Total | 7336 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 229 | .5 | | |
| | Total | 42876 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

RecogBegin_16 Ability to recognize beginning sound of a word, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 3896 | 7.8 | 53.2 | 53.2 |
| | 2 Most of the time | 2139 | 4.3 | 29.2 | 82.4 |
| | 3 Some of the time | 954 | 1.9 | 13.0 | 95.4 |
| | 4 None of the time | 339 | .7 | 4.6 | 100.0 |
| | Total | 7328 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 237 | .5 | | |
| | Total | 42884 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

confident_16 Parental confidence about child's success in elementary or primary school, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Very confident | 6060 | 12.1 | 82.4 | 82.4 |
| | 2 Mostly confident | 995 | 2.0 | 13.5 | 96.0 |
| | 3 Somewhat confident | 245 | .5 | 3.3 | 99.3 |
| | 4 Not confident at all | 52 | .1 | .7 | 100.0 |
| | Total | 7352 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 213 | .4 | | |
| | Total | 42860 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

Recognize letters of alphabet, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------|-----------|---------|---------------|--------------------|
| Valid | All of them | 4013 | 8.0 | 54.7 | 54.7 |
| | Most of them | 1738 | 3.5 | 23.7 | 78.3 |
| | Some of them | 1365 | 2.7 | 18.6 | 96.9 |
| | None of them | 226 | .5 | 3.1 | 100.0 |
| | Total | 7342 | 14.6 | 100.0 | |
| Missing | Children age 6-17 years | 35718 | 71.1 | | |
| | Children age 0-2 years | 6929 | 13.8 | | |
| | Missing | 223 | .4 | | |
| | Total | 42870 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

Ability to rhyme words, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------|-----------|---------|---------------|--------------------|
| Valid | Yes | 5417 | 10.8 | 74.0 | 74.0 |
| | No | 1905 | 3.8 | 26.0 | 100.0 |
| | Total | 7322 | 14.6 | 100.0 | |
| Missing | Children age 6-17 years | 35718 | 71.1 | | |
| | Children age 0-2 years | 6929 | 13.8 | | |
| | Missing | 243 | .5 | | |
| | Total | 42890 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

ClearExp_16 Ability to explain things child has seen or done, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 3816 | 7.6 | 52.0 | 52.0 |
| | 2 Most of the time | 2848 | 5.7 | 38.8 | 90.8 |
| | 3 Some of the time | 541 | 1.1 | 7.4 | 98.2 |
| | 4 None of the time | 134 | .3 | 1.8 | 100.0 |
| | Total | 7339 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 226 | .5 | | |
| | Total | 42873 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

WriteName_16 Ability to write his/her first name, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 3708 | 7.4 | 50.5 | 50.5 |
| | 2 Most of the time | 757 | 1.5 | 10.3 | 60.9 |
| | 3 Some of the time | 921 | 1.8 | 12.6 | 73.4 |
| | 4 None of the time | 1950 | 3.9 | 26.6 | 100.0 |
| | Total | 7336 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 229 | .5 | | |
| | Total | 42876 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

CountTo_16 Child can count how high, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Not at all or up to five | 309 | .6 | 4.2 | 4.2 |
| | 2 Up to ten | 1317 | 2.6 | 17.9 | 22.1 |
| | 3 Up to 20 | 2995 | 6.0 | 40.8 | 62.9 |
| | 4 Up to 50 | 962 | 1.9 | 13.1 | 76.0 |
| | 5 Up to 100 or more | 1761 | 3.5 | 24.0 | 100.0 |
| | Total | 7344 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 221 | .4 | | |
| | Total | 42868 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

RecogShapes_16 Child recognizes basic shapes, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 5722 | 11.4 | 78.1 | 78.1 |
| | 2 Most of the time | 1133 | 2.3 | 15.5 | 93.5 |
| | 3 Some of the time | 375 | .7 | 5.1 | 98.7 |
| | 4 None of the time | 98 | .2 | 1.3 | 100.0 |
| | Total | 7328 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 237 | .5 | | |
| | Total | 42884 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

distracted_16 Child often easily distracted, 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 244 | .5 | 3.3 | 3.3 |
| | 2 Most of the time | 879 | 1.8 | 12.0 | 15.3 |
| | 3 Some of the time | 5667 | 11.3 | 77.1 | 92.4 |
| | 4 None of the time | 561 | 1.1 | 7.6 | 100.0 |
| | Total | 7351 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 214 | .4 | | |
| | Total | 42861 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

WorkToFin_16 Children often keeps working at something until he or she is finished, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 802 | 1.6 | 10.9 | 10.9 |
| | 2 Most of the time | 4429 | 8.8 | 60.2 | 71.1 |
| | 3 Some of the time | 2035 | 4.1 | 27.7 | 98.8 |
| | 4 None of the time | 91 | .2 | 1.2 | 100.0 |
| | Total | 7357 | 14.7 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 208 | .4 | | |
| | Total | 42855 | 85.3 | | |
| Total | | 50212 | 100.0 | | |

SimpleInst_16 Child often can follow instructions to complete a simple task, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 3165 | 6.3 | 43.1 | 43.1 |
| | 2 Most of the time | 3550 | 7.1 | 48.4 | 91.5 |
| | 3 Some of the time | 595 | 1.2 | 8.1 | 99.6 |
| | 4 None of the time | 28 | .1 | .4 | 100.0 |
| | Total | 7338 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 227 | .5 | | |
| | Total | 42874 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

UsePencil_16 How child holds pencil, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Uses fingers | 5926 | 11.8 | 80.8 | 80.8 |
| | 2 Grips in fist | 1351 | 2.7 | 18.4 | 99.2 |
| | 3 Cannot hold a pencil | 60 | .1 | .8 | 100.0 |
| | Total | 7337 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 228 | .5 | | |
| | Total | 42875 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

PlayWell_16 Child plays well with others, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 2927 | 5.8 | 39.9 | 39.9 |
| | 2 Most of the time | 3979 | 7.9 | 54.2 | 94.1 |
| | 3 Some of the time | 417 | .8 | 5.7 | 99.8 |
| | 4 None of the time | 17 | .0 | .2 | 100.0 |
| | Total | 7340 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 225 | .4 | | |
| | Total | 42872 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

MakeFr3to5_16 Child has difficulty making and keeping friends, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1.00 No difficulty | 6327 | 12.6 | 86.3 | 86.3 |
| | 2.00 A little difficulty | 892 | 1.8 | 12.2 | 98.5 |
| | 3.00 A lot of difficulty | 111 | .2 | 1.5 | 100.0 |
| | Total | 7330 | 14.6 | 100.0 | |
| Missing | 90.00 Children age 6-17 years | 35718 | 71.1 | | |
| | 95.00 Children age 0-2 years | 6929 | 13.8 | | |
| | 99.00 Missing | 235 | .5 | | |
| | Total | 42882 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

NewActivity_16 Child becomes angry or anxious when going from one activity to another, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 68 | .1 | .9 | .9 |
| | 2 Most of the time | 231 | .5 | 3.1 | 4.1 |
| | 3 Some of the time | 3689 | 7.3 | 50.2 | 54.3 |
| | 4 None of the time | 3357 | 6.7 | 45.7 | 100.0 |
| | Total | 7345 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 220 | .4 | | |
| | Total | 42867 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

HurtSad_16 Child shows concern when others are hurt or unhappy, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 2895 | 5.8 | 39.4 | 39.4 |
| | 2 Most of the time | 3508 | 7.0 | 47.7 | 87.0 |
| | 3 Some of the time | 871 | 1.7 | 11.8 | 98.9 |
| | 4 None of the time | 83 | .2 | 1.1 | 100.0 |
| | Total | 7357 | 14.7 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 208 | .4 | | |
| | Total | 42855 | 85.3 | | |
| Total | | 50212 | 100.0 | | |

CalmDown_16 Child can calm down when excited or all wound up, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 1285 | 2.6 | 17.5 | 17.5 |
| | 2 Most of the time | 4503 | 9.0 | 61.4 | 78.9 |
| | 3 Some of the time | 1490 | 3.0 | 20.3 | 99.2 |
| | 4 None of the time | 59 | .1 | .8 | 100.0 |
| | Total | 7337 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 228 | .5 | | |
| | Total | 42875 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

temper_16 Child loses control of his or her temper when things do not go his or her way, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 170 | .3 | 2.3 | 2.3 |
| | 2 Most of the time | 775 | 1.5 | 10.6 | 12.9 |
| | 3 Some of the time | 5467 | 10.9 | 74.4 | 87.3 |
| | 4 None of the time | 932 | 1.9 | 12.7 | 100.0 |
| | Total | 7344 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 | 221 | .4 | | |
| | Total | 42868 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

