



2018 National Survey of Children's Health

SPSS CODEBOOK FOR DATA USERS:

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

Version 1.0: April 2020



The Data Resource Center for Child and Adolescent Health (DRC) is supported by the Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS) under grant number U59MC27866, National Maternal and Child Health Data Resource Initiative, \$4.5M. This information or content and conclusions are those of the author and should not be construed as the official position of or policy of, nor should any endorsements be inferred by HRSA, HHS or the U.S. Government.



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) (2020). “2018 National Survey of Children’s Health: Child and Family Health Measures, National Performance and Outcome Measures, and Subgroups, SPSS Codebook, Version 1.0”, Data Resource Center for Child and Adolescent Health supported by the U.S. Department of Health and Human Services, Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau (MCHB). Retrieved [mm/dd/yy] from www.childhealthdata.org

If you use the accompanying data set “2018 National Survey of Children’s Health, (SPSS) Indicator Data Set”, use the following citation:

Child and Adolescent Health Measurement Initiative (CAHMI) (2020). 2018 National Survey of Children’s Health, [(SAS/SPSS/Stata)] Indicator Data Set. Data Resource Center for Child and Adolescent Health supported by the U.S. Department of Health and Human Services, Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau (MCHB). Retrieved [mm/dd/yy] from childhealthdata.org



CONTENTS

Introduction

Purpose of the 2018 NSCH SPSS Codebook	1
The CAHMI's Data Resource Center for Child and Adolescent Health (DRC).....	1
Overview of the NSCH	2
Important Information Regarding the 2018 NSCH Data	3

Child and Family Health Measures and Subgroups

Physical, Oral Health and Functional Status

1.1 Health status.....	10
1.2 Condition of teeth, age 1-17 years	11
1.2a Oral health problems, age 1-17 years	12
1.3 Breastfed ever, age 0-5 years	14
1.3a Exclusively breastfed, age 6 months-5 years	15
1.4 Weight status (BMI), in 4 categories, age 10-17 years	17
1.4a Weight status (BMI) in 3 categories, age 10-17 years	18
1.4b Ever told that child is overweight.....	19
1.5 Physical activity, age 6-17 years	20
1.6 Concerns about current weight.....	21
1.7 Low birth weight.....	22
1.7a Low or very low birth weight	23
1.8 Premature birth	24
1.9 One or more health conditions	25
Prevalence of current or lifelong health conditions.....	25
Severity of current or lifelong health conditions.....	34
1.10 One or more functional difficulties	41
1.11 Children with special health care needs	45
1.12 Effect of conditions on daily activities	49

Emotional and Mental Health

2.1 Bullied others, 6-17 years	50
2.2 Bullied, 6-17 years	51

2.3	Flourishing for young children, age 6 months-5 years	52
2.4	Flourishing for children and adolescents, age 6-17 years.....	55
2.5	Argue too much, age 6-17 years	57
2.6	Making and keeping friends, age 6-17 years.....	58
2.7	Prevalence of ADD/ADHD, age 3-17 years.....	59
2.7a	Parent-rated severity of ADD/ADHD, age 3-17 years.	60
2.7b	Medication for ADD/ADHD, age 3-17 years	61
2.7c	Received behavioral treatment for ADD/ADHD, age 3-17 years.....	62
2.8	Prevalence of autism/ASD, age 3-17 years.....	63
2.8a	Parent-rated severity of autism/ASD, age 3-17 years.	64
2.8b	Medication for autism/ASD, age 3-17 years	65
2.8c	Received behavioral treatment for autism/ASD, age 3-17 years	66
2.8d	Age of diagnosis for autism/ASD, age 3-17 years.....	67
2.8e	Type of doctor or health care provider to first tell that child had autism/ASD, age 3-17 years	68
2.9	Medication for ADD/ADHD, ASD or difficulties with emotions, concentration, or behavior, age 3-17 years.....	69
2.10	Mental, emotional, developmental or behavioral problems, age 3-17 years.....	70

Health Insurance Coverage

3.1	Current health insurance status.....	72
3.2	Consistency of insurance coverage.....	73
3.3	Type of health insurance	76
3.4	Adequacy of current insurance	77
3.4a	Adequate and continuous insurance	79
3.5	Insurance coverage for mental health care, age 3-17 years.....	80
3.6	Out-of-pocket cost for medical and health care.....	81

Health Care Access and Quality

4.1	Medical care visit	82
4.1a	Preventive medical visit	83
4.1b	Time with doctor during the preventive medical visit.....	84
4.1c	Doctor spoke with child privately, age 12-17 years	85
4.2	Dentist visit, age 1-17 years	86
4.2a	Preventive dental care, age 1-17 years.....	87
4.3	Received both preventive medical and dental care.....	90
4.4	Received mental health care, age 3-17 years	91
4.4a	Problems obtaining mental health care, age 3-17 years	92
4.5	Received care from a specialist doctor.....	93
4.5a	Problems obtaining specialist care	94
4.6	Vision test	95

4.7	Hospital emergency room visit	98
4.7a	Hospital admission.....	99
4.8	Alternative health care or treatment	100
4.9	Doctor asked about parental concerns, age 0-5 years.....	101
4.10	Developmental screening, age 9-35 months	103
4.11	Special services for developmental needs	105
4.11a	Age started receiving special services for developmental needs.....	106
4.12	Medical home	107
4.12a	Personal doctor or nurse	113
4.12b	Usual source for sick care	114
4.12c	Family-centered care.....	115
4.12d	Problems getting referrals.....	118
4.12e	Effective care coordination	119
4.14	Shared decision-making	123
4.15	Transition to adult health care, age 12-17 years	126
4.17	Systems of care	131
4.18	Forgone health care.....	141
4.19	Problems paying medical bills	145
4.20	Frustrated in efforts to get services	146

Community and School Activities

5.1	Special education or early intervention plan, age 1-17 years	147
5.1a	Age started special education or early intervention plan, age 1-17 years.....	148
5.2	School engagement, age 6-17 years.....	149
5.3	Repeated grade(s) in school, age 6-17 years	151
5.4	Missed school days, age 6-17 years	152
5.5	Participation in organized activities, age 6-17 years	153
5.6	Parent participation in child's event/activities, age 6-17 years	155
5.7	Participation in community service or volunteer work, age 6-17 years	156
5.8	Work for pay, age 12 -17 years	157
5.9	Adult mentor, age 6-17 years	158
	This child's learning - individual items, age 3-5 years	159
	This child's learning - individual items, age 1-5 years	165

Family Health and Activities

6.1	Physical health status of mother.....	168
6.1a	Physical health status of father.....	170
6.2	Mental health status of mother	172
6.2a	Mental health status of father	174
6.3	Overall health status of mother.....	176

6.3a	Overall health status of father.....	178
6.4	Someone living in the household smokes	180
6.4a	Someone smokes inside the home	181
6.5	Children living in “working poor” families	182
6.6	Family shares ideas, age 6-17 years.....	184
6.7	Family reads to children, age 0-5 years	185
6.8	Family sings and tells stories to children, age 0-5 years.....	186
6.9	Family eats meal together	187
6.10	Time spent in front of a TV, computer, cell phone, electronic device.....	188
6.12	Family resilience	189
6.13	Adverse childhood experiences.....	191
6.14	Parental aggravation.....	195
6.15	Emotional help with parenthood	197
6.16	Coping with daily demands of raising children	200
6.17	Job change due to problems with child care, age 0-5 years	201
6.18	Stopped working and cut back hours due to child's health	202
6.19	Avoided changing jobs to maintain insurance	203
6.20a	Time spent providing at home health care	204
6.20b	Time spend coordinating health care	205
6.21	Received child care from others at least 10 hours/week, age 0-5 years.....	206
6.22	Sleep position, age 0-12 months	207
6.24	Child goes to bed same time on weeknights	208
6.25	Adequate amount of sleep, age 4 months-17 years.....	209
6.26	Food insufficiency	211
6.27	Received food or cash assistance.....	212

Neighborhood Safety and Support

7.1	Supportive neighborhood.....	213
7.2	Safe neighborhood	214
7.3	Safe school, age 6-17 years	215
7.4	Neighborhood amenities.....	216
7.5	Presence of detracting neighborhood elements	218

Child and Family Demographics and Subgroups

U.S. children in 3 age groups	220
U.S. children in 5 age groups	221
Sex of child	222
Race and ethnicity distribution of the child population	223
Race and ethnicity distribution of the child population including Asian data.....	225
Parental nativity	227

Primary household language.....	228
Primary household language for Hispanic children.....	229
Family structure of child's household	230
Income level (federal poverty level, FPL) of child's household	231
Income level (federal poverty level, FPL) of child's household - SCHIP groupings	232
Highest education of adult in household	233
Children who were born in US.....	234
Number of family members in the household.....	235
Military status of adult(s) household.....	236

Title V Services Block Grant Measures

National Performance Measures

NPM 6: Developmental screening, age 9-35 months.....	238
NPM 8.1: Physical activity, age 6-11 years	241
NPM 8.2: Physical activity, age 12-17 years	243
NPM 9: Bully others, age 12-17 years.....	245
NPM 9: Bullied, age 12-17 years.....	246
NPM 10: Preventive medical visit, age 12-17 years.....	247
NPM 11: Medical home, children with special health care needs (CSHCN).....	249
NPM 11: Medical home, children without special health care needs (Non-CSHCN).....	255
NPM 12: Transition to adult health care, CSHCN age 12-17 years.....	261
NPM 12: Transition to adult health care, Non-CSHCN age 12-17 years	264
NPM 13.2: Preventive dental visit, age 1-17 years	267
NPM 14.2: Someone living in the household smokes	269
NPM 15: Adequate and continuous insurance	270

National Outcome Measures

NOM 14: Tooth decay/cavities, age 1-17 years	274
NOM 17.1: Children with special health care needs	275
NOM 17.2: Systems of care, children with special health care needs	276
NOM 17.3: Autism/ASD, age 3-17 years.....	288
NOM 17.4: ADD/ADHD, age 3-17 years	290
NOM 18: Mental health treatment, age 3-17 years	292
NOM 19: Overall health status	294
NOM 20: Obesity, age 10-17 years	295
NOM 25:Forgone health care	297

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

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

Appendix C: Notes on Imputation of Missing Values



Acknowledgments

This publication is prepared and updated, as needed, by the Child and Adolescent Health Measurement Initiative (CAHMI) located at the Department of Population, Family and Reproductive Health, Bloomberg School of Public Health, Johns Hopkins University.

The CAHMI team extends their heartfelt thanks to the Health Resources & Services Administration's (HRSA) 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 MCHB, a Technical Expert Panel (TEP), and many DRC national advisors and experts.

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 2018 NSCH SPSS Codebook

This codebook contains documentation and SPSS program syntax used in the development of the Child and Family Health Measures, Title V MCH Block Grant National Performance and Outcome Measures, and subgroup variables featured in the National Data Resource Center for Child and Adolescent Health (DRC) interactive data query for the 2018 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 2018 NSCH Data Set, which includes all of the measures and subgroup variables listed herein. The data set is available free of charge, using the "Request a Data Set" feature on the [DRC website](#).

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

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

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

The main feature of the DRC is an interactive data query that includes over 300 standardized measures/items from the NSCH on the health and health care of children, youth, and families. Survey results can be stratified by the age, race/ethnicity, income, and other pertinent characteristics of children and youth nationwide and for any state where the sample size permits. The [survey questionnaires](#), [sampling and administration diagrams](#), [methods reports](#), [selected papers](#), [publications](#) and [briefs](#) based on the surveys, and other resources can be accessed on the DRC web site.

Overview of the 2018 NSCH

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

- estimate national and state-level prevalence for a variety of child and family health measures;
- generate information about children, families, schools, and neighborhoods to help guide policymakers, advocates, and researchers; and
- provide estimates for Title V Maternal and Child Health Services Block Grant National Outcome and Performance Measures and data for state-level Title V needs assessments and Healthy People 2020 objectives.

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

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

The 2018 NSCH was conducted from June 2018 through January 2019. A total of 30,530 surveys were completed nationally by parents/caregivers of children and youth for the 2018 NSCH. The 2018 data set contains approximately 423 surveys per state (state range: 520 to 769). Survey data are adjusted and weighted to reflect the demographic composition of non-institutionalized children and youth aged 0–17 years in each state.

NSCH questionnaires could be completed online or by mail. Households received a mailed invitation asking an adult in the household who is familiar with the child's health and health care (usually the parent) to complete a short screener questionnaire (via web or paper). The screener questionnaire asked participants to identify all children ages 0–17 living in the household. If a child (or children) lived in the household, the participants who chose to respond online were 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. Participants could also request a paper copy of the screener and topical questionnaire if they did not wish to complete it online. All non-responding households received a reminder in the mail. A mailed paper screener was provided if the household did not respond to the first two web-survey invitations. In 2018, 77.9% completed the survey online and 22.1% were completed using the paper instrument. A simple visual diagram for the survey sampling and administration is available on

the [DRC website](#). More detailed information about the sampling and administration of the survey is available in the 2018 NSCH [Methodology Report](#).

Please note that due to changes in the NSCH's mode of data collection and sampling frame, as well as adjustments to item wording where necessary, it is not possible to compare estimates from surveys conducted from 2016 forward to any of the previously administered surveys and also not possible to conduct trend analyses with data prior to 2016. Data collected since 2016 can be compared with subsequent years for items and measures which have not changed. See "What's new and changed in the 2018 National Survey of Children's Health as compared to the 2017 NSCH" on the [DRC website](#).

Additional resources detailing information about the NSCH - including Fast Facts, a Survey Sampling and Administration Diagram, and a Guide to Topics and Questions - are available [on the DRC](#). The public use data files for the 2016-2018 NSCH, along with the Methodology Report and other relevant background information and documentation are located on the [US Census Bureau website](#) and on the [HRSA's MCHB website](#).

Important Information Regarding the 2018 NSCH Data

Weighting

Each record in the 2018 NSCH public release dataset is assigned a single sampling weight (variable name **FWC**).

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, 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 2017 American Community Survey (ACS). More details are available within the [2018 National Survey of Children's Health, Methodology Report](#) and [Source and Accuracy Statement](#) published by the US Census Bureau.

Variance estimation

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

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

The survey sampling plan should be set up as follows:

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

Cluster: HHID (unique household identifier)

Weight: FWC

Additional information about stratum identifiers for specific statistical software (Stata and SAS-callable SUDAAN) is available in the NSCH [Methodology Reports](#) provided by the US Census Bureau.

Example code for SPSS as follows:

CSTABULATE

```
/PLAN FILE='C:\Desktop\2017-2018NSCH_Topical_AnalysisPlan.csaplan'  
/TABLES VARIABLES=npm6DSc_1718  
/CELLS POPSIZE TABLEPCT  
/STATISTICS SE CIN(95) COUNT  
/MISSING SCOPE=TABLE CLASSMISSING=EXCLUDE.
```

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

Trending

Results from the 2018 NSCH can be compared to those from the 2016 and 2017 NSCH. Some survey items may not be comparable if there were changes to the wording of the question or the response options provided. More information about the changes between the 2016, 2017 and 2018 NSCH is available on the [DRC website](#). The NSCH Crosswalk of survey items across 2016-2018 is provided on the [Census Bureau website](#). When considering trending (or combining the data sets), additional information is available in the [Guide to Analysis of Multi-Year NSCH Data](#) provided by the US Census Bureau.

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, the 2018 NSCH data can only be compared to the 2016 and 2017 NSCH but not to any years prior to 2016.

Combining multiple years of the NSCH

Data across multiple years of the redesigned NSCH (2016 and later) can be combined to increase the analytic sample size. By leveraging a larger sample, data users can analyze smaller population groups and rare outcomes that are not sufficiently represented in a single year sample and produce national and state-level estimates with smaller standard errors. The U.S. Census Bureau has developed guidance on several important considerations and caveats that should be noted when analyzing multi-year survey data. That guidance can be accessed [here](#).

Topics included in this guidance include adjusting survey weights, ensuring data consistency across years, discussing multi-year estimates, and statistical significance testing. When combining data, data users should review individual survey items to ensure consistency in data collection. A crosswalk of survey items across 3 years is available on the [U.S Census Bureau website](#).

State data availability

State-level data is available for many items and Title V Block Grant Performance and Outcome Measures, but may not be available for some states or 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 HRSA's Maternal Child Health Bureau (MCHB). The data suppression and precision alert used for the DRC data query is available at:

<https://www.childhealthdata.org>

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

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

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

Substate data availability

The 2018 National Survey of Children’s Health reports four geographic variables in the public use file: FIPSST (State of Residence), CBSAfp_YN (Core-Based Statistical Area Status), METRO_YN (Metropolitan Statistical Area Status), and MPC_YN (Metropolitan Principal City Status). Data for

CBSAfp_YN, METRO_YN, and MPC_YN are not reported for some states in the public use file. More information about the geographic variables can be found on the US Census Bureau's 2018 National Survey of Children's Health, [Methodology Reports](#).

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

Interpretation of results

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

Additionally, it is good to keep in mind that the condition-specific information in this survey is based on parent 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, 6–17, 10–17, and 12–17 years. In several parts of the survey, follow-up questions were asked only if parents gave a specific response to an earlier question.

Treatment of unknown/missing values

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

Missing values are not included in the denominator when calculating prevalence estimates and weighted population counts displayed in the Interactive Data Query. In the majority of cases, the proportion of missing values is less than 2%. Exceptions are noted in the form of a Data Alert at the bottom of a results table. The exclusion of these values does not change the prevalence estimates (%) and only marginally affects the weighted population counts (Pop. Est.). A few questions have higher proportions of unknown values, most notably BMI-for-age (3.7% unweighted) of children age 10–17, nationwide. An assessment of how missing values impact population count estimates is available on the [DRC website](#).

The SPSS data files for the 2018 NSCH include special missing value codes for analysts who may wish to differentiate between different types of missing values as shown in Table 1.

Table 1. SPSS special missing value codes

Code	Category	Description
95	Legitimate skip	<ul style="list-style-type: none"> The item is not applicable to the respondent, as determined by a previous answer to a root question. Some questions were asked about children in the survey and then later excluded (set to 95) due to the indicator/measure denominator definition (e.g the denominator for NOM 17.3 Autism/ASD is children age 3-17 years even though the survey question was asked for all children (0-17). Children age 0-2 years were set to 95 for this measure.)
99	Missing in error	The value is missing due to respondent or system errors, or the respondent did not provide a valid answer.
90	Not in universe	The item was not included on the respondent's age-specific topical questionnaire.
96	Suppressed for confidentiality	The value is suppressed in order to protect the privacy of the respondent/child.

Imputation of missing values

The poverty level variable had and 15.3% missing values, which may result in biased estimates. Therefore, the missing values were imputed by the Census Bureau. The impact of missing values on population count estimates is available on the [DRC website](#). The 2018 NSCH topical public use files provided by the Census Bureau contains all 6 imputed FPL (FPL_I1-FPL_I6) variables. A [data file](#) and [documentation](#) containing all six imputations for the household poverty level variable is available on the United States [Census Bureau website](#).

The 2018 data file also offer several other imputed variables, such as household tenure (TENURE), child's sex (SC_SEX), race (SC_RACE_R, SC_RACEASIA, SC_RACEAIAN), Hispanic origin (SC_HISPANIC_R), household size (HHCOUNT) and Adult 1's highest education level (A1_GRAD_I) with a corresponding flag variable to let you know which cases were imputed.

The poverty level variable povlev4_18 in the DRC NSCH data set was generated using a **single imputation value** from the 2018 data file (FPL_I1). Please note that **poverty level estimates and confidence intervals based on single imputed income values may differ slightly from those obtained using multiple imputation methods**. All six imputed poverty level variables are available in the DRC combined data set for users who wish to estimate multiple imputed poverty level.

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.**

The list of variables for the 2018 data set is available in the compressed folder you have downloaded along with this codebook.

2018 National Survey of Children's Health

**Child and Family Health Measures and
Subgroup Variables**



Indicator 1.1	Health status (ChHlthSt_18)
Description	In general, how would you describe this child's health?
Survey Items Used	Survey instrument item number for children 0-5 years: A1; for children 6-11 years: A1; for children 12-17 years: A1 Variable in public use data file: K2Q01
Denominator	Children age 0-17 years
Numerator/Response Categories	Children whose health is excellent or very good; children whose health is good; children whose health is fair or poor
Notes for Data-Users	This measure combines five response categories (excellent, very good, good, fair, and poor) into three response categories.
Revisions and Changes	This measure did not change from the 2017 NSCH, therefore the results may be compared.
SPSS Syntax and Annotation	<p>RECODE K2Q01 (1 thru 2=1) (3=2) (4 thru 5=3) (99=99) into ChHlthSt_18. VARIABLE LABELS ChHlthSt_18 "Indicator 1.1: Children's overall health status". VALUE LABELS ChHlthSt_18 1 "Excellent or very good" 2 "Good" 3 "Fair or poor" 99 "Missing". MISSING VALUES ChHlthSt_18(99). FORMATS ChHlthSt_18(f2.0) . EXECUTE.</p>

Indicator 1.2	Condition of teeth, age 1-17 years (TeethCond_18)
Description	How would you describe the condition of this child's teeth, age 1-17 years?
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/Response Categories	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 and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE K2Q01_D (1 thru 2=1) (3=2) (4 thru 5=3) (6=95) (99=99) into TeethCond_18. IF SC_AGE_YEARS < 1 TeethCond_18 = 95. VARIABLE LABELS TeethCond_18 "Indicator 1.2: Overall condition of children's teeth, age 1-17 years". VALUE LABELS TeethCond_18 1 "Excellent or very good" 2 "Good" 3 "Fair or poor" 95 "Children age less than year old or Children with no teeth" 99 "Missing". MISSING VALUES TeethCond_18(95,99). FORMATS TeethCond_18(f4.0). EXECUTE. </pre>	

Indicator 1.2a	Oral health problems, age 1-17 years (OralProb_18)
Description	During the past 12 months, has this child had oral health problems such as toothaches, bleeding gums or decayed teeth or cavities, age 1-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: A4g-i; for children 6-11 years: A4e-g; for children 12-17 years: A4 e-g Variables in public use data file: CAVITIES; GUMBLEED; TOOTHACHE
Denominator	Children age 1-17 years
Numerator/Response Categories	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 based on three survey questions: whether the child had a toothache in the past 12 months, whether the child had bleeding gums in the past 12 months, or whether the child had decayed teeth/cavities in the past 12 months. Cases with no valid responses to all questions were set to missing. Although the questions were asked for all children, the denominator of this measure is children age 1-17 years.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE toothache_18 = TOOTHACHES. IF SC AGE YEARS < 1 toothache_18 = 95. VARIABLE LABELS toothache_18 "Children who had toothache during the past 12 months, age 1-17 years". VALUE LABELS toothache_18 1 "Yes, had toothaches" 2 "No toothaches" 95 "Children age less than 1 year old" 99 "Missing". MISSING VALUES toothache_18(95,99). EXECUTE. COMPUTE gumbleed_18 = GUMBLEED. IF SC AGE YEARS < 1 gumbleed_18 = 95. VARIABLE LABELS gumbleed_18 "Children who had bleeding gum during the past 12 months, age 1-17 years". VALUE LABELS gumbleed_18 1 "Yes, had bleeding gums" 2 "No bleeding gums" 95 "Children age less than 1 year old" 99 "Missing". MISSING VALUES gumbleed_18(95,99). EXECUTE. COMPUTE cavities_18 = CAVITIES. IF SC AGE YEARS < 1 cavities_18 = 95. </pre>	

VARIABLE LABELS cavities_18 "Children who had decayed teeth or cavities during the past 12 months, age 1-17 years".

VALUE LABELS cavities_18

1 "Yes, had decayed teeth or cavities"

2 "No decayed teeth or cavities"

95 "Children age less than 1 year old"

99 "Missing".

MISSING VALUES cavities_18(95,99).

EXECUTE.

COUNT ctOralProb_18 = TOOTHACHES GUMBLEED CAVITIES(1).

IF TOOTHACHES = 99 and GUMBLEED =99 and CAVITIES = 99 ctOralProb_18 = 99.

IF SC_AGE_YEARS < 1 ctOralProb_18 = 95.

VARIABLE LABELS ctOralProb_18 "Number of oral health problems, age 1-17 years".

VALUE LABELS ctOralProb_18

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_18 = 999.

IF ctOralProb_18 = 0 OralProb_18 = 2.

IF ctOralProb_18 > 0 OralProb_18 = 1.

IF ctOralProb_18 = 99 OralProb_18 = 99.

IF SC_AGE_YEARS < 1 OralProb_18 = 95.

VARIABLE LABELS OralProb_18 "Indicator 1.2a: Oral health problems: toothache, bleeding gums, and/or decayed teeth or cavities, age 1-17 years".

VALUE LABELS OralProb_18

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_18(95,99).

FORMATS OralProb_18(f2.0).

EXECUTE.

Indicator 1.3	Breastfed ever, age 0-5 years (BrstEver_18)
Description	Was this child ever breastfed or fed breast milk, age 0-5 years?
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/Response Categories	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
Notes for Data-Users	
This measure was derived from a single item.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE K6Q40 (else=copy) into BrstEver_18. IF SC_AGE_YEARS > 5 BrstEver_18 = 90. VARIABLE LABELS BrstEver_18 "Indicator 1.3: Children who were ever breastfed or fed breast milk, age 0-5 years". VALUE LABELS BrstEver_18 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 6-17 years". MISSING VALUES BrstEver_18(90,99). FORMATS BrstEver_18(f4.0). EXECUTE. </pre>	

Indicator 1.3a	Exclusively breastfed first 6 months, age 6 months-5 years (ExBrstFd_18)
Description	Was this child exclusively breastfed for 6 months, age 6 months-5 years?
Survey Items Used	Survey instrument item number for children age 0-5 years: B4; for children age 6-11 years: B5; for children age 12-17 years: B6 Variables in public use data file: K6Q40; BREASTFEDEND_MO_S; FRSTFORMULA_MO_S; FRSTSOLIDS_MO_S; K6Q41R_STILL; K6Q42R_NEVER; K6Q43R_NEVER (derived)
Denominator	Children age 6 months - 5 years
Numerator/Response Categories	Children who were never breastfed or fed breast milk; Children who were exclusively breastfed or fed breast milk for the first six months of life; Children who were breast fed or fed breast milk, but not exclusively during the first six months of life; Children whose breastfeeding exclusivity is not known
Notes for Data-Users	
Four questions were used to construct this measure: 1) whether the child was ever breastfed or fed breast milk, 2) age at which breastfeeding completely stopped, 3) age at which formula was introduced, and 4) age at which anything other than breast milk or formula was introduced. 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.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE BrstStop_18 = 999. IF BREASTFEDEND_MO_S < 6 BrstStop_18 = 1. IF BREASTFEDEND_MO_S >= 6 OR K6Q41R_STILL = 1 BrstStop_18 = 2. IF K6Q40 = 2 BrstStop_18 = 95. IF BREASTFEDEND_MO_S = 99 BrstStop_18 = 99. IF SC_AGE_YEARS > 5 BrstStop_18 = 90. VARIABLE LABELS BrstStop_18 "Age in months of when stopped breastfeeding". VALUE LABELS BrstStop_18 1 "Less than 6 months" 2 "6 months or longer, or still breastfeeding" 95 "Never breastfeed" 99 "Missing" 90 "Children age 6-17 years". COMPUTE FedForm_18 = 999. IF FRSTFORMULA_MO_S < 6 FedForm_18 = 1. IF FRSTFORMULA_MO_S >= 6 or K6Q42R_NEVER = 1 FedForm_18 = 2. IF FRSTFORMULA_MO_S=99 FedForm_18 = 99. </pre>	

```
IF SC_AGE_YEARS > 5 FedForm_18 = 90.  
VARIABLE LABELS FedForm_18 "Age in months when first fed formula".  
VALUE LABELS FedForm_18  
1 "Earlier than 6 months"  
2 "6 months or after or never fed formula"  
99 "Missing"  
90 "Children age 6-17 years".  
  
COMPUTE FedOther_18=999.  
IF FRSTSOLIDS_MO_S < 6 FedOther_18 = 1.  
IF FRSTSOLIDS_MO_S >= 6 or K6Q43R_NEVER = 1 FedOther_18 = 2.  
IF FRSTSOLIDS_MO_S=99 FedOther_18 = 99.  
IF SC_AGE_YEARS > 5 FedOther_18 = 90.  
VARIABLE LABELS FedOther_18 "Age in months when first fed other food".  
VALUE LABELS FedOther_18  
1 "Earlier than 6 months"  
2 "6 months or after or never fed other food"  
99 "Missing"  
90 "Children age 6-17 years".  
  
COMPUTE ExBrstFd_18 = 4.  
IF BrstStop_18 = 2 and FedForm_18 = 2 and FedOther_18 = 2 ExBrstFd_18 = 2.  
IF BrstStop_18 = 1 or FedForm_18 = 1 or FedOther_18 = 1 ExBrstFd_18 = 3.  
IF K6Q40 = 2 ExBrstFd_18 = 1.  
IF K6Q40=99 ExBrstFd_18 = 99.  
IF SC_AGE_LT6 = 1 ExBrstFd_18 = 95.  
IF SC_AGE_YEARS > 5 ExBrstFd_18 = 90.  
VARIABLE LABELS ExBrstFd_18 "Indicator 1.3a: Exclusively breastfed or given breast milk for first 6 months, age 6 months-5 years".  
VALUE LABELS ExBrstFd_18  
1 "Never breastfed or given breast milk"  
2 "Exclusively breastfed for first 6 months"  
3 "Breastfed first six months, not exclusively"  
4 "Breastfed, exclusivity not known"  
99 "Missing"  
95 "Children less than 6 months"  
90 "Children age 6-17 years".  
MISSING VALUES ExBrstFd_18(90,95,99).
```

Indicator 1.4	Weight status (BMI) in 4 categories, age 10-17 years (BMI4_18)
Description	What is the weight status of this child based on Body Mass Index (BMI)-for-age, age 10-17 years?
Survey Items Used	Survey instrument item number for children 10-11 years: C5,C4; for children 12-17 years: C6,C5 Variable name in public use file: BMICLASS (derived)
Denominator	Children age 10-17 years
Numerator/Response Categories	Children who are underweight (less than 5th percentile); Children who are at a healthy weight (5th to 84th percentile); Children who are overweight (85th to 94th percentile); Children who are obese (95th percentile or above)
Notes for Data-Users	
<p>Assessment of body mass index (BMI) in children and teenagers is approached differently than for adults. Because growth patterns differ, BMI in youth is age and gender specific. BMI-for-age categories are: Underweight - Less than the 5th percentile; Healthy weight - 5th percentile to less than the 85th percentile; Overweight - 85th to less than the 95th percentile; Obese - Equal to or greater than the 95th percentile. Additional information about BMI-for-age is available from the CDC website</p> <p>The child's age in months is used to calculate BMI-for-age. However, since the NSCH reports age only in years, all children were assumed to be at the midpoint of their age-year for this calculation. In the NSCH, BMI is based on parents' recollection of the selected child's height and weight. Responses to these questions about child's current height and weight were not independently verified (e.g., measurement, health records, etc.). A study comparing parent-reported height and weight estimates from the 2003 NSCH with results of physical measurement from the National Health and Nutrition Examination Survey (NHANES) revealed that parents typically overestimate height and underestimate weight of children younger than 10 years of age. (Lara J. Akinbami, Cynthia L. Ogden. (2009) Childhood Overweight Prevalence in the United States: The Impact of Parent-reported Height and Weight. <i>Obesity</i> 17:1574-1580); therefore BMI for children under 10 years of age is not reported in this measure.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE BMI4_18 = BMICLASS. IF SC_AGE_YEARS < 10 BMI4_18 = 90. VARIABLE LABELS BMI4_18 "Indicator 1.4: Weight status of the child based on Body Mass Index (BMI)-for-age in four categories, 10-17 years". VALUE LABELS BMI4_18 1 "Underweight (less than 5th percentile)" 2 "Normal weight (5th to 84th percentile)" 3 "Overweight (85th to 94th percentile)" 4 "Obese (95th percentile or above)" 99 "Missing" 90 "Children age 0-9 years". MISSING VALUES BMI4_18(90,99). EXECUTE. </pre>	

Indicator 1.4a	Weight status (BMI) in 3 categories, age 10-17 years (BMI3_18)
Description	Is this child currently overweight or obese, based on Body Mass Index (BMI)-for-age, age 10-17 years?
Survey Items Used	Survey instrument item number for children 10-11 years: C5,C4; for children 12-17 years: C6,C5 Variable in public use file: BMICLASS (derived)
Denominator	Children age 10-17 years
Numerator/Response Categories	Children who are underweight (less than 5th percentile); Children who are at a healthy weight (5th to 84th percentile); Children who are overweight or obese (85th percentile or above)

Notes for Data-Users

Assessment of body mass index (BMI) in children and teenagers is approached differently than for adults. Because growth patterns differ, BMI in youth is age and gender specific. BMI-for-age categories are: Underweight - Less than the 5th percentile; Healthy weight - 5th percentile to less than the 85th percentile; Overweight - 85th to less than the 95th percentile; Obese - Equal to or greater than the 95th percentile. Additional information about BMI-for-age is available from the [CDC website](#).

The child's age in months is used to calculate BMI-for-age. However, since the NSCH reports age only in years, all children were assumed to be at the midpoint of their age-year for this calculation. In the NSCH, BMI is based on parents' recollection of the selected child's height and weight. Responses to these questions about child's current height and weight were not independently verified (e.g., measurement, health records, etc.). A study comparing parent-reported height and weight estimates from the 2003 NSCH with results of physical measurement from the National Health and Nutrition Examination Survey (NHANES) revealed that parents typically overestimate height and underestimate weight of children younger than 10 years of age. (Lara J. Akinbami, Cynthia L. Ogden. (2009) Childhood Overweight Prevalence in the United States: The Impact of Parent-reported Height and Weight. *Obesity* 17:1574-1580); therefore BMI for children under 10 years of age is not reported in this measure.

Revisions and Changes

This measure did not change from the 2017 NSCH, therefore the results may be compared.

SPSS Syntax and Annotation

```

COMPUTE BMI3_18 = 999.
IF BMICLASS = 1 BMI3_18 = 1.
IF BMICLASS = 2 BMI3_18 = 2.
IF BMICLASS = 3 or BMICLASS = 4 BMI3_18 = 3.
IF BMICLASS=99 BMI3_18 = 99.
IF SC_AGE_YEARS < 10 BMI3_18 = 90.
VARIABLE LABELS BMI3_18 "Indicator 1.4a: Weight status of children based on Body Mass Index (BMI)-for-age in three categories, 10-17 years".
VALUE LABELS BMI3_18
1 "Underweight (less than 5th percentile)"
2 "Normal weight (5th to 84th percentile)"
3 "Overweight or obese (85th percentile or above)"
99 "Missing"
90 "Children age 0-9 years".
MISSING VALUES BMI3_18(90,99).
EXECUTE.

```

Indicator 1.4b	Ever told that child is overweight (ToldOverweight_18)
Description	Has a doctor or other health care provider ever told you that this child is overweight?
Survey Items Used	Survey instrument item number for children 0-5 years: C7; for children 6-11 years: C7; for children 12-17 years: C7 Variables in public use data file: OVERWEIGHT
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who were ever told that they are overweight; Children who were never told that they are overweight
Notes for Data-Users	
This measure was derived from a single item based on parent recollection. The child's overweight status is not verified by child's weight or Body Mass Index (BMI-for-age).	
Revisions and Changes	
This item is new in the 2018 NSCH.	
SPSS Syntax and Annotation	
<pre> COMPUTE ToldOverweight_18 = OVERWEIGHT. VARIABLE LABELS ToldOverweight_18 "Indicator 1.4b: Children who ever told by a doctor or health professional that they have overweight". VALUE LABELS ToldOverweight_18 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES ToldOverweight_18(99). EXECUTE. </pre>	

Indicator 1.5	Physical activity, age 6-17 years (PhysAct_18)
Description	During the past week, on how many days did this child exercise, play a sport, or participate in physical activity for at least 60 minutes, age 6-17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: G6; for children 12-17 years: G6 Variable in public use data file: PHYSACTIV
Denominator	Children age 6-17 years
Numerator/Response Categories	Children who did not exercise, play a sport, or participate in physical activity for at least 60 minutes during the past week; Children who exercise, play a sport, or participate in physical activity for at least 60 minutes 1-3 days a week; Children who exercise, play a sport, or participate in physical activity for at least 60 minutes 4-6 days a week; 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 and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE PhysAct_18 = PHYSACTIV. IF SC_AGE_YEARS < 6 PhysAct_18 = 90. VARIABLE LABELS PhysAct_18 "Indicator 1.5 Children who are physically active at least 60 minutes per day, age 6-17 years". VALUE LABELS PhysAct_18 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Every day" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES PhysAct_18(90,99). FORMATS PhysAct_18(f2.0). EXECUTE. </pre>	

Indicator 1.6	Concerns about weight (WgtConcn_18)
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: WGTCNC
Denominator	Children age 0-17 years
Numerator/Response Categories	Children whose parents have a concern that their child's weight is too high; Children whose parents have a concern that their child's weight is too low; Children whose parents do not have concerns about their child's weight
Notes for Data-Users	
This measure was derived from a single item.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE WgtConcn_18 = WGTCNC. VARIABLE LABELS WgtConcn_18 "Indicator 1.6: Parental concern about their children's weight". VALUE LABELS WgtConcn_18 1 "Yes, concerned it is too high" 2 "Yes, concerned it is too low" 3 "No, not concerned" 99 "Missing". MISSING VALUES WgtConcn_18(99). FORMATS WgtConcn_18(f2.0). EXECUTE. </pre>	

Indicator 1.7	Low birth weight (LowBWght_18)
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: B1; for children 6-11 years: B1; for children 12-17 years: B1 Variable in public use data file: BIRTHWT_L (derived)
Denominator	Children age 0-17 years
Numerator/Response Categories	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	
The public use data file provided by the Census Bureau includes several variables indicating the child's birth weight status: BIRTHWT_OZ_S, BIRTHWT, BIRTHWT_VL and BIRTHWT_L. The detailed birth weight in ounces is available in the standardized variable BIRTHWT_OZ_S. The variable BIRTHWT categorizes children's birth weight into three categories: very low birth weight, low birth weight, and not low birth weight. BIRTHWT_VL and BIRTHWT_L variables are binary variables defining whether the child was born with low or very low birth weight.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE LowBWght_18 = BIRTHWT_L. VARIABLE LABELS LowBWght_18 "Indicator 1.7: Children who were born with a low birth weight, that is they weighed less than 2500 grams at birth". VALUE LABELS LowBWght_18 1 "Child was born with low birth weight" 2 "Child did not have a low birth weight" 99 "Missing". MISSING VALUES LowBWght_18(999). EXECUTE. </pre>	

Indicator 1.7a	Low or very low birth weight (VeryLBWght_18)
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: B1; for children 6-11 years: B1; for children 12-17 years: B1 Variable in public use data file: BIRTHWT_VL (derived)
Denominator	Children age 0-17 years
Numerator/Response Categories	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	
The public use data file provided by the Census Bureau includes several variables indicating the child's birth weight status: BIRTHWT_OZ_S, BIRTHWT, BIRTHWT_VL and BIRTHWT_L. The detailed birth weight in ounces is available in the standardized variable BIRTHWT_OZ_S. The variable BIRTHWT categorizes children's birth weight into three categories: very low birth weight, low birth weight, and not low birth weight. BIRTHWT_VL and BIRTHWT_L variables are binary variables defining whether the child was born with low or very low birth weight.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE VeryLBWght_18 = BIRTHWT. VARIABLE LABELS VeryLBWght_18 "Indicator 1.7a: Children who were born with a low birth weight, that is they weighed less than 1500 grams at birth". VALUE LABELS VeryLBWght_18 1 "Child was born with very low birth weight (<1500g)" 2 "Child was born with low birth weight (1500-<2500g)" 3 "Child did not have a low birth weight" 99 "Missing". MISSING VALUES VeryLBWght_18(99). EXECUTE. </pre>	

Indicator 1.8	Premature birth (BornPre_18)
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/Response Categories	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 and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE BornPre_18 = K2Q05. VARIABLE LABELS BornPre_18 "Indicator 1.8: Children who were born premature, that is more than 3 weeks before their due date". VALUE LABELS BornPre_18 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES BornPre_18(99). EXECUTE. </pre>	

Indicator 1.9	One or more health conditions (Cond2more27_18)
Description	Does this child have current or lifelong health conditions from a list of 27 conditions?
Survey Items Used	<p>Survey instrument item number for children 0-5 years: A5, A6-A28, A33; for children 6-11 years: A7-A30, A34; for children 12-17 years: A5e,f, A6-A30, A34</p> <p>Variables in public use data file: ALLERGIES; ALLERGIES_CURR; ARTHRITIS; ARTHRITIS_CURR; K2Q40A; K2Q40B; BLOOD; K2Q46A; K2Q46B; K2Q61A; K2Q61B; CYSTFIB; K2Q41A; K2Q41B; DOWNSYN; K2Q42A; K2Q42B; GENETIC; HEART; HEART_CURR; HEADACHE; HEADACHE_CURR; K2Q38A; K2Q38B; K2Q33A; K2Q33B; K2Q32A; K2Q32B; K2Q34A; K2Q34B; SUBABUSE; SUBABUSE_CURR; K2Q36A; K2Q36B; K2Q60A; K2Q60B; K2Q37A; K2Q37B; K2Q30A; K2Q30B; ANYOTHER; ANYOTHER_CURR; K2Q35A; K2Q35B; K2Q31A; K2Q31B; K2Q43B; BLINDNESS</p>
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who do not have current or lifelong health conditions; Children with one current or lifelong health condition; Children with two or more current or lifelong health conditions
Notes for Data-Users	<p>In 2018, 27 conditions were included in the scoring of this measure: allergies (food, drug, insect or other), arthritis, asthma, blood disorders (such as sickle cell disease, thalassemia, or hemophilia), brain injury/concussion/head injury, cerebral palsy, cystic fibrosis, diabetes, Down Syndrome, epilepsy or seizure disorder, genetic or inherited condition, heart condition, frequent or severe headaches including migraine (3-17 years), Tourette Syndrome (3-17 years), anxiety problems (3-17 years), depression (3-17 years), behavioral and conduct problem (3-17 years), substance use disorder (6-17 years), developmental delay (3-17 years), intellectual disability (3-17 years), speech or other language disorder (3-17 years), learning disability (also known as mental retardation) (3-17 years), other mental health condition (3-17 years), Autism or Autism Spectrum Disorder (ASD) (3-17 years), Attention Deficit Disorder or Attention-Deficit/Hyperactivity Disorder (ADD or ADHD) (3-17 years), hearing problems, and vision problems. This measure was derived from responses to two questions about each of 21 health conditions (except hearing problems, vision problems, blood disorders, cystic fibrosis, genetic/inherited conditions and Down Syndrome) asked in the survey: (a) whether they have ever been told by a health care professional or educator that the child has the condition, and (2) whether the child currently has the condition. In 2018, the follow-up question "whether the child currently has the condition" was dropped for 3 conditions: blood disorders, cystic fibrosis and genetic or inherited conditions. Data on whether the child currently has Down Syndrome or not is not released in the 2018 public use file. These 4 conditions were included in scoring of the "current condition" composite measure because the conditions are considered to be lifelong (current) conditions. Children were grouped according to the number of conditions they currently have: none, one, or two or more.</p> <p>Please note that in the NSCH, all information about children's health conditions is based on parent collection and is not independently verified.</p>
Revisions and Changes	<p>In 2018, the follow-up question "whether the child currently has the condition" was dropped for children who were ever told that they have a blood disorder, cystic fibrosis and a genetic or inherited condition. Instead they asked "if the condition was identified through a blood test done shortly after birth". For more information about the changes, click here.</p>

SPSS Syntax and Annotation

```

COMPUTE allergies_18 = 999.
IF ALLERGIES = 2 allergies_18 = 1.
IF ALLERGIES = 1 and ALLERGIES_CURR = 2 allergies_18 = 2.
IF ALLERGIES = 1 and ALLERGIES_CURR = 1 allergies_18 = 3.
IF ALLERGIES=99 or ALLERGIES_CURR=99 allergies_18 = 99.
VARIABLE LABELS allergies_18 "Children who currently have allergies including food, drug, insect, or other".
VALUE LABELS allergies_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing".

COMPUTE arthritis_18 = 999.
IF ARTHRITIS = 2 arthritis_18 = 1.
IF ARTHRITIS = 1 and ARTHRITIS_CURR = 2 arthritis_18 = 2.
IF ARTHRITIS = 1 and ARTHRITIS_CURR = 1 arthritis_18 = 3.
IF ARTHRITIS=99 or ARTHRITIS_CURR=99 arthritis_18 = 99.
VARIABLE LABELS arthritis_18 "Children currently have arthritis".
VALUE LABELS arthritis_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing".

COMPUTE asthma_18 = 99.
IF K2Q40A = 2 asthma_18 = 1.
IF K2Q40A = 1 and K2Q40B = 2 asthma_18 = 2.
IF K2Q40A = 1 and K2Q40B = 1 asthma_18 = 3.
IF K2Q40A=99 or K2Q40B=99 asthma_18 = 99.
VARIABLE LABELS asthma_18 "Children currently have asthma".
VALUE LABELS asthma_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing".

COMPUTE BloodScr_18 = 999.
IF BLOOD = 2 BloodScr_18= 1.
IF BLOOD = 1 and BLOOD_SCREEN = 2 BloodScr_18= 2.
IF BLOOD = 1 and BLOOD_SCREEN = 1 BloodScr_18= 3.
IF BLOOD=99 or BLOOD_SCREEN=99 BloodScr_18= 99.
VARIABLE LABELS BloodScr_18 "Children who have blood disorders (such as sickle cell disease, thalassemia, or hemophilia) identified through a blood test".
VALUE LABELS BloodScr_18
1 "Never had condition"
2 "Ever told, but was not identified through a blood test"
3 "Ever told, was identified through a blood test"
99 "Missing".

COMPUTE blood_18 = 999.