SitStill1_16 Child often able to sit still, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 1323 | 2.6 | 18.0 | 18.0 |
| | 2 Most of the time | 4215 | 8.4 | 57.4 | 75.4 |
| | 3 Some of the time | 1698 | 3.4 | 23.1 | 98.5 |
| | 4 None of the time | 109 | .2 | 1.5 | 100.0 |
| | Total | 7345 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 220 | .4 | | |
| | Total | 42867 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

expulsion_16 Asked to stay home from child care or preschool because of their behavior, age 3-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 This child did not attend child care or preschool | 1245 | 2.5 | 17.0 | 17.0 |
| | 2 No | 5967 | 11.9 | 81.2 | 98.2 |
| | 3 Yes, I was told to pick up my child early on 1 or more days | 84 | .2 | 1.1 | 99.3 |
| | 4 Yes, I had to keep my child home for 1 full day or more | 24 | .0 | .3 | 99.7 |
| | 5 Yes permanently, I was told my child could no longer attend this child care center or preschool | 25 | .0 | .3 | 100.0 |
| | Total | 7345 | 14.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-2 years or child does not attend child care or preschool | 6929 | 13.8 | | |
| | 99 Missing | 220 | .4 | | |
| | Total | 42867 | 85.4 | | |
| Total | | 50212 | 100.0 | | |

SECTION 6: Family Health and Activities

MothPhyH_16 Indicator 6.1: Physical health status of mother, children living with biological, adopted, step, or foster mother

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Excellent or very good | 33554 | 66.8 | 73.7 | 73.7 |
| | 2 Good | 9693 | 19.3 | 21.3 | 94.9 |
| | 3 Fair or poor | 2310 | 4.6 | 5.1 | 100.0 |
| | Total | 45557 | 90.7 | 100.0 | |
| Missing | 95 No mother in the household or missing to A_RELATION or A_SEX | 4331 | 8.6 | | |
| | 99 Missing | 324 | .6 | | |
| | Total | 4655 | 9.3 | | |
| Total | | 50212 | 100.0 | | |

FathPhyH_16 Indicator 6.1: Physical health status of father, children living with biological, adopted, step, or foster father

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Excellent or very good | 30046 | 59.8 | 73.8 | 73.8 |
| | 2 Good | 8844 | 17.6 | 21.7 | 95.5 |
| | 3 Fair or poor | 1840 | 3.7 | 4.5 | 100.0 |
| | Total | 40730 | 81.1 | 100.0 | |
| Missing | 95 No father in the household or missing to A_RELATION or A_SEX | 9195 | 18.3 | | |
| | 99 Missing | 287 | .6 | | |
| | Total | 9482 | 18.9 | | |
| Total | | 50212 | 100.0 | | |

MotherMH_16 Indicator 6.1a: Mental health status of mother

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Excellent or very good | 35505 | 70.7 | 77.9 | 77.9 |
| | 2 Good | 7938 | 15.8 | 17.4 | 95.4 |
| | 3 Fair or poor | 2114 | 4.2 | 4.6 | 100.0 |
| | Total | 45557 | 90.7 | 100.0 | |
| Missing | 95 No mother in the household or missing to A_RELATION or A_SEX | 4331 | 8.6 | | |
| | 99 Missing | 324 | .6 | | |
| | Total | 4655 | 9.3 | | |
| Total | | 50212 | 100.0 | | |

FatherMH_16 Indicator 6.1a: Mental health status of father, children living with biological, adopted, step, or foster father

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Excellent or very good | 33354 | 66.4 | 81.9 | 81.9 |
| | 2 Good | 6019 | 12.0 | 14.8 | 96.7 |
| | 3 Fair or poor | 1342 | 2.7 | 3.3 | 100.0 |
| | Total | 40715 | 81.1 | 100.0 | |
| Missing | 95 No father in the household or missing to A_RELATION or A_SEX | 9195 | 18.3 | | |
| | 99 Missing | 302 | .6 | | |
| | Total | 9497 | 18.9 | | |
| Total | | 50212 | 100.0 | | |

MotherHSt_16 Indicator 6.3: Mother's overall physical and mental-emotional health status, children living with biological, adopted, step, or foster mother

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Physical & mental health BOTH excellent or very good | 30479 | 60.7 | 67.2 | 67.2 |
| | 2 One or both of physical & mental health are NOT excellent/very good | 14885 | 29.6 | 32.8 | 100.0 |
| | Total | 45364 | 90.3 | 100.0 | |
| Missing | 95 No biological, adoptive, step or foster mother in household or missing to A_RELATION or A_SEX | 4331 | 8.6 | | |
| | 99 Missing | 517 | 1.0 | | |
| | Total | 4848 | 9.7 | | |
| Total | | 50212 | 100.0 | | |

FatherHSt_16 Indicator 6.3: Father's overall physical and mental-emotional health status, children living with biological, adopted, step, or foster father

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Physical & mental health BOTH excellent or very good | 28081 | 55.9 | 69.2 | 69.2 |
| | 2 One or both of physical & mental health are NOT excellent/very good | 12475 | 24.8 | 30.8 | 100.0 |
| | Total | 40556 | 80.8 | 100.0 | |
| Missing | 95 No biological, adoptive, step or foster father in household or missing to A_RELATION or A_SEX | 9195 | 18.3 | | |
| | 99 Missing | 461 | .9 | | |
| | Total | 9656 | 19.2 | | |
| Total | | 50212 | 100.0 | | |

smoking_16 Indicator 6.4: Children who live in households where someone uses cigarettes, cigars, or pipe tobacco

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 7214 | 14.4 | 14.6 | 14.6 |
| | 2 No | 42245 | 84.1 | 85.4 | 100.0 |
| | Total | 49459 | 98.5 | 100.0 | |
| Missing | 99 Missing | 753 | 1.5 | | |
| Total | | 50212 | 100.0 | | |

SmkInside_16 Indicator 6.4a: Someone smokes inside the home

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 No one smokes in the household | 42245 | 84.1 | 85.5 | 85.5 |
| | 2 Someone smokes, not inside the house | 6157 | 12.3 | 12.5 | 98.0 |
| | 3 Someone smokes inside the house | 993 | 2.0 | 2.0 | 100.0 |
| | Total | 49395 | 98.4 | 100.0 | |
| Missing | 99 Missing | 817 | 1.6 | | |
| Total | | 50212 | 100.0 | | |

WrkgngPoor_16 Indicator 6.5: Children live in working poor households-- parents employed full-time with income less than 100% FPL

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Live in 'working poor' household | 3159 | 6.3 | 6.4 | 6.4 |
| | 2 Do not live in 'working poor' household | 46087 | 91.8 | 93.6 | 100.0 |
| | Total | 49246 | 98.1 | 100.0 | |
| Missing | 99 Missing | 966 | 1.9 | | |
| Total | | 50212 | 100.0 | | |

ShareIdeas_16 Indicator 6.6: Parents and children sharing ideas or talk about things that really matter, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Very well | 23619 | 47.0 | 67.7 | 67.7 |
| | 2 Somewhat well | 9827 | 19.6 | 28.2 | 95.8 |
| | 3 Not very well or Not very well at all | 1449 | 2.9 | 4.2 | 100.0 |
| | Total | 34895 | 69.5 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 823 | 1.6 | | |
| | Total | 15317 | 30.5 | | |
| Total | | 50212 | 100.0 | | |

readto_16 Indicator 6.7: Number of days children were read aloud to during the past week, age 0-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 0-3 days | 4603 | 9.2 | 32.1 | 32.1 |
| | 2 4-6 days | 3117 | 6.2 | 21.7 | 53.8 |
| | 3 Every day | 6623 | 13.2 | 46.2 | 100.0 |
| | Total | 14343 | 28.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 99 Missing | 151 | .3 | | |
| | Total | 35869 | 71.4 | | |
| Total | | 50212 | 100.0 | | |

SingStory_16 Indicator 6.8: Number of days children were sung to or told stories to during past week, age 0-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 0-3 days | 3926 | 7.8 | 27.4 | 27.4 |
| | 2 4-6 days | 2900 | 5.8 | 20.2 | 47.6 |
| | 3 Every day | 7525 | 15.0 | 52.4 | 100.0 |
| | Total | 14351 | 28.6 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 99 Missing | 143 | .3 | | |
| | Total | 35861 | 71.4 | | |
| Total | | 50212 | 100.0 | | |

MealTogether_16 Indicator 6.9: Number of days all the family members who live in the household eat a meal together during the past week

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------|-----------|---------|---------------|--------------------|
| Valid | 0 No days | 1503 | 3.0 | 3.0 | 3.0 |
| | 1 1-3 days | 12211 | 24.3 | 24.7 | 27.7 |
| | 2 4-6 days | 17070 | 34.0 | 34.5 | 62.1 |
| | 3 Every day | 18751 | 37.3 | 37.9 | 100.0 |
| | Total | 49535 | 98.7 | 100.0 | |
| Missing | 99 Missing | 677 | 1.3 | | |
| Total | | 50212 | 100.0 | | |

TVwatch_16 Indicator 6.10: Time spent on average weekday watching TV, videos, or playing video games

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 0 Do not watch TV | 3752 | 7.5 | 7.6 | 7.6 |
| | 1 Watch TV less than 1 hour per day | 9495 | 18.9 | 19.1 | 26.7 |
| | 2 Watch TV 1-3 hours per day | 32779 | 65.3 | 66.0 | 92.7 |
| | 3 Watch TV 4 hours or more per day | 3638 | 7.2 | 7.3 | 100.0 |
| | Total | 49664 | 98.9 | 100.0 | |
| Missing | 99 Missing | 548 | 1.1 | | |
| Total | | 50212 | 100.0 | | |

CompEIDev_16 Indicator 6.11: Time spent with a computers, cell phones, handheld video games and other electronic devices doing things other than schoolwork on an average weekday

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 0 Do not use electronic devices | 7193 | 14.3 | 14.5 | 14.5 |
| | 1 Use electronic devices less than 1 hour per day | 10112 | 20.1 | 20.3 | 34.8 |
| | 2 Use electronic devices 1-3 hours per day | 26597 | 53.0 | 53.5 | 88.3 |
| | 3 Use electronic devices 4 hours or more per day | 5798 | 11.5 | 11.7 | 100.0 |
| | Total | 49700 | 99.0 | 100.0 | |
| Missing | 99 Missing | 512 | 1.0 | | |
| Total | | 50212 | 100.0 | | |

FamResilience_16 Indicator 6.12: Family flourishing composite measure

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All/Most of the time to 0-1 items | 3768 | 7.5 | 7.6 | 7.6 |
| | 2 All/Most of the time to 2-3 items | 6485 | 12.9 | 13.1 | 20.7 |
| | 3 All/Most of the time to all 4 items | 39274 | 78.2 | 79.3 | 100.0 |
| | Total | 49527 | 98.6 | 100.0 | |
| Missing | 99 Missing to all 4 items | 685 | 1.4 | | |
| Total | | 50212 | 100.0 | | |

TalkAbout_16 Talk together about what to do when the family faces problems

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 21478 | 42.8 | 43.5 | 43.5 |
| | 2 Most of the time | 21481 | 42.8 | 43.5 | 87.0 |
| | 3 Some/None of the time | 6395 | 12.7 | 13.0 | 100.0 |
| | Total | 49354 | 98.3 | 100.0 | |
| Missing | 99 Missing | 858 | 1.7 | | |
| Total | | 50212 | 100.0 | | |

WrkToSolve_16 Work together to solve the problem when your family faces problems

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 21251 | 42.3 | 43.2 | 43.2 |
| | 2 Most of the time | 21776 | 43.4 | 44.2 | 87.4 |
| | 3 Some/None of the time | 6187 | 12.3 | 12.6 | 100.0 |
| | Total | 49214 | 98.0 | 100.0 | |
| Missing | 99 Missing | 998 | 2.0 | | |
| Total | | 50212 | 100.0 | | |

strengths_16 Know we have strengths to draw on when the family faces problems

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 24539 | 48.9 | 49.9 | 49.9 |
| | 2 Most of the time | 19366 | 38.6 | 39.4 | 89.3 |
| | 3 Some/None of the time | 5267 | 10.5 | 10.7 | 100.0 |
| | Total | 49172 | 97.9 | 100.0 | |
| Missing | 99 Missing | 1040 | 2.1 | | |
| Total | | 50212 | 100.0 | | |

hopeful_16 Stay hopeful even in difficult times when the family faces problems

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 All of the time | 24875 | 49.5 | 50.4 | 50.4 |
| | 2 Most of the time | 21187 | 42.2 | 42.9 | 93.3 |
| | 3 Some/None of the time | 3314 | 6.6 | 6.7 | 100.0 |
| | Total | 49376 | 98.3 | 100.0 | |
| Missing | 99 Missing | 836 | 1.7 | | |
| Total | | 50212 | 100.0 | | |

ACE2more_16 Indicator 6.13: Children experienced two or more adverse childhood experiences

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 No adverse childhood experiences | 29609 | 59.0 | 59.8 | 59.8 |
| | 2 Experienced 1 adverse childhood experience | 10926 | 21.8 | 22.0 | 81.8 |
| | 3 Experienced 2 or more adverse childhood experiences | 9017 | 18.0 | 18.2 | 100.0 |
| | Total | 49552 | 98.7 | 100.0 | |
| Missing | 99 Missing to all 9 items | 660 | 1.3 | | |
| Total | | 50212 | 100.0 | | |

ACEincome_16 Adverse childhood experience: hard to get by on family's income - hard to cover basics like food or housing

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Never hard to get by on family income | 22657 | 45.1 | 46.0 | 46.0 |
| | 2 Rarely hard to get by on family income | 17017 | 33.9 | 34.5 | 80.5 |
| | 3 Somewhat often hard to get by on family income | 7195 | 14.3 | 14.6 | 95.1 |
| | 4 Very often hard to get by on family income | 2438 | 4.9 | 4.9 | 100.0 |
| | Total | 49307 | 98.2 | 100.0 | |
| Missing | 99 Missing | 905 | 1.8 | | |
| Total | | 50212 | 100.0 | | |

ACEdivorce_16 Adverse childhood experience: parent or guardian divorced or separated

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Experienced the adverse childhood experience | 10727 | 21.4 | 21.9 | 21.9 |
| | 2 No adverse childhood experiences | 38197 | 76.1 | 78.1 | 100.0 |
| | Total | 48924 | 97.4 | 100.0 | |
| Missing | 99 Missing | 1288 | 2.6 | | |
| Total | | 50212 | 100.0 | | |

ACEdeath_16 Adverse childhood experience: parent or guardian died

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Experienced the adverse childhood experience | 1377 | 2.7 | 2.8 | 2.8 |
| | 2 No adverse childhood experiences | 47405 | 94.4 | 97.2 | 100.0 |
| | Total | 48782 | 97.2 | 100.0 | |
| Missing | 99 Missing | 1430 | 2.8 | | |
| Total | | 50212 | 100.0 | | |

ACEjail_16 Adverse childhood experience: parent or guardian served time in jail

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Experienced the adverse childhood experience | 2868 | 5.7 | 5.9 | 5.9 |
| | 2 No adverse childhood experiences | 45831 | 91.3 | 94.1 | 100.0 |
| | Total | 48699 | 97.0 | 100.0 | |
| Missing | 99 Missing | 1513 | 3.0 | | |
| Total | | 50212 | 100.0 | | |

ACEdomviol_16 Adverse childhood experience:saw or heard parents or adults slap, hit, kick, punch one another in the home

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Experienced the adverse childhood experience | 2282 | 4.5 | 4.7 | 4.7 |
| | 2 No adverse childhood experiences | 46374 | 92.4 | 95.3 | 100.0 |
| | Total | 48656 | 96.9 | 100.0 | |
| Missing | 99 Missing | 1556 | 3.1 | | |
| Total | | 50212 | 100.0 | | |

ACNeighviol_16 Adverse childhood experience: victim/witness of neighborhood violence

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Experienced the adverse childhood experience | 1545 | 3.1 | 3.2 | 3.2 |
| | 2 No adverse childhood experiences | 47100 | 93.8 | 96.8 | 100.0 |
| | Total | 48645 | 96.9 | 100.0 | |
| Missing | 99 Missing | 1567 | 3.1 | | |
| Total | | 50212 | 100.0 | | |

ACEmhealth_16 Adverse childhood experience: lived with anyone who was mentally ill, suicidal, or severely depressed

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Experienced the adverse childhood experience | 3979 | 7.9 | 8.2 | 8.2 |
| | 2 No adverse childhood experiences | 44614 | 88.9 | 91.8 | 100.0 |
| | Total | 48593 | 96.8 | 100.0 | |
| Missing | 99 Missing | 1619 | 3.2 | | |
| Total | | 50212 | 100.0 | | |