```

```

IF BLOOD = 2 blood_18 = 1.
IF BLOOD = 1 blood_18 = 3.
IF BLOOD = 99 blood_18 = 99.
VARIABLE LABELS blood_18 "Children who have ever told that they have blood disorders (such as sickle cell disease, thalassemia, or hemophilia)".
VALUE LABELS blood_18
1 "Never had condition"
3 "Ever told"
99 "Missing".

COMPUTE BrainInj_18 = 999.
IF K2Q46A = 2 BrainInj_18 = 1.
IF K2Q46A = 1 and K2Q46B = 2 BrainInj_18 = 2.
IF K2Q46A = 1 and K2Q46B = 1 BrainInj_18 = 3.
IF K2Q46A=99 or K2Q46B=99 BrainInj_18 = 99.
VARIABLE LABELS BrainInj_18 "Children currently have a brain injury, concussion, or head injury".
VALUE LABELS BrainInj_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing".

COMPUTE palsy_18 = 999.
IF K2Q61A = 2 palsy_18 = 1.
IF K2Q61A = 1 and K2Q61B = 2 palsy_18 = 2.
IF K2Q61A = 1 and K2Q61B = 1 palsy_18 = 3.
IF K2Q61A=99 or K2Q61B=99 palsy_18 = 99.
VARIABLE LABELS palsy_18 "Children who currently have cerebral palsy".
VALUE LABELS palsy_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing".

COMPUTE CystFibScr_18 = 999.
IF CYSTFIB = 2 CystFibScr_18 = 1.
IF CYSTFIB = 1 and CYSTFIB_SCREEN = 2 CystFibScr_18 = 2.
IF CYSTFIB = 1 and CYSTFIB_SCREEN = 1 CystFibScr_18 = 3.
IF CYSTFIB=99 or CYSTFIB_SCREEN=99 CystFibScr_18 = 99.
VARIABLE LABELS CystFibScr_18 "Children who have cystic fibrosis identified through a blood test".
VALUE LABELS CystFibScr_18
1 "Never had condition"
2 "Ever told, but was not identified through a blood test"
3 "Ever told, was identified through a blood test"
99 "Missing".

COMPUTE CystFib_18 = 999.
IF CYSTFIB = 2 CystFib_18 = 1.
IF CYSTFIB = 1 CystFib_18 = 3.
IF CYSTFIB = 99 CystFib_18 = 99.
VARIABLE LABELS CystFib_18 "Children who have ever told that they have cystic fibrosis".
VALUE LABELS CystFib_18
1 "Never had condition"

```

3 "Ever told"
99 "Missing".

COMPUTE diabetes_18 = 999.
 IF K2Q41A = 2 diabetes_18 = 1.
 IF K2Q41A = 1 and K2Q41B = 2 diabetes_18 = 2.
 IF K2Q41A = 1 and K2Q41B = 1 diabetes_18 = 3.
 IF K2Q41A=99 or K2Q41B=99 diabetes_18 = 99.
 VARIABLE LABELS diabetes_18 "Children who currently have diabetes".
 VALUE LABELS diabetes_18
 1 "Does not have condition"
 2 "Ever told, but does not currently have condition"
 3 "Currently has condition"
 99 "Missing".

COMPUTE DownSynd_18 = 999.
 IF DOWNSYN = 2 DownSynd_18 = 1.
 IF DOWNSYN = 1 DownSynd_18 = 3.
 IF DOWNSYN=99 DownSynd_18 = 99.
 VARIABLE LABELS DownSynd_18 "Children who ever had Down Syndrome".
 VALUE LABELS DownSynd_18
 1 "Never had condition"
 3 "Ever told"
 99 "Missing".

COMPUTE seizure_18 = 999.
 IF K2Q42A = 2 seizure_18 = 1.
 IF K2Q42A = 1 and K2Q42B = 2 seizure_18 = 2.
 IF K2Q42A = 1 and K2Q42B = 1 seizure_18 = 3.
 IF K2Q42A=99 or K2Q42B=99 seizure_18 = 99.
 VARIABLE LABELS seizure_18 "Children who currently have epilepsy or seizure disorder".
 VALUE LABELS seizure_18
 1 "Does not have condition"
 2 "Ever told, but does not currently have condition"
 3 "Currently has condition"
 99 "Missing".

COMPUTE GeneticScr_18 = 999.
 IF GENETIC = 2 GeneticScr_18 = 1.
 IF GENETIC = 1 and GENETIC_SCREEN = 2 GeneticScr_18 = 2.
 IF GENETIC = 1 and GENETIC_SCREEN = 1 GeneticScr_18 = 3.
 IF GENETIC=99 or GENETIC_SCREEN=99 GeneticScr_18 = 99.
 VARIABLE LABELS GeneticScr_18 "Children who have a genetic or inherited condition identified through a blood test".
 VALUE LABELS GeneticScr_18
 1 "Never had condition"
 2 "Ever told, but was not identified through a blood test"
 3 "Ever told, was identified through a blood test"
 99 "Missing".

COMPUTE genetic_18 = 999.
 IF GENETIC = 2 genetic_18 = 1.
 IF GENETIC = 1 genetic_18 = 3.

```

IF GENETIC = 99 genetic_18 = 99.
VARIABLE LABELS genetic_18 "Children who have ever told that they have a genetic or inherited
condition".
VALUE LABELS genetic_18
1 "Never had condition"
3 "Ever told"
99 "Missing".

```

```

COMPUTE heart_18 = 999.
IF HEART = 2 heart_18 = 1.
IF HEART = 1 and HEART_CURR = 2 heart_18 = 2.
IF HEART = 1 and HEART_CURR = 1 heart_18 = 3.
IF HEART=99 or HEART_CURR=99 heart_18 = 99.
VARIABLE LABELS heart_18 "Children who currently have a heart condition".
VALUE LABELS heart_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing".

```

```

COMPUTE headache_18 = 999.
IF HEADACHE = 2 headache_18 = 1.
IF HEADACHE = 1 and HEADACHE_CURR = 2 headache_18 = 2.
IF HEADACHE = 1 and HEADACHE_CURR = 1 headache_18 = 3.
IF HEADACHE=99 or HEADACHE_CURR=99 headache_18 = 99.
IF SC AGE YEARS < 3 headache_18 = 95.
VARIABLE LABELS headache_18 "Children who currently have frequent or severe headache including
migraine, age 3-17 years".
VALUE LABELS headache_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing"
95"Children age 0-2 years".

```

```

COMPUTE tourette_18 = 999.
IF K2Q38A = 2 tourette_18 = 1.
IF K2Q38A = 1 and K2Q38B = 2 tourette_18 = 2.
IF K2Q38A = 1 and K2Q38B = 1 tourette_18 = 3.
IF K2Q38A=99 or K2Q38B=99 tourette_18 = 99.
IF SC AGE YEARS < 3 tourette_18 = 95.
VARIABLE LABELS tourette_18 "Children who currently have Tourette Syndrome, age 3-17 years".
VALUE LABELS tourette_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing"
95"Children age 0-2 years".

```

```

COMPUTE anxiety_18 = 999.
IF K2Q33A = 2 anxiety_18 = 1.
IF K2Q33A = 1 and K2Q33B = 2 anxiety_18 = 2.
IF K2Q33A = 1 and K2Q33B = 1 anxiety_18 = 3.

```

```

IF K2Q33A=99 or K2Q33B=99 anxiety_18 = 99.
IF SC_AGE_YEARS < 3 anxiety_18 = 95.
VARIABLE LABELS anxiety_18 "Children who currently have anxiety problems, age 3-17 years".
VALUE LABELS anxiety_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing"
95 "Children age 0-2 years".

COMPUTE depress_18 = 999.
IF K2Q32A = 2 depress_18 = 1.
IF K2Q32A = 1 and K2Q32B = 2 depress_18 = 2.
IF K2Q32A = 1 and K2Q32B = 1 depress_18 = 3.
IF K2Q32A=99 or K2Q32B=99 depress_18 = 99.
IF SC_AGE_YEARS < 3 depress_18 = 95.
VARIABLE LABELS depress_18 "Children who currently have depression, age 3-17 years".
VALUE LABELS depress_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing"
95 "Children age 0-2 years".

COMPUTE behavior_18 = 999.
IF K2Q34A = 2 behavior_18 = 1.
IF K2Q34A = 1 and K2Q34B = 2 behavior_18 = 2.
IF K2Q34A = 1 and K2Q34B = 1 behavior_18 = 3.
IF K2Q34A=99 or K2Q34B=99 behavior_18 = 99.
IF SC_AGE_YEARS < 3 behavior_18 = 95.
VARIABLE LABELS behavior_18 "Children who currently have behavioral or conduct problems, age 3-17 years".
VALUE LABELS behavior_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing"
95 "Children age 0-2 years".

COMPUTE SubUse_18 = 999.
IF SUBABUSE = 2 SubUse_18 = 1.
IF SUBABUSE = 1 and SUBABUSE_CURR = 2 SubUse_18 = 2.
IF SUBABUSE = 1 and SUBABUSE_CURR = 1 SubUse_18 = 3.
IF SUBABUSE=99 or SUBABUSE_CURR=99 SubUse_18 = 99.
IF SC_AGE_YEARS < 6 SubUse_18 = 95.
VARIABLE LABELS SubUse_18 "Children currently have substance use disorder, age 6-17 years".
VALUE LABELS SubUse_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing"
95 "Children age 0-5 years".

```

```

COMPUTE DevDelay_18 = 999.
IF K2Q36A = 2 DevDelay_18 = 1.
IF K2Q36A = 1 and K2Q36B = 2 DevDelay_18 = 2.
IF K2Q36A = 1 and K2Q36B = 1 DevDelay_18 = 3.
IF K2Q36A=99 or K2Q36B=99 DevDelay_18 = 99.
IF SC_AGE_YEARS < 3 DevDelay_18 = 95.
VARIABLE LABELS DevDelay_18 "Children who currently have any developmental delay, age 3-17 years".
VALUE LABELS DevDelay_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing"
95 "Children age 0-2 years".

COMPUTE IntDisab_18 = 999.
IF K2Q60A = 2 IntDisab_18 = 1.
IF K2Q60A = 1 and K2Q60B = 2 IntDisab_18 = 2.
IF K2Q60A = 1 and K2Q60B = 1 IntDisab_18 = 3.
IF K2Q60A=99 or K2Q60B=99 IntDisab_18 = 99.
IF SC_AGE_YEARS < 3 IntDisab_18 = 95.
VARIABLE LABELS IntDisab_18 "Children who currently have intellectual disability or mental retardation, age 3-17 years".
VALUE LABELS intdisab_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing"
95 "Children age 0-2 years".

COMPUTE speech_18 = 999.
IF K2Q37A = 2 speech_18 = 1.
IF K2Q37A = 1 and K2Q37B = 2 speech_18 = 2.
IF K2Q37A = 1 and K2Q37B = 1 speech_18 = 3.
IF K2Q37A=99 or K2Q37B=99 speech_18 = 99.
IF SC_AGE_YEARS < 3 speech_18 = 95.
VARIABLE LABELS speech_18 "Children who currently have speech or other language disorder, age 3-17 years".
VALUE LABELS speech_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing"
95 "Children age 0-2 years".

COMPUTE learning_18 = 999.
IF K2Q30A = 2 learning_18 = 1.
IF K2Q30A = 1 and K2Q30B = 2 learning_18 = 2.
IF K2Q30A = 1 and K2Q30B = 1 learning_18 = 3.
IF K2Q30A=99 or K2Q30B=99 learning_18 = 99.
IF SC_AGE_YEARS < 3 learning_18 = 95.
VARIABLE LABELS learning_18 "Children who currently have a learning disability, age 3-17 years".
VALUE LABELS learning_18
1 "Does not have condition"

```

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

COMPUTE OthrMent_18 = 999.
 IF ANYOTHER = 2 OthrMent_18 = 1.
 IF ANYOTHER = 1 and ANYOTHER_CURR = 2 OthrMent_18 = 2.
 IF ANYOTHER = 1 and ANYOTHER_CURR = 1 OthrMent_18 = 3.
 IF ANYOTHER=99 or ANYOTHER_CURR=99 OthrMent_18 = 99.
 IF SC_AGE_YEARS < 3 OthrMent_18 = 95.
 VARIABLE LABELS OthrMent_18 "Children who currently have other mental health condition, age 3-17 years".
 VALUE LABELS OthrMent_18
 1 "Does not have condition"
 2 "Ever told, but does not currently have condition"
 3 "Currently has condition"
 99 "Missing"
 95 "Children age 0-2 years".

COMPUTE autism_18 = 999.
 IF K2Q35A = 2 autism_18 = 1.
 IF K2Q35A = 1 and K2Q35B = 2 autism_18 = 2.
 IF K2Q35A = 1 and K2Q35B = 1 autism_18 = 3.
 IF K2Q35A=99 or K2Q35B=99 autism_18 = 99.
 IF SC_AGE_YEARS < 3 autism_18 = 95.
 VARIABLE LABELS autism_18 "Children who currently have Autism or Autism Spectrum Disorder including Asperger's Disorder, pervasive developmental disorder, age 3-17 years".
 VALUE LABELS autism_18
 1 "Does not have condition"
 2 "Ever told, but does not currently have condition"
 3 "Currently has condition"
 99 "Missing"
 95 "Children age 0-2 years".

COMPUTE ADHD_18 = 999.
 IF K2Q31A = 2 ADHD_18 = 1.
 IF K2Q31A = 1 and K2Q31B = 2 ADHD_18 = 2.
 IF K2Q31A = 1 and K2Q31B = 1 ADHD_18 = 3.
 IF K2Q31A=99 or K2Q31B=99 ADHD_18 = 99.
 IF SC_AGE_YEARS < 3 ADHD_18 = 95.
 VARIABLE LABELS ADHD_18 "Children who currently have Attention Deficit Disorder (ADD) or Attention-Deficit Hyperactivity Disorder (ADHD), age 3-17 years".
 VALUE LABELS ADHD_18
 1 "Does not have condition"
 2 "Ever told, but does not currently have condition"
 3 "Currently has condition"
 99 "Missing"
 95 "Children age 0-2 years".

RECODE K2Q43B
 (else=copy) into hearing_18.
 VARIABLE LABELS hearing_18 "Children who have deafness or problems with hearing".

VALUE LABELS hearing_18
 1 "Has problems with hearing"
 2 "Does not have problems with hearing"
 99 "Missing".
 MISSING VALUES hearing_18(99).

RECODE BLINDNESS

(else=copy) into vision_18.

VARIABLE LABELS vision_18 "Children who have blindness or problems with seeing, even when wearing glasses".

VALUE LABELS vision_18
 1 "Has problems with seeing"
 2 "Does not have problems with seeing"
 99 "Missing".
 MISSING VALUES vision_18(99).

MISSING VALUES allergies_18 arthritis_18 asthma_18 Blood_18 BrainInj_18 palsy_18 CystFib_18 diabetes_18 DownSynd_18 seizure_18 Genetic_18 heart_18 headache_18 tourette_18 anxiety_18 depress_18 behavior_18 DevDelay_18 intdisab_18 speech_18 learning_18 OthrMent_18 autism_18 ADHD_18 SubUse_18 hearing_18 vision_18().

COUNT CondCnt27_18 = allergies_18 arthritis_18 asthma_18 blood_18 BrainInj_18 palsy_18 CystFib_18 diabetes_18 DownSynd_18 seizure_18 genetic_18 heart_18 headache_18 tourette_18 anxiety_18 depress_18 behavior_18 DevDelay_18 intdisab_18 speech_18 learning_18 OthrMent_18 autism_18 ADHD_18 SubUse_18(3).

IF hearing_18 = 1 CondCnt27_18 = CondCnt27_18 + 1.

IF vision_18 = 1 CondCnt27_18 = CondCnt27_18 + 1.

IF allergies_18=99 and arthritis_18=99 and asthma_18=99 and blood_18=99 and BrainInj_18=99 and palsy_18=99 and CystFib_18=99 and diabetes_18=99 and DownSynd_18=99 and seizure_18=99 and genetic_18=99 and heart_18=99 and headache_18=99 and tourette_18>=95 and anxiety_18>=95 and depress_18>=95 and behavior_18>=95 and DevDelay_18>=95 and intdisab_18>=95 and speech_18>=95 and learning_18>=95 and OthrMent_18=99 and autism_18>=95 and ADHD_18>=95 and hearing_18=99 and vision_18=99 and SubUse_18>=95 CondCnt27_18=99.

VARIABLE LABELS CondCnt27_18 "Number of current health conditions reported from a list of 27".

COMPUTE Cond2more27_18 = 999.

IF CondCnt27_18 = 0 Cond2more27_18 = 1.

IF CondCnt27_18 = 1 Cond2more27_18 = 2.

IF CondCnt27_18 >= 2 Cond2more27_18 = 3.

IF CondCnt27_18=99 Cond2more27_18 = 99.

VARIABLE LABELS Cond2more27_18 "Indicator 1.9: Children with one or more current health conditions out of 24 conditions".

VALUE LABELS Cond2more27_18

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_18(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?
Survey Items Used	<p>Survey instrument item number for children 0-5 years: A5, A6-A28, A33; for children 6-11 years: A7-A30, A34; for children 12-17 years: A5e,f, A6-A30, A34</p> <p>Variables in public use data file: ALLERGIES, ALLERGIES_CURR, ALLERGIES_DESC; ARTHRITIS; ARTHRITIS_CURR; ARTHRITIS_DESC; K2Q40A; K2Q40B; K2Q40C; BLOOD; BLOOD_DESC; K2Q46A; K2Q46B; K2Q46C; K2Q61A; K2Q61B; CERPALS_DESC; K2Q41A; K2Q41B; K2Q41C; K2Q42A; K2Q42B; K2Q42C; GENETIC; GENETIC_DESC; HEART; HEART_CURR; HEART_DESC; HEADACHE; HEADACHE_CURR; HEADACHE_DESC; K2Q38A; K2Q38B; K2Q38C; K2Q33A; K2Q33B; K2Q33C; K2Q32A; K2Q32B; K2Q32C; K2Q34A; K2Q34B; K2Q34C; K2Q36A; K2Q36B; K2Q36C; K2Q60A; K2Q60B; K2Q60C; K2Q37A; K2Q37B; K2Q37C; K2Q30A; K2Q30B; K2Q30C; ANYOTHER; ANYOTHER_CURR; ANYOTHER_DESC; K2Q35A; K2Q35B; K2Q35C; K2Q31A; K2Q31B; K2Q31C</p>
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who do not currently have condition; Children who currently have condition rated as mild; Children who currently have condition rated as moderate/severe
Notes for Data-Users	
All information about children's health conditions from the 2018 NSCH is based on parent recollection and is not independently verified.	
Revisions and Changes	
In 2018, the follow-up question "whether the child currently has the condition" was dropped for children who were ever told that they have a blood disorder, cystic fibrosis and a genetic or inherited condition. Instead they asked "if the condition was identified through a blood test done shortly after birth". For more information about the changes, click here .	
SAS Syntax and Annotation	
<pre> MISSING VALUES allergies_18 arthritis_18 asthma_18 blood_18 BrainInj_18 palsy_18 CystFib_18 diabetes_18 DownSynd_18 seizure_18 genetic_18 heart_18 headache_18 tourette_18 anxiety_18 depress_18 behavior_18 devdelay_18 intdisab_18 speech_18 learning_18 OthrMent_18 autism_18 ADHD_18(). COMPUTE AllerSev_18 =999. IF ALLERGIES_DESC = 1 AllerSev_18 = 2. IF ALLERGIES_DESC=2 or ALLERGIES_DESC=3 AllerSev_18 = 3. IF allergies_18 = 1 or allergies_18 = 2 AllerSev_18 = 1. IF ALLERGIES = 99 or ALLERGIES_CURR = 99 or ALLERGIES_DESC = 99 AllerSev_18 = 99. VARIABLE LABELS AllerSev_18 "Parent-rated severity of child's current allergies including food, drug, insect, or other". VALUE LABELS AllerSev_18 1 "Does not currently have condition" 2 "Current condition, rated mild" 3 "Current condition, rated moderate/severe" 99 "Missing". </pre>	

MISSING VALUES AllerSev_18(99).

```

COMPUTE ArthrSev_18 = 999.
IF ARTHRITIS_DESC = 1 ArthrSev_18 = 2.
IF ARTHRITIS_DESC = 2 or ARTHRITIS_DESC = 3 ArthrSev_18 = 3.
IF arthritis_18 = 1 or arthritis_18 = 2 ArthrSev_18 = 1.
IF ARTHRITIS = 99 or ARTHRITIS_CURR = 99 or ARTHRITIS_DESC = 99 ArthrSev_18 = 99.
VARIABLE LABELS ArthrSev_18 "Parent-rated severity of child's current arthritis".
VALUE LABELS ArthrSev_18
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES ArthrSev_18(99).

```

```

COMPUTE AsthmSev_18 = 999.
IF K2Q40C = 1 AsthmSev_18 = 2.
IF K2Q40C =2 or K2Q40C=3 AsthmSev_18 = 3.
IF asthma_18 = 1 or asthma_18 = 2 AsthmSev_18 = 1.
IF K2Q40A =99 or K2Q40B = 99 or K2Q40C = 99 AsthmSev_18 = 99.
VARIABLE LABELS AsthmSev_18 "Parent-rated severity of child's current asthma".
VALUE LABELS AsthmSev_18
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES AsthmSev_18(99).

```

```

COMPUTE BloodSev_18 = 999.
IF BLOOD_DESC = 1 BloodSev_18 = 2.
IF BLOOD_DESC =2 or BLOOD_DESC=3 BloodSev_18 = 3.
IF blood_18 = 1 BloodSev_18 = 1.
IF BLOOD =99 or BLOOD_DESC = 99 BloodSev_18 = 99.
VARIABLE LABELS BloodSev_18 "Parent-rated severity of child's blood disorders (such as sickle cell disease, thalassemia, or hemophilia)".
VALUE LABELS BloodSev_18
1 "Never had condition"
2 "Ever told, rated mild"
3 "Ever told, rated moderate/severe"
99 "Missing".
MISSING VALUES BloodSev_18(99).

```

```

COMPUTE BrainSev_18 = 999.
IF K2Q46C = 1 BrainSev_18 = 2.
IF K2Q46C =2 or K2Q46C=3 BrainSev_18 = 3.
IF BrainInj_18 = 1 or BrainInj_18 = 2 BrainSev_18 = 1.
IF K2Q46A = 99 or K2Q46B = 99 or K2Q46C = 99 BrainSev_18 = 99.
VARIABLE LABELS BrainSev_18 "Parent-rated severity of child's current brain injury, concussion, or head injury".
VALUE LABELS BrainSev_18
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES BrainSev_18(99).

```

```

COMPUTE PalsySev_18 = 999.
IF CERPALS_DESC = 1 PalsySev_18 = 2.
IF CERPALS_DESC = 2 or CERPALS_DESC=3 PalsySev_18 = 3.
IF palsy_18 = 1 or palsy_18 = 2 PalsySev_18 = 1.
IF K2Q61A = 99 or K2Q61B = 99 or CERPALS_DESC = 99 PalsySev_18 = 99.
VARIABLE LABELS PalsySev_18 "Parent-rated severity of child's current cerebral palsy".
VALUE LABELS PalsySev_18
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES PalsySev_18(99).

COMPUTE DiabetSev_18 = 999.
IF K2Q41C = 1 DiabetSev_18 = 2.
IF K2Q41C=2 or K2Q41C=3 DiabetSev_18 = 3.
IF diabetes_18 = 1 or diabetes_18 = 2 DiabetSev_18 = 1.
IF K2Q41A =99 or K2Q41B = 99 or K2Q41C = 99 DiabetSev_18 = 99.
VARIABLE LABELS DiabetSev_18 "Parent-rated severity of child's current diabetes".
VALUE LABELS DiabetSev_18
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES DiabetSev_18(99).

COMPUTE SeizSev_18 = 999.
IF K2Q42C = 1 SeizSev_18 = 2.
IF K2Q42C =2 or K2Q42C=3 SeizSev_18 = 3.
IF seizure_18= 1 or seizure_18 = 2 SeizSev_18 = 1.
IF K2Q42A = 99 or K2Q42B = 99 or K2Q42C = 99 SeizSev_18 = 99.
VARIABLE LABELS SeizSev_18 "Parent-rated severity of child's current epilepsy or seizure disorder".
VALUE LABELS SeizSev_18
1 "Does not currently have condition"
2 "Current condition, rated mild"
3 "Current condition, rated moderate/severe"
99 "Missing".
MISSING VALUES SeizSev_18(99).

COMPUTE GenetSev_18 = 999.
IF GENETIC_DESC = 1 GenetSev_18 = 2.
IF GENETIC_DESC =2 or GENETIC_DESC=3 GenetSev_18 = 3.
IF genetic_18= 1 GenetSev_18 = 1.
IF GENETIC = 99 or GENETIC_DESC = 99 GenetSev_18 = 99.
VARIABLE LABELS GenetSev_18 "Parent-rated severity of child's current genetic or inherited condition".
VALUE LABELS GenetSev_18
1 "Never had condition"
2 "Ever told, rated mild"
3 "Ever told, rated moderate/severe"
99 "Missing".
MISSING VALUES GenetSev_18(99).

COMPUTE HeartSev_18 = 999.
IF HEART_DESC = 1 HeartSev_18 = 2.
IF HEART_DESC = 2 or HEART_DESC =3 HeartSev_18 = 3.
IF heart_18= 1 or heart_18 = 2 HeartSev_18 = 1.

```

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

```
IF HEART = 99 or HEART_CURR = 99 or HEART_DESC = 99 HeartSev_18 = 99.  
VARIABLE LABELS HeartSev_18 "Parent-rated severity of child's current heart condition".  
VALUE LABELS HeartSev_18  
1 "Does not currently have condition"  
2 "Current condition, rated mild"  
3 "Current condition, rated moderate/severe"  
99 "Missing".  
MISSING VALUES HeartSev_18(99).  
  
COMPUTE HeadSev_18 = 999.  
IF HEADACHE_DESC = 1 HeadSev_18 = 2.  
IF HEADACHE_DESC = 2 or HEADACHE_DESC =3 HeadSev_18 = 3.  
IF headache_18= 1 or headache_18 = 2 HeadSev_18 = 1.  
IF HEADACHE = 99 or HEADACHE_CURR = 99 or HEADACHE_DESC = 99 HeadSev_18 = 99.  
IF SC_AGE_YEARS < 3 HeadSev_18 = 95.  
VARIABLE LABELS HeadSev_18 "Parent-rated severity of current frequent or severe headaches including migraine, age 3-18 years".  
VALUE LABELS HeadSev_18  
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_18(95,99).  
  
COMPUTE TouretSev_18 = 999.  
IF K2Q38C = 1 TouretSev_18 = 2.  
IF K2Q38C = 4 TouretSev_18 = 3.  
IF tourette_18= 1 or tourette_18 = 2 TouretSev_18 = 1.  
IF K2Q38A = 99 or K2Q38B = 99 or K2Q38C = 99 TouretSev_18 = 99.  
IF SC_AGE_YEARS < 3 TouretSev_18 = 95.  
VARIABLE LABELS TouretSev_18 "Parent-rated severity of child's current Tourette Syndrome, age 3-18 years".  
VALUE LABELS TouretSev_18  
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_18(95,99).  
  
COMPUTE AnxietSev_18 = 999.  
IF K2Q33C = 1 AnxietSev_18 = 2.  
IF K2Q33C = 2 or K2Q33C=3 AnxietSev_18 = 3.  
IF anxiety_18= 1 or anxiety_18 = 2 AnxietSev_18 = 1.  
IF K2Q33A = 99 or K2Q33B = 99 or K2Q33C = 99 AnxietSev_18 = 99.  
IF SC_AGE_YEARS < 3 AnxietSev_18 = 95.  
VARIABLE LABELS AnxietSev_18 "Parent-rated severity of child's current anxiety, age 3-17 years".  
VALUE LABELS AnxietSev_18  
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_18(95,99).
```

```

COMPUTE DepresSev_18 = 999.
IF K2Q32C = 1 DepresSev_18 = 2.
IF K2Q32C = 2 or K2Q32C =3 DepresSev_18 = 3.
IF depress_18= 1 or depress_18 = 2 DepresSev_18 = 1.
IF K2Q32A =99 or K2Q32B = 99 or K2Q32C = 99 DepresSev_18 = 99.
IF SC_AGE_YEARS < 3 DepresSev_18 = 95.
VARIABLE LABELS DepresSev_18 "Parent-rated severity of child's current depression, age 3-17 years".
VALUE LABELS DepresSev_18
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_18(95,99).

COMPUTE BehavSev_18 = 999.
IF K2Q34C = 1 BehavSev_18 = 2.
IF K2Q34C = 2 or K2Q34C =3 BehavSev_18 = 3.
IF behavior_18= 1 or behavior_18 = 2 BehavSev_18 = 1.
IF K2Q34A = 99 or K2Q34B = 99 or K2Q34C = 99 BehavSev_18 = 99.
IF SC_AGE_YEARS < 3 BehavSev_18 = 95.
VARIABLE LABELS BehavSev_18 "Parent-rated severity of child's current behavioral or conduct problems,
age 3-17 years".
VALUE LABELS BehavSev_18
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_18(95,99).

COMPUTE DevDelSev_18 = 999.
IF K2Q36C = 1 DevDelSev_18 = 2.
IF K2Q36C = 2 or K2Q36C = 3 DevDelSev_18 = 3.
IF devdelay_18= 1 or devdelay_18 = 2 DevDelSev_18 = 1.
IF K2Q36A = 99 or K2Q36B = 99 or K2Q36C = 99 DevDelSev_18 = 99.
IF SC_AGE_YEARS < 3 DevDelSev_18 = 95.
VARIABLE LABELS DevDelSev_18 "Parent-rated severity of child's developmental delay, age 3-17 years".
VALUE LABELS DevDelSev_18
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_18(95,99).

COMPUTE IntDisSev_18 = 999.
IF K2Q60C = 1 IntDisSev_18 = 2.
IF K2Q60C = 2 or K2Q60C=3 IntDisSev_18 = 3.
IF intdisab_18= 1 or intdisab_18 = 2 IntDisSev_18 = 1.
IF K2Q60A = 99 or K2Q60B = 99 or K2Q60C = 99 IntDisSev_18 = 99.
IF SC_AGE_YEARS < 3 IntDisSev_18 = 95.
VARIABLE LABELS IntDisSev_18 "Parent-rated severity of child's current intellectual disability or mental
retardation, age 3-17 year".
VALUE LABELS IntDisSev_18
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_18(95,99).

COMPUTE SpeechSev_18 = 999.
IF K2Q37C = 1 SpeechSev_18 = 2.
IF K2Q37C = 2 or K2Q37C = 3 SpeechSev_18 = 3.
IF speech_18= 1 or speech_18 = 2 SpeechSev_18 = 1.
IF K2Q37A = 99 or K2Q37B = 99 or K2Q37C =99 SpeechSev_18 = 99.
IF SC_AGE_YEARS < 3 SpeechSev_18 = 95.
VARIABLE LABELS SpeechSev_18 "Parent-rated severity of child's current speech or other language disorder, age 3-17 years".
VALUE LABELS SpeechSev_18
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_18(95,99).

COMPUTE LearnSev_18 = 999.
IF K2Q30C = 1 LearnSev_18 = 2.
IF K2Q30C = 2 or K2Q30C= 3 LearnSev_18 = 3.
IF learning_18= 1 or learning_18 = 2 LearnSev_18 = 1.
IF K2Q30A = 99 or K2Q30B = 99 or K2Q30C = 99 LearnSev_18 = 99.
IF SC_AGE_YEARS < 3 LearnSev_18 = 95.
VARIABLE LABELS LearnSev_18 "Parent-rated severity of child's current learning disability, age 3-17 years".
VALUE LABELS LearnSev_18
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_18(95,99).

COMPUTE OthMHSev_18 = 999.
IF ANYOTHER_DESC = 1 OthMHSev_18 = 2.
IF ANYOTHER_DESC = 2 or ANYOTHER_DESC =3 OthMHSev_18 = 3.
IF OthrMent_18= 1 or OthrMent_18 = 2 OthMHSev_18 = 1.
IF ANYOTHER = 99 or ANYOTHER_CURR = 99 or ANYOTHER_DESC = 99 OthMHSev_18 = 99.
IF SC_AGE_YEARS < 3 OthMHSev_18 = 95.
VARIABLE LABELS OthMHSev_18 "Parent-rated severity of child's current other mental health condition, age 3-17 years".
VALUE LABELS OthMHSev_18
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_18(95,99).

COMPUTE AutismSev_18 = 999.
IF K2Q35C = 1 AutismSev_18 = 2.

```

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

```
IF K2Q35C = 2 or K2Q35C =3 AutismSev_18 = 3.  
IF autism_18= 1 or autism_18 = 2 AutismSev_18 = 1.  
IF K2Q35A = 99 or K2Q35B = 99 or K2Q35C = 99 AutismSev_18 = 99.  
IF SC_AGE_YEARS < 3 AutismSev_18 = 95.  
VARIABLE LABELS AutismSev_18 "Parent-rated severity of child's current autism/ASD, age 3-17 years".  
VALUE LABELS AutismSev_18  
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_18(95,99).  
  
COMPUTE ADHDSev_18 = 999.  
IF K2Q31C = 1 ADHDSev_18 = 2.  
IF K2Q31C = 2 or K2Q31C= 3 ADHDSev_18 = 3.  
IF ADHD_18= 1 or ADHD_18 = 2 ADHDSev_18 = 1.  
IF K2Q31A = 99 or K2Q31B = 99 or K2Q31C = 99 ADHDSev_18 = 99.  
IF SC_AGE_YEARS < 3 ADHDSev_18 = 95.  
VARIABLE LABELS ADHDSev_18 "Parent-rated severity of child's current ADD/ADHD, age 3-17 years".  
VALUE LABELS ADHDSev_18  
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_18(95,99).
```

Indicator 1.10	One or more functional difficulties (Diff2more_18)
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: A6a-d,A7a-e; for children 12-17 years: A6a-d, A7a-f Variables in public use data file: BREATHING; COORDINATION; DRESSING; ERRANDALONE; HANDS; MEMORYCOND; PHYSICALPAIN; STOMACH; SWALLOWING; WALKSTAIRS; BLINDNESS; K2Q43B
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who do not have any difficulties; Children with one functional difficulty; Children with two or more functional difficulties
Notes for Data-Users	
This measure was scored as the count of difficulties children experience from a list of 12 functional difficulties. The difficulties are asked about as two different types of questions: (a) During the past 12 months, whether the child had frequent or chronic difficulty with breathing or other respiratory problems; eating or swallowing; digesting food, including stomach/intestinal problems, constipation, or diarrhea; repeated or chronic physical pain, including headaches or other back or body pain; using his/her hands (0-5 years); coordination and moving around (0-5 years); and (b) Whether the child has serious difficulty concentrating, remembering, or making decisions (6-17 years); serious difficulty walking or climbing stairs (6-17 years); difficulty dressing or bathing (6-17 years); difficulty doing errands alone, such as visiting a doctor's office or shopping (12-17 years); deafness or problems with hearing; and blindness or problems with seeing, even when wearing glasses.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE DiffBreath_18 = BREATHING. VARIABLE LABELS DiffBreath_18 "Children who have had frequent or chronic difficulty with breathing or other respiratory problems (such as wheezing or shortness of breath) in the past 12 months". VALUE LABELS DiffBreath_18 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES DiffBreath_18(99). FORMATS DiffBreath_18(f4.0). EXECUTE. COMPUTE DiffSwall_18 = SWALLOWING. VARIABLE LABELS DiffSwall_18 "Children who have had frequent or chronic difficulty with eating or swallowing in the past 12 months". VALUE LABELS DiffSwall_18 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES DiffSwall_18(99). FORMATS DiffSwall_18(f4.0). </pre>	

EXECUTE.

COMPUTE DiffDigest_18 = STOMACH.

VARIABLE LABELS DiffDigest_18 "Children who had frequent or chronic difficulty with digesting food, including stomach/intestinal problems, constipation, or diarrhea in the past 12 months".

VALUE LABELS DiffDigest_18

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES DiffDigest_18(99).

FORMATS DiffDigest_18(f4.0).

EXECUTE.

COMPUTE DiffPain_18 = PHYSICALPAIN.

VARIABLE LABELS DiffPain_18 "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_18

1 "Yes"

2 "No"

99 "Missing".

MISSING VALUES DiffPain_18(99).

FORMATS DiffPain_18(f4.0).

EXECUTE.

COMPUTE DiffHands_18 = HANDS.

IF SC_AGE_YEARS > 5 DiffHands_18 = 90.

VARIABLE LABELS DiffHands_18 "Children who have had frequent or chronic difficulty using their hands in the past 12 months, age 0-5 years".

VALUE LABELS DiffHands_18

1 "Yes"

2 "No"

99 "Missing"

90 "Children age 6-17 years".

MISSING VALUES DiffPain_18(99).

FORMATS DiffPain_18(f4.0).

EXECUTE.

COMPUTE DiffCoor_18 = COORDINATION.

IF SC_AGE_YEARS > 5 DiffCoor_18 = 90.

VARIABLE LABELS DiffCoor_18 "Children who have had frequent or chronic difficulty with coordination or moving around in the past 12 month, age 0-5 years".

VALUE LABELS DiffCoor_18

1 "Yes"

2 "No"

99 "Missing"

90 "Children age 6-17 years".

MISSING VALUES DiffPain_18(99).

FORMATS DiffPain_18(f4.0).

EXECUTE.

COMPUTE DiffMem_18 = MEMORYCOND.

IF SC_AGE_YEARS < 6 DiffMem_18 = 90.

VARIABLE LABELS DiffMem_18 "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_18

1 "Yes"

2 "No"

99 "Missing"

90 "Children age 0-5 years".

MISSING VALUES DiffMem_18(99).

FORMATS DiffMem_18(f4.0).

EXECUTE.

COMPUTE DiffWalk_18 = WALKSTAIRS.

IF SC_AGE_YEARS < 6 DiffWalk_18 = 90.

VARIABLE LABELS DiffWalk_18 "Children who have serious difficulty walking or climbing stairs, age 6-17 years".

VALUE LABELS DiffWalk_18

1 "Yes"

2 "No"

99 "Missing"

90 "Children age 0-5 years".

MISSING VALUES DiffPain_18(99).

FORMATS DiffPain_18(f4.0).

EXECUTE.

COMPUTE DiffDress_18 = DRESSING.

IF SC_AGE_YEARS < 6 DiffDress_18 = 90.

VARIABLE LABELS DiffDress_18 "Children who have difficulty dressing or bathing, age 6-17 years".

VALUE LABELS DiffDress_18

1 "Yes"

2 "No"

99 "Missing"

90 "Children age 0-5 years".

MISSING VALUES DiffDress_18(99).

FORMATS DiffDress_18(f4.0).

EXECUTE.

COMPUTE DiffErrand_18 = ERRANDALONE.

IF SC_AGE_YEARS < 12 DiffErrand_18 = 90.

VARIABLE LABELS DiffErrand_18 "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_18

1 "Yes"

2 "No"

99 "Missing"

90 "Children age 0-11 years".

MISSING VALUES DiffErrand_18(99).

FORMATS DiffErrand_18(f4.0).

EXECUTE.

COMPUTE hearing_18 = K2Q43B.

VARIABLE LABELS hearing_18 "Children who have deafness or problems with hearing".