ACEdrug_16 Adverse childhood experience: lived with anyone who had a problem with alcohol or drug

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Experienced the adverse childhood experience | 4336 | 8.6 | 8.9 | 8.9 |
| | 2 No adverse childhood experiences | 44350 | 88.3 | 91.1 | 100.0 |
| | Total | 48686 | 97.0 | 100.0 | |
| Missing | 99 Missing | 1526 | 3.0 | | |
| Total | | 50212 | 100.0 | | |

ACEdiscrim_16 Adverse childhood experience: treated or judged unfairly because of his/her race or ethnic group

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Experienced the adverse childhood experience | 1388 | 2.8 | 2.8 | 2.8 |
| | 2 No adverse childhood experiences | 47442 | 94.5 | 97.2 | 100.0 |
| | Total | 48830 | 97.2 | 100.0 | |
| Missing | 99 Missing | 1382 | 2.8 | | |
| Total | | 50212 | 100.0 | | |

ParAggrav_16 Indicator 6.14: Children whose parents who felt stress from parenting during the past month

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Parent usually/always feels stress from parenting | 2340 | 4.7 | 4.7 | 4.7 |
| | 2 Parent seldom experiences stress from parenting | 47420 | 94.4 | 95.3 | 100.0 |
| | Total | 49760 | 99.1 | 100.0 | |
| Missing | 99 Missing to all 3 items | 452 | .9 | | |
| Total | | 50212 | 100.0 | | |

DiffCare_16 Parent felt child is much harder to care for than most children during the past month

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Never | 33356 | 66.4 | 67.2 | 67.2 |
| | 2 Rarely | 9205 | 18.3 | 18.6 | 85.8 |
| | 3 Sometimes | 5185 | 10.3 | 10.5 | 96.2 |
| | 4 Usually or always | 1864 | 3.7 | 3.8 | 100.0 |
| | Total | 49610 | 98.8 | 100.0 | |
| Missing | 99 Missing | 602 | 1.2 | | |
| Total | | 50212 | 100.0 | | |

bother_16 Parent felt child does things that bother them during the past month

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Never | 22862 | 45.5 | 46.1 | 46.1 |
| | 2 Rarely | 17578 | 35.0 | 35.5 | 81.6 |
| | 3 Sometimes | 8018 | 16.0 | 16.2 | 97.8 |
| | 4 Usually or always | 1114 | 2.2 | 2.2 | 100.0 |
| | Total | 49572 | 98.7 | 100.0 | |
| Missing | 99 Missing | 640 | 1.3 | | |
| Total | | 50212 | 100.0 | | |

angryR_16 Parent felt angry with child during the past month

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Never | 16885 | 33.6 | 34.1 | 34.1 |
| | 2 Rarely | 23575 | 47.0 | 47.6 | 81.7 |
| | 3 Sometimes, usually or always | 9078 | 18.1 | 18.3 | 100.0 |
| | Total | 49538 | 98.7 | 100.0 | |
| Missing | 99 Missing | 674 | 1.3 | | |
| Total | | 50212 | 100.0 | | |

EmSupport_16 Indicator 6.15: Children living with parents who have someone that could turn to for day-to-day emotional support with parenting or raising children

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 40451 | 80.6 | 81.8 | 81.8 |
| | 2 No | 9019 | 18.0 | 18.2 | 100.0 |
| | Total | 49470 | 98.5 | 100.0 | |
| Missing | 99 Missing | 742 | 1.5 | | |
| Total | | 50212 | 100.0 | | |

ParCoping_16 Indicator 6.16: Coping with day-to-day demands of raising children

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Very well | 33118 | 66.0 | 66.6 | 66.6 |
| | 2 Somewhat well or Not very well or Not very well at all | 16620 | 33.1 | 33.4 | 100.0 |
| | Total | 49738 | 99.1 | 100.0 | |
| Missing | 99 Missing | 474 | .9 | | |
| Total | | 50212 | 100.0 | | |

JobChange_16 Indicator 6.17: Job change because problems with child care, age 0-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 1048 | 2.1 | 7.3 | 7.3 |
| | 2 No | 13270 | 26.4 | 92.7 | 100.0 |
| | Total | 14318 | 28.5 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 99 Missing | 176 | .4 | | |
| | Total | 35894 | 71.5 | | |
| Total | | 50212 | 100.0 | | |

StopCutWork_16 Indicator 6.18: Family members stopped working or reduced work hours due to child's health

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Family member cut back hours or stopped working or both | 2280 | 4.5 | 4.6 | 4.6 |
| | 2 Employment not affected | 47409 | 94.4 | 95.4 | 100.0 |
| | Total | 49689 | 99.0 | 100.0 | |
| Missing | 99 Missing to both | 523 | 1.0 | | |
| Total | | 50212 | 100.0 | | |

AvoidChng_16 Indicator 6.19: Children whose family member(s) avoided changing jobs because of concerns about maintaining health insurance

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 3145 | 6.3 | 6.4 | 6.4 |
| | 2 No | 46306 | 92.2 | 93.6 | 100.0 |
| | Total | 49451 | 98.5 | 100.0 | |
| Missing | 99 Missing | 761 | 1.5 | | |
| Total | | 50212 | 100.0 | | |

HomeCare_16 Indicator 6.20a: Time spent providing health care for child in an average week

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 No at home care was provided | 2345 | 4.7 | 32.7 | 32.7 |
| | 2 Less than 1 hour per week | 2656 | 5.3 | 37.0 | 69.7 |
| | 3 1-4 hours per week | 1204 | 2.4 | 16.8 | 86.5 |
| | 4 5 or more hours per week | 966 | 1.9 | 13.5 | 100.0 |
| | Total | 7171 | 14.3 | 100.0 | |
| Missing | 95 Do not need health care provided on a weekly basis | 42178 | 84.0 | | |
| | 99 Missing | 863 | 1.7 | | |
| | Total | 43041 | 85.7 | | |
| Total | | 50212 | 100.0 | | |

TimeCoord_16 Indicator 6.20b: Time spent coordinating health care for child in an average week

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 No health or medical care was arranged or coordinated | 1554 | 3.1 | 22.5 | 22.5 |
| | 2 Less than 1 hour per week | 4002 | 8.0 | 57.9 | 80.4 |
| | 3 1-4 hours per week | 1101 | 2.2 | 15.9 | 96.3 |
| | 4 5 or more hours per week | 256 | .5 | 3.7 | 100.0 |
| | Total | 6913 | 13.8 | 100.0 | |
| Missing | 95 Do not need health care provided on a weekly basis | 42588 | 84.8 | | |
| | 99 Missing | 711 | 1.4 | | |
| | Total | 43299 | 86.2 | | |
| Total | | 50212 | 100.0 | | |

Care10hrs_16 Indicator 6.21: Received care from others at least 10 hours per week, age 0-5 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 8790 | 17.5 | 61.5 | 61.5 |
| | 2 No | 5508 | 11.0 | 38.5 | 100.0 |
| | Total | 14298 | 28.5 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 99 Missing | 196 | .4 | | |
| | Total | 35914 | 71.5 | | |
| Total | | 50212 | 100.0 | | |

SleepPos_16 Indicator 6.22: Sleep position, 0-12 month

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 On his or her back | 1340 | 2.7 | 76.4 | 76.4 |
| | 2 On his or her side/stomach | 414 | .8 | 23.6 | 100.0 |
| | Total | 1754 | 3.5 | 100.0 | |
| Missing | 90 Children age 1-17 years | 48360 | 96.3 | | |
| | 99 Missing | 98 | .2 | | |
| | Total | 48458 | 96.5 | | |
| Total | | 50212 | 100.0 | | |

BedTime_16 Indicator 6.24: Go to bed at the same time on weeknights

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Always | 15674 | 31.2 | 31.5 | 31.5 |
| | 2 Usually | 29034 | 57.8 | 58.4 | 89.9 |
| | 3 Sometimes | 3697 | 7.4 | 7.4 | 97.3 |
| | 4 Rarely or never | 1326 | 2.6 | 2.7 | 100.0 |
| | Total | 49731 | 99.0 | 100.0 | |
| Missing | 99 Missing | 481 | 1.0 | | |
| Total | | 50212 | 100.0 | | |

HrsSleep_16 Indicator 6.25: Hours child get sleep on an average weeknights, age 4 months-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Child sleeps recommended age-appropriate hours | 34461 | 68.6 | 70.7 | 70.7 |
| | 2 Child sleeps less than recommended age-appropriate hours | 14287 | 28.5 | 29.3 | 100.0 |
| | Total | 48748 | 97.1 | 100.0 | |
| Missing | 95 Children less than 4 months old | 535 | 1.1 | | |
| | 99 Missing | 929 | 1.9 | | |
| | Total | 1464 | 2.9 | | |
| Total | | 50212 | 100.0 | | |

FoodSit_16 Indicator 6.26: Food situation in child's household in the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 We could always afford to eat good nutritious meals | 36579 | 72.8 | 74.4 | 74.4 |
| | 2 We could always afford enough to eat but not always the kinds of food we should eat | 10489 | 20.9 | 21.3 | 95.7 |
| | 3 Sometimes or often we could not afford enough to eat | 2117 | 4.2 | 4.3 | 100.0 |
| | Total | 49185 | 98.0 | 100.0 | |
| Missing | 99 Missing | 1027 | 2.0 | | |
| Total | | 50212 | 100.0 | | |

FoodCash_16 Indicator 6.27: Received food or cash assistance during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 0 Did not receive food or cash assistance | 37864 | 75.4 | 76.6 | 76.6 |
| | 1 Received 1-2 types of assistance | 10151 | 20.2 | 20.5 | 97.1 |
| | 2 Received 3-4 types of assistance | 1428 | 2.8 | 2.9 | 100.0 |
| | Total | 49443 | 98.5 | 100.0 | |
| Missing | System | 769 | 1.5 | | |
| Total | | 50212 | 100.0 | | |

WIC_16 Someone in the family received benefits from the WIC Program during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 3020 | 6.0 | 6.2 | 6.2 |
| | 2 No | 46065 | 91.7 | 93.8 | 100.0 |
| | Total | 49085 | 97.8 | 100.0 | |
| Missing | 99 Missing | 1127 | 2.2 | | |
| Total | | 50212 | 100.0 | | |

CashAss_16 Someone in the family received cash assistance from government during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 1087 | 2.2 | 2.2 | 2.2 |
| | 2 No | 47936 | 95.5 | 97.8 | 100.0 |
| | Total | 49023 | 97.6 | 100.0 | |
| Missing | 99 Missing | 1189 | 2.4 | | |
| Total | | 50212 | 100.0 | | |

FoodStamp_16 Someone in the family received Food Stamps or Supplemental Nutrition Assistance Program benefits during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------|-----------|---------|---------------|--------------------|
| Valid | 1 | 4917 | 9.8 | 10.0 | 10.0 |
| | 2 | 44085 | 87.8 | 90.0 | 100.0 |
| | Total | 49002 | 97.6 | 100.0 | |
| Missing | 99 | 1210 | 2.4 | | |
| Total | | 50212 | 100.0 | | |

MealFree_16 Someone in the family received free or reduced-cost breakfasts or lunches at school during the past 12 months

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 9184 | 18.3 | 18.7 | 18.7 |
| | 2 No | 39821 | 79.3 | 81.3 | 100.0 |
| | Total | 49005 | 97.6 | 100.0 | |
| Missing | 99 Missing | 1207 | 2.4 | | |
| Total | | 50212 | 100.0 | | |

SECTION 7: Neighborhood Safety and Support

NbhdSupp_16 Child live in a supportive neighborhood

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Live in supportive neighborhoods | 29730 | 59.2 | 61.1 | 61.1 |
| | 2 Do not live in supportive neighborhoods | 18956 | 37.8 | 38.9 | 100.0 |
| | Total | 48686 | 97.0 | 100.0 | |
| Missing | 99 Missing to any | 1526 | 3.0 | | |
| Total | | 50212 | 100.0 | | |

NbhdSafe_16 Indicator 7.2: Children live in safe neighborhoods

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely agree | 34557 | 68.8 | 70.3 | 70.3 |
| | 2 Somewhat agree | 12982 | 25.9 | 26.4 | 96.7 |
| | 3 Somewhat/Definitely disagree | 1599 | 3.2 | 3.3 | 100.0 |
| | Total | 49138 | 97.9 | 100.0 | |
| Missing | 99 Missing | 1074 | 2.1 | | |
| Total | | 50212 | 100.0 | | |

SchlSafe_16 Indicator 7.3: Children who are safe at schools, age 6-17 years

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely agree | 26421 | 52.6 | 76.8 | 76.8 |
| | 2 Somewhat agree | 7411 | 14.8 | 21.5 | 98.3 |
| | 3 Somewhat or definitely disagree | 587 | 1.2 | 1.7 | 100.0 |
| | Total | 34419 | 68.5 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 99 Missing | 1299 | 2.6 | | |
| | Total | 15793 | 31.5 | | |
| Total | | 50212 | 100.0 | | |

NbhdAmenities_16 Count of amenities in children's neighborhoods

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---|-----------|---------|---------------|--------------------|
| Valid | 0 Neighborhood does not contain any amenities | 5441 | 10.8 | 10.8 | 10.8 |
| | 1 Neighborhood contains 1 amenity | 5099 | 10.2 | 10.2 | 21.0 |
| | 2 Neighborhood contains 2 amenities | 8211 | 16.4 | 16.4 | 37.3 |
| | 3 Neighborhood contains 3 amenities | 11220 | 22.3 | 22.3 | 59.7 |
| | 4 Neighborhood contains all 4 amenities | 18407 | 36.7 | 36.7 | 96.3 |
| | 99 Missing to any of the questions | 1834 | 3.7 | 3.7 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

SideWlks_16 Children who live in neighborhoods with sidewalks or walking paths

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Neighborhood contains sidewalks or walking paths | 35836 | 71.4 | 72.7 | 72.7 |
| | 2 Neighborhood does not contain sidewalks or walking paths | 13478 | 26.8 | 27.3 | 100.0 |
| | Total | 49314 | 98.2 | 100.0 | |
| Missing | 99 Missing | 898 | 1.8 | | |
| Total | | 50212 | 100.0 | | |

park_16 Children who live in neighborhoods with a park or playground area

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Neighborhood contains a park or playground area | 37355 | 74.4 | 76.0 | 76.0 |
| | 2 Neighborhood does not contain a park or playground area | 11791 | 23.5 | 24.0 | 100.0 |
| | Total | 49146 | 97.9 | 100.0 | |
| Missing | 99 Missing | 1066 | 2.1 | | |
| Total | | 50212 | 100.0 | | |

RecCentr_16 Children who live in neighborhoods with recreation center, community center or Boys'/Girls' Club

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Neighborhood contains a recreation center, community center or Boys'/Girls' Club | 23983 | 47.8 | 48.9 | 48.9 |
| | 2 Neighborhood does not contain a recreation center, community center or Boys'/Girls' Club | 25108 | 50.0 | 51.1 | 100.0 |
| | Total | 49091 | 97.8 | 100.0 | |
| Missing | 99 Missing | 1121 | 2.2 | | |
| Total | | 50212 | 100.0 | | |

library_16 Children who live in neighborhoods with a library or bookmobile

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Neighborhood contains a library or bookmobile | 33892 | 67.5 | 69.1 | 69.1 |
| | 2 Neighborhood does not contain a library or bookmobile | 15184 | 30.2 | 30.9 | 100.0 |
| | Total | 49076 | 97.7 | 100.0 | |
| Missing | 99 Missing | 1136 | 2.3 | | |
| Total | | 50212 | 100.0 | | |

NbhdDetract_16 Indicator 7.5: Presence of detracting neighborhood elements in the neighborhood

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 0 Neighborhood does not have any detracting elements | 39011 | 77.7 | 79.8 | 79.8 |
| | 1 Neighborhood has 1 detracting element | 6417 | 12.8 | 13.1 | 93.0 |
| | 2 Neighborhood has 2 detracting elements | 2082 | 4.1 | 4.3 | 97.2 |
| | 3 Neighborhood has 3 detracting elements | 1360 | 2.7 | 2.8 | 100.0 |
| | Total | 48870 | 97.3 | 100.0 | |
| Missing | 99 Missing to any of the questions | 1342 | 2.7 | | |
| Total | | 50212 | 100.0 | | |

litter_16 Children who live in neighborhoods with litter or garbage on the street or sidewalk

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Neighborhood has litter or garbage on sidewalks and streets | 6913 | 13.8 | 14.1 | 14.1 |
| | 2 Neighborhood does not have litter or garbage on sidewalks and streets | 42263 | 84.2 | 85.9 | 100.0 |
| | Total | 49176 | 97.9 | 100.0 | |
| Missing | System | 1036 | 2.1 | | |
| Total | | 50212 | 100.0 | | |

housing_16 Children who live in neighborhoods with poorly kept or rundown housing