VALUE LABELS hearing_18

1 "Yes"

2 "No"

```
99 "Missing".
MISSING VALUES hearing_18(99).
FORMATS hearing_18(f4.0).
EXECUTE.

COMPUTE vision_18 = BLINDNESS.
VARIABLE LABELS vision_18 "Children who have blindness or problems with seeing, even when wearing glasses".
VALUE LABELS vision_18
1 "Yes"
2 "No"
99 "Missing".
MISSING VALUES vision_18(99).
FORMATS vision_18(f4.0).
EXECUTE.

MISSING VALUES DiffBreath_18 DiffSwall_18 DiffDigest_18 DiffPain_18 DiffHands_18 DiffCoor_18
DiffMem_18 DiffWalk_18 DiffDress_18 DiffErrand_18 hearing_18 vision_18().

COUNT cntdiff=DiffBreath_18 DiffSwall_18 DiffDigest_18 DiffPain_18 DiffHands_18 DiffCoor_18
DiffMem_18 DiffWalk_18 DiffDress_18 DiffErrand_18 hearing_18 vision_18(1).
IF DiffBreath_18=99 and DiffSwall_18=99 and DiffDigest_18=99 and DiffPain_18=99 and
DiffHands_18>=90 and DiffCoor_18>=90 and DiffMem_18>=90 and
DiffWalk_18>=90 and DiffDress_18>=90 and DiffErrand_18>=90 and hearing_18=99 and vision_18=99
cntdiff=99.
VARIABLE LABELS cntdiff "Number of functional difficulties reported from list of 12 different difficulties
asked in the survey".
```

Indicator 1.11	Children with special health care needs (CSHCN_18)
Description	Does this child have special health care needs (CSHCN) based on the CSHCN Screener?
Survey Items Used	These items are asked among all children in the initial household screener questionnaire. The screener item numbers: 7,8,9,10;11 Variables in public use data file: SC_K2Q10; SC_K2Q11; SC_K2Q12; SC_K2Q13; SC_K2Q14; SC_K2Q15; SC_K2Q16; SC_K2Q17; SC_K2Q18; SC_K2Q19; SC_K2Q20; SC_K2Q21; SC_K2Q22; SC_K2Q23; SC_CSHCN (derived)
Denominator	Children age 0-17 years
Numerator/Response Categories	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>To qualify as having special health care needs, the following criteria must be met: a) the child currently experiences a specific consequence; b) the consequence is due to a medical or other health condition; and c) the duration or expected duration of the condition is 12 months or longer.</p> <p>The first part of each screener question asks whether a child experiences one of five different health consequences:</p> <ol style="list-style-type: none"> 1) Use or need of prescription medication. 2) Above average use or need of medical, mental health or educational services. 3) Functional limitations compared with others of same age. 4) Use or need of specialized therapies (OT, PT, speech, etc.). 5) Treatment or counseling for emotional or developmental problems. <p>The second and third parts of each screener question ask those responding "yes" to the first part of the question whether the consequence is due to any kind of health condition and if so, whether that condition has lasted or is expected to last for at least 12 months.</p> <p>All three parts of at least one screener question (or in the case of question 5, the two parts) must be answered "YES" in order for a child to meet CSHCN Screener criteria for having a special health care need.</p> <p>This instrument has been used in several national surveys including the Promoting Healthy Development Survey, the CAHPS-CCC, the NSCH, the NS-CSHCN, and Medical Expenditure Panel Survey (MEPS). More information about CSHCN and the CSHCN Screener can be obtained on the Child and Adolescent Health Measurement Initiative's website.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	

```
COMPUTE rxmeds_18 = 2.  
IF ((SC_K2Q10 = 1) and (SC_K2Q11 = 1) and (SC_K2Q12 = 1)) rxmeds_18 = 1.  
VARIABLE LABELS rxmeds_18 "Children qualifying on the CSHCN Screener prescription medication criteria".  
VALUE LABELS rxmeds_18  
1 "Meet screening criteria"  
2 "Does not meet screening criteria".  
MISSING VALUES rxmeds_18(99).  
FORMATS rxmeds_18(f4.0).  
EXECUTE .
```

```
COMPUTE serve_18 = 2.  
IF ((SC_K2Q13 = 1) and (SC_K2Q14 = 1) and (SC_K2Q15 = 1)) serve_18 = 1.  
VARIABLE LABELS serve_18 "Children qualifying on the CSHCN Screener for elevated use of services criteria".  
VALUE LABELS serve_18  
1 "Meet screening criteria"  
2 "Does not meet screening criteria".  
MISSING VALUES serve_18(99).  
FORMATS serve_18(f4.0).  
EXECUTE.
```

```
COMPUTE func_18 = 2.  
IF ((SC_K2Q16 = 1) and (SC_K2Q18 = 1) and (SC_K2Q19 = 1)) func_18 = 1.  
VARIABLE LABELS func_18 "Children qualifying on the CSHCN Screener functional limitations criteria".  
VALUE LABELS func_18  
1 "Meet screening criteria"  
2 "Does not meet screening criteria".  
EXECUTE.
```

```
COMPUTE therapy_18 = 2.  
IF ((SC_K2Q19 = 1) and (SC_K2Q20 = 1) and (SC_K2Q21 = 1)) therapy_18 = 1.  
VARIABLE LABELS therapy_18 "Children qualifying on the CSHCN Screener specialized therapy criteria".  
VALUE LABELS therapy_18  
1 "Meet screening criteria"  
2 "Does not meet screening criteria".  
MISSING VALUES therapy_18(99).  
FORMATS therapy_18(f4.0).  
EXECUTE.
```

```
COMPUTE mhealth_18 = 2.  
IF ((SC_K2Q22 = 1) and (SC_K2Q23 = 1)) mhealth_18 = 1.  
VARIABLE LABELS mhealth_18 "Children qualifying on the CSHCN Screener ongoing emotional, developmental or behavioral criteria".  
VALUE LABELS mhealth_18  
1 "Meet screening criteria"  
2 "Does not meet screening criteria".  
MISSING VALUES mhealth_18(99).  
FORMATS mhealth_18(f4.0).  
EXECUTE.
```

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

```
COUNT qualnum_18=rxmeds_18 serve_18 func_18 therapy_18 mhealth_18(1).
VARIABLE LABELS qualnum_18 "Number of qualifying CSHCN Screener answers".
VALUE LABELS qualnum_18
0 "No qualifying answers"
1 "One qualifying answer"
2 "Two qualifying answers"
3 "Three qualifying answers"
4 "Four qualifying answers"
5 "Five qualifying answers".
FORMATS qualnum_18 (f4.0).
EXECUTE.

COMPUTE CSHCN_18 = 999.
IF qualnum_18 = 0 CSHCN_18 = 2.
IF qualnum_18 > 0 CSHCN_18 = 1.
VARIABLE LABELS CSHCN_18 "Indicator 1.11: Children with special health care needs".
VALUE LABELS CSHCN_18
1 "Children with special health care needs (CSHCN)"
2 "Non-CSHCN".
FORMATS CSHCN_18 (f4.0).
EXECUTE.

*** Number of CSHCN Screener criteria CSHCN met

RECODE qualnum_18
(4 thru 5=4) (else=copy) into qualnum4_18.
VARIABLE LABELS qualnum4_18 "CSHCN who qualify on 1 or more of the 5 CSHCN Screener criteria".
VALUE LABELS qualnum4_18
1 "Qualified on 1 screener criteria"
2 "Qualified on 2 screener criteria"
3 "Qualified on 3 screener criteria"
4 "Qualified on 4 or 5 screener criteria"
0 "Non-CSHCN".
MISSING VALUES qualnum4_18(0).
EXECUTE.

***Types of special health care need

COMPUTE CSHCNtype_18 = 0.
IF ((func_18 = 1)) and ((serve_18 = 1) or (therapy_18 = 1) or (rxmeds_18 = 1) or (mhealth_18 = 1))
CSHCNtype_18 = 1.
IF ((func_18 = 1)) and ((serve_18 = 2) or (therapy_18 = 2) or (rxmeds_18 = 2) or (mhealth_18 = 2))
CSHCNtype_18 = 1.
IF ((func_18 = 2) and ((rxmeds_18 = 1)) and ((serve_18 = 2) or (therapy_18 = 2) or (mhealth_18 = 2)))
CSHCNtype_18 = 2.
IF ((func_18 = 2) and ((rxmeds_18 = 2)) and ((serve_18 = 1) or (therapy_18 = 1) or (mhealth_18 = 1)))
CSHCNtype_18 = 3.
IF ((func_18 = 2) and ((rxmeds_18 = 1)) and ((serve_18 = 1) or (therapy_18 = 1) or (mhealth_18 = 1)))
CSHCNtype_18 = 4.
VARIABLE LABELS CSHCNtype_18 "Children with specific types of special health care needs based on
CSHCN screening criteria".
VALUE LABELS CSHCNtype_18
0 "Non-CSHCN (no qualifying health needs on CSHCN Screener)"
```

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

1 "CSHCN - Functional limitations (alone or in combination with other qualifying needs)"
2 "CSHCN - Prescription medication only (no other qualifying needs on CSHCN Screener)"
3 "CSHCN – Above-routine use of services or use of specialized services (no other qualifying needs on CSHCN Screener)"
4 "CSHCN - Prescription medication AND above-routine use of services".
FORMATS CSHCНtype_18 (f4.0).
EXECUTE.

***Complexity of special health care needs

RECODE CSHCНtype_18 (0=3) (1=1) (2=2) (3=1) (4=1) into CSHCНComplex_18.
VARIABLE LABELS CSHCНComplex_18 "Complexity of health care needs".
VALUE LABELS CSHCНComplex_18
3 "Non-CSHCN"
2 "CSHCN with less complex health needs"
1 "CSHCN with more complex health needs".
FORMATS CSHCНComplex_18(f4.0).

RECODE CSHCНtype_18 (0=3) (1=1) (2=2) (3=1) (4=1) into CSHCНComplex2_18.
VARIABLE LABELS CSHCНComplex2_18 "Complexity of health care needs".
VALUE LABELS CSHCНComplex2_18
3 "Non-CSHCN"
2 "CSHCN with less complex health needs"
1 "CSHCN with more complex health needs".
FORMATS CSHCНComplex2_18(f4.0).
MISSING VALUES CSHCНComplex2_18(3).

*** CSHCN with ongoing emotional, developmental, or behavioral needs and other special health care needs

COMPUTE mhneeds_18 = 999.
IF (CSHCN_18 = 2) mhneeds_18 = 3.
IF (CSHCN_18 = 1 and mhealth_18 = 2) mhneeds_18 = 2.
IF (CSHCN_18 = 1 and mhealth_18 = 1) mhneeds_18 = 1.
VARIABLE LABELS mhneeds_18 "CSHCN with and without ongoing emotional, developmental and/or behavioral health special needs ".
VALUE LABELS mhneeds_18
1 "CSHCN qualifying on mhealth (Q5 + any)"
2 "CSHCN not qualifying on mhealth (no Q5)"
3 "Non-CSHCN".
FORMATS mhneeds_18 (f4.0).

Indicator 1.12	Effect of conditions on daily activities (DailyAct_18)
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/Response Categories	Daily activities consistently affected, often a great deal; Daily activities moderately affected some of the time; Daily activities never affected
Notes for Data-Users	
This indicator combines the concepts of "how often" and "how much" children's conditions affect their daily activities. For example: a child may have asthma attacks only rarely, however, when such attacks occur they may greatly affect the child's abilities to do daily activities. Children whose conditions "consistently, and often greatly, affect their daily activities" are those with responses of "Usually or Always" on A36 (0-5 years) or A37 (6-17 years) AND/OR a response of "A great deal" on A37 (0-5 years) or A38 (6-17 years). Valid responses on both items are required.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE DailyAct_18 = 999. IF HCABILITY = 1 DailyAct_18 = 0. IF HCABILITY = 2 DailyAct_18 = 1. IF HCABILITY = 3 or (HCEXTENT = 1 or HCEXTENT = 2) DailyAct_18 = 2. IF HCABILITY = 4 or HCABILITY=5 DailyAct_18 = 3. IF HCEXTENT = 3 DailyAct_18 = 3. IF HCABILITY=99 and HCEXTENT=99 DailyAct_18 = 99. VARIABLE LABELS DailyAct_18 "Indicator 1.12: Children whose health conditions consistently and often greatly affect their daily activites during the past 2 months among children who have any condition". VALUE LABELS DailyAct_18 0 "Do not have any health conditions" 1 "Daily activities never affected" 2 "Daily activities moderately affected some of time" 3 "Daily activities consistently affected, often a great deal" 99 "Missing to both items". MISSING VALUES DailyAct_18(0,99). EXECUTE. </pre>	

Indicator 2.1	Bullied others, age 6-17 years (bully_18)
Description	During the past 12 months, how often did this child bully others, pick on them, or exclude them, age 6-17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: A5; for children 12-17 years: A5 Variable in public use data file: BULLY
Denominator	Children age 6-17 years
Numerator/Responsible Categories	Children who never bullied others during the past 12 months; Children who bullied others 1-2 times during the past 12 months; Children who bullied others 1-2 times per month during the past 12 months; Children who bullied others 1-2 times per week during the past 12 months; Children who bullied others almost every day during the past 12 months
Notes for Data-Users	
This survey question asked, "During the past 12 months, how often did this child bully others, pick on them, or exclude them?". This question is asked for children between 6 and 17 years of age.	
Revisions and Changes	
In 2018, the survey question and timeframe changed to ask about frequency of occurrence during the past 12 months (how often) rather than degree of accuracy of the statement (how true). Response options were revised to give five frequency options: never (in the past 12 months), 1-2 times (in the past 12 months), 1-2 times per month, 1-2 times per week, or almost every day. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE bully_18 = BULLY. IF SC_AGE_YEARS < 6 bully_18 = 90. VARIABLE LABELS bully_18 "Indicator 2.1: Children who bullied others, picked on them or excluded them during the past 12 months, age 6-17 years". VALUE LABELS bully_18 1 "Never (in the past 12 months)" 2 "1-2 times (in the past 12 months)" 3 "1-2 times per month" 4 "1-2 times per week" 5 "Almost every day" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES bully_18(90,99). EXECUTE. </pre>	

Indicator 2.2	Bullied, age 6-17 years (bullied_18)
Description	During the past 12 months, how often was this child bullied, picked on, or excluded by other children, age 6-17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: A4; for children 12-17 years: A4 Variable in public use data file: BULLIED_R
Denominator	Children age 6-17 years
Numerator/Response Categories	Children who were never bullied during the past 12 months; Children who were bullied 1-2 times during the past 12 months; Children who were bullied 1-2 times per month during the past 12 months; Children who were bullied 1-2 times per week during the past 12 months; Children who were bullied almost every day during the past 12 months
Notes for Data-Users	
This survey question asked, "During the past 12 months, how often was this child bullied, picked on, or excluded by other children?".	
This question is asked for children between 6 and 17 years of age.	
Revisions and Changes	
In 2018, the survey question and timeframe changed to ask about frequency of occurrence during the past 12 months (how often) rather than degree of accuracy of the statement (how true). Response options were revised to give five frequency options: never (in the past 12 months), 1-2 times (in the past 12 months), 1-2 times per month, 1-2 times per week, or almost every day. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> RECODE BULLIED_R (else=copy) (99=99) into bullied_18. IF SC_AGE_YEARS < 6 bullied_18 = 90. VARIABLE LABELS bullied_18 "Indicator 2.2: Children who are bullied, picked on, or excluded by other children, age 6-17 years". VALUE LABELS bullied_18 1 "Never (in the past 12 months)" 2 "1-2 times (in the past 12 months)" 3 "1-2 times per month" 4 "1-2 times per week" 5 "Almost every day" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES bullied_18(90,99). EXECUTE. </pre>	

Indicator 2.3	Flourishing for young children, age 6 months-5 years (flrish0to5_18)
Description	Is this young child flourishing, age 6 months-5 years?
Survey Items Used	Survey instrument item number for children 0-5 years: A3a-d; for children 6-11 years: A3a; for children 12-17 years: A3a Variables in public use data file: K6Q70_R; K6Q71_R; K6Q72_R; K6Q73_R
Denominator	Children age 6 months-5 years
Numerator/Response Categories	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>For children age 0-5 years, four questions were asked that aimed to capture curiosity and discovery about learning, resilience, attachment with parent, and contentment with life. The survey questions asked, "How often: (1) is this child affectionate and tender, (2) does this child bounce back quickly when things do not go his/her way, (3) does this child show interest and curiosity in learning new things, and (4) does this child smile and laugh?". The "Always" or "Usually" responses to the question indicate the child meets the flourishing item criteria.</p> <p>Questions were developed based on a review of positive health indicators by a Technical Expert Panel (TEP). This TEP includes a representative group of experts in the field of survey methodology, children's health, community organizations, and family leaders. Additionally, there was a public comment period which yielded more interest in this concept.</p>	
Revisions and Changes	
<p>In 2018, the survey questions changed "How true..." to "How often..." with a corresponding change in the response options to: Always, Usually, Sometimes, Never. For more information about the changes, click here.</p>	
SPSS Syntax and Annotation	
<pre> RECODE K6Q70_R (else=copy) (99=99) into tender_18. IF SC_AGE_YEARS > 5 tender_18 = 90. IF SC_AGE_LT6 = 1 tender_18 = 95. VARIABLE LABELS tender_18 "Children are affectionate and tender with parent, age 6 months-5 years". VALUE LABELS tender_18 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Never" 90 "Children age 6-17 years" 95 "Children age <6 months" 99 "Missing". MISSING VALUES tender_18(90,95,99). EXECUTE. RECODE K6Q73_R (else=copy) (99=99) into resil0to5_18. IF SC_AGE_YEARS > 5 resil0to5_18 = 90. IF SC_AGE_LT6 = 1 resil0to5_18 = 95. </pre>	

```
VARIABLE LABELS resil0to5_18 "Children who bounce back quickly when things don't go his/her way, age 6 months-5 years".
VALUE LABELS resil0to5_18
1 "Always"
2 "Usually"
3 "Sometimes"
4 "Never"
90 "Children age 6-17 years"
95 "Children age <6 months"
99 "Missing".
MISSING VALUES resil0to5_18(90,95,99).
EXECUTE.
```

```
RECODE K6Q71_R
(else=copy) (99=99) into curious0to5_18.
IF SC_AGE_YEARS > 5 curious0to5_18 = 90.
IF SC_AGE_LT6 = 1 curious0to5_18 = 95.
VARIABLE LABELS curious0to5_18 "Children who show interest and curiosity in learning new things, age 6 months-5 years".
VALUE LABELS curious0to5_18
1 "Always"
2 "Usually"
3 "Sometimes"
4 "Never"
90 "Children age 6-17 years"
95 "Children age <6 months"
99 "Missing".
MISSING VALUES curious0to5_18(90,99).
EXECUTE.
```

```
RECODE K6Q72_R
(else=copy) (99=99) into smile_18.
IF SC_AGE_YEARS > 5 smile_18 = 90.
IF SC_AGE_LT6 = 1 smile_18 = 95.
VARIABLE LABELS smile_18 "Children who smile and laugh, age 6 months-5 years".
VALUE LABELS smile_18
1 "Always"
2 "Usually"
3 "Sometimes"
4 "Never"
90 "Children age 6-17 years"
95 "Children age <6 months"
99 "Missing".
MISSING VALUES smile_18(90,99).
EXECUTE.
```

MISSING VALUES tender_18 resil0to5_18 curious0to5_18 smile_18().

```
COUNT flrsh0to5ct=tender_18 resil0to5_18 curious0to5_18 smile_18(1,2).
IF tender_18=99 and resil0to5_18=99 and curious0to5_18=99 and smile_18=99 flrsh0to5ct=99.
IF SC_AGE_LT6 = 1 flrsh0to5ct = 95.
IF SC_AGE_YEARS > 5 flrsh0to5ct=90.
VARIABLE LABELS flrsh0to5ct "Count of always/usually responses to flourishing items, age 6 months-5
```

years".

VALUE LABELS flrsh0to5ct

90 "Children age 6-17 years"

95 "Children age <6 months"

99 "Missing to all 4 items".

RECODE flrsh0to5ct (0 thru 2 = 1) (3=2) (4=3) (else=copy) into flrish0to5_18.

VARIABLE LABELS flrish0to5_18 "Indicator 2.3: Flourishing for young children, age 6 months-5 years".

VALUE LABELS flrish0to5_18

1 "Meets 0-2 flourishing items"

2 "Meets 3 flourishing items"

3 "Meets all 4 flourishing items"

90 "Children age 6-17 years"

95 "Children age <6 months"

99 "Missing to all 4 items".

MISSING VALUES flrish0to5_18(90,95,99).

EXECUTE.

Indicator 2.4	Flourishing for children and adolescents, age 6-17 years (flrish6to17_18)
Description	Is this child or adolescent flourishing, age 6-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: A3c; children 6-11 years: A3a-c; for children 12-17 years: A3a-c Variables in public use data file: K6Q71_R; K7Q84_R; K7Q85_R
Denominator	Children age 6-17 years
Numerator/Response Categories	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>For children age 6-17 years, three questions were asked that aimed to capture curiosity and discovery about learning, resilience, and self-regulation. The survey question asked, "How often does this child: (1) show interest and curiosity in learning new things, (2) work to finish tasks he or she starts, and (3) stay calm and in control when faced with a challenge." The "Always" or "Usually" responses to the question indicate the child meets the flourishing item criteria.</p> <p>Questions were developed based on a review of positive health indicators by a Technical Expert Panel (TEP). This TEP includes a representative group of experts in the field of survey methodology, children's health, community organizations, and family leaders. Additionally, there was a public comment period which yielded more interest in this concept.</p>	
Revisions and Changes	
<p>In 2018, the survey question changed "How true..." to "How often..." with a corresponding change in the response options to: Always, Usually, Sometimes, Never. For more information about the changes, click here.</p>	
SPSS Syntax and Annotation	
<pre> RECODE K6Q71_R (else=copy) (99=99) into curious6to17_18. IF SC_AGE_YEARS < 6 curious6to17_18=90. VARIABLE LABELS curious6to17_18 "Children who show interest and curiosity in learning new things, age 6-17 years". VALUE LABELS curious6to17_18 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Never" 90 "Children age 0-5 years" 99 "Missing". MISSING VALUES curious6to17_18(90,99). EXECUTE. RECODE K7Q84_R (else=copy) (99=99) into finishes_18. IF SC_AGE_YEARS < 6 finishes_18=90. VARIABLE LABELS finishes_18 "Children who work to finish the tasks they start, age 6-17 years". VALUE LABELS finishes_18 1 "Always" </pre>	

```

2 "Usually"
3 "Sometimes"
4 "Never"
90 "Children age 0-5 years"
99 "Missing".
MISSING VALUES finishes_18(90,99).
EXECUTE.

RECODE K7Q85_R
(else=copy) (9=99) into resil6to17_18.
IF SC_AGE_YEARS < 6 resil6to17_18=90.
VARIABLE LABELS resil6to17_18 "Children who stay calm and in control when faced with a challenge,
age 6-17 years".
VALUE LABELS resil6to17_18
1 "Always"
2 "Usually"
3 "Sometimes"
4 "Never"
90 "Children age 0-5 years"
99 "Missing".
MISSING VALUES resil6to17_18(90,99).
EXECUTE.

MISSING VALUES finishes_18 resil6to17_18 curious6to17_18().

COUNT flrsh6to17ct = finishes_18 resil6to17_18 curious6to17_18 (1,2).
IF finishes_18=99 and resil6to17_18=99 and curious6to17_18=99 flrsh6to17ct=99.
IF SC_AGE_YEARS < 6 flrsh6to17ct=90.
VARIABLE LABELS flrsh6to17ct "Count of always/usually responses to flourishing Items, age 6-17 years".
VALUE LABELS flrsh6to17ct
90 "Children age 0-5 years"
99 "Missing to all 3 items".
EXECUTE.

RECODE flrsh6to17ct (0 thru 1 = 1) (2=2) (3=3) (else=copy) into flrish6to17_18.
VARIABLE LABELS flrish6to17_18 "Indicator 2.4: Flourishing for children and adolescents, age 6-17
years".
VALUE LABELS flrish6to17_18
1 "Always/usually response to 0-1 items"
2 "Always/usually response to 2 items"
3 "Always/usually response to all 3 items"
90 "Children age 0-5 years"
99 "Missing to all 3 items".
MISSING VALUES flrish6to17_18 (90,99).
EXECUTE.

```

Indicator 2.5	Argue too much, age 6-17 years (argue_18)
Description	How often does this child argue too much, age 6-17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: A3f; for children 12-17 years: A3f Variable in public use data file: K7Q70_R
Denominator	Children age 6-17 years
Numerator/Response Categories	Children who always argue too much; Children who usually argue too much; Children who sometimes argue too much; Children who never argue too much
Notes for Data-Users	
The survey question asked, "How often does this child argue too much?" This question is asked for children between 6 and 17 years of age.	
Revisions in 2016	
In 2018, the survey question changed "How true..." to "How often..." with a corresponding change in the response options to: Always, Usually, Sometimes, Never. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE argue_18 = K7Q70_R. IF SC_AGE_YEARS < 6 argue_18 = 90. VARIABLE LABELS argue_18 "Indicator 2.5: Children who argue too much, age 6-17 years". VALUE LABELS argue_18 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Never" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES argue_18(90,99). FORMATS argue_18(f2.0). EXECUTE. </pre>	

Indicator 2.6	Making and keeping friends, age 6-17 years (MakeFriend_18)
Description	Compared to other children his or her age, how much difficulty does this child have making or keeping friends, age 6-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: G23; for children 6-11 years: G7; for children 12-17 years: G7 Variable in public use data file: MAKEFRIEND
Denominator	Children age 6-17 years
Numerator/Response Categories	Children who have no difficulty making or keeping friends; Children who have a little difficulty making or keeping friends; Children who have a lot of 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 and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE MakeFriend_18 = MAKEFRIEND. IF SC_AGE_YEARS < 6 MakeFriend_18 = 90. VARIABLE LABELS MakeFriend_18 "Indicator 2.6: Difficulties making and keeping friends, age 6-17 years". VALUE LABELS MakeFriend_18 1 "No difficulty" 2 "A little difficulty" 3 "A lot of difficulty" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES MakeFriend_18(90,99). FORMATS MakeFriend_18(f2.0). EXECUTE. </pre>	

Indicator 2.7	Prevalence of ADD/ADHD, age 3-17 years (ADHDind_18)
Description	Does this child currently have Attention Deficit Disorder (ADD) or Attention-Deficit/Hyperactivity Disorder (ADHD), age 3-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: A33; for children 6-11 years: A34; for children 12-17 years: A34 Variables in public use data file: K2Q31A; K2Q31B
Denominator	Children age 3-17 years
Numerator/Response Categories	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>A response of "Yes" to having "ever been told" that a child has a specific health condition does not indicate whether the child currently has that particular condition and therefore should not be interpreted as current prevalence.</p> <p>The 2018 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> <p>All information about children's health conditions from the 2018 NSCH is based on parent recollection and is not independently verified.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE ADHDind_18= 999. IF K2Q31A = 2 ADHDind_18= 1. IF K2Q31A = 1 and K2Q31B = 2 ADHDind_18= 2. IF K2Q31A = 1 and K2Q31B = 1 ADHDind_18= 3. IF K2Q31A=99 or K2Q31B=99 ADHDind_18= 99. IF SC_AGE_YEARS < 3 ADHDind_18= 95. VARIABLE LABELS ADHDind_18 "Indicator 2.7: Children who currently have Attention Deficit Disorder (ADD) or Attention-Deficit Hyperactivity Disorder (ADHD), age 3-17 years". VALUE LABELS ADHDind_18 1 "Do not currently 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_18(95,99). FORMATS ADHDind_18(f2.0). EXECUTE. </pre>	

Indicator 2.7a	Parent-rated severity of ADD/ADHD, age 3-17 years (ADHDSevInd_18)
Description	Would you describe this child's current Attention Deficit Disorder (ADD) or Attention-Deficit/Hyperactivity Disorder (ADHD) as mild, moderate or severe, age 3-17 years?
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 Variables in public use data file: K2Q31A; K2Q31B; K2Q31C
Denominator	Children age 3-17 years
Numerator/Response Categories	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	
The 2018 NSCH asked this question among all children, including children <3 years old. However, the denominator of this measure is children ages 3-17 years. All information about children's health conditions from the 2018 NSCH is based on parent recollection and is not independently verified.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE ADHDSevInd_18 = 999. IF K2Q31C = 1 ADHDSevInd_18 = 2. IF K2Q31C = 2 or K2Q31C= 3 ADHDSevInd_18 = 3. IF ADHD_18= 1 or ADHD_18 = 2 ADHDSevInd_18 = 1. IF K2Q31A = 99 or K2Q31B = 99 or K2Q31C = 99 ADHDSevInd_18 = 99. IF SC_AGE_YEARS < 3 ADHDSevInd_18 = 95. VARIABLE LABELS ADHDSevInd_18 "Indicator 2.7a: Parent-rated severity of current ADD/ADHD, age 3-17 years". VALUE LABELS ADHDSevInd_18 1 "Do not currently have ADHD" 2 "Current ADHD, rated mild" 3 "Current ADHD, rated moderate or severe" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES ADHDSevInd_18(95,99). FORMATS ADHDSevInd_18(f2.0). EXECUTE. </pre>	

Indicator 2.7b	Medication for ADD/ADHD, age 3-17 years (ADHDMed_18)
Description	Is this child currently taking medication for ADD or ADHD, age 3-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: A33,A34; for children 6-11 years: A34,A35; for children 12-17 years: A34,A35 Variables in public use data file: K2Q31A; K2Q31B; K2Q31D
Denominator	Children age 3-17 years
Numerator/Response Categories	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 (1) whether they were ever told by a health care provider that their child had ADD or ADHD; (2) whether the child currently has ADD or ADHD; and (3) whether the child is currently taking medication for ADD or ADHD. The second and third questions were asked only if the response to the first question was "Yes".</p> <p>The 2018 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> <p>All information about children's health conditions from the 2018 NSCH is based on parent recollection and is not independently verified.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE ADHDMed_18 = 999. IF K2Q31D = 1 ADHDMed_18 = 1. IF K2Q31D = 2 ADHDMed_18 = 2. IF K2Q31A=99 or K2Q31B=99 or K2Q31D=99 ADHDMed_18 = 99. IF K2Q31A = 2 or (K2Q31A = 1 and K2Q31B = 2) ADHDMed_18 = 3. IF SC_AGE_YEARS < 3 ADHDMed_18 = 95. VARIABLE LABELS ADHDMed_18 "Indicator 2.7b: Children currently taking medication for ADD or ADHD, age 3-17 years". VALUE LABELS ADHDMed_18 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_18(95,99). EXECUTE. </pre>	

Indicator 2.7c	Received behavioral treatment for ADD/ADHD, age 3-17 years (ADHDBehTreat_18)
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, age 3-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: A33,A35; for children 6-11 years: A34,A36; for children 12-17 years: A34,A36 Variable in public use data file: K2Q31A; K2Q31B; ADDTREAT
Denominator	Children age 3-17 years
Numerator/Responsible Categories	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	
<p>This measure is based on three questions which asked parents (1) whether they were ever told by a health care provider that their child had ADD or ADHD; (2) whether the child currently has ADD or ADHD; and (3) whether the child received behavioral treatment for ADD or ADHD. The second and third questions were asked only if the response to the first question was "Yes".</p> <p>The 2018 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> <p>All information about children's health conditions from the 2018 NSCH is based on parent recollection and is not independently verified.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE ADHDBehTreat_18 = 999. IF ADDTREAT = 1 ADHDBehTreat_18 = 1. IF ADDTREAT = 2 ADHDBehTreat_18 = 2. IF K2Q31A=99 or K2Q31B=99 or ADDTREAT=99 ADHDBehTreat_18 = 99. IF K2Q31A = 2 or (K2Q31A = 1 and K2Q31B = 2) ADHDBehTreat_18 = 3. IF SC_AGE_YEARS < 3 ADHDBehTreat_18 = 95. VARIABLE LABELS ADHDBehTreat_18 "Indicator 2.7c: Received behavioral treatment for ADD/ADHD, age 3-17 years". VALUE LABELS ADHDBehTreat_18 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_18(95,99). EXECUTE. </pre>	

Indicator 2.8	Prevalence of autism/ASD, age 3-17 years (AutismInd_18)
Description	Does this child currently have Autism or Autism Spectrum Disorder (ASD) including Asperger's Disorder, Pervasive Developmental Disorder, age 3-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: A28; for children 6-11 years: A29; for children 12-17 years: A29 Variables in public use data file: K2Q35A; K2Q35B
Denominator	Children age 3-17 years
Numerator/Responsible Categories	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	
<p>A response of "Yes" to having "ever been told" that a child has a specific health condition does not indicate whether the child currently has that particular condition and therefore should not be interpreted as current prevalence.</p> <p>The 2018 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> <p>All information about children's health conditions from the 2018 NSCH is based on parent recollection and is not independently verified.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE AutismInd_18 = 999. IF K2Q35A = 2 AutismInd_18 = 1. IF K2Q35A = 1 and K2Q35B = 2 AutismInd_18 = 2. IF K2Q35A = 1 and K2Q35B = 1 AutismInd_18 = 3. IF K2Q35A=99 or K2Q35B=99 AutismInd_18 = 99. IF SC_AGE_YEARS < 3 AutismInd_18 = 95. VARIABLE LABELS AutismInd_18 "Indicator 2.8: Children who currently have Autism or Autism Spectrum Disorder including Asperger's Disorder, pervasive developmental disorder, age 3-17 years". VALUE LABELS AutismInd_18 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_18(95,99). FORMATS AutismInd_18(f2.0). EXECUTE. </pre>	

Indicator 2.8a	Parent-rated severity of autism/ASD, age 3-17 years (ASDSelInd_18)
Description	Would you describe this child's current Autism or Autism Spectrum Disorder as mild, moderate or severe, age 3-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: A28; for children 6-11 years: A29; for children 12-17 years: A29 Variables in public use data file: K2Q35A; K2Q35B; K2Q35C
Denominator	Children age 3-17 years
Numerator/Response Categories	Children who do not currently have Autism or Autism Spectrum Disorder; Children with mild current Autism or Autism Spectrum Disorder; Children with moderate current autism; Children with severe current Autism or Autism Spectrum Disorder
Notes for Data-Users	
The 2018 NSCH asked this question among all children, including children <3 years old. However, the denominator of this measure is children ages 3-17 years.	
All information about children's health conditions from the 2018 NSCH is based on parent recollection and is not independently verified.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE ASDSelInd_18 = 999. IF K2Q35C = 1 ASDSelInd_18 = 2. IF K2Q35C = 2 or K2Q35C =3 ASDSelInd_18 = 3. IF autism_18= 1 or autism_18 = 2 ASDSelInd_18 = 1. IF K2Q35A = 99 or K2Q35B = 99 or K2Q35C = 99 ASDSelInd_18 = 99. IF SC_AGE_YEARS < 3 ASDSelInd_18 = 95. VARIABLE LABELS ASDSelInd_18 "Indicator 2.8a: Parent-rated severity of current Autism or Autism Spectrum Disorder, age 3-17 years". VALUE LABELS ASDSelInd_18 1 "Do not currently have autism or ASD" 2 "Current autism or ASD, rated mild" 3 "Current autism or ASD, rated moderate or severe" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES ASDSelInd_18(95,99). FORMATS ASDSelInd_18(f2.0). EXECUTE. </pre>	

Indicator 2.8b	Medication for autism/ASD, age 3-17 years (ASDMed_18)
Description	Is this child currently taking medication for Autism, Autism Spectrum Disorder, age 3-17 years?
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: K2Q35A; K2Q35B: AUTISMMED
Denominator	Children age 3-17 years
Numerator/Response Categories	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

This measure was based on three questions which asked parents (1) whether they were ever told by a provider that their child had autism/ASD; (2) whether the child currently has autism/ASD; and (3) whether the child is currently taking medication for autism/ASD. The second and third questions were asked only if the response to the first question was "Yes".

These questions were asked among all children, including children <3 years old. However, the denominator of this measure is children ages 3-17 years.

All information about children's health conditions from the 2018 NSCH is based on parent recollection and is not independently verified.

Revisions and Changes

This measure did not change from the 2017 NSCH, therefore the results may be compared.

SPSS Syntax and Annotation

```

COMPUTE ASDMed_18= 999.
IF AUTISMMED = 1 ASDMed_18 = 1.
IF AUTISMMED = 2 ASDMed_18 = 2.
IF K2Q35B = 99 or K2Q35A = 99 or AUTISMMED = 99 ASDMed_18 = 99.
IF K2Q35A = 2 or (K2Q35A = 1 and K2Q35B = 2) ASDMed_18 = 3.
IF SC_AGE_YEARS < 3 ASDMed_18 = 95.
VARIABLE LABELS ASDMed_18 "Indicator 2.8b: Children currently taking medication for Autism, ASD, Asperger's Disorder or PDD, age 3-17 years".
VALUE LABELS ASDMed_18
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 ASDMed_18(95,99).
EXECUTE.

```

Indicator 2.8c	Received behavioral treatment for autism/ASD, age 3-17 years (ASDBehTreat_18)
Description	At any time during the past 12 months, did this child receive behavioral treatment for Autism, Autism Spectrum Disorder, Asperger's Disorder or Pervasive Developmental Disorder, such as training or an intervention that you or this child received to help with his or her behavior, age 3-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: A32; for children 6-11 years: A33; for children 12-17 years: A33 Variables in public use data file: K2Q35A; K2Q35B: AUTISMTRT
Denominator	Children age 3-17 years
Numerator/Response Categories	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 (1) whether they were ever told by a provider that their child had autism/ASD; (2) whether the child currently has autism/ASD; and (3) whether the child received behavioral treatment for autism/ ASD. The second and third questions were asked only if the response to the first question was "Yes".</p> <p>These questions were asked among all children, including children <3 years old. However, the denominator of this measure is children ages 3-17 years.</p> <p>All information about children's health conditions from the 2018 NSCH is based on parent recollection and is not independently verified.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE ASDBehTreat_18 = 999. IF AUTISMTRT = 1 ASDBehTreat_18 = 1. IF AUTISMTRT = 2 ASDBehTreat_18 = 2. IF K2Q35B = 99 or K2Q35A = 99 or AUTISMTRT = 99 ASDBehTreat_18 = 99. IF K2Q35A = 2 or (K2Q35A = 1 and K2Q35B = 2) ASDBehTreat_18 = 3. IF SC_AGE_YEARS < 3 ASDBehTreat_18 = 95. VARIABLE LABELS ASDBehTreat_18 "Indicator 2.8c: Received behavioral treatment for Autsim, ASD, Asperger's Disorder or PDD, age 3-17 years". VALUE LABELS ASDBehTreat_18 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_18(95,99). EXECUTE. </pre>	

Indicator 2.8d	Age of diagnosis for autism/ASD, age 3-17 years (ASDAge_18)
Description	How old was this child when a doctor or other health care provider first told you that he or she had Autism, Autism Spectrum Disorder, Asperger's Disorder or Pervasive Developmental Disorder?
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; K2Q35A_1_YEARS
Denominator	Children age 3-17 years who have been diagnosed with autism/ASD
Numerator/Response Categories	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 health conditions from the 2018 NSCH is based on parent recollection and is not independently verified.	
Revisions in 2016	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE K2Q35A_1_YEARS (0 thru 2 =1) (3 thru 5=2) (6 thru 17=3) (99=999) (else=copy) into ASDAge_18. IF K2Q35A = 2 ASDAge_18 = 998. IF SC_AGE_YEARS < 3 ASDAge_18 = 995. VARIABLE LABELS ASDAge_18 "Indicator 2.8d: Age of diagnosis for Autism or ASD, age 3-17 years". VALUE LABELS ASDAge_18 1 "Diagnosed at younger than 3 years of age" 2 "Diagnosed at 3-5 years of age" 3 "Diagnosed at older than 5 years of age" 998 "Never told that child has autism/ASD" 999 "Don't know/Missing" 995 "Children age 0-2 year". MISSING VALUES ASDAge_18(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 (ASDDrType_18)
Description	What type of doctor or other health care provider was the first to tell you that this child had Autism, Autism Spectrum Disorder, Asperger's Disorder or Pervasive Developmental Disorder, age 3-17 years?
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 Variables in public use data file: K2Q35A; K2Q35D
Denominator	Children age 3-17 years who have been diagnosed with autism/ASD
Numerator/Response Categories	Primary care provider; Specialist; Psychologist/Counselor (school or non-school); Psychiatrist; Other health care provider
Notes for Data-Users	
All information about children's health conditions from the 2018 NSCH is based on parent recollection and not independently verified.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE K2Q35D (1=1) (2=2) (3 thru 4=3) (5=4) (6=5) (7=99) (else=copy) into ASDDrType_18. IF K2Q35D=99 ASDDrType_18 = 99. IF K2Q35D = 7 ASDDrType_18 = 99. IF K2Q35A = 2 ASDDrType_18 = 96. IF SC_AGE_YEARS < 3 ASDDrType_18 = 95. VARIABLE LABELS ASDDrType_18 "Indicator 2.8e: Type of doctor or other health care provider who was the first to tell that this child had Autism, ASD, difficulties with emotions, concentration, or behavior, age 3- 17 years". VALUE LABELS ASDDrType_18 1 "Primary Care Provider" 2 "Specialist" 3 "Psychologist/Counselor (school or non-school)" 4 "Psychiatrist" 5 "Other health care provider" 96 "Never told that child has ASD" 99 "Don't Know/Missing" 95 "Children age 0-2 year". MISSING VALUES ASDDrType_18(95,96,99). EXECUTE. </pre>	

Indicator 2.9	Medication for ADD/ADHD, ASD, or difficulties with emotions, concentration, or behavior, age 3-17 years (MedEmotion_18)
Description	Is this child taking medication for ADD/ADHD, autism/ASD, or difficulties with emotions, concentration, or behavior, age 3-17 years?
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 Variables in public use data file: AUTISMMED; K2Q31D; K4Q23
Denominator	Children age 3-17 years
Numerator/Response Categories	Children who are not taking medication for emotions/concentration/behavior; Children who are currently taking medication for emotions/concentration/behavior (including ASD and ADD/ADHD)
Notes for Data-Users	
<p>This measure combines responses to three questions: whether children with current ASD are using medication, whether children with current ADD/ADHD are using medication, and whether children not on medication for ASD or ADD/ADHD have taken medication for other emotional/behavioral/concentration issues during the past 12 months. A "Yes" to any of these questions qualifies.</p> <p>All information about children's health conditions from the 2018 NSCH is based on parent recollection and is not independently verified.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE MedEmotion_18 = 999. IF K4Q23 = 99 MedEmotion_18 = 99. IF K4Q23 = 2 MedEmotion_18 = 2. IF K4Q23 = 1 MedEmotion_18 = 1. IF K2Q31D = 1 MedEmotion_18 = 1. IF AUTISMMED = 1 MedEmotion_18 = 1. IF SC_AGE_YEARS < 3 MedEmotion_18 = 90. VARIABLE LABELS MedEmotion_18 "Indicator 2.9: Children who are taking medication for ADD/ADHD, ASD, difficulties with emotions, concentration, or behavior, age 3-17 years". VALUE LABELS MedEmotion_18 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 0-2 years". MISSING VALUES MedEmotion_18(90,99). FORMATS MedEmotion_18(f2.0). EXECUTE. </pre>	

Indicator 2.10	Mental, emotional, developmental or behavioral problems (MEDB10ScrQ5_18)
Description	Does this child have current mental, emotional, developmental or behavioral (MEDB) conditions from a list of 27 conditions, or from the CSHCN Screener item on ongoing emotional, development or behavioral problems?
Survey Items Used	Survey instrument item numbers for children 0-5 years: A15-A17, A22-26, A28, A32; for children 6-11 years: A17-A19, A26-29, A31, A36; for children 12-17 years: A17-A19, A25-29, A31, A35; The screener item numbers: 11 for all children Variables in public use data file: K2Q38A; K2Q38B; K2Q33A; K2Q33B; K2Q32A; K2Q32B; K2Q34A; K2Q34B; K2Q36A; K2Q36B; K2Q60A; K2Q60B; K2Q37A; K2Q37B; K2Q30A; K2Q30B; K2Q35A; K2Q35B; K2Q31A; K2Q31B; SC_K2Q22; SC_K2Q23
Denominator	Children age 3-17 years
Numerator/Response Categories	Children who have 1 or more reported mental, emotional, developmental or behavioral problem, and/or qualifies on CSHCN Screener emotional, behavioral or developmental criteria; Children who do not currently have mental, emotional, developmental or behavioral problems
Notes for Data-Users	
This measure was derived based on 10 conditions: Tourette Syndrome (3-17 years), anxiety problems (3-17 years), depression (3-17 years), behavioral and conduct problem (3-17 years), developmental delay (3-17 years), intellectual disability (3-17 years), speech or other language disorder (3-17 years), learning disability (also known as mental retardation) (3-17 years), Autism or Autism Spectrum Disorder (ASD) (3-17 years), Attention Deficit Disorder or Attention-Deficit/Hyperactivity Disorder (ADD or ADHD) (3-17 years), and the CSHCN Screener questions on mental, emotional and behavioral problems. To qualify as having a mental, emotional, developmental or behavioral problem, the child must have any of 10 conditions currently and/or qualify on the CSHCN Screener ongoing emotional, developmental or behavioral conditions criteria. Please note that in the NSCH, all information about children's health conditions is based on parent recollection and is not independently verified.	
Revisions and Changes	
This measure is new in the 2018 NSCH.	
SPSS Syntax and Annotation	
MISSING VALUES ADHD_18 depress_18 anxiety_18 behavior_18 autism_18 DevDelay_18 IntDisab_18 tourette_18 speech_18 learning_18(). COUNT anyMEDB10 = ADHD_18 depress_18 anxiety_18 behavior_18 autism_18 DevDelay_18 tourette_18 speech_18 IntDisab_18 learning_18(3). IF ADHD_18=99 and depress_18=99 and anxiety_18=99 and behavior_18=99 and autism_18=99 and DevDelay_18=99 and tourette_18=99 and speech_18=99 and IntDisab_18=99 and learning_18=99 anyMEDB10=99. IF SC_AGE_YEARS<3 anyMEDB10 = 95. VARIABLE LABELS anyMEDB10 "Number of current chronic MEDB conditions from a list of 10 asked in the survey, age 3-17 (ADHD, depression, anxiety, behavioral problems, autism, developmental delay, Tourette, speech, intellectual disability or learning".	

VALUE LABELS anyMEDB10

0 "No current MEDB conditions"

95 "Children 0-2 years"

99 "DK/Ref to all".

formats anyMEDB10 (F3.0).

missing values anyMEDB10 ()�.

COMPUTE MEDB10cond_18=999.

IF anyMEDB10>0 MEDB10cond_18=1.

IF anyMEDB10=0 MEDB10cond_18=2.

IF anyMEDB10=99 MEDB10cond_18=99.

IF SC_AGE_YEARS<3 MEDB10cond_18 = 95.