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Neighborhood has poorly kept or rundown housing | 5300 | 10.6 | 10.8 | 10.8 |
| | 2 Neighborhood does not have poorly kept or dilapidated rundown housing | 43873 | 87.4 | 89.2 | 100.0 |
| | Total | 49173 | 97.9 | 100.0 | |
| Missing | System | 1039 | 2.1 | | |
| Total | | 50212 | 100.0 | | |

vandal_16 Children who live in neighborhoods with vandalism such as broken windows or graffiti

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Neighborhood has broken windows or graffiti | 2565 | 5.1 | 5.2 | 5.2 |
| | 2 Neighborhood does not have broken windows or graffiti | 46703 | 93.0 | 94.8 | 100.0 |
| | Total | 49268 | 98.1 | 100.0 | |
| Missing | System | 944 | 1.9 | | |
| Total | | 50212 | 100.0 | | |

SUBGROUPS for Stratification**age3_16 Children's age in 3 categories**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------------------|-----------|---------|---------------|--------------------|
| Valid | 1 0-5 years old | 14494 | 28.9 | 28.9 | 28.9 |
| | 2 6-11 years old | 15010 | 29.9 | 29.9 | 58.8 |
| | 3 12-17 years old | 20708 | 41.2 | 41.2 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

Children's age in 5 categories

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-----------------|-----------|---------|---------------|--------------------|
| Valid | 0-3 years old | 9459 | 18.8 | 18.8 | 18.8 |
| | 4-7 years old | 9583 | 19.1 | 19.1 | 37.9 |
| | 8-11 years old | 10462 | 20.8 | 20.8 | 58.8 |
| | 12-14 years old | 9206 | 18.3 | 18.3 | 77.1 |
| | 15-17 years old | 11502 | 22.9 | 22.9 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

sex_16 Sex of the child

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|----------|-----------|---------|---------------|--------------------|
| Valid | 1 Male | 25733 | 51.2 | 51.2 | 51.2 |
| | 2 Female | 24479 | 48.8 | 48.8 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

hispanic_16 Hispanic origin of the child

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|----------------|-----------|---------|---------------|--------------------|
| Valid | 1 Hispanic | 5523 | 11.0 | 11.0 | 11.0 |
| | 2 Non-Hispanic | 44689 | 89.0 | 89.0 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

race4_16 Race/ethnicity categories

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Hispanic | 5523 | 11.0 | 11.0 | 11.0 |
| | 2 White, non-Hispanic | 35317 | 70.3 | 70.3 | 81.3 |
| | 3 Black, non-Hispanic | 2871 | 5.7 | 5.7 | 87.1 |
| | 4 Other/Multi-racial, non-Hispanic | 6501 | 12.9 | 12.9 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

raceASIA_16 Race/ethnicity categories

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Hispanic | 5523 | 11.0 | 11.0 | 11.0 |
| | 2 White, non-Hispanic | 35317 | 70.3 | 70.3 | 81.3 |
| | 3 Black, non-Hispanic | 2871 | 5.7 | 5.7 | 87.1 |
| | 4 Asian, non-Hispanic | 2684 | 5.3 | 5.3 | 92.4 |
| | 5 Other/Multi-racial, non-Hispanic | 3817 | 7.6 | 7.6 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

PrntNativity_16 Generational status of the parents - collapsed 1st and 2nd generational status of HH

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 All parents born in the US (3rd or higher generation HH) | 38663 | 77.0 | 77.9 | 77.9 |
| | 2 Any parent born outside of the US (1st and 2nd generation HH) | 8486 | 16.9 | 17.1 | 95.1 |
| | 3 Other (child born in United States, parents are not listed) | 2453 | 4.9 | 4.9 | 100.0 |
| | Total | 49602 | 98.8 | 100.0 | |
| Missing | 99 Missing | 610 | 1.2 | | |
| Total | | 50212 | 100.0 | | |

HHLanguage_16 Primary household language spoken in the household

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------|-----------|---------|---------------|--------------------|
| Valid | 1 English | 46687 | 93.0 | 93.7 | 93.7 |
| | 2 Other than English | 3148 | 6.3 | 6.3 | 100.0 |
| | Total | 49835 | 99.2 | 100.0 | |
| Missing | 99 Missing | 377 | .8 | | |
| Total | | 50212 | 100.0 | | |

hisplang_16 Primary household language parsed to Hispanic and non-Hispanic

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Hispanic children, non-English PHH language | 1487 | 3.0 | 3.0 | 3.0 |
| | 2 Hispanic children, English PHH language | 3888 | 7.7 | 7.8 | 10.8 |
| | 3 Non-Hispanic child | 44460 | 88.5 | 89.2 | 100.0 |
| | Total | 49835 | 99.2 | 100.0 | |
| Missing | 99 Missing to any | 377 | .8 | | |
| Total | | 50212 | 100.0 | | |

famstruct_16 Family structure

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Two parents, currently married | 36779 | 73.2 | 74.5 | 74.5 |
| | 2 Two parents, not currently married | 3226 | 6.4 | 6.5 | 81.0 |
| | 3 Single mother (currently married (living apart), formerly married or never married) | 5965 | 11.9 | 12.1 | 93.1 |
| | 4 Other family type, no parent reported | 3393 | 6.8 | 6.9 | 100.0 |
| | Total | 49363 | 98.3 | 100.0 | |
| Missing | 99 Missing | 849 | 1.7 | | |
| Total | | 50212 | 100.0 | | |

povlev4_16 Poverty level of this household based on DHHS guidelines - Imputed

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-----------------------|-----------|---------|---------------|--------------------|
| Valid | 1 0-99% FPL | 4929 | 9.8 | 9.8 | 9.8 |
| | 2 100-199% FPL | 8003 | 15.9 | 15.9 | 25.8 |
| | 3 200-399% FPL | 15526 | 30.9 | 30.9 | 56.7 |
| | 4 400% FPL or greater | 21754 | 43.3 | 43.3 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

povSCHIP_16 Poverty level of this household based on DHHS guidelines - Imputed recoded into 4 categories based on SCHIP qualification

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-----------------------|-----------|---------|---------------|--------------------|
| Valid | 1 0-199% FPL | 12932 | 25.8 | 25.8 | 25.8 |
| | 2 200-299% FPL | 7951 | 15.8 | 15.8 | 41.6 |
| | 3 300-399% FPL | 7575 | 15.1 | 15.1 | 56.7 |
| | 4 400% FPL or greater | 21754 | 43.3 | 43.3 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

AdultEduc_16 Highest level of education among reported adults

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Less than high school | 1096 | 2.2 | 2.2 | 2.2 |
| | 2 High school or GED | 6020 | 12.0 | 12.3 | 14.5 |
| | 3 Some college or technical school | 11027 | 22.0 | 22.5 | 37.0 |
| | 4 College degree or higher | 30872 | 61.5 | 63.0 | 100.0 |
| | Total | 49015 | 97.6 | 100.0 | |
| Missing | 99 Missing | 1197 | 2.4 | | |
| Total | | 50212 | 100.0 | | |

Appendix B: Title V Block Grant Measures

Unweighted Frequency Tables



National Performance Measures

npm6DSc_16 National Performance Measure 6: Percent of children, ages 9 through 35 months, who received a developmental screening using a parent-completed screening tool in the past year

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Parent completed developmental screening | 1963 | 3.9 | 35.7 | 35.7 |
| | 2 Parent did not complete developmental screening | 3529 | 7.0 | 64.3 | 100.0 |
| | Total | 5492 | 10.9 | 100.0 | |
| Missing | 90 Children age 6-17 years | 35718 | 71.1 | | |
| | 95 Children age 0-8 months or 3-5 years | 8826 | 17.6 | | |
| | 99 Missing | 176 | .4 | | |
| | Total | 44720 | 89.1 | | |
| Total | | 50212 | 100.0 | | |

npm8PhAc6to11_16 National Performance Measure 8.1: Percent of children, ages 6 through 11, who are physically active at least 60 minutes per day

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 0-3 days | 5563 | 11.1 | 37.8 | 37.8 |
| | 2 4-6 days | 4907 | 9.8 | 33.4 | 71.2 |
| | 3 Everyday | 4236 | 8.4 | 28.8 | 100.0 |
| | Total | 14706 | 29.3 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 95 Children age 12-17 years | 20708 | 41.2 | | |
| | 99 Missing | 304 | .6 | | |
| | Total | 35506 | 70.7 | | |
| Total | | 50212 | 100.0 | | |

npm8PhAc12to17_16 National Performance Measure 8.2: Percent of adolescents, age 12-17 years, who are physically active at least 60 minutes per day

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|----------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 0 days | 2286 | 4.6 | 11.3 | 11.3 |
| | 2 1-3 days | 8137 | 16.2 | 40.2 | 51.5 |
| | 3 4-6 days | 6483 | 12.9 | 32.0 | 83.5 |
| | 4 Everyday | 3340 | 6.7 | 16.5 | 100.0 |
| | Total | 20246 | 40.3 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 95 Children age 6-11 years | 15010 | 29.9 | | |
| | 99 Missing | 462 | .9 | | |
| | Total | 29966 | 59.7 | | |
| Total | | 50212 | 100.0 | | |

npm9bullied_16 National Performance Measure 9: Percent of adolescents, age 12-17 years, who are bullied

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely or somewhat true | 4441 | 8.8 | 22.0 | 22.0 |
| | 2 Not true | 15789 | 31.4 | 78.0 | 100.0 |
| | Total | 20230 | 40.3 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 95 Children age 6-11 years | 15010 | 29.9 | | |
| | 99 Missing | 478 | 1.0 | | |
| | Total | 29982 | 59.7 | | |
| Total | | 50212 | 100.0 | | |

npm9bully_16 National Performance Measure 9: Percent of adolescents, age 12-17 years, who bully others

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Definitely or somewhat true | 1015 | 2.0 | 5.0 | 5.0 |
| | 2 Not true | 19268 | 38.4 | 95.0 | 100.0 |
| | Total | 20283 | 40.4 | 100.0 | |
| Missing | 90 Children age 0-5 years | 14494 | 28.9 | | |
| | 95 Children age 6-11 years | 15010 | 29.9 | | |
| | 99 Missing | 425 | .8 | | |
| | Total | 29929 | 59.6 | | |
| Total | | 50212 | 100.0 | | |

npm10PrVi_16 National Performance Measure 10: Percent of adolescents, age 12-17 years, with a preventive medical visit in the past year

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 One or more preventive visits | 16821 | 33.5 | 81.9 | 81.9 |
| | 2 No preventive care visits | 3705 | 7.4 | 18.1 | 100.0 |
| | Total | 20526 | 40.9 | 100.0 | |
| Missing | 95 Children age 0-11 years | 29504 | 58.8 | | |
| | 99 Missing | 182 | .4 | | |
| | Total | 29686 | 59.1 | | |
| Total | | 50212 | 100.0 | | |

npm11MHCSHCN_16 National Performance Measure 11: Percent of children with special health care needs, ages 0 through 17, who have a medical home

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Care MEETS medical home criteria | 5691 | 11.3 | 50.0 | 50.0 |
| | 2 Care DOES NOT meet medical home criteria | 5696 | 11.3 | 50.0 | 100.0 |
| | Total | 11387 | 22.7 | 100.0 | |
| Missing | 95 Non-CSHCN | 38820 | 77.3 | | |
| | 99 Missing to any | 5 | .0 | | |
| | Total | 38825 | 77.3 | | |
| Total | | 50212 | 100.0 | | |

npm11MHnonCSHCN_16 National Performance Measure 11: Percent of children without special health care needs, ages 0 through 17, who have a medical home

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Care MEETS medical home criteria | 22279 | 44.4 | 57.4 | 57.4 |
| | 2 Care DOES NOT meet medical home criteria | 16511 | 32.9 | 42.6 | 100.0 |
| | Total | 38790 | 77.3 | 100.0 | |
| Missing | 95 CSHCN | 11392 | 22.7 | | |
| | 99 Missing to any | 30 | .1 | | |
| | Total | 11422 | 22.7 | | |
| Total | | 50212 | 100.0 | | |

npm12TransCSHCN_16 National Performance Measure 12: Percent of adolescents with special health care needs, ages 12 through 17, who received services necessary to make transitions to adult health care

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Received services necessary for transition to adult health care | 1129 | 2.2 | 19.5 | 19.5 |
| | 2 Did not receive services necessary for transition to adult health care | 4657 | 9.3 | 80.5 | 100.0 |
| | Total | 5786 | 11.5 | 100.0 | |
| Missing | 90 Children age 0-11 years | 29504 | 58.8 | | |
| | 95 Non-CSHCN age 12-17 years | 14846 | 29.6 | | |
| | 99 Missing to any | 76 | .2 | | |
| | Total | 44426 | 88.5 | | |
| Total | | 50212 | 100.0 | | |

npm12TransNonCSHCN_16 National Performance Measure 12: Percent of adolescents without special health care needs, ages 12 through 17, who received services necessary to make transitions to adult health care

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 Received services necessary for transition to adult health care | 2530 | 5.0 | 17.2 | 17.2 |
| | 2 Did not receive services necessary for transition to adult health care | 12147 | 24.2 | 82.8 | 100.0 |
| | Total | 14677 | 29.2 | 100.0 | |
| Missing | 90 Children age 0-11 years | 29504 | 58.8 | | |
| | 95 CSHCN age 12-17 years | 5862 | 11.7 | | |
| | 99 Missing to any | 169 | .3 | | |
| | Total | 35535 | 70.8 | | |
| Total | | 50212 | 100.0 | | |

npm13bDePrev_16 National Performance Measure 13.2: Percent of children, age 1-17 years, who had a preventive dental visit in the past year

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--|-----------|---------|---------------|--------------------|
| Valid | 1 One or more dental preventive visits | 39646 | 79.0 | 83.0 | 83.0 |
| | 2 No preventive dental visits | 8126 | 16.2 | 17.0 | 100.0 |
| | Total | 47772 | 95.1 | 100.0 | |
| Missing | 95 Children less than 1 year old | 1852 | 3.7 | | |
| | 99 Missing | 588 | 1.2 | | |
| | Total | 2440 | 4.9 | | |
| Total | | 50212 | 100.0 | | |

npm14bSmoke_16 National Performance Measure 14.2: Percent of children, ages 0 through 17, who live in households where someone smokes

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes | 7214 | 14.4 | 14.6 | 14.6 |
| | 2 No | 42245 | 84.1 | 85.4 | 100.0 |
| | Total | 49459 | 98.5 | 100.0 | |
| Missing | 99 Missing | 753 | 1.5 | | |
| Total | | 50212 | 100.0 | | |

National Performance Measure 15: Percent of children, ages 0 through 17, who are continuously and adequately insured

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | Have adequate insurance covered entire year | 34322 | 68.4 | 68.6 | 68.6 |
| | Do not have adequate insurance | 15716 | 31.3 | 31.4 | 100.0 |
| | Total | 50038 | 99.7 | 100.0 | |
| Missing | Missing to both questions | 174 | .3 | | |
| Total | | 50212 | 100.0 | | |

National Outcome Measures

nom14TthDec_16 National Outcome Measure 14: Percent of children, ages 1 through 17, who had decayed teeth or cavities in the past year

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Yes, tooth decay or cavities | 4401 | 8.8 | 9.2 | 9.2 |
| | 2 No tooth decay or cavities | 43227 | 86.1 | 90.8 | 100.0 |
| | Total | 47628 | 94.9 | 100.0 | |
| Missing | 95 Children age <1 year | 1852 | 3.7 | | |
| | 99 Missing | 732 | 1.5 | | |
| | Total | 2584 | 5.1 | | |
| Total | | 50212 | 100.0 | | |

nom17_1CSHCN National Outcome Measure 17.1: Percent of children with special health care needs (CSHCN), ages 0 through 17

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------------|-----------|---------|---------------|--------------------|
| Valid | 1 CSHCN | 11392 | 22.7 | 22.7 | 22.7 |
| | 2 Non-CSHCN | 38820 | 77.3 | 77.3 | 100.0 |
| | Total | 50212 | 100.0 | 100.0 | |

nom17_2sysCSHCN_16 National Performance Measure 17.2: Percent of children with special health care needs (CSHCN), ages 0 through 17, who receive care in a well-functioning system

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1.00 Receive care in a well-functioning system | 1948 | 3.9 | 17.1 | 17.1 |
| | 2.00 Do not receive care in a well-functioning system | 9441 | 18.8 | 82.9 | 100.0 |
| | Total | 11389 | 22.7 | 100.0 | |
| Missing | 95.00 Non-CSHCN | 38820 | 77.3 | | |
| | 99.00 Missing | 3 | .0 | | |
| | Total | 38823 | 77.3 | | |
| Total | | 50212 | 100.0 | | |

nom17_3ASD_16 National Outcome Measure 17.3: Percent of children, ages 3 through 17, diagnosed with an autism spectrum disorder