VARIABLE LABELS MEDB10cond_18 "Children with one or more MEDB conditions from the list of 10 conditions, age 3-17 years: (ADHD, depression, anxiety, behavioral problems, autism, dev delay, Tourette, speech, intellectual disability or learning)".

VALUE LABELS MEDB10cond_18

1 "Children who have any MEDB condition"

2 "Children who do not have MEDB conditions"

95 "Children age 0-2 years"

99 "Missing to all".

COMPUTE MEDB10ScrQ5_18=999.

IF mhneeds_18 = 1 or anyMEDB10 > 0 MEDB10ScrQ5_18 = 1.

IF (mhneeds_18 = 2 or mhneeds_18 = 3) and (anyMEDB10 = 0 or anyMEDB10 =99) MEDB10ScrQ5_18 = 2.

IF anyMEDB10=99 and mhneeds_18=99 MEDB10ScrQ5_18=99.

IF SC_AGE_YEARS<3 MEDB10ScrQ5_18 = 95.

VARIABLE LABELS MEDB10ScrQ5_18 "Children qualifying CSHCN Screener question 5 or experience one of the 10 MEDB conditions, age 3-17 (ADHD, depression, anxiety, behavior, autism, dev delay, Tourette, speech, intellectual disability or learning)".

VALUE LABELS MEDB10ScrQ5_18

1 "Children qualifying CSHCN Screener question 5 or experience one of the 10 MEDB conditions"

2 "Children did not qualify the CSHCN Screener question 5 and did not experience one of the 10 MEDB conditions"

95 "Children age 0-2 years"

99 "Missing to all".

MISSING VALUES MEDB10ScrQ5_18(95,99).

EXECUTE.

Indicator 3.1	Children's health insurance status (CurreIns_18)
Description	Is this child currently covered by health insurance or health coverage plans?
Survey Items Used	Survey instrument item number for children 0-5 years: E1, E3; for children 6-11 years: E1, E3; for children 12-17 years: E1, E3 Variable in public use data file: CURREINS (derived)
Denominator	Children age 0-17 years
Numerator/Response Categories	Children currently insured; Children not currently insured
Notes for Data-Users	
This measure was derived using the CURREINS variable provided in the 2018 NSCH public use data file. CURREINS variable was constructed from three questions: (1) whether the child was covered by any kind of health insurance during the past 12 months, (2) whether the child was covered with any health insurance at the time of the survey, and (3) type of insurance coverage. Children who had coverage for all the last 12 months or is currently insured were categorized as children who are currently insured. However, if child's health insurance coverage is reported to be only Indian Health Service or religious health care share, that child was considered as not having current health insurance even though the response indicates that the child is currently insured.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE CurreIns_18 = CURREINS. VARIABLE LABELS CurreIns_18 "Indicator 3.1: Current health insurance status at time of survey". VALUE LABELS CurreIns_18 1 "Currently insured (does not include Indian Health Service or a religious health share)" 2 "Currently uninsured, or only insured through Indian Health Service or a religious health share" 99 "Missing". MISSING VALUES CurreIns_18(99). FORMATS CurreIns_18(f4.0). EXECUTE. </pre>	

Indicator 3.2	Consistency of insurance coverage (InsGap_18)
Description	Did this child have consistent health insurance coverage during the past 12 months?
Survey Items Used	Survey instrument item number for children 0-5 years: E1,E3,E4; for children 6-11 years: E1,E3,E4; for children 12-17 years: E1,E3,E4 Variable in public use data file: CURREINS (derived); INSGAP (derived)
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who have had continuous health insurance coverage during the past 12 months; 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 is derived using the INSGAP variable provided in the 2018 NSCH public use data file. INSGAP variable was constructed from three questions: (1) whether the child was covered by any kind of health insurance during the past 12 months, (2) whether the child was covered with any health insurance at the time of the survey, and (3) type of insurance coverage. This measure combines the following responses to INSGAP: "Yes child had any kind of insurance, but had a gap in coverage" and "No, child did not have any insurance during the past 12 months", as "child did not have continuous coverage during the past 12 months". It is important to note that consistency of the coverage was considered as missing if the child was currently insured but the type of coverage was only Indian Health Service or religious health care share.</p>
Revisions and Changes	This measure did not change from the 2017 NSCH, therefore the results may be compared.
SPSS Syntax and Annotation	<pre> COMPUTE InsGap_18 = 999. IF INSGAP = 1 InsGap_18 = 1. IF INSGAP = 2 or INSGAP = 3 InsGap_18 = 2. IF CURREINS = 2 InsGap_18 = 2. IF INSGAP = 99 InsGap_18 = 99. VARIABLE LABELS InsGap_18 "Indicator 3.2: Children who had consistent health insurance coverage at any time during the past 12 months". VALUE LABELS InsGap_18 1 "Consistently insured throughout the past year" 2 "Currently uninsured or had periods without coverage" 99 "Missing". MISSING VALUES InsGap_18(99). FORMATS InsGap_18(f4.0). EXECUTE. </pre> <p>*Reasons not covered by health insurance</p> <pre> COMPUTE NoCovEmp_18 = K12Q01_A. </pre>

IF INSGAP = 1 NoCovEmp_18 = 95.
IF INSGAP=99 NoCovEmp_18 = 99.
VARIABLE LABELS NoCovEmp_18 "Children who were not covered by health insurance due to change in parent's employment status".
VALUE LABELS NoCovEmp_18
1 "Gap related to employment change"
2 "Gap not related to employment change"
95 "Insured continuously all year"
99 "Missing".
MISSING VALUES NoCovEmp_18(95,99).

COMPUTE NoCovOverdue_18 = K12Q01_B.
IF INSGAP = 1 NoCovOverdue_18 = 95.
IF INSGAP=99 NoCovOverdue_18 = 99.
VARIABLE LABELS NoCovOverdue_18 "Children who were not covered by health insurance because of cancellation due to overdue premium".
VALUE LABELS NoCovOverdue_18
1 "Gap related to overdue premium"
2 "Gap not related to overdue premium"
95 "Insured continuously all year"
99 "Missing".
MISSING VALUES NoCovOverdue_18(95,99).

COMPUTE NoCovUnafford_18 = K12Q01_C.
IF INSGAP = 1 NoCovUnafford_18 = 95.
IF INSGAP=99 NoCovUnafford_18 = 99.
VARIABLE LABELS NoCovUnafford_18 "Dropped health insurance coverage because it was unaffordable".
VALUE LABELS NoCovUnafford_18
1 "Gap related to unaffordability"
2 "Gap not related to unaffordability"
95 "Insured continuously all year"
99 "Missing".
MISSING VALUES NoCovUnafford_18(95,99).

COMPUTE NoCovBenInadeq_18 = K12Q01_D.
IF INSGAP = 1 NoCovBenInadeq_18 = 95.
IF INSGAP=99 NoCovBenInadeq_18 = 99.
VARIABLE LABELS NoCovBenInadeq_18 "Dropped health insurance coverage because benefits were inadequate".
VALUE LABELS NoCovBenInadeq_18
1 "Gap related to inadequacy of coverage"
2 "Gap not due to inadequacy of coverage"
95 "Insured continuously all year"

99 "Missing".

MISSING VALUES NoCovBenInadeq_18(95,99).

COMPUTE NoCovProvInadeq_18 = K12Q01_E.

IF INSGAP = 1 NoCovProvInadeq_18 = 95.

IF INSGAP=99 NoCovProvInadeq_18 = 99.

VARIABLE LABELS NoCovProvInadeq_18 "Dropped health insurance coverage because choice of health care provider was inadequate".

VALUE LABELS NoCovProvInadeq_18

1 "Gap related to inadequacy of provider options"

2 "Gap not related to provider options"

95 "Insured continuously all year"

99 "Missing".

MISSING VALUES NoCovProvInadeq_18(95,99).

COMPUTE NoCovRenew_18 = K12Q01_F.

IF INSGAP = 1 NoCovRenew_18 = 95.

IF INSGAP=99 NoCovRenew_18 = 99.

VARIABLE LABELS NoCovRenew_18 "Child was not covered by insurance due to problems with application or renewal process".

VALUE LABELS NoCovRenew_18

1 "Gap related to renewal or application process"

2 "Gap not related to renewal or application process"

95 "Insured continuously all year"

99 "Missing".

MISSING VALUES NoCovRenew_18(95,99).

Indicator 3.3	Type of health insurance (InsType_18)
Description	What type of health insurance coverage, if any, did the child have at the time of the survey?
Survey Items Used	Survey instrument item number for children 0-5 years: E4; for children 6-11 years: E4; for children 12-17 years: E4 Variable in public use data file: CURRINS (derived); INSTYPE (derived); K12Q03; K12Q04; K12Q12; TRICARE; K11Q03R; HCCOVOTH
Denominator	Children age 0-17 years
Numerator/Response Categories	Children with only public health insurance; Children with only private health insurance; Children with public and private health insurance; Children with no current insurance coverage
Notes for Data-Users	
This measure was derived using the constructed INSTYPE variable provided in the 2018 NSCH public use data file. The INSTYPE variable was constructed from two questions: whether the child was currently insured (CURRCOV); and the child's type of insurance. "Public insurance" is defined as "Medicaid, Medical Assistance, or any kind of government assistance plan for those with low incomes or a disability." Private insurance is defined as "Insurance through a current or former employer or union", "Insurance purchased directly from an insurance company", or "TRICARE or other military health care" or coverage through the Affordable Care Act or other private insurance. Children identified as only having Indian Health Services or a religious health share as an insurance type were considered to have "no current insurance coverage".	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
RECODE INSTYPE (5=4) (else=copy) into instype_18. VARIABLE LABELS instype_18 "Indicator 3.3: Type of health insurance at time of survey". VALUE LABELS instype_18 1 "Public health insurance only" 2 "Private health insurance only" 3 "Public and private insurance" 4 "Uninsured" 99 "Missing". MISSING VALUES instype_18(99). FORMATS instype_18(f4.0). EXECUTE.	

Indicator 3.4	Adequacy of current insurance (InsAdeq_18)
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; K3Q21B; K3Q22: HOWMUCH
Denominator	Children age 0-17 years who are currently insured
Numerator/Response Categories	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	
Five questions were used to create this measure: (1) current health insurance coverage; (2) whether coverage is sufficient to meet the child's needs; (3) how much they paid out-of-pocket for child's health care; (4) how often are these costs reasonable; and (5) whether insurance allows the child to see needed health care providers. Adequate insurance is defined by the following criteria: child currently has health insurance coverage AND benefits usually or always meet child's needs AND usually or always allow child to see needed providers AND either no out-of-pocket expenses or out-of-pocket expenses are usually or always reasonable.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE K3Q20 (1=1) (2=2) (3 thru 4=3) (99=99) into benefits_18. IF CURRINS = 99 benefits_18=99. IF CURRINS = 2 benefits_18=95. VARIABLE LABELS benefits_18 "Current insurance benefits meets child's health needs". VALUE LABELS benefits_18 1 "Always" 2 "Usually" 3 "Sometimes or never" 99 "Missing" 95 "Uninsured". MISSING VALUES benefits_18 (95,99). FORMATS benefits_18 (f3.0). EXECUTE. RECODE K3Q22 (1=1) (2=2) (3 thru 4=3) (99=99) into allows_18. IF CURRINS = 99 allows_18 = 99. IF CURRINS = 2 allows_18=95. VARIABLE LABELS allows_18 "Current insurance coverage allows child to see needed providers". VALUE LABELS allows_18 1 "Always" 2 "Usually" </pre>	

3 "Sometimes or never"
 99 "Missing"
 95 "Uninsured".
 MISSING VALUES allows_18 (95,99).
 FORMATS allows_18 (f3.0).
 EXECUTE.

COMPUTE expense_18 = 999.
 IF K3Q21B = 1 expense_18 = 1.
 IF K3Q21B = 2 expense_18 = 2.
 IF (K3Q21B = 3 or K3Q21B = 4) expense_18 = 3.
 IF K3Q21B = 99 expense_18=99.
 IF HOWMUCH = 1 expense_18 = 0.
 IF CURRINS = 99 expense_18 = 99.
 IF CURRINS = 2 expense_18=95.
 VARIABLE LABELS expense_18 "Current insurance out-of-pocket costs are reasonable".
 VALUE LABELS expense_18
 0 'No out of pocket expenses'
 1 "Always"
 2 "Usually"
 3 "Sometimes or never"
 99 "Missing"
 95 "Uninsured".
 MISSING VALUES expense_18 (95,99).
 FORMATS expense_18 (f3.0).

MISSING VALUES benefits_18 allows_18 expense_18 ()�.

COMPUTE InsAdeq_18=999.
 IF (benefits_18 = 1 or benefits_18 = 2 or benefits_18 = 99) and (allows_18 = 1 or allows_18 = 2 or allows_18 = 99) and (expense_18 = 1 or expense_18 =2 or expense_18 = 99) InsAdeq_18 = 1.
 IF expense_18 = 0 InsAdeq_18 = 1.
 IF benefits_18 = 3 or allows_18 = 3 or expense_18 = 3 InsAdeq_18 = 2.
 IF benefits_18 = 99 and allows_18 = 99 and expense_18 = 99 InsAdeq_18 = 99.
 IF CURRINS = 2 InsAdeq_18 = 95.
 VARIABLE LABELS InsAdeq_18 "Indicator 3.4: Adequacy of current insurance coverage".
 VALUE LABELS InsAdeq_18
 1 "Current insurance is adequate"
 2 "Current insurance is not adequate"
 99 "Missing to all questions"
 95 "Uninsured".
 MISSING VALUES InsAdeq_18(95,99).
 FORMATS InsAdeq_18(f4.0).
 EXECUTE.

Indicator 3.4a	Adequate and continuous insurance (Insurance_18)
Description	Is this child adequately and continuously insured; that is, is their current insurance adequate and were they insured for the entire past 12 months?
Survey Items Used	Survey instrument item number for children 0-5 years: E1, E3, E5, E6, F1, F2; for children 6-11 years: E1, E3, E5, E6, F1, F2; for children 12-17 years: E1, E3, E5, E6, F1, F2 Variables in public use data file: CURRINS; INSGAP; K3Q20; K3Q21B; K3Q22; HOWMUCH
Denominator	Children age 0-17 years
Numerator/Response Categories	Children with adequate current insurance for their needs and insured entire year during the past 12 months; Children with current insurance not adequate for their needs and/or had a gap in insurance coverage during the past 12 months
Notes for Data-Users	
To qualify on this measure the child must meet the following two criteria: 1) having continuous insurance in the past 12 months, and 2) having current insurance which is adequate for the child's healthcare needs. The child's current insurance was considered adequate when the following criteria were met: (a) the child currently has health insurance coverage, AND (b) benefits usually or always meet child's needs, AND (c) the insurance usually or always allows the child to see needed providers, AND (d) the insurance either has no out-of-pocket expenses or out-of-pocket expenses are usually or always reasonable. The measure is only considered missing if both items are missing. Therefore, children with a valid, positive response to either portion of the measure and missing to the other portion are categorized as having adequate and continuous insurance.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre>MISSING VALUES CurrIns_18 InsGap_18 InsAdeq_18(). COMPUTE insurance_18 = 1. IF (InsGap_18 = 1 or InsGap_18 = 99) and (InsAdeq_18 = 1 or InsAdeq_18 =99) insurance_18 = 1. IF CurrIns_18 = 2 or InsGap_18 = 2 or InsAdeq_18 = 2 insurance_18 = 2. IF InsGap_18 = 99 and InsAdeq_18 = 99 insurance_18 = 99. VARIABLE LABELS insurance_18 "Indicator 3.4a: Adequate and continuous insurance". VALUE LABELS insurance_18 1 "Current insurance is adequate and continuously insured in past year" 2 "Current insurance is inadequate and/or had gap in insurance coverage in past year" 99 "Missing to both". MISSING VALUES insurance_18 (). FORMATS insurance_18 (f2.0). EXECUTE.</pre>	

Indicator 3.5	Adequacy of insurance coverage for mental health care, age 3-17 years (InsMentH_18)
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, age 3-17 years?
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 are currently insured and used mental or behavioral health care
Numerator/Response Categories	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. The 2018 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 and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE MENBEVCOV (1=1) (2=2) (3 thru 4=3) (5=96) (99=99) into InsMentH_18. IF CURRINS = 2 InsMentH_18 = 96. IF CURRINS = 99 InsMentH_18 = 99. IF SC_AGE_YEARS < 3 InsMentH_18 = 95. VARIABLE LABELS InsMentH_18 "Indicator 3.5: Adequacy of insurance coverage for mental/behavioral health care, age 3-17 years who are insured and received mental health care". VALUE LABELS InsMentH_18 1 "Always" 2 "Usually" 3 "Sometimes or never" 96 "Did not receive mental health services/Uninsured at time of the survey" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES InsMentH_18(95,96,99). FORMATS InsMentH_18(f4.0). EXECUTE. </pre>	

Indicator 3.6	Out-of-pocket cost for medical and health care (OutOfPckt_18)
Description	Including co-pays and amounts from Health Savings Accounts (HSA) and Flexible Spending Accounts (FSA), how much money did you pay for this child's medical, health, dental, and vision care during the past 12 months?
Survey Items Used	Survey instrument item number for children 0-5 years: F1; for children 6-11 years: F1; for children 12-17 years: F1 Variable in public use data file: HOWMUCH
Denominator	Children age 0-17 years
Numerator/Response Categories	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	
This measure was derived from a single item. Parents were asked "not to include health insurance premiums or costs that were or will be reimbursed by insurance or another source" when they responded to this question.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE HOWMUCH (1 thru 2=1) (3=2) (4=3) (5=4) (6=5) (99=99) into OutOfPckt_18. VARIABLE LABELS OutOfPckt_18 "Indicator 3.6: Out-of-pocket costs for child's health care including medical, dental and vision care during the past 12 months". VALUE LABELS OutOfPckt_18 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_18(99). FORMATS OutOfPckt_18(f4.0). EXECUTE. </pre>	

Indicator 4.1	Medical care visit (MedCare_18)
Description	During the past 12 months, did this child see a doctor, nurse, or other health care professional for medical care (for example, preventive care, sick care, hospitalizations)?
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/Response Categories	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 and Changes	
In 2018 the wording of this question changed. Previously in 2017 the question listed several types of medical care, including well child check up and physical exams, as examples of medical care one might receive. In 2018, the wording was replaced by "preventive care," a broader term that respondents understood differently. The prevalence of individuals answering "yes, received medical care in the past 12 months" changed significantly between the two years, therefore these items should not be considered comparable. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE MedCare_18 = S4Q01. VARIABLE LABELS MedCare_18 "Indicator 4.1: Children who received any type of medical care during the past 12 months". VALUE LABELS MedCare_18 1 "Received medical care" 2 "Did not receive any medical care" 99 "Missing". MISSING VALUES MedCare_18(99). FORMATS MedCare_18(f2.0). EXECUTE. </pre>	

Indicator 4.1a	Preventive medical visit (PrevMed_18)
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: C3, C1 Variable in public use data file: K4Q20R: 4Q01
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who had one or more preventive care visits in the past 12 months; Children who did not have preventive care visits during the past 12 months
Notes for Data-Users	This question was asked among children who had a health care visit in the past 12 months.
Revisions and Changes	This survey question did not change in the 2018 NSCH. However, the filter item (C1) which asked about receipt of any medical care in the past 12 months did change. The change in that item led to some changes in how respondents may have understood the two questions, therefore preventive care in 2017 and 2018 should not be considered comparable. For more information about the changes, click here .
SPSS Syntax and Annotation	<pre> COMPUTE PrevMed_18 = 999. IF K4Q20R=2 or K4Q20R = 3 PrevMed_18 = 1. IF K4Q20R = 1 PrevMed_18 = 2. IF S4Q01 = 2 PrevMed_18 = 2. IF K4Q20R=99 PrevMed_18 = 99. IF S4Q01=99 PrevMed_18 = 99. VARIABLE LABELS PrevMed_18 "Indicator 4.1a: Children who had one or more preventive medical care visits during past 12 months". VALUE LABELS PrevMed_18 1 "One or more preventive visits" 2 "No preventive care visits" 99 "Missing". MISSING VALUES PrevMed_18(99). FORMATS PrevMed_18(f2.0). EXECUTE. </pre>

Indicator 4.1b	Time with doctor during the preventive medical visit (VisitTime_18)
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: C4 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/Response Categories	Children who had preventive visits and doctor examined them for less than 10 minutes; Children who had preventive visits and doctor examined them for 10-20 minutes; Children who had preventive visits and doctor examined them for more than 20 minutes
Notes for Data-Users	
This survey question was asked among children who had a medical care visit in the past 12 months. The question refers to the caregiver's experience during the last preventive check-up. The denominator of this measure is children who had a preventive check-up during the past 12 months.	
Revisions and Changes	
In 2018 this measure did not change from the 2017 NSCH.	
SPSS Syntax and Annotation	
<pre> MISSING VALUES PrevMed_18 DOCROOM(). COMPUTE VisitTime_18 = DOCROOM. IF PrevMed_18 = 2 VisitTime_18 = 95. IF PrevMed_18 = 99 VisitTime_18 = 99. VARIABLE LABELS VisitTime_18 "Indicator 4.1b: Time with doctor during last preventive check-up". VALUE LABELS VisitTime_18 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_18(95,99). EXECUTE. </pre>	

Indicator 4.1c	Doctor spoke with child privately, age 12-17 years (PrivateTalk_18)
Description	At his or her last medical care visit, did this child have a chance to speak with a doctor or other health care provider privately, without you or another caregiver in the room?
Survey Items Used	Survey instrument item number for children 12-17 years: C2 Variable in public use data file: DOCPRIVATE
Denominator	Children age 12-17 years who had a medical visit in the past 12 months
Numerator/Response Categories	Children whose doctor or other health care provider spoke with them privately without an adult in the room during the last medical care visit; Children whose doctor or other health care provider did not speak with them privately without an adult in the room during the last medical care visit
Notes for Data-Users	
This survey question was only asked among children 12-17 years who had a medical care visit during the past 12 months.	
Revisions and Changes	
Question changed to refer to the last medical care visit of any kind, not just preventive care, in 2018. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE PrivateTalk_18 = DOCPRIVATE. IF S4Q01 = 2 PrivateTalk_18 = 95. IF SC_AGE_YEARS < 12 PrivateTalk_18 = 90. VARIABLE LABELS PrivateTalk_18 "Indicator 4.1c: Children whose doctors spoke with them privately without an adult in the room during last medical care visit, age 12-17 years". VALUE LABELS PrivateTalk_18 1 "Yes" 2 "No" 99 "Missing" 95 "Children who did not have medical care visit in the past 12 months" 90 "Children age 0-11 years". MISSING VALUES PrivateTalk_18(90,99). FORMATS PrivateTalk_18(f2.0). EXECUTE. </pre>	

Indicator 4.2	Dentist visit, age 1-17 years (DentCare_18)
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, age 1-17 years?
Survey Items Used	Survey instrument item number for children age 0-5 years: C16; for children age 6-11 years: C14; for children 12-17 years: C15 Variable in public use data file: K4Q30_R
Denominator	Children age 1-17 years
Numerator/Response Categories	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.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE DentCare_18 = K4Q30_R. IF SC AGE YEARS < 1 DentCare_18 = 95. VARIABLE LABELS DentCare_18 "Indicator 4.2: Children who received any type of dental care during the past 12 months, age 1-17 years". VALUE LABELS DentCare_18 1 "Saw a dentist" 2 "Saw other oral health care provider" 3 "No dental or oral health care visits" 99 "Missing" 95 "Children less than 1 year old". MISSING VALUES DentCare_18(95,99). FORMATS DentCare_18(f2.0). EXECUTE. </pre>	

Indicator 4.2a	Preventive dental care, age 1-17 years (PrevDent_18)
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, age 1-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: C16, C17; for children 6-11 years: C14, C15; for children 12-17 years: C15, C16 Variables in public use data file: K4Q30_R; DENTISTVISIT
Denominator	Children age 1-17 years
Numerator/Response Categories	Children who had one or more preventive dental visits during the past 12 month; Children who did not have preventive dental visits during the past 12 months
Notes for Data-Users	
Children younger than one year of age are not included in this measure.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE PrevDent_18 = 999. IF DENTISTVISIT = 2 or DENTISTVISIT = 3 PrevDent_18 = 1. IF DENTISTVISIT = 1 PrevDent_18 = 2. IF DENTISTVISIT = 99 PrevDent_18 = 99. IF K4Q30_R = 3 PrevDent_18 = 2. IF K4Q30_R = 99 PrevDent_18 = 99. IF SC_AGE_YEARS < 1 PrevDent_18 = 95. VARIABLE LABELS PrevDent_18 "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_18 1 "One or more dental preventive visits" 2 "No preventive dental visits" 99 "Missing" 95 "Children less than 1 year old". MISSING VALUES PrevDent_18(95,99). FORMATS PrevDent_18(f2.0). EXECUTE. ****Types of preventive care COMPUTE DentCheck_18=999. IF DENTALSERV1 = 1 DentCheck_18 =1. IF DENTALSERV1 = 2 DentCheck_18 =2. IF DENTISTVISIT = 1 or K4Q30_R = 3 DentCheck_18 = 3. IF DENTISTVISIT = 99 and DENTALSERV1 = 2 DentCheck_18 = 99. IF K4Q30_R = 99 DentCheck_18 = 99. IF DENTALSERV7=1 and (DENTALSERV1=2 and DENTALSERV2=2 and DENTALSERV3=2 and</pre>	

```
DENTALSERV4=2 and DENTALSERV5=2 and DENTALSERV6=2) DentCheck_18 = 99.  

IF SC_AGE_YEARS < 1 DentCheck_18 = 95.  

VARIABLE LABELS DentCheck_18 "Children who had dental check up visits during the past 12 months,  

age 1-17 years".  

VALUE LABELS DentCheck_18  

1 "Received dental check-up"  

2 "Received preventive dental care, but not dental check-up"  

3 "Did not receive preventive dental care"  

99 "Missing/Don't know"  

95 "Children age 0-1 year".  

MISSING VALUES DentCheck_18(99,95).
```

```
COMPUTE DentCleaning_18 = 999.  

IF DENTALSERV2 = 1 DentCleaning_18 =1.  

IF DENTALSERV2 = 2 DentCleaning_18 = 2.  

IF DENTISTVISIT = 1 or K4Q30_R = 3 DentCleaning_18 = 3.  

IF DENTISTVISIT = 99 and DENTALSERV2 = 2 DentCleaning_18 = 99.  

IF K4Q30_R = 99 DentCleaning_18 = 99.  

IF DENTALSERV7=1 and (DENTALSERV1=2 and DENTALSERV2=2 and DENTALSERV3=2 and  

DENTALSERV4=2 and DENTALSERV5=2 and DENTALSERV6=2) DentCleaning_18 = 99.  

IF SC_AGE_YEARS < 1 DentCleaning_18 = 95.  

VARIABLE LABELS DentCleaning_18 "Children who had dental cleaning during the past 12 months, age  

1-17 years".  

VALUE LABELS DentCleaning_18  

1 "Had dental cleaning"  

2 "Received preventive dental care, but not dental cleaning"  

3 "Did not receive preventive dental care"  

99 "Missing/Don't know"  

95 "Children age 0-1 year".  

MISSING VALUES DentCleaning_18(99,95).
```

```
COMPUTE DentInstruct_18 =999.  

IF DENTALSERV3 = 1 DentInstruct_18 =1.  

IF DENTALSERV3 = 2 DentInstruct_18 = 2.  

IF DENTISTVISIT = 1 or K4Q30_R = 3 DentInstruct_18 = 3.  

IF DENTISTVISIT = 99 and DENTALSERV3 = 2 DentInstruct_18 = 99.  

IF K4Q30_R = 99 DentInstruct_18 = 99.  

IF DENTALSERV7=1 and (DENTALSERV1=2 and DENTALSERV2=2 and DENTALSERV3=2 and  

DENTALSERV4=2 and DENTALSERV5=2 and DENTALSERV6=2) DentInstruct_18 = 99.  

IF SC_AGE_YEARS < 1 DentInstruct_18 = 95.  

VARIABLE LABELS DentInstruct_18 "Children who had dental instruction during the past 12 months, age  

1-17 years".  

VALUE LABELS DentInstruct_18  

1 "Received instruction on oral health care"  

2 "Received preventive dental care, but not instruction on oral health care"  

3 "Did not receive preventive dental care"  

99 "Missing/Don't know"  

95 "Children age 0-1 year".  

MISSING VALUES DentInstruct_18(99,95).
```

```
COMPUTE DentXray_18 = 999.  

IF DENTALSERV4 = 1 DentXray_18 =1.  

IF DENTALSERV4 = 2 DentXray_18 = 2.
```

```

IF DENTISTVISIT = 1 or K4Q30_R = 3 DentXray_18 = 3.
IF DENTISTVISIT = 99 and DENTALSERV4 = 2 DentXray_18 = 99.
IF K4Q30_R = 99 DentXray_18 = 99.
IF DENTALSERV7=1 and (DENTALSERV1=2 and DENTALSERV2=2 and DENTALSERV3=2 and
DENTALSERV4=2 and DENTALSERV5=2 and DENTALSERV6=2) DentXray_18 = 99.
IF SC_AGE_YEARS < 1 DentXray_18 = 95.
VARIABLE LABELS DentXray_18 "Children who had dental X-ray during the past 12 months, age 1-17
years".
VALUE LABELS DentXray_18
1 "Had dental X-ray"
2 "Received preventive dental care, but not X-ray"
3 "Did not receive preventive dental care"
99 "Missing/Don't know"
95 "Children age 0-1 year".
MISSING VALUES DentXray_18(99,95).

COMPUTE fluoride_18 =999.
IF DENTALSERV5 = 1 fluoride_18 =1.
IF DENTALSERV5 = 2 fluoride_18 = 2.
IF DENTISTVISIT = 1 or K4Q30_R = 3 fluoride_18 = 3.
IF DENTISTVISIT = 99 and DENTALSERV5 = 2 fluoride_18 = 99.
IF K4Q30_R = 99 fluoride_18 = 99.
IF DENTALSERV7=1 and (DENTALSERV1=2 and DENTALSERV2=2 and DENTALSERV3=2 and
DENTALSERV4=2 and DENTALSERV5=2 and DENTALSERV6=2) fluoride_18 = 99.
IF SC_AGE_YEARS < 1 fluoride_18 = 95.
VARIABLE LABELS fluoride_18 "Children who had fluoride treatment during the past 12 months, age 1-17
years".
VALUE LABELS fluoride_18
1 "Received fluoride treatment"
2 "Received preventive dental care, but not fluoride treatment"
3 "Did not receive preventive dental care"
99 "Missing/Don't know"
95 "Children age 0-1 year".
MISSING VALUES fluoride_18(99,95).

COMPUTE sealant_18 = 999.
IF DENTALSERV6 = 1 sealant_18 =1.
IF DENTALSERV6 = 2 sealant_18 = 2.
IF DENTISTVISIT = 1 or K4Q30_R = 3 sealant_18 = 3.
IF DENTISTVISIT = 99 and DENTALSERV6 = 2 sealant_18 = 99.
IF K4Q30_R = 99 sealant_18 = 99.
IF DENTALSERV7=1 and (DENTALSERV1=2 and DENTALSERV2=2 and DENTALSERV3=2 and
DENTALSERV4=2 and DENTALSERV5=2 and DENTALSERV6=2) sealant_18 = 99.
IF SC_AGE_YEARS < 1 sealant_18 = 95.
VARIABLE LABELS sealant_18 "Children who had sealant during the past 12 months, age 1-17 years".
VALUE LABELS sealant_18
1 "Had dental sealant"
2 "Received preventive dental care, but not dental sealant"
3 "Did not receive preventive dental care"
99 "Missing/Don't know"
95 "Children age 0-1 year".
MISSING VALUES sealant_18(99,95).

```

Indicator 4.3	Received both preventive medical and dental care (MedDentCare_18)
Description	During the past 12 months, did this child receive both routine preventive medical and dental care?
Survey Items Used	Survey instrument item number for children 0-5 years: C2,C1,C16,C17; for children 6-11 years: C1,C2,C14,C15; for children 12-17 years: C1,C3,C15,C16 Variables in public use data file: DENTISTVISIT; K4Q20R; K4Q30_R; S4Q01
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who did not receive both preventive medical and dental care in the past 12 months; Children who received both preventive medical and dental care in the past 12 months

Notes for Data-Users

This measure is a composite measure, combining the parents' response to their child's receipt of preventive medical care and preventive dental care in the past 12 months. Children age 1-17 must meet criteria for both medical and dental preventive care. Children under 1, who were not asked the questions about dental care, qualify based only on preventive medical care.

Revisions and Changes

Individuals in 2018 responded differently to the questions on preventive medical care based on a change to the filter item which preceded it asking about the use of any medical care in the prior 12 months. However, when combined with the preventive dental care measure, this overall measure of preventive care (both medical and dental) did not see significant differences between the two years and therefore should be considered comparable. For more information about the changes, [click here](#).

SPSS Syntax and Annotation

MISSING VALUES PrevMed_18 PrevDent_18().

COMPUTE MedDentCare_18 = 999.

IF PrevMed_18 = 1 and (PrevDent_18=1 or PrevDent_18=95) MedDentCare_18 = 1.

IF PrevMed_18 = 2 or PrevDent_18 = 2 MedDentCare_18 = 2.

IF PrevMed_18 = 99 or PrevDent_18 = 99 MedDentCare_18 = 99.

VARIABLE LABELS MedDentCare_18 "Indicator 4.3: Children received both preventive medical and dental care visits in past 12 months".

VALUE LABELS MedDentCare_18

1 "Received preventive medical and dental care"

2 "Did not receive preventive medical and dental care"

99 "Missing to any".

MISSING VALUES MedDentCare_18(99).

FORMATS MedDentCare_18(f2.0).

EXECUTE.

Indicator 4.4	Received mental health care, age 3-17 years (MentHCare_18)
Description	During the past 12 months, has this child received any treatment or counseling from a mental health professional, age 3-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: C19; for children 6-11 years: C17; for children 12-17 years: C18 Variable in public use data file: K4Q22_R
Denominator	Children age 3-17 years
Numerator/Response Categories	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 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. The denominator of this measure is children 3-17 years even though the survey question was asked for all children 0-17 years.
Revisions and Changes	This measure did not change from the 2017 NSCH, therefore the results may be compared.
SPSS Syntax and Annotation	<pre> COMPUTE MentHCare_18 = K4Q22_R. IF SC_AGE_YEARS < 3 MentHCare_18 = 95. VARIABLE LABELS MentHCare_18 "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_18 1 "Yes, received mental health care" 2 "No, but needed to see a mental health professional" 3 "No, did not need to see a mental health professional" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES MentHCare_18(95,99). FORMATS MentHCare_18(f2.0). EXECUTE. </pre>

Indicator 4.4a	Difficulties obtaining mental health care, age 3-17 years (MentHDiff_18)
Description	How difficult 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: C20; for children 6-11 years: C18; for children 12-17 years: C19 Variables in public use data file: K4Q22_R; TREATNEED
Denominator	Children age 3-17 years who received or needed any mental health treatment or counseling
Numerator/Response Categories	Children who had no difficulty getting needed mental health treatment or counseling; Children who received or needed mental health treatment or counseling and it was somewhat difficult to get the care; Children who received or needed mental health treatment or counseling and it was very difficult to get the care; Children who needed mental health treatment or counseling, but it was not possible to get the care
Notes for Data-Users	The denominator of this measure is based on the response to the question that asks whether the child received mental health care or not. 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. The denominator of this measure is children 3-17 years even though the survey question was asked for all children 0-17 years.
Revisions and Changes	In 2018, the question changed from "how much of a problem" to "how difficult" it was to get mental health treatment or counseling with a corresponding change in the response options to: Not difficult, Somewhat difficult, Very difficult, It was not possible to obtain care/get a referral. For more information about the changes, click here .
SPSS Syntax and Annotation	<pre> COMPUTE MentHDiff_18 = TREATNEED. IF K4Q22_R = 3 MentHDiff_18 = 95. IF K4Q22_R = 99 MentHDiff_18 = 99. IF SC_AGE_YEARS < 3 MentHDiff_18 = 96. VARIABLE LABELS MentHDiff_18 "Indicator 4.4a: Difficulties obtaining mental health treatment or counseling among those who received or needed care, age 3-17 years". VALUE LABELS MentHDiff_18 1 "Received or needed mental health care and did not have difficulty getting it" 2 "Received or needed mental health care but it was somewhat difficult to get it" 3 "Received or needed mental health care but it was very difficult to get it" 4 "It was not possible to obtain care" 99 "Missing" 95 "Did not need to see a mental health professional" 96 "Children age 0-2 years". MISSING VALUES MentHDiff_18(95,96,99). FORMATS MentHDiff_18(f2.0). EXECUTE. </pre>

Indicator 4.5	Received care from a specialist doctor (SpecCare_18)
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: C22; for children 6-11 years: C20; for children 12-17 years: C21 Variable in public use data file: K4Q24_R
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who received care from a specialist during the past 12 months; Children who did not receive care from a specialist, but needed to see a specialist during the past 12 months; Children who did not need to see a specialist during the past 12 months
Notes for Data-Users	
This measure is derived from a single item which asks whether the child saw a specialist other than a mental health professional. Specialists were defined as "doctors like surgeons, heart doctors, allergy doctors, skin doctors, and others who specialize in one area of health care."	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE SpecCare_18 = K4Q24_R. VARIABLE LABELS SpecCare_18 "Indicator 4.5: Received care from a specialist doctor other than a mental health professional during the past 12 months". VALUE LABELS SpecCare_18 1 "Received care from a specialist" 2 "No, but needed to see a specialist" 3 "No, did not need to see a specialist" 99 "Missing". MISSING VALUES SpecCare_18(99). FORMATS SpecCare_18(f2.0). EXECUTE. </pre>	

Indicator 4.5a	Difficulties obtaining specialist care (SpCareDiff_18)
Description	How difficult was it to get the specialist care that this child needed?
Survey Items Used	Survey instrument item number for children 0-5 years: C22,C23; for children 6-11 years: C20,C21; for children 12-17 years: C21,C22 Variables in public use data file: K4Q24_R; K4Q26
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who had no difficulty getting needed specialist care; Children who received or needed specialist care and it was somewhat difficult to get the care; Children who received or needed specialist care and it was very difficult to get the care; Children who needed specialist care, but it was not possible to get the care
Notes for Data-Users	
The denominator of this measure is based on the response to the question which asks whether the child received specialist care. 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 and Changes	
In 2018, the question changed from "how much of a problem" to "how difficult" it was to get specialist care with a corresponding change in the response options to: Not difficult, Somewhat difficult, Very difficult, It was not possible to obtain care/get a referral. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE SpCareDiff_18 = K4Q26. IF K4Q24_R = 3 SpCareDiff_18 = 95. IF K4Q24_R = 99 SpCareDiff_18 = 99. VARIABLE LABELS SpCareDiff_18 "Indicator 4.5a: Difficulties obtaining specialist care among those who received specialist care during the past 12 months". VALUE LABELS SpCareDiff_18 1 "Received or needed specialist care and did did have difficulty getting it" 2 "Received or needed specialist care but it was somewhat difficult to get it" 3 "Received or needed specialist care but it was very difficult to get it" 4 "It was not possible to get needed specialist care" 99 "Missing" 95 "Did not need care from a specialist". MISSING VALUES SpCareDiff_18(95,99). FORMATS SpCareDiff_18(f2.0). EXECUTE. </pre>	

Indicator 4.6	Vision test (VisnTest_18)
Description	During the past 12 months, has this child had his or her vision tested, such as with pictures, shapes, or letters?
Survey Items Used	Survey instrument item number for children 0-5 years: C14; for children 6-11 years: C12; for children 12-17 years: C13 Variable in public use data file: K4Q31_R
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who have had their vision tested during the past 12 months; Children who have not had their vision tested during the past 12 months
Notes for Data-Users	The reference period for the question is whether in the past 2 years this child had his or her vision tested with pictures, shapes, or letters.
Revisions and Changes	The reference period of the vision test changed from "ever" (for 0-5 years) and "2 years" (for 6-17 years) in the 2017 NSCH to "past 12 months" in the 2018 NSCH. The question changed the phrasing to explicitly identify "pictures, shapes, or letters" as examples of tests. The reference period for the question was different depending on the child's age group in 2017. In 2018, the reference period refers to "the past 12 months" for all children regardless of age of the child. For more information about the changes, click here .
SPSS Syntax and Annotation	<pre> COMPUTE VisnTest_18 = K4Q31_R. VARIABLE LABELS VisnTest_18 "Indicator 4.6: Children who received vision screening during the past 12 months". VALUE LABELS VisnTest_18 1 "Received vision screening" 2 "Did not receive vision screening" 99 "Missing". MISSING VALUES VisnTest_18(99). FORMATS VisnTest_18(f4.0). EXECUTE. **Survey Sections COMPUTE EyeDoctor_18 = K4Q32X01. IF K4Q31_R = 2 EyeDoctor_18 = 3. IF K4Q31_R = 99 EyeDoctor_18 = 99. VARIABLE LABELS EyeDoctor_18 "Children who received vision screening at an eye specialist". VALUE LABELS EyeDoctor_18 1 "Received vision screening at eye specialist" 2 "Received vision screening, but not at eye specialist" 3 "Did not receive vision screening" 99 "Missing". </pre>

MISSING VALUES EyeDoctor_18(95,99).

FORMATS EyeDoctor_18(f4.0).

EXECUTE.

COMPUTE EyePedOffice_18 = K4Q32X02.

IF K4Q31_R = 2 EyePedOffice_18 = 3.

IF K4Q31_R = 99 EyePedOffice_18 = 99.

VARIABLE LABELS EyePedOffice_18 "Children who received vision screening at pediatrician or general doctor".

VALUE LABELS EyePedOffice_18

1 "Received vision screening at pediatrician or general doctor"

2 "Received vision screening, but not at pediatrician or general doctor"

3 "Did not receive vision screening"

99 "Missing".

MISSING VALUES EyePedOffice_18(95,99).

FORMATS EyePedOffice_18(f4.0).

EXECUTE.

COMPUTE EyeClinic_18 = K4Q32X03.

IF K4Q31_R = 2 EyeClinic_18 = 3.

IF K4Q31_R = 99 EyeClinic_18 = 99.

VARIABLE LABELS EyeClinic_18 "Children who received vision screening at a clinic or health center".

VALUE LABELS EyeClinic_18

1 "Received vision screening at clinic"

2 "Received vision screening, but not at clinic"

3 "Did not receive vision screening"

99 "Missing".

MISSING VALUES EyeClinic_18(95,99).

FORMATS EyeClinic_18(f4.0).

EXECUTE.

COMPUTE EyeSchool_18 = K4Q32X04.

IF K4Q31_R = 2 EyeSchool_18 = 3.

IF K4Q31_R = 99 EyeSchool_18 = 99.

VARIABLE LABELS EyeSchool_18 "Children who received vision screening at school".

VALUE LABELS EyeSchool_18

1 "Received vision screening at school"

2 "Received vision screening, but not at school"

3 "Did not receive vision screening"

99 "Missing".

MISSING VALUES EyeSchool_18(95,99).

FORMATS EyeSchool_18(f4.0).

EXECUTE.

COMPUTE EyeOther_18 = K4Q32X05.

IF K4Q31_R = 2 EyeOther_18 = 3.

IF K4Q31_R = 99 EyeOther_18 = 99.

VARIABLE LABELS EyeOther_18 "Children who received vision screening at other places".

VALUE LABELS EyeOther_18

1 "Received vision screening at other places"

2 "Received vision screening, but not at other places"

3 "Did not receive vision screening"

99 "Missing".

Child and Family Health Measures – Health Care Access and Quality

MISSING VALUES EyeOther_18(95,99).

FORMATS EyeOther_18(f4.0).

EXECUTE.

Indicator 4.7	Hospital emergency room visit (ERVisit_18)
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: C30; for children 6-11 years: C28; for children 12-17 years: C29 Variable in public use data file: HOSPITALER
Denominator	Children age 0-17 years
Numerator/Response Categories	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 visits
Notes for Data-Users	This measure was derived from a single item.
Revisions and Changes	The question of this measure did not change from the 2017 NSCH, however, response wording changed from "Never, 1 time, 2 or more times" to "None, 1 time, 2 or more times". For more information about the changes, click here .
SPSS Syntax and Annotation	<pre> COMPUTE ERVisit_18 = HOSPITALER. VARIABLE LABELS ERVisit_18 "Indicator 4.7: Number of hospital emergency room visits for any health reason in the past 12 months". VALUE LABELS ERVisit_18 1 "Never" 2 "1 time" 3 "2 or more times" 99 "Missing". MISSING VALUES ERVisit_18(99). FORMATS ERVisit_18(f2.0). EXECUTE. </pre>

Indicator 4.7a	Hospital admission (HospitalStay_18)
Description	During the past 12 months, was this child admitted to the hospital to stay for at least one night?
Survey Items Used	Survey instrument item number for children 0-5 years: C29; for children 6-11 years: C27; for children 12-17 years: C28 Variable in public use data file: HOSPITALSTAY
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who were admitted to the hospital overnight at least one time in the past 12 months; Children who were not admitted to the hospital overnight in the past 12 months
Notes for Data-Users	This measure was derived from a single item.
Revisions and Changes	This item is new in the 2018 NSCH.
SPSS Syntax and Annotation	<pre> COMPUTE HospitalStay_18 = HOSPITALSTAY. VARIABLE LABELS HospitalStay_18 "Indicator 4.7a: Children who were admitted to the hospital to stay at least one night". VALUE LABELS HospitalStay_18 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES HospitalStay_18 (99). EXECUTE. </pre>

Indicator 4.8	Alternative health care or treatment (AlterHC_18)
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: C24; for children 6-11 years: C22; for children 12-17 years: C23 Variable in public use data file: ALTHEALTH<
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who used any type of alternative health care or treatment; Children who did not use any type of alternative health care or treatment
Notes for Data-Users	This measure was derived from a single item.
Revisions and Changes	This measure did not change from the 2017 NSCH, therefore the results may be compared.
SPSS Syntax and Annotation	<pre> COMPUTE AlterHC_18 = ALTHEALTH. VARIABLE LABELS AlterHC_18 "Indicator 4.8: Use of alternative health care or treatment during the past 12 months". VALUE LABELS AlterHC_18 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES AlterHC_18(99). FORMATS AlterHC_18(f2.0). EXECUTE. </pre>

Indicator 4.9	Doctor asked about parental concerns, age 0-5 years (DrAskConc_18)
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, age 0-5 years?
Survey Items Used	Survey instrument item number for children 0-5 years: C8 Variable in public use data file: K6Q10
Denominator	Children age 0-5 years who used a health service in the past 12 months
Numerator/Response Categories	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	
This indicator measures the prevalence of developmental surveillance among young children. This survey item asks parents whether they were asked by a health professional about their concerns regarding their child's learning, development, or behavior. This question was asked among all children age 0-5 years, and the denominator of this measure is children age 0-5 years who received any of the four services: medical care, dental care, mental health care or a specialist care in the past 12 months.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE Ct1NumbSer_18 = 0. IF S4Q01 = 1 Ct1NumbSer_18 = Ct1NumbSer_18 + 1. IF (K4Q30_R=1 or K4Q30_R=2) Ct1NumbSer_18 = Ct1NumbSer_18 + 1. IF K4Q22_R = 1 Ct1NumbSer_18 = Ct1NumbSer_18 + 1. IF K4Q24_R = 1 Ct1NumbSer_18 = Ct1NumbSer_18 + 1. IF S4Q01 = 99 and K4Q30_R = 99 and K4Q22_R = 99 and K4Q24_R = 99 Ct1NumbSer_18 = 99. VARIABLE LABELS Ct1NumbSer_18 "Count of number of services used, not including did not see but needed to see MH or specialist". VALUE LABELS Ct1NumbSer_18 0 "Used none of the 4 service types" 1 "Used 1 of the 4 service types" 2 "Used 2 of the 4 service types" 3 "Used 3 of the 4 service types" 4 "Used all 4 services" 99 "Missing to all". COMPUTE Num1Service_18 = 2. IF Ct1NumbSer_18 > 0 Num1Service_18 = 1. IF S4Q01 = 99 and K4Q30_R = 99 and K4Q22_R = 99 and K4Q24_R = 99 Num1Service_18 = 99. VARIABLE LABELS Num1Service_18 "Used 1 or more of the 4 services in the past 12 months, not including did not see but needed to see MH or specialist". VALUE LABELS Num1Service_18 1 "Used 1 or more services" 2 "Used none of the 4 services" </pre>	

99 "Missing to all".

***Indicator 4.9: Doctor asked about parental concerns, age 0-5 years

COMPUTE DrAskConc_18 = K6Q10.

IF Ct1NumbSer_18 < 1 or Ct1NumbSer_18 = 99 DrAskConc_18=95.

IF SC_AGE_YEARS > 5 DrAskConc_18 = 90.

VARIABLE LABELS DrAskConc_18 "Indicator 4.9: Doctor asked about parental concerns about the child's learning, development, or behavior, age 0-5 years".

VALUE LABELS DrAskConc_18

1 "Yes"

2 "No"

99 "Missing"

95 "Did not use any of 4 services"

90 "Children age 6-17 years".

MISSING VALUES DrAskConc_18(90,95,99).

EXECUTE.

Indicator 4.10	Developmental screening, age 9-35 months (DevScrnnng_18)
Description	Did the child receive a developmental screening using a parent-completed screening tool in the past 12 months, age 9-35 months?
Survey Items Used	Survey instrument item number for children 0-5 years: C9 Variables in public use data file: K6Q12; K6Q13A; K6Q13B; K6Q14A; K6Q14B; SC_AGE_LT9; SC_AGE_YEARS
Denominator	Children age 9-35 months
Numerator/Response Categories	Children whose parent completed a standardized developmental screening tool; Children whose parent did not complete a standardized developmental screening tool;

Notes for Data-Users

The AAP recommends that all children should be screened for developmental delays during their regular well-check visits at 9, 18, and 24 or 30 months. This measure uses age-appropriate questions to verify whether young children received standardized developmental, behavioral and social screening using a parent-reported, standardized screening tool or instrument. Parent respondents for all children between 9 months and 5 years old were asked the following question: "During the past 12 months, did a doctor or other health care provider have you or another caregiver fill out a questionnaire about specific concerns or observations you may have about this child's development, communication, or social behaviors?" (K6Q12). If the response to K6Q12 was "Yes", parents were asked if the questionnaire covered language or social development (K6Q13 and K6Q13A, respectively, for ages 9-23 months, and K6Q14A and K6Q14B for ages 2-5 years). The measure is considered missing if both types of contents are missing.

Revisions and Changes

This measure did not change from the 2017 NSCH, therefore the results may be compared.

SPSS Syntax and Annotation

```

COMPUTE both_9to23 = 999.
IF K6Q13A = 2 or K6Q13B = 2 both_9to23 = 2.
IF (K6Q13A = 1 or K6Q13A = 99) and (K6Q13B = 1 or K6Q13B = 99) both_9to23 = 1.
IF K6Q13A =99 and K6Q13B = 99 both_9to23= 99.
IF K6Q12 = 2 both_9to23 = 2.
IF SC_AGE_LT9 = 1 both_9to23= 95.
IF SC_AGE_YEARS > 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"
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.

```

Child and Family Health Measures – Health Care Access and Quality

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

```
COMPUTE DevScrnng_18 = 999.  
IF both_9to23 = 1 or both_24to35 = 1 DevScrnng_18 = 1.  
IF K6Q12 = 2 DevScrnng_18 = 2.  
IF both_9to23 = 2 or both_24to35 = 2 DevScrnng_18 = 2.  
IF both_9to23 = 99 or both_24to35 = 99 DevScrnng_18 = 99.  
IF K6Q12 = 99 DevScrnng_18 = 99.  
IF SC_AGE_LT9 = 1 or (SC_AGE_YEARS>2 and SC_AGE_YEARS<6) DevScrnng_18 = 95.  
IF SC_AGE_YEARS > 5 DevScrnng_18 = 90.  
VARIABLE LABELS DevScrnng_18 "Indicator 4.10: Children who received a developmental screening  
using a parent-completed screening tool, age 9-35 months".  
VALUE LABELS DevScrnng_18  
1 "Parent completed developmental screening"  
2 "Parent did not complete developmental screening"  
99 "Missing"  
90 "Children age 6-17 years"  
95 "Children age 0-8 months or 3-5 years".  
MISSING VALUES DevScrnng_18(90,95,99).  
EXECUTE.
```

Indicator 4.11	Special services for developmental needs (SpecServ_18)
Description	Is this child currently receiving special services to meet his or her developmental needs such as speech, occupational, or behavioral therapy?
Survey Items Used	Survey instrument item number for children 0-5 years: C34, C36; for children 6-11 years: C32, C34; for children 12-17 years: C33, C35 Variables in public use data file: K4Q36; K4Q38
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who currently receive special services to meet child's developmental needs; Children who do not currently receive special services to meet child's developmental needs
Notes for Data-Users	
N/A	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE SpecServ_18 = K4Q38. IF K4Q36 = 2 SpecServ_18 = 2. IF K4Q36 = 99 SpecServ_18 = 99. VARIABLE LABELS SpecServ_18 "Indicator 4.11: Children currently receive special services to meet child's developmental needs such as speech, occupational or behavioral therapy". VALUE LABELS SpecServ_18 1 "Currently receive special services" 2 "Do not currently receive special services" 99 "Missing". MISSING VALUES SpecServ_18(99). FORMATS SpecServ_18(f2.0). EXECUTE. </pre>	

Indicator 4.11a	Age started receiving special services for developmental needs
Description	How old was this child when he or she began receiving special services?
Survey Items Used	Survey instrument item number for children 0-5 years: C35; for children 6-11 years: C33; for children 12-17 years: C34 Variable in public use data file: K4Q37
Denominator	Children age 0-17 years who ever received special services
Numerator/Response Categories	Children who received special services when they were 2 years old or younger; 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 and Changes	This measure did not change from the 2017 NSCH, therefore the results may be compared.
SPSS Syntax and Annotation	<p>RECODE K4Q37 (0 thru 2=1) (3 thru 5=2) (6 thru 17=3) (99=99) into SpSerAge_18. IF K4Q37 = 99 SpSerAge_18 = 99. IF K4Q36 = 2 SpSerAge_18 = 0. IF K4Q36 = 99 SpSerAge_18 = 99.</p> <p>VARIABLE LABELS SpSerAge_18 "Indicator 4.11a: Age start receiving special services to meet child's developmental needs such as speech, occupational or behavioral therapy".</p> <p>VALUE LABELS SpSerAge_18 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".</p> <p>MISSING VALUES SpSerAge_18(0,99). FORMATS SpSerAge_18(f2.0). EXECUTE.</p>

Indicator 4.12	Medical home (MedHome_18)
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: C10,C11, D1-D12; for children 6-11 years: C8,C9,D1-D12; for children 12-17 years: C9,C10, D1-D12 Variables in public use data file: K4Q01; K4Q02_R; K4Q04_R; K5Q10; K5Q11; K5Q20_R; K5Q21; K5Q22; K5Q30; K5Q31_R; K5Q32; K5Q40; K5Q41; K5Q42; K5Q43; K5Q44
Denominator	Children age 0-17 years
Numerator/Response Categories	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. In the 2018 NSCH, the presence of a medical home was measured by a composite measure based on five components constructed from a total of 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. Additionally, any children who needed referrals or care coordination must also meet criteria for those components in order to qualify as having a medical home. Children with a valid, positive response to at least one component and the remainder of the components were missing or legitimately skipped are categorized as having a medical home. Further information about the Medical Home concept and measurement is available on the Data Resource Center Medical Home portal. The medical home manual developed by the CAHMI is available on the DRC website.</p>	
Revisions and Changes	
<p>Though there were small changes to a few items which are used to score this measure, the overall concept of medical home and how it is measured in the survey did not change; therefore the results may be compared. For more information about the changes, click here.</p>	
SPSS Syntax and Annotation	
<p>***Indicator 4.12a: Medical Home Component: Personal doctor or nurse</p> <pre>COMPUTE PerDrNs_18 = 999. IF K4Q04_R = 1 or K4Q04_R = 2 PerDrNs_18 = 1. IF K4Q04_R = 3 PerDrNs_18 = 2.</pre>	

```

IF K4Q04_R=99 PerDrNs_18 = 99.
VARIABLE LABELS PerDrNs_18 "Indicator 4.12a: Medical Home Component: Children with a personal
doctor or nurse".
VALUE LABELS PerDrNs_18
1 "Yes, have at least one personal doctor or nurse"
2 "Do not have a personal doctor or nurse"
99 "Missing".
MISSING VALUES PerDrNs_18(99).
FORMATS PerDrNs_18(f4.0).

```

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

```

COMPUTE UsualSck_18 = 999.
IF K4Q01 = 1 and (K4Q02_R=1 or K4Q02_R=3 or K4Q02_R=4 or K4Q02_R=5 or K4Q02_R=6 or
K4Q02_R=7) UsualSck_18 = 1.
IF K4Q01 = 2 or K4Q02_R = 2 UsualSck_18 = 2.
IF K4Q01=99 or K4Q02_R=99 UsualSck_18 = 99.
VARIABLE LABELS UsualSck_18 "Usual sources for sick care".
VALUE LABELS UsualSck_18
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_18 = 999.
IF S4Q01 = 2 time_18 = 0.
IF K5Q40 = 3 or K5Q40 = 4 time_18 = 3.
IF K5Q40 = 2 time_18 = 2.
IF K5Q40 = 1 time_18 = 1.
IF K5Q40 = 99 time_18 = 99.
VARIABLE LABELS time_18 "Doctors spent enough time with children".
VALUE LABELS time_18
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_18(99).

```

```

COMPUTE listen_18 = 999.
IF S4Q01 = 2 listen_18 = 0.
IF K5Q41 =3 or K5Q41 = 4 listen_18 = 3.
IF K5Q41 = 2 listen_18 = 2.
IF K5Q41 = 1 listen_18 = 1.
IF K5Q41 = 99 listen_18 = 99.
VARIABLE LABELS listen_18 "Doctors listened carefully to children's parents".
VALUE LABELS listen_18
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_18(99).

COMPUTE sensitiv_18 = 999.

IF S4Q01 = 2 sensitiv_18 = 0.

IF K5Q42 = 3 or K5Q42 = 4 sensitiv_18 = 3.

IF K5Q42 = 2 sensitiv_18 = 2.

IF K5Q42 = 1 sensitiv_18 = 1.

IF K5Q42 = 99 sensitiv_18 = 99.

VARIABLE LABELS sensitiv_18 "Doctors showed sensitivity to children's family's values and customs".

VALUE LABELS sensitiv_18

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_18(99).

COMPUTE info_18 = 999.

IF S4Q01 = 2 info_18 = 0.

IF K5Q43 = 3 or K5Q43 = 4 info_18 = 3.

IF K5Q43 = 2 info_18 = 2.

IF K5Q43 = 1 info_18 = 1.

IF K5Q43 = 99 info_18 = 99.

VARIABLE LABELS info_18 "Doctors provided information specific to parents' concerns".

VALUE LABELS info_18

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_18(99).

COMPUTE partner_18 = 999.

IF S4Q01 = 2 partner_18 = 0.

IF K5Q44 = 3 or K5Q44 = 4 partner_18 = 3.

IF K5Q44 = 2 partner_18 = 2.

IF K5Q44 = 1 partner_18 = 1.

IF K5Q44 = 99 partner_18 = 99.

VARIABLE LABELS partner_18 "Doctors helped parents to feel like partners in child's care".

VALUE LABELS partner_18

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_18(99).

MISSING VALUES time_18 listen_18 sensitiv_18 info_18 partner_18().

COMPUTE FamCent_18 = 999.

IF (time_18 = 3 or time_18=99) or (listen_18 = 3 or listen_18 =99) or (sensitiv_18 = 3 or sensitiv_18=99) or

(info_18 = 3 or info_18=99) or

(partner_18 = 3 or partner_18=99) FamCent_18 = 2.

Child and Family Health Measures – Health Care Access and Quality

```
IF (time_18=1 or time_18=2 or time_18=99) and (listen_18=1 or listen_18=2 or listen_18=99) and  
(sensitiv_18=1 or sensitiv_18=2 or sensitiv_18=99) and  
(info_18=1 or info_18=2 or info_18=99) and (partner_18=1 or partner_18=2 or partner_18=99)  
FamCent_18 = 1.  
IF time_18 = 0 FamCent_18 = 0.  
IF time_18 = 99 and listen_18 = 99 and sensitiv_18 = 99 and info_18 = 99 and partner_18 = 99  
FamCent_18 = 99.  
VARIABLE LABELS FamCent_18 "Indicator 4.12c: Medical Home Component: Family-centered care".  
VALUE LABELS FamCent_18  
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 all".  
MISSING VALUES FamCent_18(0,99).
```

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

```
COMPUTE NoRefPrb_18 = K5Q11.  
IF K5Q10=99 NoRefPrb_18 = 99.  
IF K5Q10 = 2 NoRefPrb_18 = 0.  
VARIABLE LABELS NoRefPrb_18 "Indicator 4.12d: Medical Home Component: Difficulties getting needed  
referrals, all children".  
VALUE LABELS NoRefPrb_18  
0 "Did not need referrals during the past 12 months"  
1 "Did not have difficulty getting referral, when needed"  
2 "Somewhat difficult to get referrals, when needed"  
3 "Very difficult to get referrals, when needed"  
4 "It was not possible to get a refferal, when needed"  
99 "Missing".  
MISSING VALUES NoRefPrb_18(99).
```

**Care coordination

```
COMPUTE DrComm_18 = 999.  
IF K5Q30 = 1 DrComm_18 = 1.  
IF K5Q30 = 2 DrComm_18 = 2.  
IF K5Q30 = 3 or K5Q30 = 4 DrComm_18 = 3.  
IF K5Q30 = 99 DrComm_18 = 99.  
IF K5Q20_R = 3 or S4Q01 = 2 DrComm_18 = 0.  
VARIABLE LABELS DrComm_18 "Satisfaction with communication among child's doctor and other health  
care provider".  
VALUE LABELS DrComm_18  
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_18().
```

```
COMPUTE CareHelp_18 = 999.  
IF K5Q22 = 1 CareHelp_18 = 1.  
IF K5Q20_R = 1 and K5Q21 = 2 CareHelp_18 = 1.  
IF K5Q22 = 2 or K5Q22 = 3 CareHelp_18 = 2.
```

```

IF K5Q21 = 99 or K5Q22 =99 CareHelp_18 = 99.
IF K5Q20_R = 99 CareHelp_18 = 99.
IF K5Q20_R = 3 or S4Q01 = 2 CareHelp_18 = 0.
IF K5Q20_R = 2 and K5Q21 = 2 CareHelp_18 = 0.
IF S4Q01 = 99 CareHelp_18 = 99.

```

VARIABLE LABELS CareHelp_18 "Got all needed extra help with care coordination when needed".

VALUE LABELS CareHelp_18

```

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_18 = 999.

```
IF S4Q01 = 2 or K5Q31_R = 2 or K5Q31_R = 3 OthComm_18 = 0.
```

```
IF K5Q32 = 1 OthComm_18 = 1.
```

```
IF K5Q32 = 2 or K5Q32 = 3 or K5Q32 = 4 OthComm_18 = 2.
```

```
IF K5Q32 = 99 OthComm_18 = 99.
```

```
IF K5Q31_R = 99 OthComm_18 = 99.
```

VARIABLE LABELS OthComm_18 "Satisfaction with communication among child's doctors and school, child care provider, or special education program".

VALUE LABELS OthComm_18

```
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_18 DrComm_18 OthComm_18().

COMPUTE CareCoor_18 = 999.

```
IF (CareHelp_18 = 2 or CareHelp_18=99) or (DrComm_18 = 2 or DrComm_18 = 3 or DrComm_18=99) or (OthComm_18 = 2 or OthComm_18=99) CareCoor_18 = 2.
```

```
IF (CareHelp_18 = 0 or CareHelp_18 = 1 or CareHelp_18=99) and (DrComm_18=0 or DrComm_18 =1 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 1 or OthComm_18=99) CareCoor_18 = 1.
```

```
IF (CareHelp_18 = 0 or CareHelp_18=99) and (DrComm_18 = 0 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 99) CareCoor_18 = 0.
```

```
IF CareHelp_18 = 99 and DrComm_18 = 99 and OthComm_18 = 99 CareCoor_18 = 99.
```

VARIABLE LABELS CareCoor_18 "Indicator 4.12e: Medical Home Component: Effective care coordination, all children".

VALUE LABELS CareCoor_18

```
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 all".
```

MISSING VALUES CareCoor_18(99).

MISSING VALUES PerDrNs_18 UsualSck_18 FamCent_18 NoRefPrb_18 CareCoor_18().

***Medical Home

COMPUTE MedHome_18 = 999.

```
IF (PerDrNs_18 = 1 or PerDrNs_18=99) and (UsualSck_18 = 1 or UsualSck_18=99) and (NoRefPrb_18=1 or NoRefPrb_18 =0 or NoRefPrb_18=99) and (FamCent_18=1 or FamCent_18=0 or FamCent_18=99) and (CareCoor_18=1 or CareCoor_18=0 or
```

Child and Family Health Measures – Health Care Access and Quality

CareCoor_18=99) MedHome_18 = 1.
IF PerDrNs_18 = 2 or UsualSck_18 = 2 or (NoRefPrb_18 = 2 or NoRefPrb_18=3 or NoRefPrb_18=4) or FamCent_18 = 2 or CareCoor_18 = 2 MedHome_18 = 2.
IF PerDrNs_18 = 99 and UsualSck_18 = 99 and (FamCent_18 = 99 or FamCent_18 = 0) and (NoRefPrb_18 = 99 or NoRefPrb_18=0) and (CareCoor_18 = 99 or CareCoor_18 = 0) MedHome_18 = 99.
VARIABLE LABELS MedHome_18 "Indicator 4.12: Children receiving coordinated, ongoing, comprehensive care within a medical home".
VALUE LABELS MedHome_18
1 "Care MEETS medical home criteria"
2 "Care DOES NOT meet medical home criteria"
99 "Missing to all".
MISSING VALUES MedHome_18(99).

Indicator 4.12a	Personal doctor or nurse (PerDrNs_18)
Description	Do you have one or more persons you think of as this child's personal doctor or nurse?
Survey Items Used	Survey instrument item number for children 0-5 years: D1; for children 6-11 years: D1; for children 12-17 years: D1 Variable in public use data file: K4Q04_R
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who have at least one personal doctor or nurse; Children who do not have a personal doctor or nurse
Notes for Data-Users	
This measure is one of the five components of the composite Medical Home measure and was derived directly from a single item (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. 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.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE PerDrNs_18 = 999. IF K4Q04_R = 1 or K4Q04_R = 2 PerDrNs_18 = 1. IF K4Q04_R = 3 PerDrNs_18 = 2. IF K4Q04_R=99 PerDrNs_18 = 99. VARIABLE LABELS PerDrNs_18 "Indicator 4.12a: Medical Home Component: Children with a personal doctor or nurse". VALUE LABELS PerDrNs_18 1 "Yes, have at least one personal doctor or nurse" 2 "Do not have a personal doctor or nurse" 99 "Missing". MISSING VALUES PerDrNs_18(99). FORMATS PerDrNs_18(f4.0). </pre>	

Indicator 4.12b	Usual source for sick care (UsualSck_18)
Description	Does this child have a place that he or she usually goes to first when he or she is sick or a caregiver needs advice about his or her health?
Survey Items Used	Survey instrument item number for children 0-5 years: C10, C11; for children 6-11 years: C8, C9; for children 12-17 years: C9, C10 Variables in public use data file: K4Q01; K4Q02_R
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who usually go to a certain provider or clinic when they are sick; Children with no usual source for 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). Criteria for meeting this component of the Medical Home measure are: having a usual place for sick care (K4Q01) that is categorized in K4Q02_R as a doctor's office, hospital outpatient department, clinic or health center, retail store clinic or "Minute clinic", school (nurse's office, athletic trainer's office), or some other place. Responses indicating that the child does not have a usual source of care (K4Q01 =2) or that the place of care is a hospital emergency room (K4Q02_R=2) is defined as not having a usual source of care for sick care.</p>	
Revisions and Changes	
<p>In 2018, content of this measure did not change from the 2017 NSCH. In 2018, the wording of the question changed referring to places the respondent or another caregiver usually take the child when he or she is sick or they need advice about the child's health. For more information about the change click here.</p>	
SPSS Syntax and Annotation	
<pre> COMPUTE UsualSck_18 = 999. IF K4Q01 = 1 and (K4Q02_R=1 or K4Q02_R=3 or K4Q02_R=4 or K4Q02_R=5 or K4Q02_R=6 or K4Q02_R=7) UsualSck_18 = 1. IF K4Q01 = 2 or K4Q02_R = 2 UsualSck_18 = 2. IF K4Q01=99 or K4Q02_R=99 UsualSck_18 = 99. VARIABLE LABELS UsualSck_18 "Usual sources for sick care". VALUE LABELS UsualSck_18 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 (FamCent_18)
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/Response Categories	Children who did not receive family-centered care; Children who received family-centered care
Notes for Data-Users	
This measure represents the Family-centered care component of the Medical Home composite measure. Family-centered care is comprised of responses to five experience-of-care questions: spends enough time with child (K5Q40), listens carefully to you (K5Q41), sensitive to family values/customs (K5Q42), gives needed information (K5Q43), and family feels like partner (K5Q44). The composite family centered care measure is only considered missing if all components are missing. Therefore, children with a valid "Usually" or "Always" response to at least one item and the remainder of the items were missing are categorized as receiving family-centered care. Children who had no health care visits in the past twelve months were not included in this measure.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE time_18 = 999. IF S4Q01 = 2 time_18 = 0. IF K5Q40 = 3 or K5Q40 = 4 time_18 = 3. IF K5Q40 = 2 time_18 = 2. IF K5Q40 = 1 time_18 = 1. IF K5Q40 = 99 time_18 = 99. VARIABLE LABELS time_18 "Doctors spent enough time with children". VALUE LABELS time_18 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_18(99). COMPUTE listen_18 = 999. IF S4Q01 = 2 listen_18 = 0. IF K5Q41 = 3 or K5Q41 = 4 listen_18 = 3. IF K5Q41 = 2 listen_18 = 2. IF K5Q41 = 1 listen_18 = 1. IF K5Q41 = 99 listen_18 = 99. VARIABLE LABELS listen_18 "Doctors listened carefully to children's parents". VALUE LABELS listen_18 </pre>	

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_18(99).

COMPUTE sensitiv_18 = 999.

IF S4Q01 = 2 sensitiv_18 = 0.

IF K5Q42 = 3 or K5Q42 = 4 sensitiv_18 = 3.

IF K5Q42 = 2 sensitiv_18 = 2.

IF K5Q42 = 1 sensitiv_18 = 1.

IF K5Q42 = 99 sensitiv_18 = 99.

VARIABLE LABELS sensitiv_18 "Doctors showed sensitivity to children's family's values and customs".

VALUE LABELS sensitiv_18

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_18(99).

COMPUTE info_18 = 999.

IF S4Q01 = 2 info_18 = 0.

IF K5Q43 = 3 or K5Q43 = 4 info_18 = 3.

IF K5Q43 = 2 info_18 = 2.

IF K5Q43 = 1 info_18 = 1.

IF K5Q43 = 99 info_18 = 99.

VARIABLE LABELS info_18 "Doctors provided information specific to parents' concerns".

VALUE LABELS info_18

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_18(99).

COMPUTE partner_18 = 999.

IF S4Q01 = 2 partner_18 = 0.

IF K5Q44 = 3 or K5Q44 = 4 partner_18 = 3.

IF K5Q44 = 2 partner_18 = 2.

IF K5Q44 = 1 partner_18 = 1.

IF K5Q44 = 99 partner_18 = 99.

VARIABLE LABELS partner_18 "Doctors helped parents to feel like partners in child's care".

VALUE LABELS partner_18

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_18(99).

MISSING VALUES time_18 listen_18 sensitiv_18 info_18 partner_18().

```
COMPUTE FamCent_18 = 999.  
IF (time_18 = 3 or time_18=99) or (listen_18 = 3 or listen_18 =99) or (sensitiv_18 = 3 or sensitiv_18=99) or  
(info_18 = 3 or info_18=99) or  
(partner_18 = 3 or partner_18=99) FamCent_18 = 2.  
IF (time_18=1 or time_18=2 or time_18=99) and (listen_18=1 or listen_18=2 or listen_18=99) and  
(sensitiv_18=1 or sensitiv_18=2 or sensitiv_18=99) and  
(info_18=1 or info_18=2 or info_18=99) and (partner_18=1 or partner_18=2 or partner_18=99)  
FamCent_18 = 1.  
IF time_18 = 0 FamCent_18 = 0.  
IF time_18 = 99 and listen_18 = 99 and sensitiv_18 = 99 and info_18 = 99 and partner_18 = 99  
FamCent_18 = 99.  
VARIABLE LABELS FamCent_18 "Indicator 4.12c: Medical Home Component: Family-centered care".  
VALUE LABELS FamCent_18  
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 all".  
MISSING VALUES FamCent_18(0,99).
```

Indicator 4.12d	Difficulties getting referrals (NoRefPrb_18)
Description	During the past 12 months, how difficult was it for this child to get referrals to see any doctors or receive any services?
Survey Items Used	Survey instrument item number for children 0-5 years: D2,D3; for children 6-11 years: D2,D3; for children 12-17 years: D2,D3; Variable in public use data file: K5Q10; K5Q11
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who did not need referrals; Children who needed referrals and did not have difficulties getting them; Children who needed referrals and it was somewhat difficult to get referrals to see any doctors or receive any services; Children who needed referrals and it was very difficult to get referrals to see any doctors or receive any services; Children who needed referrals but it was not possible to get a referral
Notes for Data-Users	
This measure is one of the five components of the composite Medical Home measure and was derived based on two questions: "Needed referral to see doctors or receive any services during the past 12 months" (K5Q10) and "How difficult was it to get referrals to see any doctors or receive any services?" (K5Q11). Those who needed referrals ("Yes" to K5Q10=1) were coded according to whether it was "not difficult" (K5Q11=1), "somewhat difficult" (K5Q11=2), "very difficult" (K5Q11=3) or "not possible" to get them. Children whose response for K5Q10 was "No" (K5Q10=2) were coded as not needing referrals.	
Revisions and Changes	
In 2017 the item was worded to ask how much of a problem it was to get referrals. The answers were no problem, somewhat of a problem or a big problem. The question was reworded in 2018 to ask how difficult it was to receive a referral, with corresponding response options changed to not difficult, somewhat difficult and very difficult. Because of this change this measure is not comparable across years. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE NoRefPrb_18 = K5Q11. IF K5Q10=99 NoRefPrb_18 = 99. IF K5Q10 = 2 NoRefPrb_18 = 0. VARIABLE LABELS NoRefPrb_18 "Indicator 4.12d: Medical Home Component: Difficulties getting needed referrals, all children". VALUE LABELS NoRefPrb_18 0 "Did not need referrals during the past 12 months" 1 "Did not have difficulty getting referral, when needed" 2 "Somewhat difficult to get referrals, when needed" 3 "Very difficult to get referrals, when needed" 4 "It was not possible to get a referral, when needed" 99 "Missing". MISSING VALUES NoRefPrb_18(99). </pre>	

Indicator 4.12e	Effective care coordination (CareCoor_18)
Description	Did this child receive effective care coordination? (details)
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 Variables in public use data file: K5Q20_R; K5Q21; K5Q22; K5Q30; K5Q31_R; K5Q32
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who received needed care coordination; Children who did not receive needed 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. The denominator of this measure includes only children who needed care coordination. Please see the measure Indicator 4.12e: Effective care coordination for further information on how many children did not need care coordination in the past 12 months. That data will show the percentage of children who received all needed coordination out of all children, even those who did not need care coordination.</p> <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 having received effective care coordination.</p>	
Revisions and Changes	
<p>The content and scoring of this measure did not change from the 2017 NSCH, therefore the results may be compared.</p>	
SPSS Syntax and Annotation	
<pre> COMPUTE DrComm_18 = 999. IF K5Q30 = 1 DrComm_18 = 1. IF K5Q30 = 2 DrComm_18 = 2. IF K5Q30 = 3 or K5Q30 = 4 DrComm_18 = 3. IF K5Q30 = 99 DrComm_18 = 99. IF K5Q20_R = 3 or S4Q01 = 2 DrComm_18 = 0. VARIABLE LABELS DrComm_18 "Satisfaction with communication among child's doctor and other health care provider". VALUE LABELS DrComm_18 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_18(). </pre>	

```

COMPUTE CareHelp_18 = 999.
IF K5Q22 = 1 CareHelp_18 = 1.
IF K5Q20_R = 1 and K5Q21 = 2 CareHelp_18 = 1.
IF K5Q22 = 2 or K5Q22 = 3 CareHelp_18 = 2.
IF K5Q21 = 99 or K5Q22 = 99 CareHelp_18 = 99.
IF K5Q20_R = 99 CareHelp_18 = 99.
IF K5Q20_R = 3 or S4Q01 = 2 CareHelp_18 = 0.
IF K5Q20_R = 2 and K5Q21 = 2 CareHelp_18 = 0.
IF S4Q01 = 99 CareHelp_18 = 99.

```

VARIABLE LABELS CareHelp_18 "Got all needed extra help with care coordination when needed".

VALUE LABELS CareHelp_18

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_18 = 999.

```

```

IF S4Q01 = 2 or K5Q31_R = 2 or K5Q31_R = 3 OthComm_18 = 0.

```

```

IF K5Q32 = 1 OthComm_18 = 1.

```

```

IF K5Q32 = 2 or K5Q32 = 3 or K5Q32 = 4 OthComm_18 = 2.

```

```

IF K5Q32 = 99 OthComm_18 = 99.

```

```

IF K5Q31_R = 99 OthComm_18 = 99.

```

VARIABLE LABELS OthComm_18 "Satisfaction with communication among child's doctors and school, child care provider, or special education program".

VALUE LABELS OthComm_18

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_18 DrComm_18 OthComm_18().

```

COMPUTE CareCoor_18 = 999.

```

```

IF (CareHelp_18 = 2 or CareHelp_18=99) or (DrComm_18 = 2 or DrComm_18 = 3 or DrComm_18=99) or (OthComm_18 = 2 or OthComm_18=99) CareCoor_18 = 2.

```

```

IF (CareHelp_18 = 0 or CareHelp_18 = 1 or CareHelp_18=99) and (DrComm_18=0 or DrComm_18 =1 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 1 or OthComm_18=99) CareCoor_18 = 1.

```

```

IF (CareHelp_18 = 0 or CareHelp_18=99) and (DrComm_18 = 0 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 99) CareCoor_18 = 0.

```

```

IF CareHelp_18 = 99 and DrComm_18 = 99 and OthComm_18 = 99 CareCoor_18 = 99.

```

VARIABLE LABELS CareCoor_18 "Indicator 4.12e: Medical Home Component: Effective care coordination, all children".

VALUE LABELS CareCoor_18

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 all".

MISSING VALUES CareCoor_18(99).

****Individual components of Care coordination

*Family gets help with coordinating child's health care

RECODE K5Q20_R

(99=99) (3=95) (else=copy) into HelpCoord_18.

IF S4Q01 = 2 HelpCoord_18 = 95.

VARIABLE LABELS HelpCoord_18 "Family got help with coordinating child's health care in the past 12 months, among those who needed".

VALUE LABELS HelpCoord_18

2 "No"

1 "Yes"

99 "Missing"

95 "Did not see more than one health care provider in past 12 months".

MISSING VALUES HelpCoord_18(95,99).

FORMATS HelpCoord_18(f4.0).

EXECUTE.

*Needed extra help to coordinate child's health care

COMPUTE ExtraHelp_18 = K5Q21.

IF S4Q01 = 2 or K5Q20_R = 3 ExtraHelp_18 = 95.

VARIABLE LABELS ExtraHelp_18 "Family needed extra help to coordinate child's health care".

VALUE LABELS ExtraHelp_18

2 "No"

1 "Yes"

99 "Missing"

95 "Did not see more than one health care provider in past 12 months".

MISSING VALUES ExtraHelp_18(95,99).

FORMATS ExtraHelp_18(f4.0).

EXECUTE.

*Got all needed extra help with care coordination

COMPUTE AllExtraHelp_18 = K5Q22.

IF S4Q01 = 2 or K5Q20_R = 3 or K5Q21 = 2 AllExtraHelp_18 = 95.

VARIABLE LABELS AllExtraHelp_18 "Got all needed extra help with care coordination".

VALUE LABELS AllExtraHelp_18

1 "Usually got help that was needed"

2 "Sometimes got help that was needed"

3 "Never got help that was needed"

99 "Missing"

95 "Did not see more than one health care provider/did not need extra help".

MISSING VALUES AllExtraHelp_18(95,99).

FORMATS AllExtraHelp_18(f4.0).

EXECUTE.

* Satisfaction with communication among child's doctor and other health care providers

COMPUTE DrCommR_18 = 999.

IF K5Q30 = 1 DrCommR_18 = 1.

IF K5Q30 = 2 DrCommR_18 = 2.

IF K5Q30 = 3 or K5Q30 = 4 DrCommR_18 = 3.

IF K5Q30=99 DrCommR_18 = 99.

IF K5Q20_R = 3 or S4Q01 = 2 DrCommR_18 = 0.

VARIABLE LABELS DrCommR_18 "Satisfaction with communication among child's doctor and other health

care provider".

VALUE LABELS DrCommR_18

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 DrCommR_18(0,99).

*Need for child's doctors to communicate with his/her school, special education program, etc

RECODE K5Q31_R

(1=1) (2 thru 3=2) (99 = 99) into OtherComm_18.

IF S4Q01 = 2 OtherComm_18 = 95.

VARIABLE LABELS OtherComm_18 "Child's doctors communicate with his/her school, special education program, etc".

VALUE LABELS OtherComm_18

1 "Doctors communicate with child's school, etc"

2 "Doctors did not communicate with school etc. or No communication needed"

95 "Did not have any health care visit in past 12 months"

99 "Missing".

MISSING VALUES OtherComm_18(95,99).

FORMATS OtherComm_18(f4.0).

EXECUTE.

*Satisfaction with communication of child's doctors with his/her school, etc.

RECODE K5Q32

(1=1) (2 thru 4=2) (99 = 99) into SatOthComm_18.

IF S4Q01 = 2 SatOthComm_18 = 95.

IF K5Q31_R = 2 or K5Q31_R = 3 SatOthComm_18 = 96.

VARIABLE LABELS SatOthComm_18 "Satisfaction with communication of child's doctors with his/her school, etc".

VALUE LABELS SatOthComm_18

1 "Very satisfied"

2 "Less than very satisfied"

95 "Did not have any health care visit in past 12 months"

96 "Doctors did not communicate with child's school, etc or No communication needed"

99 "Missing".

FORMATS SatOthComm_18(f4.0).

MISSING VALUES SatOthComm_18(95,96,99).

Indicator 4.14	Shared decision-making (ShareDec_18)
Description	Did this child have a family who partnered in shared decision-making for the 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: BESTFORCHILD; DECISIONS; DISCUSSOPT; RAISECONC
Denominator	Children age 0-17 years who had a health care visit in the past 12 months
Numerator/Response Categories	Children whose families usually or always feel that they are partners in decision making around issues important to their child's health when decisions were needed; Children whose families sometimes or never feel that they are partners in decision making around issues important to their child's health; No health-related decisions were 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 what health care and treatment choices would be best for the child. Children with a valid, positive response (usually or always) to at least one component and the remainder of the components were missing are categorized as families feel that they are partners in decision making.</p> <p>The question was asked only if the child had a health care visit in the past 12 months.</p>	
Revisions and Changes	
<p>The lead-in question asking if the child needed decisions made about their care which might require shared decision making changed in 2018. The phrasing changed from "were any decisions needed..." to "did this child need any decisions...". Due to changes in the wording of the question in 2018, the prevalence estimate for children who needed decisions is not comparable with the 2017 NSCH. Therefore, the measure was displayed among children who had a health care visit and needed shared decision making. For more information about the changes, click here.</p>	
SPSS Syntax and Annotation	
<pre> COMPUTE DiscussOpt_18 = 999. IF DECISIONS = 2 DiscussOpt_18 = 0. IF DISCUSSOPT = 1 DiscussOpt_18 = 1. IF DISCUSSOPT = 2 DiscussOpt_18 = 2. IF DISCUSSOPT = 3 or DISCUSSOPT = 4 DiscussOpt_18 = 3. IF DISCUSSOPT = 99 DiscussOpt_18 = 99. IF S4Q01=2 DiscussOpt_18 = 95. VARIABLE LABELS DiscussOpt_18 "Doctors discussed range of health care/treatment options". VALUE LABELS DiscussOpt_18 0 "No decisions needed" 1 "Always" 2 "Usually" 3 "Never/Sometimes" 99 "Missing" </pre>	

95 "Did not have a health care visit".
 MISSING VALUES DiscussOpt_18(0,95,99).
 FORMATS DiscussOpt_18(f2.0).
 EXECUTE.

COMPUTE RaiseConc_18 = 999.
 IF DECISIONS = 2 RaiseConc_18 = 0.
 IF RAISECONC = 1 RaiseConc_18 = 1.
 IF RAISECONC = 2 RaiseConc_18 = 2.
 IF RAISECONC = 3 or RAISECONC = 4 RaiseConc_18 = 3.
 IF RAISECONC = 99 RaiseConc_18 = 99.
 IF S4Q01 = 2 RaiseConc_18 = 95.
 VARIABLE LABELS RaiseConc_18 "Doctors made it easy for parents to raise concerns or disagree with recommendations".
 VALUE LABELS RaiseConc_18
 0 "No decisions needed"
 1 "Always"
 2 "Usually"
 3 "Never/Sometimes"
 99 "Missing"
 95 "Did not have a health care visit".
 MISSING VALUES RaiseConc_18(0,95,99).
 FORMATS RaiseConc_18(f2.0).
 EXECUTE.

COMPUTE BestChoice_18 = 999.
 IF DECISIONS = 2 BestChoice_18 = 0.
 IF BESTFORCHILD=1 BestChoice_18 = 1.
 IF BESTFORCHILD=2 BestChoice_18 = 2.
 IF BESTFORCHILD=3 or BESTFORCHILD=4 BestChoice_18 = 3.
 IF BESTFORCHILD = 99 BestChoice_18 = 99.
 IF S4Q01 = 2 BestChoice_18 = 95.
 VARIABLE LABELS BestChoice_18 "Doctors worked with parents to decide together health care/treatment options".
 VALUE LABELS BestChoice_18
 0 "No decisions needed"
 1 "Always"
 2 "Usually"
 3 "Never/Sometimes"
 99 "Missing"
 95 "Did not have a health care visit".
 MISSING VALUES BestChoice_18(0,95,99).
 FORMATS BestChoice_18(f2.0).
 EXECUTE.

MISSING VALUES DiscussOpt_18 RaiseConc_18 BestChoice_18().

COMPUTE ShareDec_18 = 999.
 IF (DiscussOpt_18 = 3 or DiscussOpt_18=99) or (RaiseConc_18 = 3 or RaiseConc_18=99) or
 (BestChoice_18 = 3 or BestChoice_18 = 99) ShareDec_18 = 2.
 IF (DiscussOpt_18 = 1 or DiscussOpt_18= 2 or DiscussOpt_18=99) and (RaiseConc_18 = 1 or
 RaiseConc_18 = 2 or RaiseConc_18=99) and
 (BestChoice_18 = 1 or BestChoice_18 = 2 or BestChoice_18=99) ShareDec_18 = 1.

Child and Family Health Measures – Health Care Access and Quality

IF DiscussOpt_18 = 99 and RaiseConc_18 = 99 and BestChoice_18 = 99 ShareDec_18 = 99.

IF DECISIONS = 2 or S4Q01=2 ShareDec_18 = 0.

VARIABLE LABELS ShareDec_18 "Indicator 4.14: Children whose families are partners in shared decision-making regarding their child's healthcare for their optimal health".