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Currently have condition | 1131 | 2.3 | 2.6 | 2.6 |
| | 2 Do not currently have condition | 41890 | 83.4 | 97.4 | 100.0 |
| | Total | 43021 | 85.7 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 262 | .5 | | |
| | Total | 7191 | 14.3 | | |
| Total | | 50212 | 100.0 | | |

nom17_4ADHD_16 National Outcome Measure 17.4: Percent of children, age 3-17 years, diagnosed with Attention Deficit Disorder/Attention Deficit Hyperactivity Disorder (ADD/ADHD)

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|-----------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Currently have condition | 4252 | 8.5 | 9.9 | 9.9 |
| | 2 Do not currently have condition | 38589 | 76.9 | 90.1 | 100.0 |
| | Total | 42841 | 85.3 | 100.0 | |
| Missing | 95 Children age 0-2 years | 6929 | 13.8 | | |
| | 99 Missing | 442 | .9 | | |
| | Total | 7371 | 14.7 | | |
| Total | | 50212 | 100.0 | | |

nom18MHlth_16 National Outcome Measure 18: Percent of children, age 3-17 years, with a mental/behavioral condition who receive treatment or counseling

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Received treatment | 3383 | 6.7 | 57.6 | 57.6 |
| | 2 Needed treatment, did not receive it | 2491 | 5.0 | 42.4 | 100.0 |
| | Total | 5874 | 11.7 | 100.0 | |
| Missing | 95 Children age 0-2 years/Do not have any of 3 conditions | 44093 | 87.8 | | |
| | 99 Missing | 245 | .5 | | |
| | Total | 44338 | 88.3 | | |
| Total | | 50212 | 100.0 | | |

nom19ChHSt_16 National Outcome Measure 19: Percent of children, ages 0 through 17, in excellent or very good health

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------------------------|-----------|---------|---------------|--------------------|
| Valid | 1 Excellent or very good | 46093 | 91.8 | 92.1 | 92.1 |
| | 2 Good | 3409 | 6.8 | 6.8 | 98.9 |
| | 3 Fair or poor | 558 | 1.1 | 1.1 | 100.0 |
| | Total | 50060 | 99.7 | 100.0 | |
| Missing | 99 Missing | 152 | .3 | | |
| Total | | 50212 | 100.0 | | |

nom20obese_16 National Outcome Measure 20: Percent of children, age 10-17 years, who are obese (BMI at or above the 95th percentile)

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---|-----------|---------|---------------|--------------------|
| Valid | 1 Underweight (less than 5th percentile) | 1491 | 3.0 | 6.1 | 6.1 |
| | 2 Healthy weight (5th to 84th percentile) | 16339 | 32.5 | 66.9 | 73.1 |
| | 3 Overweight (85th to 94th percentile) | 3474 | 6.9 | 14.2 | 87.3 |
| | 4 Obese (95th percentile or above) | 3101 | 6.2 | 12.7 | 100.0 |
| | Total | 24405 | 48.6 | 100.0 | |
| Missing | 90 Children age 0-9 years | 24118 | 48.0 | | |
| | 99 Missing | 1689 | 3.4 | | |
| | Total | 25807 | 51.4 | | |
| Total | | 50212 | 100.0 | | |

nom25ForgoneHC_16 National Outcome Measure 25: Percent of children, ages 0 through 17, who were not able to obtain needed health care in the last year

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|---------------------------------------|-----------|---------|---------------|--------------------|
| Valid | 1.00 Needed care, but did not receive | 1155 | 2.3 | 2.3 | 2.3 |
| | 2.00 Received needed care | 48881 | 97.3 | 97.7 | 100.0 |
| | Total | 50036 | 99.6 | 100.0 | |
| Missing | 99.00 Missing | 176 | .4 | | |
| Total | | 50212 | 100.0 | | |

Appendix C:

Notes on the redesign of the 2016 NSCH

Notes on the redesign of the 2016 NSCH

In 2012 the Maternal and Child Health Bureau (MCHB) decided to undertake a process of redesigning the National Survey of Children's Health, partially in response to declining response rates. The rise of mobile phone use made the previous design and administration of the NSCH increasingly difficult. In the previous implementations of the survey, each interview was conducted via a landline telephone after using a technique called "random digit dialing" to achieve a random sample of households and children. The 2011/12 NSCH included cell phone sampling to address this issue. However, sampling cell phones comes with some problems of its own: it is more expensive, and people are less likely to complete a survey on their mobile phone. The majority of children in the United States now live in cell-phone only households. For these reasons MCHB began a methodical process to evaluate the best possible way to continue with the survey while enhancing its quality and usefulness.

As part of this redesign process, the Maternal and Child Health Bureau asked experts to consider the possibility of combining the NSCH and the National Survey of Children with Special Health Care Needs (NS-CSHCN). Mapping between the two surveys revealed that about 60% of content overlapped between the NSCH and the NS-CSHCN. The new NSCH still maintains most of the same content as the previous two surveys before they were combined, though some content had to be dropped, and additional content was added. The current NSCH contains the Children with Special Health Care Needs Screener so that the survey will still provide valuable data on CSHCN.

The Maternal and Child Health Bureau (MCHB) began by consulting with other federal agencies that were experiencing similar declining response rate issues with government-sponsored surveys. MCHB convened a panel of experts (called the Technical Expert Panel: TEP) which met several times by both phone and in-person. The panel consisted of experts in methodology, children's health, federal and state stakeholders, clinicians and researchers, and collectively the TEP made several decisions, such as: could the NSCH and NS-CSHCN be combined without harm to data collection or over-burdening participants? What adjustments needed to be made to the questions in order for participants to answer them directly (via paper survey or web) rather than through a telephone interview? What new content needed to be added in order to measure new issues in children's health? Was some content no longer needed? What would be an appropriate time interval to collect data for the new survey? This methodical and deliberate process took about 4 years to complete.

As a result of this redesign process, the 2016 NSCH identified eligible households and children in a different manner from previous surveys. Instead of using phones, people were identified using residential addresses; this is what is known as the "sampling frame" for the survey. MCHB partnered with the United States Census Bureau to conduct the survey. The Census Bureau has experience conducting mail-based surveys. See the survey sampling and administration diagram on the [DRC website](#).

The Census Bureau used databases of addresses to randomly select household addresses to send invitation letters. The Census Bureau used additional tools to identify addresses that have children prior to sending these invitations in order to increase the chance of mailing to households that actually have children ages 0-17 living in them. This first mailing contained a link to an online short household screening instrument which asked how many children live in the household and their ages. If the

parent/guardian went online to complete the screener, then they would be directed immediately to complete the topic survey for one chosen sample child. If the household contained more than one child 17 years or under, the sample child was randomly chosen. For individuals who did not respond online, a second mailing contained a copy of the screening survey. When this was mailed back to the Census, a random sample child was selected (if more than one child in the household was identified) and the parent/guardian was sent a topic questionnaire survey. At any time parents/guardians could request to complete the survey by mail rather than online.

More information about the redesign of the survey will be available in the manuscript:

Ghandour R, Jones J, Lebrun-Harris L, et al. The Design and Implementation of the 2016 National Survey of Children's Health. *Matern Child Health J*. In press

Appendix D:

Methods Notes on Imputation of Missing Values

Household Income Missing Values



Methods Notes on Imputation of Missing Values

In the 2016 NSCH, income, household count, and respondent education variables (Adult 1) 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 2016 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, non-response rates tend to be high for the NSCH question on total combined household income during the previous calendar year. 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 2016 NSCH, 18.6% of the national sample of 50,212, had missing values for FPL.

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 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 United States Census Bureau offers a data file containing six sets of imputed FPL values for the 2016 NSCH. This file is appropriate for use with software able to accommodate multiple imputation analyses and is available free of charge (see below).

The income (federal poverty level) variables ("povlev4_16" and "povSCHIP_16") in the DRC 2016 NSCH Dataset were generated using a single imputation value from the 2016 NSCH Topical public use data file provided by the Census Bureau. 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://www.census.gov/content/dam/Census/programs-surveys/nsch/tech-documentation/methodology/NSCH-Guide-to-Analysis-with-Multiply-Imputed-Data.pdf>

SAS and Stata data files with imputed FPL estimates can be downloaded from the Census Bureau's website: <https://www.census.gov/programs-surveys/nsch/data/nsch2016.html>