VALUE LABELS ShareDec_18

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_18(95,99).

FORMATS ShareDec_18(f2.0).

EXECUTE.

Indicator 4.15	Transition to adult health care, age 12-17 years (Transition_18)
Description	Did this child receive services needed for transition to adult health care, age 12-17 years?
Survey Items Used	Survey instrument item number for children 12-17 years: C2; D13, D14, D15c,d Variables in public use data file: CHANGEAGE; DOCPRIVATE; GAINSKILLS; TREATADULT; TREATCHILD
Denominator	Youth age 12-17 years
Numerator/Response Categories	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	
In order to meet the criteria for this measure, youth ages 12-17 years old must meet three components: 1) doctor spoke with child privately without an adult in the room during last preventive check-up; 2) if a discussion about transitioning to adult care was needed it must have happened; and 3) doctors actively worked with child to gain skills and understand changes in health care. If a child has at least one valid positive response to any of these components and the remainder of the components were missing or legitimately skipped, these children were categorized as receiving adequate transition to adult healthcare in the 2018 NSCH scoring of this measure. Respondents with "missing" to all items were set to missing.	
Revisions and Changes	
There were changes in two items that go into scoring this measure: time spent alone with health care provider and discussion of shift to adult health care providers. In 2018, the time alone with health care provider question changed to refer to the last medical care visit of any kind, not just preventive care. The wording of the item on shifting to adult health care providers changed slightly. Though these changes may have slightly impacted the prevalence of the individual items, the overall concept of transition to adult health care and how it is measured in the survey did not change; therefore it is permissible to compare this measure across years. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<p>***Transition Part A: Time alone with health care provider</p> <pre> COMPUTE TimeAlone_18 = 999. IF DOCPRIVATE = 1 TimeAlone_18 = 1. IF DOCPRIVATE = 2 TimeAlone_18 = 2. IF DOCPRIVATE = 99 or S4Q01 =99 TimeAlone_18 = 99. IF S4Q01 = 2 TimeAlone_18 = 2. IF SC_AGE_YEARS < 12 TimeAlone_18 = 90. VARIABLE LABELS TimeAlone_18 "Children who had time alone with health care provider at last medical care visit, age 12-17 years". VALUE LABELS TimeAlone_18 1 "Had time alone with provider" 2 "Did not have time alone with provider/Did not have medical care visit in the past 12 months" 99 "Missing" 90 "Children age 0-11 years". MISSING VALUES TimeAlone_18(). FORMATS TimeAlone_18(f2.0). </pre>	

EXECUTE.

**Transition Part B: Actively worked with the child to manage care transition,

COMPUTE ActiveWork_18 = 2.

IF CHANGEAGE = 1 or GAINSKILLS = 1 ActiveWork_18 = 1.

IF (CHANGEAGE = 3 or CHANGEAGE = 99) and (GAINSKILLS =3 or GAINSKILLS = 99) ActiveWork_18 = 99.

IF SC_AGE_YEARS < 12 ActiveWork_18 = 90.

VARIABLE LABELS ActiveWork_18 "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_18

1 "Met the criteria"

2 "Did not met criteria"

99 "Missing/Don't know"

90 "Children age 0-11 years".

MISSING VALUES ActiveWork_18().

FORMATS ActiveWork_18(f2.0).

EXECUTE.

**Transition Part C: Discussed shift to providers who treat adults

COMPUTE TrtAdult_18 = 999.

IF TREATCHILD = 1 and TREATADULT = 1 TrtAdult_18 = 1.

IF TREATCHILD = 1 and TREATADULT = 2 TrtAdult_18 = 2.

IF TREATCHILD = 99 or TREATADULT = 99 TrtAdult_18 = 99.

IF TREATCHILD = 2 TrtAdult_18 = 95.

IF SC_AGE_YEARS < 12 TrtAdult_18 = 90.

VARIABLE LABELS TrtAdult_18 "Provider discussed shift to adult health care providers if needed, age 12-17 years".

VALUE LABELS TrtAdult_18

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_18(95,99,90).

FORMATS TrtAdult_18(f2.0).

EXECUTE.

MISSING VALUES TimeAlone_18 ActiveWork_18 TrtAdult_18().

***Transition to adult health care

COMPUTE Transition_18 = 999.

IF (TimeAlone_18 = 1 or TimeAlone_18 =99) or (ActiveWork_18 = 1 or ActiveWork_18 =99) or (TrtAdult_18 = 1 or TrtAdult_18=95 or TrtAdult_18=99) Transition_18 = 1.

IF TimeAlone_18 = 2 or ActiveWork_18 = 2 or TrtAdult_18 = 2 Transition_18 = 2.

IF TimeAlone_18 = 99 and ActiveWork_18 = 99 and TrtAdult_18 = 99 Transition_18 = 99.

IF SC_AGE_YEARS < 12 Transition_18 = 90.

VARIABLE LABELS Transition_18 "Indicator 4.15: Adolescents who received services necessary to make planning transitions to adult health care".

VALUE LABELS Transition_18

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_18(90,99).

FORMATS Transition_18(f2.0).

EXECUTE.

***Additional items

COMPUTE GainSkill_18 = GAINSKILLS.

IF SC_AGE_YEARS < 12 GainSkill_18 = 90.

VARIABLE LABELS GainSkill_18 "Doctor worked with child to gain skills to manage health: understanding current health needs, knowing what to do in a medical emergency, or taking medications he or she may need".

VALUE LABELS GainSkill_18

1 "Yes"

2 "No"

3 "Don't know"

90 "Children 0-11 years of age"

99 "Missing".

MISSING VALUES GainSkill_18(90,99).

COMPUTE ChngeAge_18 = CHANGEAGE.

IF SC_AGE_YEARS < 12 ChngeAge_18 = 90.

VARIABLE LABELS ChngeAge_18 "Doctor worked with child to understand health care changes: understanding changes in privacy, consent, access to information, or decision-making".

VALUE LABELS ChngeAge_18

1 "Yes"

2 "No"

3 "Don't Know"

99 "Missing"

90 "Children age 0-11 years".

MISSING VALUES ChngeAge_18(90,99).

COMPUTE PosChoice_18 = POSCHOICE.

IF SC_AGE_YEARS < 12 PosChoice_18 = 90.

VARIABLE LABELS PosChoice_18 "Doctor worked with child to make positive choices: by eating healthy, getting regular exercise, not using tobacco, alcohol or other drugs, or delaying sexual activity".

VALUE LABELS PosChoice_18

1 "Yes"

2 "No"

3 "Don't know"

90 "Children 0-11 years of age"

99 "Missing".

MISSING VALUES PosChoice_18(90,99).

COMPUTE MedHistory_18 = MEDHISTORY.

IF SC_AGE_YEARS < 12 MedHistory_18 = 90.

VARIABLE LABELS MedHistory_18 "Received a summary of the child's medical history, age 12-17 years".

VALUE LABELS MedHistory_18

1 "Yes, received a summary of child's medical history"

2 "No, did not receive a summary of child's medical history"

99 "Missing"

90 "Children age 0-11 years".

MISSING VALUES MedHistory_18(90,99).

EXECUTE.

COMPUTE PlanCare_18 = WRITEPLAN.

IF SC_AGE_YEARS < 12 PlanCare_18 = 90.

VARIABLE LABELS PlanCare_18 "Doctors worked with the child and his/her caregiver to create a plan of care to meet the child's health goals and needs, age 12-17 years".

VALUE LABELS PlanCare_18

1 "Child has a plan of care"

2 "Child does not have plan of care"

99 "Missing"

90 "Children age 0-11 years".

MISSING VALUES PlanCare_18(99,90).

EXECUTE.

COMPUTE PlanAccess_18 = RECEIVECOPY.

IF WRITEPLAN = 2 PlanAccess_18 = 95.

IF WRITEPLAN = 2 = 99 PlanAccess_18 = 99.

IF SC_AGE_YEARS < 12 PlanAccess_18 = 90.

VARIABLE LABELS PlanAccess_18 "Child has access to plan of care to meet her/his specific health care needs".

VALUE LABELS PlanAccess_18

1 "Yes, the child has access to his/her care plan"

2 "No, child does not have access to his/her care plan"

95 "Does not have a plan of care or no valid response to WRITEPLAN"

99 "Missing"

90 "Children age 0-11 years".

MISSING VALUES PlanAccess_18 (95,99,90).

EXECUTE.

COMPUTE PlanNeeds_18 = PLANNEEDS_R.

IF WRITEPLAN = 2 PlanNeeds_18 = 95.

IF WRITEPLAN = 99 PlanNeeds_18 = 99.

IF SC_AGE_YEARS < 12 PlanNeeds_18 = 90.

VARIABLE LABELS PlanNeeds_18 "The child's plan of care address transition to doctors and other health care providers who treat adults, age 12-17 years".

VALUE LABELS PlanNeeds_18

1 "Yes"

2 "No"

3 "No, this child already sees providers who treat adults"

95 "Does not have a plan of care or no valid response to WRITEPLAN"

99 "Missing"

90 "Children age 0-11 years".

MISSING VALUES PlanNeeds_18(90,95,99).

EXECUTE.

COMPUTE InsNeeds_18 = 999.

IF HEALTHKNOW = 1 InsNeeds_18 = 1.

IF KEEPINSADULT = 1 InsNeeds_18 = 1.

IF HEALTHKNOW = 2 and KEEPINSADULT = 2 InsNeeds_18 = 2.

IF KEEPINSADULT = 99 InsNeeds_18 = 99.

IF HEALTHKNOW = 99 InsNeeds_18 = 99.

```
IF SC_AGE_YEARS < 12 InsNeeds_18 = 90.
```

```
VARIABLE LABELS InsNeeds_18 "Children whose family know how their child will be insured or someone  
discussed with them about insurance coverage as the child becomes an adult".
```

```
VALUE LABELS InsNeeds_18
```

```
1 "Know how child will be insured or have discussed"
```

```
2 "Do not know and have not discussed"
```

```
99 "Missing"
```

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

```
MISSING VALUES InsNeeds_18(90,99).
```

```
EXECUTE.
```

Indicator 4.17	System of care (SystCare2_18)
Description	Does 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/Response Categories	Children received care in a well-functioning health system; Children who did not receive care in a well-functioning health system

Notes for Data-Users

There are five age-relevant core measures for children age 0-11 years, and six age-relevant core measures for children age 12-17 years. Those five measures for ages 0-11 years include: the family feels like a partner in their child's care, child has a medical home, child receives early screening, child has adequate insurance, and child has no unmet need or barriers to access services. For adolescents age 12-17 years, preparation for transition to adult healthcare is included in addition to the five measures. If a child has at least one valid positive response to any of these measures and the remainder of the components were missing or legitimately skipped, this child was categorized as receiving care in a well-functioning system in the scoring of this measure. Respondents with "missing" to all items were set to missing.

Revisions and Changes

There were some changes in four of the measures included in the overall system of care measure: shared decision making, medical home, preventive care, and transition to adult care. Though small components of each of those four measures changed between 2017 and 2018, the overall approach to understanding and scoring these concepts did not change; therefore the measure is comparable over time. For more information about the changes, [click here](#).

SPSS Syntax and Annotation

***Continues and adequate insurance coverage

MISSING VALUES CurrIns_18 InsGap_18 InsAdeq_18().

COMPUTE insurance_18 = 1.

IF (InsGap_18 = 1 or InsGap_18 = 99) and (InsAdeq_18 = 1 or InsAdeq_18 = 99) insurance_18 = 1.

IF CurrIns_18 = 2 or InsGap_18 = 2 or InsAdeq_18 = 2 insurance_18 = 2.

IF InsGap_18 = 99 and InsAdeq_18 = 99 insurance_18 = 99.

VARIABLE LABELS insurance_18 "Children who have adequate insurance and were covered entire year".

VALUE LABELS insurance_18

1 "Have adequate insurance covered entire year"

2 "Do not have adequate insurance"

99 "Missing to both".

MISSING VALUES insurance_18 () .

FORMATS insurance_18 (f2.0).

***Received medical and dental preventive care

MISSING VALUES PrevMed_18 PrevDent_18().

COMPUTE MedDentSyst_18 = 999.

IF (PrevMed_18 = 1 or PrevMed_18 = 99) and (PrevDent_18=1 or PrevDent_18=95 or PrevDent_18=99)

```

MedDentSyst_18 = 1.
IF PrevMed_18 = 2 or PrevDent_18 = 2 MedDentSyst_18 = 2.
IF PrevMed_18 = 99 and (PrevDent_18 = 99 or PrevDent_18=95) MedDentSyst_18 = 99.
VARIABLE LABELS MedDentSyst_18 "Indicator 4.3: Children received both preventive medical and dental care visits in past 12 months ".
VALUE LABELS MedDentSyst_18
1 "Received preventive medical and dental care"
2 "Did not receive preventive medical and dental care"
99 "Missing to both".

```

***Difficulties in accessing care and always or usually frustrated in effort getting services for their children

```

COMPUTE UnmetFrust_18 = 999.
IF (K4Q27 = 2 or K4Q27 =99) and (C4Q04 = 1  or C4Q04 = 2 or C4Q04 =99) UnmetFrust_18 = 1.
IF K4Q27 = 1 or (C4Q04 = 3 or  C4Q04 = 4) UnmetFrust_18 = 2.
IF K4Q27 = 99 and C4Q04 = 99 UnmetFrust_18 = 99.
VARIABLE LABELS UnmetFrust_18 "Children whose parents had difficulties in accessing care and always or usually frustrated in effort getting services for their children".
VALUE LABELS UnmetFrust_18
1 "No unmet need and frustration"
2 "Experienced unmet need and frustration (usually/alway frustrated)"
99 "Missing".

```

***Shared decition making

```

COMPUTE DiscussOpt_18 = 999.
IF DECISIONS = 2 DiscussOpt_18 = 0.
IF DISCUSSOPT = 1 DiscussOpt_18 = 1.
IF DISCUSSOPT = 2 DiscussOpt_18 = 2.
IF DISCUSSOPT = 3 or DISCUSSOPT = 4 DiscussOpt_18 = 3.
IF DISCUSSOPT = 99 DiscussOpt_18 = 99.
IF S4Q01=2 DiscussOpt_18 = 95.
VARIABLE LABELS DiscussOpt_18 "Doctors discussed range of health care/treatment options".
VALUE LABELS DiscussOpt_18
0 "No decisions needed"
1 "Always"
2 "Usually"
3 "Never/Sometimes"
99 "Missing"
95 "Did not have a health care visit".
MISSING VALUES DiscussOpt_18(0,95,99).
FORMATS DiscussOpt_18(f2.0).
EXECUTE.

```

```

COMPUTE RaiseConc_18 = 999.
IF DECISIONS = 2 RaiseConc_18 = 0.
IF RAISECONC = 1 RaiseConc_18 = 1.
IF RAISECONC = 2 RaiseConc_18 = 2.
IF RAISECONC = 3 or RAISECONC = 4 RaiseConc_18 = 3.
IF RAISECONC = 99 RaiseConc_18 = 99.
IF S4Q01 = 2 RaiseConc_18 = 95.
VARIABLE LABELS RaiseConc_18 "Doctors made it easy for parents to raise concerns or disagree with recommendations".

```

VALUE LABELS RaiseConc_18

0 "No decisions needed"

1 "Always"

2 "Usually"

3 "Never/Sometimes"

99 "Missing"

95 "Did not have a health care visit".

MISSING VALUES RaiseConc_18(0,95,99).

FORMATS RaiseConc_18(f2.0).

EXECUTE.

COMPUTE BestChoice_18 = 999.

IF DECISIONS = 2 BestChoice_18 = 0.

IF BESTFORCHILD=1 BestChoice_18 = 1.

IF BESTFORCHILD=2 BestChoice_18 = 2.

IF BESTFORCHILD=3 or BESTFORCHILD=4 BestChoice_18 = 3.

IF BESTFORCHILD = 99 BestChoice_18 = 99.

IF S4Q01 = 2 BestChoice_18 = 95.

VARIABLE LABELS BestChoice_18 "Doctors worked with parents to decide together health care/treatment options".

VALUE LABELS BestChoice_18

0 "No decisions needed"

1 "Always"

2 "Usually"

3 "Never/Sometimes"

99 "Missing"

95 "Did not have a health care visit".

MISSING VALUES BestChoice_18(0,95,99).

FORMATS BestChoice_18(f2.0).

EXECUTE.

MISSING VALUES DiscussOpt_18 RaiseConc_18 BestChoice_18().

COMPUTE ShareDec_18 = 999.

IF (DiscussOpt_18 = 3 or DiscussOpt_18=99) or (RaiseConc_18 = 3 or RaiseConc_18=99) or
(BestChoice_18 = 3 or BestChoice_18 = 99) ShareDec_18 = 2.

IF (DiscussOpt_18 = 1 or DiscussOpt_18= 2 or DiscussOpt_18=99) and (RaiseConc_18 = 1 or
RaiseConc_18 = 2 or RaiseConc_18=99) and

(BestChoice_18 = 1 or BestChoice_18 = 2 or BestChoice_18=99) ShareDec_18 = 1.

IF DiscussOpt_18 = 99 and RaiseConc_18 = 99 and BestChoice_18 = 99 ShareDec_18 = 99.

IF DECISIONS = 2 or S4Q01=2 ShareDec_18 = 0.

VARIABLE LABELS ShareDec_18 "Indicator 4.14: Children whose families are partners in shared decision-making regarding their child's healthcare for their optimal health".

VALUE LABELS ShareDec_18

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_18(95,99).

FORMATS ShareDec_18(f2.0).

EXECUTE.

**Medical home

```

COMPUTE PerDrNs_18 = 999.
IF K4Q04_R = 1 or K4Q04_R = 2 PerDrNs_18 = 1.
IF K4Q04_R = 3 PerDrNs_18 = 2.
IF K4Q04_R=99 PerDrNs_18 = 99.
VARIABLE LABELS PerDrNs_18 "Indicator 4.12a: Medical Home Component: Children with a personal doctor or nurse".
VALUE LABELS PerDrNs_18
1 "Yes, have at least one personal doctor or nurse"
2 "Do not have a personal doctor or nurse"
99 "Missing".
MISSING VALUES PerDrNs_18(99).
FORMATS PerDrNs_18(f4.0).

COMPUTE UsualSck_18 = 999.
IF K4Q01 = 1 and (K4Q02_R=1 or K4Q02_R=3 or K4Q02_R=4 or K4Q02_R=5 or K4Q02_R=6 or K4Q02_R=7) UsualSck_18 = 1.
IF K4Q01 = 2 or K4Q02_R = 2 UsualSck_18 = 2.
IF K4Q01=99 or K4Q02_R=99 UsualSck_18 = 99.
VARIABLE LABELS UsualSck_18 "Usual sources for sick care".
VALUE LABELS UsualSck_18
1 "Have usual sources for sick care"
2 "Do not have usual sources for sick care"
99 "Missing".

COMPUTE time_18 = 999.
IF S4Q01 = 2 time_18 = 0.
IF K5Q40 = 3 or K5Q40 = 4 time_18 = 3.
IF K5Q40 = 2 time_18 = 2.
IF K5Q40 = 1 time_18 = 1.
IF K5Q40 = 99 time_18 = 99.
VARIABLE LABELS time_18 "Doctors spent enough time with children".
VALUE LABELS time_18
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_18(99).

COMPUTE listen_18 = 999.
IF S4Q01 = 2 listen_18 = 0.
IF K5Q41 =3 or K5Q41 = 4 listen_18 = 3.
IF K5Q41 = 2 listen_18 = 2.
IF K5Q41 = 1 listen_18 = 1.
IF K5Q41 = 99 listen_18 = 99.
VARIABLE LABELS listen_18 "Doctors listened carefully to children's parents".
VALUE LABELS listen_18
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_18(99).

COMPUTE sensitiv_18 = 999.

IF S4Q01 = 2 sensitiv_18 = 0.

IF K5Q42 = 3 or K5Q42 = 4 sensitiv_18 = 3.

IF K5Q42 = 2 sensitiv_18 = 2.

IF K5Q42 = 1 sensitiv_18 = 1.

IF K5Q42 = 99 sensitiv_18 = 99.

VARIABLE LABELS sensitiv_18 "Doctors showed sensitivity to children's family's values and customs".

VALUE LABELS sensitiv_18

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_18(99).

COMPUTE info_18 = 999.

IF S4Q01 = 2 info_18 = 0.

IF K5Q43 = 3 or K5Q43 = 4 info_18 = 3.

IF K5Q43 = 2 info_18 = 2.

IF K5Q43 = 1 info_18 = 1.

IF K5Q43 = 99 info_18 = 99.

VARIABLE LABELS info_18 "Doctors provided information specific to parents' concerns".

VALUE LABELS info_18

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_18(99).

COMPUTE partner_18 = 999.

IF S4Q01 = 2 partner_18 = 0.

IF K5Q44 = 3 or K5Q44 = 4 partner_18 = 3.

IF K5Q44 = 2 partner_18 = 2.

IF K5Q44 = 1 partner_18 = 1.

IF K5Q44 = 99 partner_18 = 99.

VARIABLE LABELS partner_18 "Doctors helped parents to feel like partners in child's care".

VALUE LABELS partner_18

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_18(99).

MISSING VALUES time_18 listen_18 sensitiv_18 info_18 partner_18().

COMPUTE FamCent_18 = 999.

IF (time_18 = 3 or time_18=99) or (listen_18 = 3 or listen_18 =99) or (sensitiv_18 = 3 or sensitiv_18=99) or

(info_18 = 3 or info_18=99) or

(partner_18 = 3 or partner_18=99) FamCent_18 = 2.

```

IF (time_18=1 or time_18=2 or time_18=99) and (listen_18=1 or listen_18=2 or listen_18=99) and
(sensitiv_18=1 or sensitiv_18=2 or sensitiv_18=99) and
(info_18=1 or info_18=2 or info_18=99) and (partner_18=1 or partner_18=2 or partner_18=99)
FamCent_18 = 1.
IF time_18 = 0 FamCent_18 = 0.
IF time_18 = 99 and listen_18 = 99 and sensitiv_18 = 99 and info_18 = 99 and partner_18 = 99
FamCent_18 = 99.
VARIABLE LABELS FamCent_18 "Indicator 4.12c: Medical Home Component: Family-centered care".
VALUE LABELS FamCent_18
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 all".
MISSING VALUES FamCent_18(0,99).

```

```

COMPUTE NoRefPrb_18 = K5Q11.
IF K5Q10=99 NoRefPrb_18 = 99.
IF K5Q10 = 2 NoRefPrb_18 = 0.
VARIABLE LABELS NoRefPrb_18 "Indicator 4.12d: Medical Home Component: Difficulties getting needed
referrals, all children".
VALUE LABELS NoRefPrb_18
0 "Did not need referrals during the past 12 months"
1 "Did not have difficulty getting referral, when needed"
2 "Somewhat difficult to get referrals, when needed"
3 "Very difficult to get referrals, when needed"
4 "It was not possible to get a refferal, when needed"
99 "Missing".
MISSING VALUES NoRefPrb_18(99).

```

```

COMPUTE DrComm_18 = 999.
IF K5Q30 = 1 DrComm_18 = 1.
IF K5Q30 = 2 DrComm_18 = 2.
IF K5Q30 = 3 or K5Q30 = 4 DrComm_18 = 3.
IF K5Q30 = 99 DrComm_18 = 99.
IF K5Q20_R = 3 or S4Q01 = 2 DrComm_18 = 0.
VARIABLE LABELS DrComm_18 "Satisfaction with communication among child's doctor and other health
care provider".
VALUE LABELS DrComm_18
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_18().

```

```

COMPUTE CareHelp_18 = 999.
IF K5Q22 = 1 CareHelp_18 = 1.
IF K5Q20_R = 1 and K5Q21 = 2 CareHelp_18 = 1.
IF K5Q22 = 2 or K5Q22 = 3 CareHelp_18 = 2.
IF K5Q21 = 99 or K5Q22 =99 CareHelp_18 = 99.
IF K5Q20_R = 99 CareHelp_18 = 99.
IF K5Q20_R = 3 or S4Q01 = 2 CareHelp_18 = 0.
IF K5Q20_R = 2 and K5Q21 = 2 CareHelp_18 = 0.

```

```

IF S4Q01 = 99 CareHelp_18 = 99.
VARIABLE LABELS CareHelp_18 "Got all needed extra help with care coordination when needed".
VALUE LABELS CareHelp_18
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_18 = 999.
IF S4Q01 = 2 or K5Q31_R = 2 or K5Q31_R = 3 OthComm_18 = 0.
IF K5Q32 = 1 OthComm_18 = 1.
IF K5Q32 = 2 or K5Q32 = 3 or K5Q32 = 4 OthComm_18 = 2.
IF K5Q32 = 99 OthComm_18 = 99.
IF K5Q31_R = 99 OthComm_18 = 99.
VARIABLE LABELS OthComm_18 "Satisfaction with communication among child's doctors and school,
child care provider, or special education program".
VALUE LABELS OthComm_18
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_18 DrComm_18 OthComm_18().

```

COMPUTE CareCoor_18 = 999.
IF (CareHelp_18 = 2 or CareHelp_18=99) or (DrComm_18 = 2 or DrComm_18 = 3 or DrComm_18=99) or
(OthComm_18 = 2 or OthComm_18=99) CareCoor_18 = 2.
IF (CareHelp_18 = 0 or CareHelp_18 = 1 or CareHelp_18=99) and (DrComm_18=0 or DrComm_18 =1 or
DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 1 or OthComm_18=99) CareCoor_18 = 1.
IF (CareHelp_18 = 0 or CareHelp_18=99) and (DrComm_18 = 0 or DrComm_18=99) and (OthComm_18 =
0 or OthComm_18 = 99) CareCoor_18 = 0.
IF CareHelp_18 = 99 and DrComm_18 = 99 and OthComm_18 = 99 CareCoor_18 = 99.
VARIABLE LABELS CareCoor_18 "Indicator 4.12e: Medical Home Component: Effective care coordination,
all children".
VALUE LABELS CareCoor_18
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 all".
MISSING VALUES CareCoor_18(99).

```

MISSING VALUES PerDrNs_18 UsualSck_18 FamCent_18 NoRefPrb_18 CareCoor_18().

```

COMPUTE MedHome_18 = 999.
IF (PerDrNs_18 = 1 or PerDrNs_18=99) and (UsualSck_18 = 1 or UsualSck_18=99) and (NoRefPrb_18=1
or NoRefPrb_18 =0 or NoRefPrb_18=99) and
(FamCent_18=1 or FamCent_18=0 or FamCent_18=99) and (CareCoor_18=1 or CareCoor_18=0 or
CareCoor_18=99) MedHome_18 = 1.
IF PerDrNs_18 = 2 or UsualSck_18 = 2 or (NoRefPrb_18 = 2 or NoRefPrb_18=3 or NoRefPrb_18=4) or
FamCent_18 = 2 or CareCoor_18 = 2 MedHome_18 = 2.
IF PerDrNs_18 = 99 and UsualSck_18 = 99 and (FamCent_18 = 99 or FamCent_18 = 0) and
(NoRefPrb_18 = 99 or NoRefPrb_18=0) and (CareCoor_18 = 99 or CareCoor_18 = 0) MedHome_18 = 99.
VARIABLE LABELS MedHome_18 "Indicator 4.12: Children receiving coordinated, ongoing,

```

comprehensive care within a medical home".
 VALUE LABELS MedHome_18
 1 "Care MEETS medical home criteria"
 2 "Care DOES NOT meet medical home criteria"
 99 "Missing to all".
 MISSING VALUES MedHome_18(99).

***Transition to adult health care:

```
COMPUTE TimeAlone_18 = 999.  

IF DOCPRIVATE = 1 TimeAlone_18 = 1.  

IF DOCPRIVATE = 2 TimeAlone_18 = 2.  

IF DOCPRIVATE = 99 or S4Q01 =99 TimeAlone_18 = 99.  

IF S4Q01 = 2 TimeAlone_18 = 2.  

IF SC_AGE_YEARS < 12 TimeAlone_18 = 90.  

VARIABLE LABELS TimeAlone_18 "Children who had time alone with health care provider at last medical  

care visit, age 12-17 years".  

VALUE LABELS TimeAlone_18  

1 "Had time alone with provider"  

2 "Did not have time alone with provider/Did not have medical care visit in the past 12 months"  

99 "Missing"  

90 "Children age 0-11 years".  

MISSING VALUES TimeAlone_18().  

FORMATS TimeAlone_18(f2.0).  

EXECUTE.
```

```
COMPUTE ActiveWork_18 = 2.  

IF CHANGEAGE = 1 or GAINSKILLS = 1 ActiveWork_18 = 1.  

IF (CHANGEAGE = 3 or CHANGEAGE = 99) and (GAINSKILLS =3 or GAINSKILLS = 99) ActiveWork_18  

= 99.  

IF SC_AGE_YEARS < 12 ActiveWork_18 = 90.  

VARIABLE LABELS ActiveWork_18 "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_18  

1 "Met the criteria"  

2 "Did not met criteria"  

99 "Missing/Don't know"  

90 "Children age 0-11 years".  

MISSING VALUES ActiveWork_18().  

FORMATS ActiveWork_18(f2.0).  

EXECUTE.
```

```
COMPUTE TrtAdult_18 = 999.  

IF TREATCHILD = 1 and TREATADULT = 1 TrtAdult_18 = 1.  

IF TREATCHILD = 1 and TREATADULT = 2 TrtAdult_18 = 2.  

IF TREATCHILD = 99 or TREATADULT = 99 TrtAdult_18 = 99.  

IF TREATCHILD = 2 TrtAdult_18 = 95.  

IF SC_AGE_YEARS < 12 TrtAdult_18 = 90.  

VARIABLE LABELS TrtAdult_18 "Provider discussed shift to adult health care providers if needed, age 12-  

17 years".  

VALUE LABELS TrtAdult_18  

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_18(95,99,90).
FORMATS TrtAdult_18(f2.0).
EXECUTE.
MISSING VALUES TimeAlone_18 ActiveWork_18 TrtAdult_18().

COMPUTE Transition_18 = 999.
IF (TimeAlone_18 = 1 or TimeAlone_18 =99) or (ActiveWork_18 = 1 or ActiveWork_18 =99) or (TrtAdult_18 = 1 or TrtAdult_18=95 or TrtAdult_18=99) Transition_18 = 1.
IF TimeAlone_18 = 2 or ActiveWork_18 = 2 or TrtAdult_18 = 2 Transition_18 = 2.
IF TimeAlone_18 = 99 and ActiveWork_18 = 99 and TrtAdult_18 = 99 Transition_18 = 99.
IF SC_AGE_YEARS < 12 Transition_18 = 90.
VARIABLE LABELS Transition_18 "Indicator 4.15: Adolescents who received services necessary to make planning transitions to adult health care".
VALUE LABELS Transition_18
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_18(90,99).
FORMATS Transition_18(f2.0).
EXECUTE.

***Systems of care

MISSING VALUES ShareDec_18 MedHome_18 Insurance_18 MedDentSyst_18 UnmetFrust_18
Transition_18().

COMPUTE sys0to11care2_18 = 999.
IF (ShareDec_18 = 0 or ShareDec_18 = 1 or ShareDec_18=99) and (MedHome_18 = 1 or MedHome_18 = 99) and (Insurance_18 = 1 or Insurance_18 = 99)
and (MedDentSyst_18 = 1 or MedDentSyst_18=99) and (UnmetFrust_18 = 1 or UnmetFrust_18=99)
sys0to11care2_18 = 1.
IF ShareDec_18=2 or MedHome_18 = 2 or Insurance_18 = 2 or MedDentSyst_18 = 2 or UnmetFrust_18 = 2 sys0to11care2_18 =2.
IF (ShareDec_18=0 or ShareDec_18=99) and MedHome_18 = 99 and Insurance_18 = 99 and
MedDentSyst_18 = 99 and UnmetFrust_18 = 99 sys0to11care2_18 =99.
IF SC_AGE_YEARS > 11 sys0to11care2_18 = 95.
VARIABLE LABELS sys0to11care2_18 "Children ages 0-11 meeting one or more of five criteria for system of care".
VALUE LABELS sys0to11care2_18
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_18(99).
EXECUTE.

COMPUTE sys12to17care2_18 = 999.
IF (ShareDec_18 = 0 or ShareDec_18 = 1 or ShareDec_18=99) and (MedHome_18 = 1 or MedHome_18 =

```

```
= 99) and (Insurance_18 = 1 or Insurance_18 = 99)
and (MedDentSyst_18 = 1 or MedDentSyst_18=99) and (UnmetFrust_18 = 1 or UnmetFrust_18=99) and
(Transition_18=1 or Transition_18=99) sys12to17care2_18 = 1.
IF ShareDec_18=2 or MedHome_18 = 2 or Insurance_18 = 2 or MedDentSyst_18 = 2 or UnmetFrust_18 =
2 or Transition_18=2 sys12to17care2_18 =2.
IF (ShareDec_18=0 or ShareDec_18=99) and MedHome_18 = 99 and Insurance_18 = 99 and
MedDentSyst_18 = 99 and UnmetFrust_18 = 99 and (Transition_18=99 or Transition_18=90)
sys12to17care2_18 =99.
IF SC_AGE_YEARS < 12 sys12to17care2_18 = 95.
VARIABLE LABELS sys12to17care2_18 "Children ages 12-17 meeting one or more of five criteria for
system of care".
VALUE LABELS sys12to17care2_18
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_18(99).
EXECUTE.
```

MISSING VALUES sys0to11care2_18 sys12to17care2_18().

```
COMPUTE SystCare2_18=99.
IF sys0to11care2_18 = 1 or sys12to17care2_18 = 1 SystCare2_18 =1.
IF sys0to11care2_18 = 2 or sys12to17care2_18 = 2 SystCare2_18 =2.
IF sys0to11care2_18 = 99 and sys12to17care2_18 = 99 SystCare2_18 =2.
VARIABLE LABELS SystCare2_18 "Indicator 4.17: Percent of children received care in a well-functioning
system".
VALUE LABELS SystCare2_18
1 "Received care in a well-functioning system"
2 "Did not receive care in a well-functioning system"
99 "Missing".
MISSING VALUES SystCare2_18(99).
EXECUTE.
```

Indicator 4.18	Forgone health care (ForgoneCare_18)
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: C25; for children 6-11 years: C23; for children 12-17 years: C24 Variable in public use data file: K4Q27
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who received all needed health care or did not need 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 and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE ForgoneCare_18 = K4Q27. VARIABLE LABELS ForgoneCare_18 "Children who needed health care but it was not received". VALUE LABELS ForgoneCare_18 1 "Did not receive needed health care" 2 "Received needed health care (or did not need health care)" 99 "Missing". MISSING VALUES ForgoneCare_18(99). EXECUTE. </pre>	
*Specific types of unmet needs	
<pre> COMPUTE ForgoneMed_18 = 999. IF K4Q28X01 = 1 ForgoneMed_18 = 1. IF K4Q27 = 2 or K4Q28X01 = 2 ForgoneMed_18 = 2. IF K4Q28X01 = 99 ForgoneMed_18 = 99. IF K4Q27 = 99 ForgoneMed_18 = 99. VARIABLE LABELS ForgoneMed_18 "Did not receive needed medical care during the past 12 months". VALUE LABELS ForgoneMed_18 1 "Did not receive needed medical care" 2 "Received needed medical care (or did not need medical care)" 99 "Missing". MISSING VALUES ForgoneMed_18(99). FORMATS ForgoneMed_18(f4.0). COMPUTE ForgoneDent_18 = 999. IF K4Q28X02 = 1 ForgoneDent_18 = 1. IF K4Q27 = 2 or K4Q28X02 = 2 ForgoneDent_18 = 2. </pre>	

```

IF K4Q28X02 =99 ForgoneDent_18 = 99.
IF K4Q27 = 99 ForgoneDent_18 = 99.
IF SC_AGE_YEARS < 1 ForgoneDent_18 = 95.
VARIABLE LABELS ForgoneDent_18 "Did not receive needed dental care during the past 12 months, age 1-17 years".
VALUE LABELS ForgoneDent_18
1 "Did not receive needed dental care"
2 "Received needed dental care (or did not need dental care)"
99 "Missing"
95 "Children age less than 1 year old".
MISSING VALUES ForgoneDent_18(95,99).
FORMATS ForgoneDent_18(f4.0).

COMPUTE ForgoneVis_18 = 999.
IF K4Q28X03 = 1 ForgoneVis_18 = 1.
IF K4Q27 = 2 or K4Q28X03 = 2 ForgoneVis_18 = 2.
IF K4Q28X03 = 99 ForgoneVis_18 = 99.
IF K4Q27 = 99 ForgoneVis_18 = 99.
VARIABLE LABELS ForgoneVis_18 "Did not receive needed vision care during the past 12 months".
VALUE LABELS ForgoneVis_18
1 "Did not receive needed vision care"
2 "Received needed vision care (or did not need vision care)"
99 "Missing".
MISSING VALUES ForgoneVis_18(99).
FORMATS ForgoneVis_18(f4.0).

COMPUTE ForgoneHear_18 = 999.
IF K4Q28X_EAR = 1 ForgoneHear_18 = 1.
IF K4Q27 = 2 or K4Q28X_EAR = 2 ForgoneHear_18 = 2.
IF K4Q28X_EAR = 99 ForgoneHear_18 = 99.
IF K4Q27 = 99 ForgoneHear_18 = 99.
VARIABLE LABELS ForgoneHear_18 "Did not receive needed hearing care during the past 12 months".
VALUE LABELS ForgoneHear_18
1 "Did not receive needed hearing care"
2 "Received needed hearing care (or did not need hearing care)"
99 "Missing".
MISSING VALUES ForgoneHear_18(99).
FORMATS ForgoneHear_18(f4.0).

COMPUTE ForgoneMH_18 = 999.
IF K4Q28X04 = 1 ForgoneMH_18 = 1.
IF K4Q27 = 2 or K4Q28X04 = 2 ForgoneMH_18 = 2.
IF K4Q28X04 = 99 ForgoneMH_18 = 99.
IF K4Q27 = 99 ForgoneMH_18 = 99.
IF SC_AGE_YEARS < 3 ForgoneMH_18 = 95.
VARIABLE LABELS ForgoneMH_18 "Did not receive needed mental health services during the past 12 months, age 3-17 years".
VALUE LABELS ForgoneMH_18
1 "Did not receive needed mental health care"
2 "Received needed mental health care (or did not need mental health care)"
99 "Missing"
95 "Children age 0-2 years".
MISSING VALUES ForgoneMH_18(95,99).

```

FORMATS ForgoneMH_18(f4.0).

**Reasons for forgone health care

```
COMPUTE ineligible_17 = NOTELIG.
IF K4Q27 = 2 ineligible_17 = 95.
IF K4Q27 = 99 ineligible_17 = 99.
VARIABLE LABELS ineligible_17 "Did not receive needed health care because the child was not eligible".
VALUE LABELS ineligible_17
1 "Experienced this difficulty"
2 "Did not experience this difficulty"
95 "Received needed health care (or did not need health care)"
99 "Missing".
MISSING VALUES ineligible_17(95,99).
EXECUTE.
```

```
COMPUTE unavailable_17 = AVAILABLE.
IF K4Q27 = 2 unavailable_17 = 95.
IF K4Q27 = 99 unavailable_17 = 99.
VARIABLE LABELS unavailable_17 "Did not receive needed health care because the service this child
needed were not available in their area".
VALUE LABELS unavailable_17
1 "Experienced this difficulty"
2 "Did not experience this difficulty"
95 "Received needed health care (or did not need health care)"
99 "Missing".
MISSING VALUES unavailable_17(95,99).
```

```
COMPUTE appointment_17 = APPOINTMENT.
IF K4Q27 = 2 appointment_17 = 95.
IF K4Q27 = 99 appointment_17 = 99.
VARIABLE LABELS appointment_17 "Did not receive needed health care because there were problems
getting an appointment".
VALUE LABELS appointment_17
1 "Experienced this difficulty"
2 "Did not experience this difficulty"
95 "Received needed health care (or did not need health care)"
99 "Missing".
MISSING VALUES appointment_17(95,99).
```

```
COMPUTE transport_17 = TRANSPORTCC.
IF K4Q27 = 2 transport_17 = 95.
IF K4Q27 = 99 transport_17 = 99.
VARIABLE LABELS transport_17 "Did not receive needed health care because there were problems with
getting transportation or child care".
VALUE LABELS transport_17
1 "Experienced this difficulty"
2 "Did not experience this difficulty"
95 "Received needed health care (or did not need health care)"
99 "Missing".
MISSING VALUES transport_17(99).
```

COMPUTE NotOpen_17 = NOTOPEN.

IF K4Q27 = 2 NotOpen_17 = 95.

IF K4Q27 = 99 NotOpen_17 = 99.

VARIABLE LABELS NotOpen_17 "Did not receive needed health care because the clinic or doctor's office was not open when the child needs care".

VALUE LABELS NotOpen_17

1 "Experienced this difficulty"

2 "Did not experience this difficulty"

95 "Received needed health care (or did not need health care)"

99 "Missing".

MISSING VALUES NotOpen_17(99).

COMPUTE CostIssue_17 = ISSUECOST.

IF K4Q27 = 2 CostIssue_17 = 95.

IF K4Q27 = 99 CostIssue_17 = 99.

VARIABLE LABELS CostIssue_17 "Did not receive needed health care due to issues related to cost".

VALUE LABELS CostIssue_17

1 "Experienced this difficulty"

2 "Did not experience this difficulty"

95 "Received needed health care (or did not need health care)"

99 "Missing".

MISSING VALUES CostIssue_17(99).

Indicator 4.19	Problem paying medical bills (MedBills_18)
Description	During the past 12 months, did your family have problems paying for any of this child's medical or health care bills?
Survey Items Used	Survey instrument item number for children 0-5 years: F1,F3; for children 6-11 years: F1,F3; for children 12-17 years: F1,F3 Variables in public use data file: HOWMUCH; K3Q25
Denominator	Children age 0-17 years
Numerator/Response Categories	Children whose family had problems paying this child's medical or health care bills; Children whose family did not have problems paying this 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 during the past 12 months.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE MedBills_18 = K3Q25. IF HOWMUCH = 1 MedBills_18 = 0. VARIABLE LABELS MedBills_18 "Indicator 4.19: Family had problems paying for child's medical or health care bills during the past 12 months". VALUE LABELS MedBills_18 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_18(99). FORMATS MedBills_18(f4.0). EXECUTE. </pre>	

Indicator 4.20	Frustrated in efforts to get services (frustrated_18)
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: C28; for children 6-11 years: C26; for children 12-17 years: C27 Variable in public use data file: C4Q04
Denominator	Children age 0-17 years
Numerator/Response Categories	Children whose family was usually or always frustrated in their effort to get services; Children whose family was sometimes frustrated in their effort to get services; Children whose family was never frustrated in their effort to get services
Notes for Data-Users	
This measure was derived from a single item.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
RECODE C4Q04 (3 thru 4=3) (else=copy) into frustrated_18. VARIABLE LABELS frustrated_18 "Indicator 4.20: Family often frustrated in efforts to get services for their children during the past 12 months". VALUE LABELS frustrated_18 1 "Never frustrated" 2 "Sometimes frustrated" 3 "Usually/always frustrated" 99 "Missing". MISSING VALUES frustrated_18(99). FORMATS frustrated_18(f4.0). EXECUTE.	

Indicator 5.1	Special education or early intervention plan, age 1-17 years (SpEducPln_18)
Description	Is this child currently receiving services under a special education or early intervention plan, age 1-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: C31, C33; for children 6-11 years: C29, C31; for children 12-17 years: C30,C32 Variable in public use data file: K6Q15; SESCURRSVC
Denominator	Children age 1-17 years
Numerator/Responsible Categories	Children who receive services under a special education or early intervention plan; Children who do not receive services under 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> <p>This measure was derived based on 2 questions. Respondents were asked whether their child has ever had a special education or early intervention plan (IFSP or IEP). If respondents answered yes, then they were asked whether the child is currently receiving services under one of these plans.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE SpEducPln_18 = SESCURRSVC. IF K6Q15 = 2 SpEducPln_18 = 2. IF K6Q15 = 99 SpEducPln_18 = 99. IF SC_AGE_YEARS < 1 SpEducPln_18 = 95. VARIABLE LABELS SpEducPln_18 "Indicator 5.1: Children currently receives special education or early intervention services, age 1-17 years". VALUE LABELS SpEducPln_18 1 "Yes" 2 "No" 99 "Missing" 95 "Children under 1 year old". MISSING VALUES SpEducPln_18(95,99). FORMATS SpEducPln_18(f2.0). EXECUTE. </pre>	

Indicator 5.1a	Age started special education or early intervention plan (SpEdAge_18)
Description	How old was this child when he or she began receiving special education or early intervention plan, age 1-17 years?
Survey Items Used	Survey instrument item number for children 0-5 years: C32; for children 6-11 years: C30; for children 12-17 years: C31 Variable in public use data file: SESPLANYR
Denominator	Children age 1-17 years who ever received special education or early intervention plan
Numerator/Response Categories	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 and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE SESPLANYR (0 thru 2=1) (3 thru 5=2) (6 thru 17=3) (99=99) into SpEdAge_18. IF K6Q15 = 2 SpEdAge_18 = 0. IF K6Q15 = 99 SpEdAge_18 = 99. IF SC_AGE_YEARS<1 SpEdAge_18 = 95. VARIABLE LABELS SpEdAge_18 "Indicator 5.1a: Age started special education or early intervention plan, age 1-5 years". VALUE LABELS SpEdAge_18 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_18(0,95,99). FORMATS SpEdAge_18(f2.0). EXECUTE. </pre>	

Indicator 5.2	School engagement, age 6-17 years (SchlEngage_18)
Description	Is this child engaged in school: cares about doing well in school and does required homework, age 6-17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: A3d-e; for children 12-17 years: A3d-e Variables in public use data file: 7Q82_R; K7Q83_R
Denominator	Children age 6-17 years
Numerator/Response Categories	Children who are always engaged in school; Children who are usually engaged in school; Children who are sometimes or never engaged in school
Notes for Data-Users	
Children whose parents reported that their child "always" cares about doing well in school AND does required homework are categorized as "always" engaged in school. Children who "usually engaged in school" are defined if parents responded "usually" to both questions or "always" to either question and "usually" to another question. The remaining children categorized as sometimes or never engaged in school.	
These questions are asked for children between 6 and 17 years of age.	
Revisions and Changes	
The two items which make up this measure had changes between 2017 and 2018, therefore the two years are not comparable.	
SPSS Syntax and Annotation	
<pre> COMPUTE cares_18 = K7Q82_R. IF SC_AGE_YEARS < 6 cares_18 = 90. VARIABLE LABELS cares_18 "Children who care about doing well in school, age 6-17 years". VALUE LABELS cares_18 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Never" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES cares_18(90,99). FORMATS cares_18(f4.0). EXECUTE. COMPUTE homework_18 = K7Q83_R. IF SC_AGE_YEARS < 6 homework_18 = 90. VARIABLE LABELS homework_18 "Children who do all required homework, age 6-17 years". VALUE LABELS homework_18 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Never" 99 "Missing" </pre>	

90 "Children age 0-5 years".
MISSING VALUES homework_18(90,99).
FORMATS homework_18(f4.0).
EXECUTE.

COMPUTE SchlEngage_18 = 2.
IF (K7Q82_R = 3 or K7Q82_R = 4) or (K7Q83_R = 3 or K7Q83_R = 4) SchlEngage_18 = 3.
IF K7Q82_R = 1 and K7Q83_R = 1 SchlEngage_18 = 1.
IF K7Q82_R = 99 and K7Q83_R = 99 SchlEngage_18 = 99.
IF SC_AGE_YEARS < 6 SchlEngage_18 = 90.
VARIABLE LABELS SchlEngage_18 "Indicator 5.2: School engagement, age 6-17 years".
VALUE LABELS SchlEngage_18
1 "Always to both items"
2 "Always or usually to one item or usually to both"
3 "Sometimes or never to both or any item"
99 "Missing"
90 "Children age 0-5 years".
MISSING VALUES SchlEngage_18(90,99).
FORMATS SchlEngage_18(f4.0).
EXECUTE.

Indicator 5.3	Repeated grades in school, age 6-17 years (ReptGrade_18)
Description	Since starting kindergarten, has this child repeated any grades, age 6-17 years?
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/Response Categories	Children who repeated a grade; Children who did not repeat a grade
Notes for Data-Users	
This measure was derived based on a single item. This question is asked for all children between 6 and 17 years of age.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE ReptGrade_18 = REPEATED. IF SC_AGE_YEARS < 6 ReptGrade_18 = 90. VARIABLE LABELS ReptGrade_18 "Indicator 5.3: Children repeated any grades since starting kindergarten, age 6-17 years". VALUE LABELS ReptGrade_18 1 "Yes" 2 "No" 90 "Children age 0-5 years" 99 "Missing". MISSING VALUES ReptGrade_18(90,99). FORMATS ReptGrade_18(f2.0). EXECUTE. </pre>	

Indicator 5.4	Missed school days, age 6-17 years (SchlMiss_18)
Description	During the past 12 months, about how many days did this child miss school because of illness or injury, age 6-17 years?
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/Response Categories	Children who have missed no 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 who missed 7 - 10 school days because of illness or injury; Children who missed 11 or more school days because of illness or injury
Notes for Data-Users	
This measure was derived based on a single item. The response category "This child was not enrolled in school" was not included in the denominator.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE SchlMiss_18 = K7Q02R_R. IF SC_AGE_YEARS < 6 SchlMiss_18 = 90. VARIABLE LABELS SchlMiss_18 "Indicator 5.4: Missed school days during the past 12 months, age 6-17 years". VALUE LABELS SchlMiss_18 1 "No missed school days" 2 "1 - 3 days" 3 "4 - 6 days" 4 "7 - 10 days" 5 "11 or more days" 6 "This child was not enrolled in school" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES SchlMiss_18(6,90,99). FORMATS SchlMiss_18(f2.0). EXECUTE. </pre>	

Indicator 5.5	Participation in organized activities, age 6-17 years (AftSchAct_18)
Description	During the past 12 months, did this child participate in any organized activities or lessons, after school or on weekends, age 6-17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: G5a-c; for children 12-17 years: G5a-c Variables in public use data file: K7Q30; K7Q31; K7Q32
Denominator	Children age 6-17 years
Numerator/Response Categories	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 (K7Q31) or any other organized activities or lessons, such as music, dance, language, or other arts (K7Q32). Children who participate in any of these three activities met the measure criteria.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE sports_18 = K7Q30. IF SC AGE YEARS < 6 sports_18 = 90. VARIABLE LABELS sports_18 "Participation in sports teams or sports lessons after school or on weekends". VALUE LABELS sports_18 1 "Participated in activity" 2 "Did not participate" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES sports_18(90,99). FORMATS sports_18(f4.0). COMPUTE clubs_18 = K7Q31. IF SC AGE YEARS < 6 clubs_18 = 90. VARIABLE LABELS clubs_18 "Participation in clubs or organizations after school or on weekends". VALUE LABELS clubs_18 1 "Participated in activity" 2 "Did not participate" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES clubs_18(90,99). FORMATS clubs_18(f4.0). COMPUTE lessons_18 = K7Q32. IF SC AGE YEARS < 6 lessons_18 = 90. VARIABLE LABELS lessons_18 "Participation in any other organized activities or lessons, such as music, </pre>	

dance, language or other arts".

VALUE LABELS lessons_18

1 "Participated in activity"

2 "Did not participate"

99 "Missing"

90 "Children age 0-5 years".

MISSING VALUES lessons_18(90,99).

FORMATS lessons_18(f4.0).

MISSING VALUES sports_18 clubs_18 lessons_18().

COUNT partic_18 = sports_18 clubs_18 lessons_18(1).

IF sports_18 = 99 and clubs_18 = 99 and lessons_18 = 99 partic_18 = 99.

IF SC_AGE_YEARS < 6 partic_18=90.

VARIABLE LABELS partic_18 "Number of organized activities child participates in after school (6-17 years)".

VALUE LABELS partic_18

99 "Missing to all"

90 "Children age 0-5 years".

RECODE partic_18 (0=2) (1 thru 3 = 1) (else=copy) into AftSchAct_18.

VARIABLE LABELS AftSchAct_18 "Indicator 5.5: Children participate in organized activities outside school, age 6-17 years".

VALUE LABELS AftSchAct_18

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_18 (90,99).

FORMATS AftSchAct_18 (f4.0).

EXECUTE.

Indicator 5.6	Parent participation in child's events/activities, age 6-17 years (EventPart_18)
Description	During the past 12 months, how often did you attend events or activities that this child participated in, age 6-17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: G4; for children 12-17 years: G4 Variable in public use data file: K7Q33
Denominator	Children age 6-17 years
Numerator/Responsible Categories	Children whose parent(s) always attended events or activities that this child participated in; Children whose parent(s) usually attended events or activities that this child participated in; Children whose parent(s) sometimes attended events or activities that this child participated in; Children whose parent(s) rarely/never attended events or activities that this child participated in
Notes for Data-Users	
This measure was derived from a single item. This question was asked for children between 6 and 17 years of age. 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 and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE K7Q33 (1 =1) (2 = 2) (3=3) (4 thru 5=4) (99=99) into EventPart_18. IF SC_AGE_YEARS < 6 EventPart_18 = 90. VARIABLE LABELS EventPart_18 "Indicator 5.6: Parents participate in child's event or activities, age 6-17 years". VALUE LABELS EventPart_18 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Rarely or never" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES EventPart_18(90,99). FORMATS EventPart_18(f4.0). EXECUTE. </pre>	

Indicator 5.7	Participation in community service or volunteer work, age 6-17 years (volunteer_18)
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, age 6-17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: G5d; for children 12-17 years: G5d; Variable in public use data file: K7Q37
Denominator	Children age 6-17 years
Numerator/Response Categories	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 measure was derived from a single item. This question was asked for children between 6 and 17 years of age	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE volunteer_18 = K7Q37. IF SC_AGE_YEARS < 6 volunteer_18 = 90. VARIABLE LABELS volunteer_18 "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_18 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES volunteer_18(90,99). FORMATS volunteer_18(f4.0). EXECUTE. </pre>	

Indicator 5.8	Work for pay, age 12-17 years (WorkPay_18)
Description	During the past 12 months, did this child work for pay, including regular jobs as well as babysitting, cutting grass, or other occasional work, age 12 -17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: G5e; for children 12-17 years: G5e Variable in public use data file: K7Q38
Denominator	Children age 12-17 years
Numerator/Response Categories	Children who worked for pay; Children who did not work for pay
Notes for Data-Users	
This measure was derived from a single item. This question was asked for children between 6 and 17 years of age. However, the denominator of this measure is children 12-17 years.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE workpay_18 = K7Q38. IF SC AGE YEARS < 12 workpay_18 = 90. VARIABLE LABELS workpay_18 "Indicator 5.8: Work for pay outside home, 12-17 years". VALUE LABELS workpay_18 1 "Worked for pay" 2 "Did not work for pay" 99 "Missing" 90 "Children age 0-11 years". MISSING VALUES workpay_18(90,99). FORMATS workpay_18(f4.0). EXECUTE. </pre>	

Indicator 5.9	Adult mentor, age 6-17 years (Mentor_18)
Description	Other than you or other adults in your home, is there at least one other adult in this child's school, neighborhood, or community who knows this child well and who he or she can rely on for advice or guidance, age 6-17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: I12; for children 12-17 years: I12 Variable in public use data file: K9Q96
Denominator	Children age 6-17 years
Numerator/Response Categories	Children who have at least one other adult they can rely on for advice or guidance; Children who do not have other adult they can rely on for advice or guidance
Notes for Data-Users	
This measure was derived from a single item. This question was asked for children between 6 and 17 years of age	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE mentor_18 = K9Q96. IF SC_AGE_YEARS < 6 mentor_18 = 90. VARIABLE LABELS mentor_18 "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_18 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES mentor_18(90,99). FORMATS mentor_18(f4.0). EXECUTE. </pre>	

This child's learning, individual items, age 3-5 and 1-5 years	
Description	This child's learning - Individual items
Survey Items Used	Survey instrument item number for children 0-5 years: G3-G23 (2017), G4-G24 (2018)
Denominator	Children age 3-5 and 1-5 years
Numerator/Response Categories	N/A
Notes for Data-Users	
N/A	
Revisions and Changes	
The question on the child's learning to do things for him or herself changed from "are you concerned" to "how concerned," and response options changed slightly. Questions for 1-5 years were added in 2018. The remaining items have not changed. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<p>**Age 3-5 years</p> <pre> COMPUTE LearnThings_18 = K6Q08_R. IF SC_AGE_YEARS > 5 LearnThings_18 = 90. IF SC_AGE_YEARS < 3 LearnThings_18 = 95. VARIABLE LABELS LearnThings_18 "Parental concern about child's learning to do things for him or herself, age 3-5 years". VALUE LABELS LearnThings_18 1 "Yes somewhat concerned" 2 "Yes, very concerned" 3 "No" 99 "Missing" 95 "Children age 0-2 years" 90 "Children age 6-17 years". MISSING VALUES LearnThings_18(90,95,99). COMPUTE confident_18 = CONFIDENT. IF SC_AGE_YEARS > 5 confident_18 = 90. IF SC_AGE_YEARS < 3 confident_18 = 95. VARIABLE LABELS confident_18 "Parent's confidence level for child's readiness to be in school, age 3-5 years". VALUE LABELS confident_18 1 "Completely confident" 2 "Mostly confident" 3 "Somewhat confident" 4 "Not at all confident" 99"Missing" 95 "Children age 0-2 years" 90 "Children age 6-17 years". MISSING VALUES confident_18(90,95,99). </pre>	

```

COMPUTE RecogBegin_18 = RECOGBEGIN.
IF SC_AGE_YEARS > 5 RecogBegin_18 = 90.
IF SC_AGE_YEARS < 3 RecogBegin_18 = 95.
VARIABLE LABELS RecogBegin_18 "Ability to recognize beginning sound of a word, age 3-5 years".
VALUE LABELS RecogBegin_18
1 "Always"
2 "Most of the time"
3 "About half the time"
4 "Sometimes"
5 "Never"
99 "Missing"
95 "Children age 0-2 years"
90 "Children age 6-17 years".
MISSING VALUES RecogBegin_18(90,95,99).

COMPUTE RecogLetter_18 = RECOGABC.
IF SC_AGE_YEARS>5 RecogLetter_18 = 90.
IF SC_AGE_YEARS<3 RecogLetter_18 = 95.
VARIABLE LABELS RecogLetter_18 "Recognize letters of alphabet, age 3-5 years".
VALUE LABELS RecogLetter_18
1 "All of them"
2 "Most of them"
3 "About half of them"
4 "Some of them"
5 "None of them"
99"Missing"
95 "Children age 0-2 years"
90 "Children age 6-17 years".
MISSING VALUES RecogLetter_18(90,95,99).

COMPUTE RhymeWord_18 = RHYMEWORD.
IF SC_AGE_YEARS > 5 RhymeWord_18 = 90.
IF SC_AGE_YEARS < 3 RhymeWord_18 = 95.
VARIABLE LABELS RhymeWord_18 "Ability to rhyme words, age 3-5 years".
VALUE LABELS RhymeWord_18
1 "Yes"
2 "No"
99"Missing"
95 "Children age 0-2 years"
90 "Children age 6-17 years".
MISSING VALUES RhymeWord_18(90,95,99).

COMPUTE ClearExp_18 = CLEAREXP.
IF SC_AGE_YEARS>5 ClearExp_18 = 90.
IF SC_AGE_YEARS<3 ClearExp_18 = 95.
VARIABLE LABELS ClearExp_18 "Ability to explain things child has seen or done, age 3-5 years ".
VALUE LABELS ClearExp_18
1 "Always"
2 "Most of the time"
3 "About half the time"
4 "Sometimes"
5 "Never"

```

99"Missing"
 90 "Children age 6-17 years"
 95 "Children age 0-2 years".
 MISSING VALUES ClearExp_18(90,95,99).

COMPUTE WriteName_18 = WRITENAME.
 IF SC AGE YEARS > 5 WriteName_18 = 90.
 IF SC AGE YEARS < 3 WriteName_18 = 95.
 VARIABLE LABELS WriteName_18 "Ability to write his/her first name, age 3-5 years".
 VALUE LABELS WriteName_18
 1 "Always"
 2 "Most of the time"
 3 "About half the time"
 4 "Sometimes"
 5 "Never"
 99"Missing"
 90 "Children age 6-17 years"
 95 "Children age 0-2 years".
 MISSING VALUES WriteName_18(90,95,99).

RECODE COUNTTO
 (1 thru 2=1) (3=2) (4=3) (5=4) (6=5) (SYSMIS=99) (else=copy) into CountTo_18 .
 IF SC AGE YEARS>5 CountTo_18 = 90.
 IF SC AGE YEARS<3 CountTo_18 = 95.
 VARIABLE LABELS CountTo_18 "Child can count how high, age 3-5 years".
 VALUE LABELS CountTo_18
 1 "Not at all or can count up to five"
 2 "Up to ten"
 3 "Up to 20"
 4 "Up to 50"
 5 "Up to 100 or more"
 99"Missing"
 95 "Children age 0-2 years"
 90 "Children age 6-17 years".
 MISSING VALUES CountTo_18(90,95,99).

COMPUTE RecogShapes_18 = RECSHAPES.
 IF SC AGE YEARS>5 RecogShapes_18 = 90.
 IF SC AGE YEARS<3 RecogShapes_18 = 95.
 VARIABLE LABELS RecogShapes_18 "Child recognizes basic shapes, age 3-5 years".
 VALUE LABELS RecogShapes_18
 1 "Always"
 2 "Most of the time"
 3 "About half the time"
 4 "Sometimes"
 5 "Never"
 99"Missing"
 90 "Children age 6-17 years"
 95 "Children age 0-2 years".
 MISSING VALUES RecogShapes_18(90,95,99).

COMPUTE distracted_18 = DISTRACTED.
 IF SC AGE YEARS > 5 distracted_18 = 90.

```

IF SC_AGE_YEARS < 3 distracted_18 = 95.
VARIABLE LABELS distracted_18 "Child often easily distracted, 3-5 years".
VALUE LABELS distracted_18
1 "Always"
2 "Most of the time"
3 "About half the time"
4 "Sometimes"
5 "Never"
99"Missing"
90 "Children age 6-17 years"
95 "Children age 0-2 years".
MISSING VALUES distracted_18(90,95,99).

COMPUTE WorkToFin_18 = WORKTOFIN.
IF SC_AGE_YEARS > 5 WorkToFin_18 = 90.
IF SC_AGE_YEARS < 3 WorkToFin_18 = 95.
VARIABLE LABELS WorkToFin_18 "Children often keeps working at something until he or she is finished, age 3-5 years".
VALUE LABELS WorkToFin_18
1 "Always"
2 "Most of the time"
3 "About half the time"
4 "Sometimes"
5 "Never"
99"Missing"
90 "Children age 6-17 years"
95 "Children age 0-2 years".
MISSING VALUES WorkToFin_18(90,95,99).

COMPUTE SimpleInst_18 = SIMPLEINST.
IF SC_AGE_YEARS > 5 SimpleInst_18 = 90.
IF SC_AGE_YEARS < 3 SimpleInst_18 = 95.
VARIABLE LABELS SimpleInst_18 "Child often can follow instructions to complete a simple task, age 3-5 years".
VALUE LABELS SimpleInst_18
1 "Always"
2 "Most of the time"
3 "About half the time"
4 "Sometimes"
5 "Never"
99"Missing"
90 "Children age 6-17 years"
95 "Children age 0-2 years".
MISSING VALUES SimpleInst_18(90,95,99).

COMPUTE UsePencil_18 = USEPENCIL.
IF SC_AGE_YEARS>5 UsePencil_18 = 90.
IF SC_AGE_YEARS<3 UsePencil_18 = 95.
VARIABLE LABELS UsePencil_18 "How child holds pencil, age 3-5 years".
VALUE LABELS UsePencil_18
1 "Uses fingers to hold the pencil"
2 "Grips the pencil in his or her fist"
3 "This child cannot hold a pencil"

```

99 "Missing"
 95 "Children age 0-2 years"
 90 "Children age 6-17 years".
 MISSING VALUES UsePencil_18(90,95,99).

COMPUTE PlayWell_18 = PLAYWELL.
 IF SC_AGE_YEARS > 5 PlayWell_18 = 90.
 IF SC_AGE_YEARS < 3 PlayWell_18 = 95.
 VARIABLE LABELS PlayWell_18 "Child plays well with others, age 3-5 years".
 VALUE LABELS PlayWell_18
 1 "Always"
 2 "Most of the time"
 3 "About half the time"
 4 "Sometimes"
 5 "Never"
 99"Missing"
 90 "Children age 6-17 years"
 95 "Children age 0-2 years".
 MISSING VALUES PlayWell_18(90,95,99).

COMPUTE NewActivity_18 = NEWACTIVITY.
 IF SC_AGE_YEARS > 5 NewActivity_18 = 90.
 IF SC_AGE_YEARS < 3 NewActivity_18 = 95.
 VARIABLE LABELS NewActivity_18 "Child becomes angry or anxious when going from one activity to another, age 3-5 years".
 VALUE LABELS NewActivity_18
 1 "Always"
 2 "Most of the time"
 3 "About half the time"
 4 "Sometimes"
 5 "Never"
 99"Missing"
 90 "Children age 6-17 years"
 95 "Children age 0-2 years".
 MISSING VALUES NewActivity_18(90,95,99).

COMPUTE HurtSad_18 = HURTSAD.
 IF SC_AGE_YEARS > 5 HurtSad_18 = 90.
 IF SC_AGE_YEARS < 3 HurtSad_18 = 95.
 VARIABLE LABELS HurtSad_18 "Child shows concern when others are hurt or unhappy, age 3-5 years".
 VALUE LABELS HurtSad_18
 1 "Always"
 2 "Most of the time"
 3 "About half the time"
 4 "Sometimes"
 5 "Never"
 99"Missing"
 90 "Children age 6-17 years"
 95 "Children age 0-2 years".
 MISSING VALUES HurtSad_18(90,95,99).

COMPUTE CalmDown_18 = CALMDOWN.
 IF SC_AGE_YEARS > 5 CalmDown_18 = 90.

```

IF SC_AGE_YEARS < 3 CalmDown_18 = 95.
VARIABLE LABELS CalmDown_18 "Child can calm down when excited or all wound up, age 3-5 years".
VALUE LABELS CalmDown_18
1 "Always"
2 "Most of the time"
3 "About half the time"
4 "Sometimes"
5 "Never"
99"Missing"
90 "Children age 6-17 years"
95 "Children age 0-2 years".
MISSING VALUES CalmDown_18(90,95,99).

```

```

COMPUTE temper_18 = TEMPER.
IF SC_AGE_YEARS > 5 temper_18 = 90.
IF SC_AGE_YEARS < 3 temper_18 = 95.
VARIABLE LABELS temper_18 "Child loses control of his or her temper when things do not go his or her way, age 3-5 years".
VALUE LABELS temper_18
1 "Always"
2 "Most of the time"
3 "About half the time"
4 "Sometimes"
5 "Never"
99"Missing"
90 "Children age 6-17 years"
95 "Children age 0-2 years".
MISSING VALUES temper_18(90,95,99).

```

```

COMPUTE MakeFr3to5_18 = MAKEFRIEND.
IF SC_AGE_YEARS > 5 MakeFr3to5_18 = 90.
IF SC_AGE_YEARS < 3 MakeFr3to5_18 = 95.
VARIABLE LABELS MakeFr3to5_18 "Child has difficulty making and keeping friends".
VALUE LABELS MakeFr3to5_18
1 "No difficulty"
2 "A little difficulty"
3 "A lot of difficulty"
90 "Children age 6-17 years"
95 "Children age 0-2 years"
99 "No valid response".
MISSING VALUES MakeFr3to5_18(90,95,99).

```

```

COMPUTE SitStill1_18 = SITSTILL.
IF SC_AGE_YEARS > 5 SitStill1_18 = 90.
IF SC_AGE_YEARS < 3 SitStill1_18 = 95.
VARIABLE LABELS SitStill1_18 "Child often able to sit still, age 3-5 years".
VALUE LABELS SitStill1_18
1 "Always"
2 "Most of the time"
3 "About half the time"
4 "Sometimes"
5 "Never"
99"Missing"

```

90 "Children age 6-17 years"
 95 "Children age 0-2 years".
 MISSING VALUES SitStill1_18(90,95,99).

COMPUTE color_18 = COLOR.
 IF SC_AGE_YEARS>5 color_18 = 90.
 IF SC_AGE_YEARS<3 color_18 = 95.
 VARIABLE LABELS color_18 "Child can identify colors red, yellow, blue, and green by name, age 3-5 years".
 VALUE LABELS color_18
 1 "Yes, all of them"
 2 "Yes, some of them"
 3 "No, none of them"
 99 "Missing"
 90 "Children age 0-2 years"
 95 "Children age 6-17 years".
 MISSING VALUES color_18(90,95,99).

**Age 1-5 years

COMPUTE OneWord_18 = ONEWORD.
 IF SC_AGE_YEARS > 5 OneWord_18 = 90.
 IF SC_AGE_YEARS < 1 OneWord_18 = 95.
 VARIABLE LABELS OneWord_18 "Child is able to say at least one word, such as 'hi' or 'dog'".
 VALUE LABELS OneWord_18
 1 "Yes"
 2 "No"
 99 "No valid response"
 90 "Children age 6-17 years"
 95 "Children age <1 year".
 MISSING VALUES OneWord_18(90,95,99).

COMPUTE TwoWords_18 = TWOWORDS.
 IF SC_AGE_YEARS > 5 TwoWords_18 = 90.
 IF SC_AGE_YEARS < 1 TwoWords_18 = 95.
 VARIABLE LABELS TwoWords_18 "Child is able to use 2 words together, such as 'car go'".
 VALUE LABELS TwoWords_18
 1 "Yes"
 2 "No"
 99 "No valid response"
 90 "Children age 6-17 years"
 95 "Children age <1 year".
 MISSING VALUES TwoWords_18(90,95,99).

COMPUTE ThreeWords_18 = THREEWORDS.
 IF SC_AGE_YEARS > 5 ThreeWords_18 = 90.
 IF SC_AGE_YEARS < 1 ThreeWords_18 = 95.
 VARIABLE LABELS ThreeWords_18 "Child is able to use 3 words together in a sentence, such as, 'Mommy come now.'".
 VALUE LABELS ThreeWords_18
 1 "Yes"
 2 "No"
 99 "No valid response"

90 "Children age 6-17 years"
 95 "Children age <1 year".
 MISSING VALUES ThreeWords_18(90,95,99).

COMPUTE AskQuest1_18 = ASKQUESTION.
 IF SC AGE YEARS > 5 AskQuest1_18 = 90.
 IF SC AGE YEARS < 1 AskQuest1_18 = 95.
 VARIABLE LABELS AskQuest1_18 "Child is able to ask questions like 'who,' 'what,' 'when,' 'where'".
 VALUE LABELS AskQuest1_18
 1 "Yes"
 2 "No"
 99 "No valid response"
 90 "Children age 6-17 years"
 95 "Children age <1 year".
 MISSING VALUES AskQuest1_18(90,95,99).

COMPUTE AskQuest2_18 = ASKQUESTION2.
 IF SC AGE YEARS > 5 AskQuest2_18 = 90.
 IF SC AGE YEARS < 1 AskQuest2_18 = 95.
 VARIABLE LABELS AskQuest2_18 "Child is able to ask questions like 'why,' 'how'".
 VALUE LABELS AskQuest2_18
 1 "Yes"
 2 "No"
 99 "No valid response"
 90 "Children age 6-17 years"
 95 "Children age <1 year".
 MISSING VALUES AskQuest2_18(90,95,99).

COMPUTE TellStory_18 = TELLSTORY.
 IF SC AGE YEARS > 5 TellStory_18 = 90.
 IF SC AGE YEARS < 1 TellStory_18 = 95.
 VARIABLE LABELS TellStory_18 "Child is able to tell a story with a beginning, middle, and end".
 VALUE LABELS TellStory_18
 1 "Yes"
 2 "No"
 99 "No valid response"
 90 "Children age 6-17 years"
 95 "Children age <1 year".
 MISSING VALUES TellStory_18(90,95,99).

COMPUTE understand_18 = UNDERSTAND.
 IF SC AGE YEARS > 5 understand_18 = 90.
 IF SC AGE YEARS < 1 understand_18 = 95.
 VARIABLE LABELS understand_18 "Child is able to understand the meaning of the word 'no'".
 VALUE LABELS understand_18
 1 "Yes"
 2 "No"
 99 "No valid response"
 90 "Children age 6-17 years"
 95 "Children age <1 year".
 MISSING VALUES understand_18(90,95,99).

COMPUTE directions_18 = DIRECTIONS.

```

IF SC_AGE_YEARS > 5 directions_18 = 90.
IF SC_AGE_YEARS < 1 directions_18 = 95.
VARIABLE LABELS directions_18 "Child is able to follow a verbal direction without hand gestures, such as 'Wash your hands.'".
VALUE LABELS directions_18
1 "Yes"
2 "No"
99 "No valid response"
90 "Children age 6-17 years"
95 "Children age <1 year".
MISSING VALUES directions_18(90,95,99).

COMPUTE point_18 = POINT.
IF SC_AGE_YEARS > 5 point_18 = 90.
IF SC_AGE_YEARS < 1 point_18 = 95.
VARIABLE LABELS point_18 "Child is able to point to things in a book when asked".
VALUE LABELS point_18
1 "Yes"
2 "No"
99 "No valid response"
90 "Children age 6-17 years"
95 "Children age <1 year".
MISSING VALUES point_18(90,95,99).

COMPUTE TwoStepDirec_18 = DIRECTIONS2.
IF SC_AGE_YEARS > 5 TwoStepDirec_18 = 90.
IF SC_AGE_YEARS < 1 TwoStepDirec_18 = 95.
VARIABLE LABELS TwoStepDirec_18 "Child is able to follow 2-step directions, such as 'Get your shoes and put them in the basket.'".
VALUE LABELS TwoStepDirec_18
1 "Yes"
2 "No"
99 "No valid response"
90 "Children age 6-17 years"
95 "Children age <1 year".
MISSING VALUES TwoStepDirec_18(90,95,99).

COMPUTE Understand2_18 = UNDERSTAND2.
IF SC_AGE_YEARS > 5 Understand2_18 = 90.
IF SC_AGE_YEARS < 1 Understand2_18 = 95.
VARIABLE LABELS Understand2_18 "Child is able to Understand words such as 'in,' 'on,' and 'under'".
VALUE LABELS Understand2_18
1 "Yes"
2 "No"
99 "No valid response"
90 "Children age 6-17 years"
95 "Children age <1 year".
MISSING VALUES Understand2_18(90,95,99).

```

Indicator 6.1	Physical health status of mother (MothPhyH_18)
Description	If this child's mother is a primary caregiver and lives in the household, what is the mother's physical health status, in general?
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_PHYSHEALTH; A1_RELATION; A1_SEX; A2_PHYSHEALTH; A2_RELATION; A2_SEX
Denominator	Children age 0-17 years who live with their biological, step, adoptive, or foster mother
Numerator/Response Categories	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 (A1_PHYSHEALTH and A2_PHYSHEALTH) of the child's biological, adoptive, step or foster mother (A#_RELATIONSHIP=1,2,4 and A#_SEX=2). The survey respondent rated the child's adult primary caregivers' physical health (A#_PHYSHEALTH). Adult 1 (if mother) was chosen if both reported adults were mothers (biological, adoptive, step or foster). If the child only has one caregiver, only one was rated. If none of the caregivers are the child's mother (biological, adoptive, step, or foster), those children were not included in the denominator.
Revisions and Changes	The content of this measure did not change from the 2017 NSCH, therefore the results may be compared. In 2018, "Adult 2" was changed to "another primary caregiver in the household". An additional note stating to complete the same questions asked about for the primary caregiver (respondent) for another adult primary caregiver was provided in 2018. For more information about the changes, click here .
SPSS Syntax and Annotation	<pre> COMPUTE mother1_18=95. IF ((A1_RELATION = 1 or A1_RELATION = 2 or A1_RELATION = 4) and A1_SEX = 2) mother1_18=1. IF A1_RELATION = 99 or A1_SEX = 99 mother1_18=99. VARIABLE LABELS mother1_18 "Adult 1 is biological/adoptive, foster or step mother". COMPUTE mother2_18=95. IF ((A2_RELATION = 1 or A2_RELATION = 2 or A2_RELATION = 4) and A2_SEX = 2) mother2_18=1. IF A2_RELATION = 99 or A2_SEX = 99 mother2_18=99. IF A2_RELATION =8 mother2_18=95. VARIABLE LABELS mother2_18 "Adult 2 is biological/adoptive, foster or step mother". COMPUTE MothPhyH_18 = 95. DO IF mother1_18=1. IF A1_PHYSHEALTH = 1 or A1_PHYSHEALTH = 2 MothPhyH_18 = 1. IF A1_PHYSHEALTH = 3 MothPhyH_18 = 2. IF A1_PHYSHEALTH = 4 or A1_PHYSHEALTH = 5 MothPhyH_18 = 3. IF A1_PHYSHEALTH = 99 MothPhyH_18 = 99. END IF. DO IF ((mother1_18 =95 or mother1_18=99) and mother2_18=1). </pre>

Child and Family Health Measures – Community and School Activities

```
IF A2_PHYSHEALTH = 1 or A2_PHYSHEALTH = 2 MothPhyH_18 = 1.  
IF A2_PHYSHEALTH = 3 MothPhyH_18 = 2.  
IF A2_PHYSHEALTH = 4 or A2_PHYSHEALTH = 5 MothPhyH_18 = 3.  
IF A2_PHYSHEALTH = 99 MothPhyH_18 = 99.  
END IF.  
IF (A1_RELATION = 99 or A1_SEX = 99) and (A2_RELATION = 99 or A2_SEX = 99) MothPhyH_18=99.  
VARIABLE LABELS MothPhyH_18 "Indicator 6.1: Physical health status of mother, children living with  
biological, adopted, step, or foster mother".  
VALUE LABELS MothPhyH_18  
1 "Excellent or very good"  
2 "Good"  
3 "Fair or poor"  
99 "Missing"  
95 "No mother reported in the household as a primary caregiver of the child".  
FORMATS MothPhyH_18 (f4.0).  
MISSING VALUES MothPhyH_18 (95,99).  
EXECUTE.
```

Indicator 6.1a	Physical health status of father (FathPhyH_18)
Description	If this child's father is a primary caregiver and lives in the household, what is the father's physical health status, in general?
Survey Items Used	Survey instrument item for children 0-5 years: J1,J2,J8,J11,J12,J18; for children 6-11 years: J1,J2,J8,J11,J12,J1; for children 12-17 years: J1,J2,J8,J11,J12,J18 Variables in public use data file: A1_PHYSHEALTH; A1_RELATION; A1_SEX; A2_PHYSHEALTH; A2_RELATION; A2_SEX
Denominator	Children age 0-17 years who live with their biological, step, foster, or adoptive father
Numerator/Response Categories	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 (A1_PHYSHEALTH and A2_PHYSHEALTH) of the child's biological, adoptive, step or foster father (A#_RELATIONSHIP=1,2,4 and A#_SEX=1). The survey respondent rated the child's adult primary caregivers' physical health (A#_PHYSHEALTH). Adult 1 (if father) was chosen if both reported adults were fathers (biological, adoptive, step or foster). If the child only has one caregiver, only one was rated. If none of the caregivers are the child's father (biological, adoptive, step, or foster), those children were not included in the denominator.	
Revisions and Changes	
The content of this measure did not change from the 2017 NSCH, therefore the results may be compared. In 2018, "Adult 2" was changed to "another primary caregiver in the household". An additional note stating to complete the same questions asked about for the primary caregiver (respondent) for another adult primary caregiver was provided in 2018. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE father1_18=95. IF ((A1_RELATION = 1 or A1_RELATION = 2 or A1_RELATION = 4) and A1_SEX = 1) father1_18=1. IF A1_RELATION = 99 or A1_SEX = 99 father1_18=99. VARIABLE LABELS father1_18 "Adult 1 is biological/adoptive, foster or step father". COMPUTE father2_18=95. IF ((A2_RELATION = 1 or A2_RELATION = 2 or A2_RELATION = 4) and A2_SEX = 1) father2_18=1. IF A2_RELATION = 99 or A2_SEX = 99 father2_18=99. IF A2_RELATION =8 father2_18=95. VARIABLE LABELS father2_18 "Adult 2 is biological/adoptive, foster or step father". COMPUTE FathPhyH_18 = 95. DO IF father1_18=1. IF A1_PHYSHEALTH = 1 or A1_PHYSHEALTH = 2 FathPhyH_18 = 1. IF A1_PHYSHEALTH = 3 FathPhyH_18 = 2. IF A1_PHYSHEALTH = 4 or A1_PHYSHEALTH = 5 FathPhyH_18 = 3. IF A1_PHYSHEALTH = 99 FathPhyH_18 = 99. END IF. DO IF ((father1_18 =95 or father1_18=99) and father2_18=1). IF A2_PHYSHEALTH = 1 or A2_PHYSHEALTH = 2 FathPhyH_18 = 1. IF A2_PHYSHEALTH = 3 FathPhyH_18 = 2. </pre>	

Child and Family Health Measures – Community and School Activities

```
IF A2_PHYSHEALTH = 4 or A2_PHYSHEALTH = 5 FathPhyH_18 = 3.  
IF A2_PHYSHEALTH = 99 FathPhyH_18 = 99.  
END IF.  
IF (A1_RELATION = 99 or A1_SEX = 99) and (A2_RELATION = 99 or A2_SEX = 99) FathPhyH_18=99.  
VARIABLE LABELS FathPhyH_18 "Indicator 6.1a: Physical health status of father, children living with  
biological, adopted, step, or foster father".  
VALUE LABELS FathPhyH_18  
1 "Excellent or very good"  
2 "Good"  
3 "Fair or poor"  
99 "Missing"  
95 "No father reported in the household as a primary caregiver of the child".  
FORMATS FathPhyH_18 (f4.0).  
MISSING VALUES FathPhyH_18 (95,99).  
EXECUTE.
```

Indicator 6.2	Mental health status of mother (MotherMH_18)
Description	If this child's mother is a primary caregiver and lives in the household, what is the status of mother's mental and emotional health, in general?
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 Variables in public use data file: A1_MENTHEALTH; A1_RELATION; A1_SEX; A2_MENTHEALTH; A2_RELATION; A2_SEX
Denominator	Children age 0-17 years who live with their biological, step, adoptive, or foster mother
Numerator/Response Categories	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	
This measure summarizes the mental or emotional health status (A#_MENTHEALTH) of the child's biological, adoptive, step or foster mother (A#_RELATIONSHIP=1,2,4 and A#_SEX=2). The survey respondent rated the child's adult primary caregivers' mental or emotional health (A#_MENTHEALTH). Adult 1 (if mother) was chosen if both reported adults were mothers (biological, adoptive, step or foster). If the child only has one caregiver, only one was rated. If none of the caregivers are the child's mother (biological, adoptive, step, or foster), those children were not included in the denominator.	
Revisions and Changes	
The content of this measure did not change from the 2017 NSCH, therefore the results may be compared. In 2018, "Adult 2" was changed to "another primary caregiver in the household". An additional note stating to complete the same questions asked about for the primary caregiver (respondent) for another adult primary caregiver was provided in 2018. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE MotherMH_18 = 95. DO IF mother1_18=1. IF A1_MENTHEALTH = 1 or A1_MENTHEALTH = 2 MotherMH_18 = 1. IF A1_MENTHEALTH = 3 MotherMH_18 = 2. IF A1_MENTHEALTH = 4 or A1_MENTHEALTH = 5 MotherMH_18 = 3. IF A1_MENTHEALTH = 99 MotherMH_18 = 99. END IF. DO IF ((mother1_18 =95 or mother1_18=99) and mother2_18=1). IF A2_MENTHEALTH = 1 or A2_MENTHEALTH = 2 MotherMH_18 = 1. IF A2_MENTHEALTH = 3 MotherMH_18 = 2. IF A2_MENTHEALTH = 4 or A2_MENTHEALTH = 5 MotherMH_18 = 3. IF A2_MENTHEALTH = 99 MotherMH_18 = 99. END IF. IF (A1_RELATION = 99 or A1_SEX = 99) and (A2_RELATION = 99 or A2_SEX = 99) MotherMH_18=99. VARIABLE LABELS MotherMH_18 "Indicator 6.2: Mental health status of mother, children living with biological, adopted, step, or foster mother". VALUE LABELS MotherMH_18 1 "Excellent or very good" 2 "Good" </pre>	

Child and Family Health Measures – Family Health and Activities

3 "Fair or poor"
99 "Missing"
95 "No mother reported in the household as a primary caregiver of the child".
FORMATS MotherMH_18 (f4.0).
MISSING VALUES MotherMH_18 (95,99).
EXECUTE.

Indicator 6.2a	Mental health status of father (FatherMH_18)
Description	If this child's father is a primary caregiver and lives in the household, what is the status of father's mental and emotional health, in general?
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 Variables in public use data file: A1_MENTHEALTH; A1_RELATION; A1_SEX; A2_MENTHEALTH; A2_RELATION; A2_SEX
Denominator	Children age 0-17 years who live with their biological, step, foster, or adoptive father
Numerator/Response Categories	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	
This measure summarizes the mental or emotional health status (A#_MENTHEALTH) of the child's biological, adoptive, step or foster father (A#_RELATIONSHIP=1,2,4; A#_SEX=1). The survey respondent rated the child's adult primary caregivers' mental or emotional health (A#_MENTHEALTH). Adult 1 (if father) was chosen if both reported adults were fathers (biological, adoptive, step or foster). If the child only has one caregiver, only one was rated. If none of the caregivers are the child's father (biological, adoptive, step, or foster), those children were not included in the denominator.	
Revisions and Changes	
The content of this measure did not change from the 2017 NSCH, therefore the results may be compared. In 2018, "Adult 2" was changed to "another primary caregiver in the household". An additional note stating to complete the same questions asked about for the primary caregiver (respondent) for another adult primary caregiver was provided in 2018. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE FatherMH_18 = 95. DO IF father1_18=1. IF A1_MENTHEALTH = 1 or A1_MENTHEALTH = 2 FatherMH_18 = 1. IF A1_MENTHEALTH = 3 FatherMH_18 = 2. IF A1_MENTHEALTH = 4 or A1_MENTHEALTH = 5 FatherMH_18 = 3. IF A1_MENTHEALTH = 99 FatherMH_18 = 99. END IF. DO IF ((father1_18 =95 or father1_18=99) and father2_18=1). IF A2_MENTHEALTH = 1 or A2_MENTHEALTH = 2 FatherMH_18 = 1. IF A2_MENTHEALTH = 3 FatherMH_18 = 2. IF A2_MENTHEALTH = 4 or A2_MENTHEALTH = 5 FatherMH_18 = 3. IF A2_MENTHEALTH = 99 FatherMH_18 = 99. END IF. IF (A1_RELATION = 99 or A1_SEX = 99) and (A2_RELATION = 99 or A2_SEX = 99) FatherMH_18=99. VARIABLE LABELS FatherMH_18 "Indicator 6.2a: Mental health status of father, children living with biological, adopted, step, or foster father". VALUE LABELS FatherMH_18 1 "Excellent or very good" 2 "Good"</pre>	

3 "Fair or poor"
99 "Missing"
95 "No father reported in the household as a primary caregiver of the child".
FORMATS FatherMH_18 (f4.0).
MISSING VALUES FatherMH_18 (95,99).
EXECUTE.

Indicator 6.3	Overall health status of mother (MotherHSt_18)
Description	If this child's mother is a primary caregiver and lives in the household, are his/her mother's physical and mental health both excellent or very good?
Survey Items Used	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 Variables in public use data file: A1_MENTHEALTH; A1_PHYSHEALTH; A1_RELATION; A1_SEX; A2_MENTHEALTH; A2_PHYSHEALTH; A2_RELATION; A2_SEX
Denominator	Children age 0-17 years who live with their biological, step, adoptive, or foster mother
Numerator/Response Categories	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	
<p>This measure is a composite of the mother's physical and mental/emotional health status. To qualify on this measure, the child's mother's physical health and mental health must both be "Excellent" or "Very Good". Please keep in mind that approximately 12.1% of children in the survey were not currently living with a mother in the household or had missing responses to A_RELATION or A_SEX questions and are not included in the denominator. Adult 1 (if mother) was chosen if both reported adults were mothers (biological, adoptive, step or foster). If the child only has one caregiver, only one was rated. If none of the caregivers are the child's mother (biological, adoptive, step, or foster), those children were not included in the denominator.</p>	
Revisions and Changes	
<p>The content of this measure did not change from the 2017 NSCH, therefore the results may be compared.</p> <p>In 2018, "Adult 2" was changed to "another primary caregiver in the household". An additional note stating to complete the same questions asked about for the primary caregiver (respondent) for another adult primary caregiver was provided in 2018. For more information about the changes, click here.</p>	
SPSS Syntax and Annotation	
<p>MISSING VALUES MothPhyH_18 MotherMH_18().</p> <p>COMPUTE MotherHSt_18 = 999. IF MothPhyH_18 = 1 and MotherMH_18 = 1 MotherHSt_18 = 1. IF MothPhyH_18 = 1 and (MotherMH_18 = 2 or MotherMH_18 = 3) MotherHSt_18 = 2. IF (MothPhyH_18 = 2 or MothPhyH_18 = 3) and MotherMH_18 = 1 MotherHSt_18 = 2. IF (MothPhyH_18 = 2 or MothPhyH_18 = 3) and (MotherMH_18 = 2 or MotherMH_18 = 3) MotherHSt_18 = 2. IF MothPhyH_18 = 99 or MotherMH_18 = 99 MotherHSt_18 = 99. IF MothPhyH_18 = 95 or MotherMH_18 = 95 MotherHSt_18 = 95.</p> <p>VARIABLE LABELS MotherHSt_18 "Indicator 6.3: Mother's overall physical and mental-emotional health status, children living with biological, adopted, step, or foster mother".</p> <p>VALUE LABELS MotherHSt_18 1 "Physical & mental health BOTH excellent or very good" 2 "One or both of physical & mental health are NOT excellent/very good"</p>	

99 "Missing"

95 "No mother reported in the household as a primary caregiver of the child".

MISSING VALUES MotherHSt_18(95,99).

FORMATS MotherHSt_18(f2.0).

EXECUTE.

Indicator 6.3a	Overall health status of father (FatherHSt_18)
Description	If this child's father is a primary caregiver and lives in the household, are his/her father's physical and mental health both excellent or very good?
Survey Items Used	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 Variables in public use data file: A1_MENTHEALTH; A1_PHYSHEALTH; A1_RELATION; A1_SEX; A2_MENTHEALTH; A2_PHYSHEALTH; A2_RELATION; A2_SEX
Denominator	Children ages 0-17 years who live with their biological, step, foster or adoptive father
Numerator/Response Categories	Children with fathers whose overall physical and mental health status are BOTH excellent or very good; Children with fathers 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 father's physical and mental/emotional health status. To qualify, responses for the child's father on both measures must be either "Excellent" or "Very Good". Please keep in mind that approximately 24.7% of children in the survey were not currently living with a father in the household or had missing responses to A#_RELATION or A#_SEX questions and are not included in the denominator. Adult 1 (if father) was chosen if both reported adults were fathers (biological, adoptive, step or foster). If the child only has one caregiver, only one was rated. If none of the caregivers are the child's father (biological, adoptive, step, or foster), those children were not included in the denominator.	
Revisions and Changes	
The content of this measure did not change from the 2017 NSCH, therefore the results may be compared. In 2018, "Adult 2" was changed to "another primary caregiver in the household". An additional note stating to complete the same questions asked about for the primary caregiver (respondent) for another adult primary caregiver was provided in 2018. For more information about the changes, click here .	
SPSS Syntax and Annotation	
MISSING VALUES FathPhyH_18 FatherMH_18().	
<pre>COMPUTE FatherHSt_18 = 999. IF FathPhyH_18 = 1 and FatherMH_18 = 1 FatherHSt_18 = 1. IF FathPhyH_18 = 1 and (FatherMH_18 = 2 or FatherMH_18 = 3) FatherHSt_18 = 2. IF (FathPhyH_18 = 2 or FathPhyH_18 = 3) and FatherMH_18 = 1 FatherHSt_18 = 2. IF (FathPhyH_18 = 2 or FathPhyH_18 = 3) and (FatherMH_18 = 2 or FatherMH_18 = 3) FatherHSt_18 = 2. IF FathPhyH_18 = 99 or FatherMH_18 = 99 FatherHSt_18 = 99. IF FathPhyH_18 = 95 or FatherMH_18 = 95 FatherHSt_18 = 95. VARIABLE LABELS FatherHSt_18 "Indicator 6.3: Father's overall physical and mental-emotional health status, children living with biological, adopted, step, or foster father". VALUE LABELS FatherHSt_18 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 father reported in the household as a primary caregiver of the child".
MISSING VALUES FatherHSt_18(95,99).
FORMATS FatherHSt_18(f2.0).
EXECUTE.

Indicator 6.4	Someone living in the household smokes (smoking_18)
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/Response Categories	Children who live in households where someone smokes; Children who live in households that do not include someone who smokes
Notes for Data-Users	
This measure was derived from a single item.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE smoking_18 = K9Q40. VARIABLE LABELS smoking_18 "Indicator 6.4: Children who live in households where someone uses cigarettes, cigars, or pipe tobacco". VALUE LABELS smoking_18 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES smoking_18(99). FORMATS smoking_18(f4.0). EXECUTE. </pre>	

Indicator 6.4a	Someone smokes inside the home (SmkInside_18)
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 Variables in public use data file: K9Q40; K9Q41
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who live in households where no one in the household smokes; Children who live in households where someone smokes but not inside the house; Children who live in a household where someone smokes inside the house
Notes for Data-Users	
The question "Does anyone smoke inside your home" was only asked if respondents who said "Yes" to "Does anyone living in your household use cigarettes, cigars, or pipe tobacco?" This measure shows the overall prevalence of both outcomes.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE SmkInside_18 = 999. IF K9Q40 = 2 SmkInside_18 = 1. IF K9Q40 = 1 and K9Q41 = 2 SmkInside_18 = 2. IF K9Q40 = 1 and K9Q41 = 1 SmkInside_18 = 3. IF K9Q40=99 or K9Q41=99 SmkInside_18 = 99. VARIABLE LABELS SmkInside_18 "Indicator 6.4a: Someone smokes inside the home". VALUE LABELS SmkInside_18 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_18(99). FORMATS SmkInside_18(f4.0). EXECUTE. </pre>	

Indicator 6.5	Children living in "working poor" families (WrkngPoor_18)
Description	Does this child live in a "working poor" household: that is, parent(s) are employed full-time with incomes less than 100% of the federal poverty level?
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; povlev4_18 (derived)
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who do not live in a "working poor" household; Children who live in a "working poor" household
Notes for Data-Users	
<p>This measure is derived from two items: 1) A#_K11Q50_R defines whether any of the child's primary caregivers in the household were employed during at least 50 of the past 52 weeks, and 2) The income variable, povlev4_1718, is calculated based on the relative poverty status according to household size and income. Households with income less than 100% of Federal Poverty Level are defined as "poor."</p> <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_1718). The 2017 and 2018 NSCH public use data files provided by the Census Bureau include six imputed income variables, FPL_I1-FPL_I6. The DRC uses single imputation data (FPL_I1).</p>	
Revisions and Changes	
<p>The content of this measure did not change from the 2017 NSCH, therefore the results may be compared. In 2018, "Adult 2" was changed to "another primary caregiver in the household". An additional note stating to complete the same questions asked about for the primary caregiver (respondent) for another adult primary caregiver was provided in 2018. For more information about the changes, click here.</p>	
SPSS Syntax and Annotation	
<pre> COMPUTE work50hrs_18 = 2. IF A1_K11Q50_R = 1 or A2_K11Q50_R = 1 work50hrs_18 = 1. IF A1_K11Q50_R = 99 and (A2_K11Q50_R = 99 or A2_K11Q50_R =95) work50hrs_18 = 99. VARIABLE LABELS work50hrs_18 "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_18 1 "Yes" 2 "No" 99 "Missing". COMPUTE WrkngPoor_18 = 999. IF (povlev4_18 >1 and povlev4_18 <=4) and (work50hrs_18 = 1 or work50hrs_18 = 2) WrkngPoor_18 = 2. IF povlev4_18 = 1 and work50hrs_18 = 2 WrkngPoor_18 = 2. IF povlev4_18 = 1 and work50hrs_18 = 1 WrkngPoor_18 = 1. IF work50hrs_18 = 99 WrkngPoor_18 = 99. VARIABLE LABELS WrkngPoor_18 "Indicator 6.5: Children live in working poor households--parents employed full-time with income less than 100% FPL". </pre>	

Child and Family Health Measures – Family Health and Activities

```
VALUE LABELS WrkngPoor_18
1 "Live in 'working poor' household"
2 "Do not live in 'working poor' household"
99 "Missing".
MISSING VALUES WrkngPoor_18(99).
FORMATS WrkngPoor_18(f4.0).
EXECUTE.
```

Indicator 6.6	Family shares ideas, 6-17 years (Shareldeas_18)
Description	How well can you and this child share ideas or talk about things that really matter, age 6-17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: H7; for children 12-17 years: H7 Variable in public use data file: K8Q21
Denominator	Children age 6-17 years
Numerator/Response Categories	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	
This measure was derived from a single item. Please note that results for this question are weighted to reflect the population of children ages 6-17, not the population of parents. Results should be reported as: "Percent of children ages 6-17 who share ideas or talk very well with their parents", not as "Percent of parents...".	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE K8Q21 (1=1) (2=2) (3 thru 4=3) (99=99) into Shareldeas_18. IF SC_AGE_YEARS < 6 Shareldeas_18 = 90. VARIABLE LABELS Shareldeas_18 "Indicator 6.6: Parents and children sharing ideas or talk about things that really matter, age 6-17 years". VALUE LABELS Shareldeas_18 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 Shareldeas_18(90,99). FORMATS Shareldeas_18(f2.0). EXECUTE. </pre>	

Indicator 6.7	Family reads to children, 0-5 years (readto_18)
Description	During the past week, how many days did you or other family members read to this child, age 0-5 years?
Survey Items Used	Survey instrument item number for children 0-5 years: H8 Variable in public use data file: K6Q60_R
Denominator	Children age 0-5 years
Numerator/Response Categories	Children whose family members read to children 0 days out of the week; Children whose family members read to children 1-3 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 everyday

Notes for Data-Users

This measure was derived from a single item. Please note that results for this question are weighted to reflect the population of children ages 0-5, not the population of parents. Results should be reported as: "Percent of children ages 0-5 whose parents or family members read to them everyday", not as "Percent of parents...".

Revisions and Changes

This measure did not change from the 2017 NSCH, therefore the results may be compared.

SPSS Syntax and Annotation

```

COMPUTE readto_18 = K6Q60_R.
IF SC_AGE_YEARS > 5 readto_18 = 90.
VARIABLE LABELS readto_18 "Indicator 6.7: Number of days children were read aloud to during the past week, age 0-5 years".
VALUE LABELS readto_18
1 "No days"
2 "1-3 days"
3 "4-6 days"
4 "Every day"
99 "Missing"
90 "Children age 6-17 years".
MISSING VALUES readto_18(90,99).
FORMATS readto_18(f2.0).
EXECUTE.

```

Indicator 6.8	Family sings and tells stories to children, 0-5 years (SingStory_18)
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: H9 Variable in public use data file: K6Q61_R
Denominator	Children age 0-5 years
Numerator/Response Categories	Children whose family members sing or tell stories to children 0 days out of the week; Children whose family members sing or tell stories to children 1-3 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 everyday
Notes for Data-Users	
This measure was derived from a single item. Please note that results for this question are weighted to reflect the population of children ages 0-5, not the population of parents or families. Results should be reported as: "Percent of children ages 0-5 years whose parents or family members sing or tell stories to children everyday", not as "Percent of parents..."	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE SingStory_18 = K6Q61_R. IF SC AGE YEARS > 5 SingStory_18 = 90. VARIABLE LABELS SingStory_18 "Indicator 6.8: Number of days children were sung to or told stories to during past week, age 0-5 years". VALUE LABELS SingStory_18 1 "No days" 2 "1-3 days" 3 "4-6 days" 4 "Every day" 99 "Missing" 90 "Children age 6-17 years". MISSING VALUES SingStory_18(90,99). FORMATS SingStory_18(f2.0). EXECUTE. </pre>	

Indicator 6.9	Family eats meal together (MealTogether_18)
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/Response Categories	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	
Please note that results for this question are weighted to reflect the population of children ages 0-17, not the population of parents or families. Results should be reported as: "Percent of children whose family eats meals together every day", not as "Percent of families..."	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
RECODE K8Q11 (1=0) (2=1) (3=2) (4=3) (99=99) into MealTogether_18. VARIABLE LABELS MealTogether_18 "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_18 0 "No days" 1 "1-3 days" 2 "4-6 days" 3 "Every day" 99 "Missing". MISSING VALUES MealTogether_18(99). FORMATS MealTogether_18(f4.0). EXECUTE.	

Indicator 6.10	Time spent in front of a TV, computer, cellphone or other electronic device (ScreenTime_18)
Description	On most weekdays, about how much time does this child usually spend in front of a TV, computer, cellphone or other electronic device watching programs, playing games, accessing the internet or using social media, not including schoolwork?
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: SCREENTIME
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who spent less than 1 hour in front of a TV, computer, cellphone or other electronic device on most weekdays; Children who spent 1 hour in front of a TV, computer, cellphone or other electronic device on most weekdays; Children who spent 2 hours in front of a TV, computer, cellphone or other electronic device on most weekdays; Children who spent 3 hours in front of a TV, computer, cellphone or other electronic device on most weekdays; Children who spent 4 or more hours in front of a TV, computer, cellphone or other electronic device on most weekdays
Notes for Data-Users	
This measure was derived from a single survey item.	
Revisions and Changes	
In 2018, two survey items were combined and the response option "None" was removed to have 5 response options: Less than 1 hour, 1 hour, 2 hours, 3 hours, 4 or more hours. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE ScreenTime_18 = SCREENTIME. VARIABLE LABELS ScreenTime_18 "Indicator 6.10: Time spent in front of a TV, computer, cellphone or other electronic devices on most weekdays". VALUE LABELS ScreenTime_18 1 "Less than 1 hour" 2 "1 hour" 3 "2 hours" 4 "3 hours" 5 "4 or more hours" 99 "Missing". MISSING VALUES ScreenTime_18(99). FORMATS ScreenTime_18(f2.0). EXECUTE. </pre>	

Indicator 6.12	Family resilience (FamResilience_18)
Description	Does this child live in a home where the family demonstrates qualities of resilience during difficult times?
Survey Items Used	Survey instrument item number for children age 0-5 years: I6; for children age 6-11 years: I6; for children age 12-17 years: I6 Variables in public use data file: HOPEFUL; STRENGTHS; TALKABOUT; WKTOSOLVE
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who live in a family that met 0-1 family resilience items; Children who live in a family that met 2-3 family resilience items; Children who live in a family that met all 4 family resilience items
Notes for Data-Users	
This is a composite measure based on responses to the following 4 survey items: "When your family faces problems, how often are you likely to do each of the following?" (a) Talk together about what to do (TALKABOUT), (b) Work together to solve our problems (WKTOSOLVE), (c) Know we have strengths to draw on (STRENGTHS), and (d) Stay hopeful even in difficult times (HOPEFUL). Response options to the four items are none of the time, some of the time, most of the time, or all of the time. In order to meet each individual indicator, a response of either most of the time or all of the time was required.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE TALKABOUT (1=1) (2=2) (3 thru 4 = 3) (99=99) into TalkAbout_18. VARIABLE LABELS TalkAbout_18 "Talk together about what to do when the family faces problems". VALUE LABELS TalkAbout_18 1 "All of the time" 2 "Most of the time" 3 "Some/None of the time" 99 "Missing". MISSING VALUES TalkAbout_18(99). FORMATS TalkAbout_18(f4.0). EXECUTE. RECODE WKTOSOLVE (1=1) (2=2) (3 thru 4 = 3) (99=99) into WrkToSolve_18. VARIABLE LABELS WrkToSolve_18 "Work together to solve the problem when your family faces problems". VALUE LABELS WrkToSolve_18 1 "All of the time" 2 "Most of the time" 3 "Some/None of the time" 99 "Missing". MISSING VALUES WrkToSolve_18(99). </pre>	

FORMATS WrkToSolve_18(f4.0).

EXECUTE.

RECODE STRENGTHS

(1=1) (2=2) (3 thru 4 = 3) (99=99) into strengths_18.

VARIABLE LABELS strengths_18 "Know we have strengths to draw on when the family faces problems".

VALUE LABELS strengths_18

1 "All of the time"

2 "Most of the time"

3 "Some/None of the time"

99 "Missing".

MISSING VALUES strengths_18(99).

FORMATS strengths_18(f4.0).

EXECUTE.

RECODE HOPEFUL

(1=1) (2=2) (3 thru 4 = 3) (99=99) into hopeful_18.

VARIABLE LABELS hopeful_18 "Stay hopeful even in difficult times when the family faces problems".

VALUE LABELS hopeful_18

1 "All of the time"

2 "Most of the time"

3 "Some/None of the time"

99 "Missing".

MISSING VALUES hopeful_18(99).

FORMATS hopeful_18(f4.0).

EXECUTE.

MISSING VALUES TalkAbout_18 WrkToSolve_18 strengths_18 hopeful_18().

COUNT CtFamRes_18 = TalkAbout_18 WrkToSolve_18 strengths_18 hopeful_18(1,2).

IF TalkAbout_18 = 99 and WrkToSolve_18 = 99 and strengths_18 =99 and hopeful_18 = 99 CtFamRes_18 = 99.

VARIABLE LABELS CtFamRes_18 "Count of all of time and most of time responses".

COMPUTE FamResilience_18 = 999.

IF CtFamRes_18 <= 1 FamResilience_18 = 1.

IF CtFamRes_18 = 2 or CTFamRes_18 = 3 FamResilience_18 = 2.

IF CtFamRes_18 = 4 FamResilience_18 = 3.

IF CtFamRes_18 = 99 FamResilience_18 = 99.

VARIABLE LABELS FamResilience_18 "Indicator 6.12: Family flourishing composite measure".

VALUE LABELS FamResilience_18

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_18(99).

FORMATS FamResilience_18(f4.0).

EXECUTE.

Indicator 6.13	Adverse childhood experiences (ACE2more_18)
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: I12a-h; for children 6-11 years: I13a-h; for children 12-17 years: I13a-h Variables in public use data file: ACE1; ACE3; ACE4; ACE5; ACE6; ACE7; ACE8; ACE9; ACE10
Denominator	Children age 0-17 years
Numerator/Response Categories	Children with no adverse childhood experiences; Children with 1 adverse childhood experience; Children with 2 or more adverse childhood experiences
Notes for Data-Users	
The 2018 NSCH includes nine ACEs items: hard to cover basics on family's income (ACE1); parent or guardian divorced or separated (ACE3); parent or guardian died (ACE4); parent or guardian served time in jail (ACE5); saw or heard parents or adults slap, hit, kick punch one another in the home (ACE6); was a victim of violence or witnessed violence in neighborhood (ACE7); lived with anyone who was mentally ill, suicidal, or severely depressed (ACE8); lived with anyone who had a problem with alcohol or drugs (ACE9); and treated or judged unfairly due to race/ethnicity (ACE 10). A response of 'somewhat often' or 'very often' to the question "Since this child was born, how often has it been very hard to cover the basics, like food or housing, on your family's income?" (ACE1) was coded as an adverse childhood experience. The remaining survey items ACE3-ACE10 are dichotomous with 'Yes/No' response options.	
Revisions and Changes	
There were changes to the wording of the item that asks about whether the child's family experienced economic hardship to cover the basics, like food or housing (ACE1). Though data for this item will not be comparable with the 2017 NSCH due to the change, the overall measure of ACES did not change; therefore, the results of the composite measure may be compared. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE ACEincome2_18 = 999. IF ACE1 = 3 or ACE1 = 4 ACEincome2_18 = 1. IF ACE1 = 1 or ACE1 = 2 ACEincome2_18 = 2. IF ACE1 = 99 ACEincome2_18 = 99. VARIABLE LABELS ACEincome2_18 "How often has it been hard to get by on your family's income - hard to cover basics like food or housing since the child was born?". VALUE LABELS ACEincome2_18 1 "Very often or somewhat often" 2 "Never or rarely" 99 "Missing". MISSING VALUES ACEincome2_18(99). FORMATS ACEincome2_18(f4.0). EXECUTE. COMPUTE ACEdivorce_18 = ACE3. VARIABLE LABELS ACEdivorce_18 "Adverse childhood experience: parent or guardian divorced or </pre>	

separated".

VALUE LABELS ACEdivorce_18

1 "Experienced the adverse childhood experience"

2 "Did not experience this adverse childhood experience"

99 "Missing".

MISSING VALUES ACEdivorce_18(99).

FORMATS ACEdivorce_18(f4.0).

EXECUTE.

COMPUTE ACEdeath_18 = ACE4.

VARIABLE LABELS ACEdeath_18 "Adverse childhood experience: parent or guardian died".

VALUE LABELS ACEdeath_18

1 "Experienced the adverse childhood experience"

2 "Did not experience this adverse childhood experience"

99 "Missing".

MISSING VALUES ACEdeath_18(99).

FORMATS ACEdeath_18(f4.0).

EXECUTE.

COMPUTE ACEjail_18 = ACE5.

VARIABLE LABELS ACEjail_18 "Adverse childhood experience: parent or guardian served time in jail".

VALUE LABELS ACEjail_18

1 "Experienced the adverse childhood experience"

2 "Did not experience this adverse childhood experience"

99 "Missing".

MISSING VALUES ACEjail_18(99).

FORMATS ACEjail_18(f4.0).

EXECUTE.

COMPUTE ACEdomviol_18 = ACE6.

VARIABLE LABELS ACEdomviol_18 "Adverse childhood experience:saw or heard parents or adults slap, hit, kick, punch one another in the home".

VALUE LABELS ACEdomviol_18

1 "Experienced the adverse childhood experience"

2 "Did not experience this adverse childhood experience"

99 "Missing".

MISSING VALUES ACEdomviol_18(99).

FORMATS ACEdomviol_18(f4.0).

EXECUTE.

RECODE ACE7

(99=99) (else=copy) into ACEneighviol_18.

VARIABLE LABELS ACEneighviol_18 "Adverse childhood experience: victim/witness of neighborhood violence".

VALUE LABELS ACEneighviol_18

1 "Experienced the adverse childhood experience"

2 "Did not experience this adverse childhood experience"

99 "Missing".

MISSING VALUES ACEneighviol_18(99).

FORMATS ACEneighviol_18(f4.0).

EXECUTE.

FREQUENCIES VARIABLES=ACE7 ACEneighviol_18.

RECODE ACE8

(99=99) (else=copy) into ACEmhealth_18.

VARIABLE LABELS ACEmhealth_18 "Adverse childhood experience: lived with anyone who was mentally ill, suicidal, or severely depressed".

VALUE LABELS ACEmhealth_18

1 "Experienced the adverse childhood experience"

2 "Did not experience this adverse childhood experience"

99 "Missing".

MISSING VALUES ACEmhealth_18(99).

FORMATS ACEmhealth_18(f4.0).

EXECUTE.

COMPUTE ACEdrug_18 = ACE9.

VARIABLE LABELS ACEdrug_18 "Adverse childhood experience: lived with anyone who had a problem with alcohol or drug".

VALUE LABELS ACEdrug_18

1 "Experienced the adverse childhood experience"

2 "Did not experience this adverse childhood experience"

99 "Missing".

MISSING VALUES ACEdrug_18(99).

FORMATS ACEdrug_18(f4.0).

EXECUTE.

COMPUTE ACEdiscrim_18 = ACE10.

VARIABLE LABELS ACEdiscrim_18 "Adverse childhood experience: treated or judged unfairly because of his/her race or ethnic group".

VALUE LABELS ACEdiscrim_18

1 "Experienced the adverse childhood experience"

2 "Did not experience this adverse childhood experience"

99 "Missing".

MISSING VALUES ACEdiscrim_18(99).

FORMATS ACEdiscrim_18(f4.0).

EXECUTE.

MISSING VALUES ACEincome2_18 ACEdivorce_18 ACEdeath_18 ACEjail_18 ACEdomviol_18
ACEneighviol_18 ACEmhealth_18 ACEdrug_18 ACEdiscrim_18().

COUNT ACEct_18 = ACEincome2_18 ACEdivorce_18 ACEdeath_18 ACEjail_18 ACEdomviol_18
ACEneighviol_18 ACEmhealth_18 ACEdrug_18 ACEdiscrim_18(1).

IF ACEincome2_18 = 99 and ACEdivorce_18 = 99 and ACEdeath_18 = 99 and ACEjail_18 = 99 and
ACEdomviol_18 = 99 and

ACEneighviol_18 = 99 and ACEmhealth_18 = 99 and ACEdrug_18 = 99 and ACEdiscrim_18 = 99
ACEct_18 = 99.

VARIABLE LABELS ACEct_18 "Number of adverse childhood experiences, of 9 asked about".

VALUE LABELS ACEct_18

0 "No adverse childhood experiences"

99 "Missing to all 9 items".

RECODE ACEct_18

(0=1) (1=2) (2 thru 9 =3) (99=99) into ACE2more_18.

Child and Family Health Measures – Family Health and Activities

```
VARIABLE LABELS ACE2more_18 "Indicator 6.13: Children experienced two or more adverse childhood experiences".  
VALUE LABELS ACE2more_18  
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_18(99).  
FORMATS ACE2more_18(f4.0).  
EXECUTE.
```

Indicator 6.14	Parental aggravation (ParAggrav_18)
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: H11; for children 6-11 years: H9; for children 12-17 years: H9 Variable in public use data file: K8Q31; K8Q32; K8Q34
Denominator	Children age 0-17 years
Numerator/Response Categories	Children whose parents often feel aggravation from parenting; Children whose parents seldom feel aggravation from parenting
Notes for Data-Users	
Parents who "often feel aggravated" are defined as parents who reported that during the last month, on average, they usually or always felt their child was much harder to care for than other children (K8Q31), or were usually or always bothered a lot by their child's behavior (K8Q32), or usually or always felt angry with their children (K8Q34). Please note that results for this measure are weighted to reflect the population of children ages 0-17, not the population of parents. The accurate way to report these results are: "Percent of children ages 0-17 living with parents who report often feeling aggravated from parenting", not as "Percent of parents...".	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
RECODE K8Q31 (1=1) (2=2) (3=3) (4 thru 5 = 4) (99=99) into DiffCare_18. VARIABLE LABELS DiffCare_18 "Parent felt child is much harder to care for than most children during the past month". VALUE LABELS DiffCare_18 1 "Never" 2 "Rarely" 3 "Sometimes" 4 "Usually or always" 99 "Missing". MISSING VALUES DiffCare_18(99). FORMATS DiffCare_18(f4.0). EXECUTE. RECODE K8Q32 (1=1) (2=2) (3=3) (4 thru 5 = 4) (99=99) into bother_18. VARIABLE LABELS bother_18 "Parent felt child does things that bother them during the past month". VALUE LABELS bother_18 1 "Never" 2 "Rarely" 3 "Sometimes" 4 "Usually or always" 99 "Missing".	

MISSING VALUES bother_18(99).

FORMATS bother_18(f4.0).

EXECUTE.

RECODE K8Q34

(1=1) (2=2) (3=3) (4 thru 5 = 4) (99=99) into angry_18.

VARIABLE LABELS angry_18 "Parent felt angry with child during the past month".

VALUE LABELS angry_18

1 "Never"

2 "Rarely"

3 "Sometimes"

4 "Usually or always"

99 "Missing".

MISSING VALUES angry_18(99).

FORMATS angry_18(f4.0).

EXECUTE.

MISSING VALUES DiffCare_18 bother_18 angry_18().

COUNT ParAgg_ct = DiffCare_18 bother_18 angry_18(4).

IF DiffCare_18=99 and bother_18=99 and angry_18=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_18 = 999.

IF ParAgg_ct >= 1 ParAggrav_18 = 1.

IF ParAgg_ct = 0 ParAggrav_18 = 2.

IF ParAgg_ct = 99 ParAggrav_18 = 99.

VARIABLE LABELS ParAggrav_18 "Indicator 6.14: Children whose parents who felt stress from parenting during the past month".

VALUE LABELS ParAggrav_18

1 "Parent usually/always feels aggravation from parenting"

2 "Parent seldom feels aggravation from parenting"

99 "Missing to all 3 items".

MISSING VALUES ParAggrav_18(99).

FORMATS ParAggrav_18(f4.0).

EXECUTE.

Indicator 6.15	Parent receives emotional help with parenting (EmSupport_18)
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: H12; for children 6-11 years: H10; for children 12-17 years: H10 Variable in public use data file: K8Q35
Denominator	Children age 0-17 years
Numerator/Response Categories	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	
This measure was derived from a single item. Please note that results for this measure are weighted to reflect the population of children ages 0-17, not the population of parents. Results should be reported as: "Percent of children ages 0-17 living with parents who have someone to turn to for day-to-day emotional support with parenting or raising children", not as "Percent of parents...".	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE EmSupport_18 = K8Q35. VARIABLE LABELS EmSupport_18 "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_18 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES EmSupport_18(99). FORMATS EmSupport_18(f4.0). EXECUTE. </pre> <p>*People get emotional support from* Note: Answer choices and Q changed for below Q</p> <pre> COMPUTE EmSSpouse_18 = EMOSUPSP0. IF K8Q35 = 2 EmSSpouse_18 = 3. VARIABLE LABELS EmSSpouse_18 "Children whose parents had day-to-day emotional support with parenting or raising children from their spouse or domestic partner". VALUE LABELS EmSSpouse_18 1 "Received emotional support from spouse or domestic partner" 2 "Received emotional support, but not from spouse or domestic partner" 3 "Did not receive emotional support in the past 12 months" 99 "Missing". MISSING VALUES EmSSpouse_18(99). FORMATS EmSSpouse_18(f4.0). </pre>	

EXECUTE.

COMPUTE EmSFamily_18 = EMOSUPFAM.

IF K8Q35 = 2 EmSFamily_18 = 3.

VARIABLE LABELS EmSFamily_18 "Children whose parents received day-to-day emotional support with parenting or raising children from other family member or close friend".

VALUE LABELS EmSFamily_18

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

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

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

99 "Missing".

MISSING VALUES EmSFamily_18(99).

FORMATS EmSFamily_18(f4.0).

EXECUTE.

COMPUTE EmSProvider_18 = EMOSUPHCP.

IF K8Q35 = 2 EmSProvider_18 = 3.

VARIABLE LABELS EmSProvider_18 "Children whose parents received day-to-day emotional support with parenting or raising children from health care provider".

VALUE LABELS EmSProvider_18

1 "Received emotional support from a health care provider"

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

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

99 "Missing".

MISSING VALUES EmSProvider_18(99).

FORMATS EmSProvider_18(f4.0).

EXECUTE.

COMPUTE EmSWorship_18 = EMOSUPWOR.

IF K8Q35 = 2 EmSWorship_18 = 3.

VARIABLE LABELS EmSWorship_18 "Children whose parents received day-to-day emotional support with parenting or raising children from place of worship or religious leader".

VALUE LABELS EmSWorship_18

1 "Received emotional support from a place of worship"

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

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

99 "Missing".

MISSING VALUES EmSWorship_18(99).

FORMATS EmSWorship_18(f4.0).

EXECUTE.

COMPUTE EmSSupGrp_18 = EMOSUPADV.

IF K8Q35 = 2 EmSSupGrp_18 = 3.

VARIABLE LABELS EmSSupGrp_18 "Children whose parents received day-to-day emotional support with parenting or raising children from support or advocacy group related to specific health condition".

VALUE LABELS EmSSupGrp_18

1 "Received emotional support from advocacy or support group"

2 "Received emotional support, but not from advocacy or support group"

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

99 "Missing".

MISSING VALUES EmSSupGrp_18(99).

FORMATS EmSSupGrp_18(f4.0).

EXECUTE.

```
COMPUTE EmSPeer_18 = EMOSUPPEER.  
IF K8Q35 = 2 EmSPeer_18 = 3.  
VARIABLE LABELS EmSPeer_18 "Children whose parents received day-to-day emotional support with  
parenting or raising children from peer support group".  
VALUE LABELS EmSPeer_18  
1 "Received emotional support from a peer group"  
2 "Received emotional support, but not from a peer group"  
3 "Did not receive emotional support in the past 12 months"  
99 "Missing".  
MISSING VALUES EmSPeer_18(99).  
FORMATS EmSPeer_18(f4.0).  
EXECUTE.
```

```
COMPUTE EmSMental_18 = EMOSUPMHP.  
IF K8Q35 = 2 EmSMental_18 = 3.  
VARIABLE LABELS EmSMental_18 "Children whose parents received day-to-day emotional support with  
parenting or raising children from counselor or other mental health professional".  
VALUE LABELS EmSMental_18  
1 "Received emotional support from a mental health professional"  
2 "Received emotional support, but not from a mental health professional"  
3 "Did not receive emotional support in the past 12 months"  
99 "Missing".  
MISSING VALUES EmSMental_18(99).  
FORMATS EmSMental_18(f4.0).  
EXECUTE.
```

```
COMPUTE EmSOther_18 = EMOSUPOTH.  
IF K8Q35 = 2 EmSOther_18 = 3.  
VARIABLE LABELS EmSOther_18 "Children whose parents received day-to-day emotional support with  
parenting or raising children from other people".  
VALUE LABELS EmSOther_18  
1 "Received emotional support from other people"  
2 "Received emotional support, but not from other people"  
3 "Did not receive emotional support in the past 12 months"  
99 "Missing".  
MISSING VALUES EmSOther_18(99).  
FORMATS EmSOther_18(f4.0).  
EXECUTE.
```

Indicator 6.16	Coping with daily demands of raising children (ParCoping_18)
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: H10; for children 6-11 years: H8; for children 12-17 years: H8 Variable in public use data file: K8Q30
Denominator	Children age 0-17 years
Numerator/Response Categories	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 well; Children whose parents are coping with day-to-day demands of raising children not very well or not very well at all
Notes for Data-Users	
This measure was derived from a single item. Please note that results for this question are weighted to reflect the population of children ages 0-17, not the population of parents. Results should be reported as: "Percent of children ages 0-17 living with parents who are coping with the demands of raising children", not as "Percent of parents...".	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE K8Q30 (1=1) (2=2) (3 thru 4=3) (99=99) into ParCoping_18. VARIABLE LABELS ParCoping_18 "Indicator 6.16: Coping with day-to-day demands of raising children". VALUE LABELS ParCoping_18 1 "Very well" 2 "Somewhat well" 3 "Not very well or Not very well at all" 99 "Missing". MISSING VALUES ParCoping_18(99). FORMATS ParCoping_18(f2.0). EXECUTE. </pre>	

Indicator 6.17	Job change due to problems with child care, age 0-5 years (JobChange_18)
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, age 0-5 years?
Survey Items Used	Survey instrument item number for children 0-5 years: H15 Variable in public use data file: K6Q27
Denominator	Children age 0-5 years
Numerator/Response Categories	Children whose family member(s) have had to quit a job, not take a job, or greatly change their job because of problems with child care for the child; Children whose family member(s) did not have to quit a job, not take a job, or greatly change their job because of problems with child care for the child
Notes for Data-Users	
This measure was derived from a single item. Please note that results for this question are weighted to reflect the population of children ages 0-5, not the population of parents. Results should be reported as: "Percent of children ages 0-5 living with parents who had a job change due to problems with child care", not as "Percent of parents...".	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE JobChange_18 = K6Q27. IF SC_AGE_YEARS > 5 JobChange_18 = 90. VARIABLE LABELS JobChange_18 "Indicator 6.17: Job change because problems with child care, age 0-5 years". VALUE LABELS JobChange_18 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 6-17 years". MISSING VALUES JobChange_18(90,99). FORMATS JobChange_18(f4.0). EXECUTE. </pre>	

Indicator 6.18	Left a job, took a leave of absence or cut back hours due to child's health (StopCutWork_18)
Description	During the past 12 months, have you or other family members left a job, taken a leave of absence, or cut down on the hours you work because of this child's health or health conditions?
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 Variables in public use data file: CUTHOURS; STOPWORK
Denominator	Children age 0-17 years
Numerator/Response Categories	Children whose parents or family members cut back hours and/or 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" (CUTHOURS) and/or "left a job, took a leave of absence" altogether because of their children's health and health conditions (STOPWORK). To be included in the numerator of this measure, the child may have a "Yes" response to either STOPWORK, CUTHOURS, or both.	
Please note that results for this question are weighted to reflect the population of children ages 0-17, not the population of parents. Results should be reported as: "Percent of children ages 0-17 living with parents who had to stop working or cut back hours due to child's health", not as "Percent of parents...".	
Rewrites and Changes	
In 2018 the wording of STOPWORK question was changed from "Stopped working" to "Left a job or taken a leave of absence". For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE StopCutWork_18 = 999. IF STOPWORK = 2 or CUTHOURS = 2 StopCutWork_18 = 2. IF STOPWORK = 1 or CUTHOURS = 1 StopCutWork_18 = 1. IF STOPWORK=99 and CUTHOURS=99 StopCutWork_18 = 99. VARIABLE LABELS StopCutWork_18 "Indicator 6.18: Family members left a job, taken a leave of absence or cut back hours due to the child's health or health conditions". VALUE LABELS StopCutWork_18 1 "Family member left a job or take leave of absence or both" 2 "Employment not affected and leave of absense not taken" 99 "Missing to both". MISSING VALUES StopCutWork_18(99). FORMATS StopCutWork_18(f4.0). EXECUTE. </pre>	

Indicator 6.19	Avoided changing jobs to maintain insurance (AvoidChng_18)
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/Response Categories	Children whose family members avoided changing jobs because of concerns about maintaining health insurance; Children whose family members did not avoid changing jobs due to concerns about maintaining health insurance
Notes for Data-Users	
This measure was derived from a single item. Please note that results for this question are weighted to reflect the population of children ages 0-17, not the population of parents. Results should be reported as: "Percent of children ages 0-17 living with parents who avoided changing jobs to maintain insurance", not as "Percent of parents...".	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE AvoidChng_18 = AVOIDCHG. VARIABLE LABELS AvoidChng_18 "Indicator 6.19: Children whose family member(s) avoided changing jobs because of concerns about maintaining health insurance". VALUE LABELS AvoidChng_18 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES AvoidChng_18(99). FORMATS AvoidChng_18(f4.0). EXECUTE. </pre>	

Indicator 6.20a	Time spent providing at home health care for children who needed it (HomeCare_18)
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 years who needed at home care
Numerator/Response Categories	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 for this child; Children whose family members spend 5-10 hours per week providing health care at home for this child; Children whose family members spend 11 or more hours per week providing health care at home for this child
Notes for Data-Users	
This measure was derived from a single item. This survey question defines "home health care" as care that might include changing bandages and providing medication and therapies when needed.	
Revisions and Changes	
In 2018, the response option "No at home care was provided by me or other family members" was removed. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> RECODE ATHOMEHC (2=1) (3=2) (4=3) (5=4) (6=95) (else=copy) into HomeCare_18. VARIABLE LABELS HomeCare_18 "Indicator 6.20a: Time spent providing health care for child in an average week". VALUE LABELS HomeCare_18 1 "Less than 1 hour per week" 2 "1-4 hours per week" 3 "5-10 hours per week" 4 "11 or more hours per week" 95 "The child does not need health care provided on a weekly basis" 99 "Missing". MISSING VALUES HomeCare_18(95,99). FORMATS HomeCare_18(f4.0). EXECUTE. </pre>	

Indicator 6.20b Time spent coordinating health care for children who needed it (TimeCoord_18)	
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: ARRANGEHC
Denominator	Children age 0-17 years who needed care coordination
Numerator/Response Categories	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 5-10 hours per week coordinating health care; Children whose family members spend 11 or more hours per week coordinating health care
Notes for Data-Users	
This measure was derived from a single item. This survey question defines "arranging or coordinating health care" as making appointments and locating services.	
Revisions and Changes	
In 2018, the response option "No health or medical care was arranged or coordinated by me or other family members" was removed. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> RECODE ARRANGEHC (6=95) (2=1) (3=2) (4=3) (5=4) (99=99) into TimeCoord_18 . VARIABLE LABELS TimeCoord_18 "Indicator 6.20b: Time spent coordinating health care for child in an average week". VALUE LABELS TimeCoord_18 1 "Less than 1 hour per week" 2 "1-4 hours per week" 3 "5-10 hours per week" 4 "11 or more hours per week" 99 "Missing". MISSING VALUES TimeCoord_18(95,99). FORMATS TimeCoord_18(f4.0). EXECUTE. </pre>	

Indicator 6.21	Received care from others at least 10 hours/week, age 0-5 years (Care10hrs_18)
Description	Does this child receive care for at least 10 hours per week from someone other than his or her parent or guardian, age 0-5 years?
Survey Items Used	Survey instrument item number for children 0-5 years: H14 Variable in public use data file: K6Q20
Denominator	Children age 0-5 years
Numerator/Response Categories	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	
This measure was derived from a single item. Care received from others was defined as a day care center, preschool, Head Start program, nanny, au pair, or any other non-relative.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE Care10hrs_18 = K6Q20. IF SC_AGE_YEARS > 5 Care10hrs_18 = 90. VARIABLE LABELS Care10hrs_18 "Indicator 6.21: Received care from others at least 10 hours per week, age 0-5 years". VALUE LABELS Care10hrs_18 1 "Yes" 2 "No" 99 "Missing" 90 "Children age 6-17 years". MISSING VALUES Care10hrs_18(90,99). FORMATS Care10hrs_18(f4.0). EXECUTE. </pre>	

Indicator 6.22	Sleep position, 0-12 months (SleepPos_18)
Description	In which position do you most often lay this baby down to sleep now, age 0-12 months?
Survey Items Used	Survey instrument item number for children 0-5 years: H6 Variable in public use data file: SLEEPPOS
Denominator	Children 0-12 months
Numerator/Response Categories	Children who sleep on their back; Children who sleep on their side; Children who sleep on their stomach
Notes for Data-Users	
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 .	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE SLEEPPOS (1=2) (2=1) (else=copy) into SleepPos_18. IF SC_AGE_YEARS >= 1 SleepPos_18 = 90. VARIABLE LABELS SleepPos_18 "Indicator 6.22: Sleep position, age less than 12 month ". VALUE LABELS SleepPos_18 1 "On his or her back" 2 "On his or her side" 3 "On his or her stomach" 90 "Children age 1-17 years" 99 "Missing". MISSING VALUES SleepPos_18(90,95,99). FORMATS SleepPos_18(f2.0). EXECUTE. </pre>	

Indicator 6.24	Child goes to bed same time on weeknights (BedTime_18)
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/Response Categories	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 or never go to bed at the same time on weeknights
Notes for Data-Users	
This measure was derived from a single item.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE BEDTIME (4 thru 5=4) (else=copy) into BedTime_18 = 999. VARIABLE LABELS BedTime_18 "Indicator 6.24: Go to bed at the same time on weeknights". VALUE LABELS BedTime_18 1 "Always" 2 "Usually" 3 "Sometimes" 4 "Rarely or never" 99 "Missing". MISSING VALUES BedTime_18(99). FORMATS BedTime_18(f2.0). EXECUTE. </pre>	

Indicator 6.25	Adequate amount of sleep, age 4 months-17 years (HrsSleep_18)
Description	During the past week, how many hours of sleep did this child get during an average day (count both nighttime sleep and naps) (0-5 years)/on most weeknights (6-17 years), age 4 months-17 years?
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: HOURSLEEP; HOURSLEEP05
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

Children who sleep recommended age-appropriate hours; Children who sleep less than recommended age-appropriate hours 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:

- Infants 4 months to 12 months should sleep 12 to 16 hours per 24 hours (including naps)
- Children 1 to 2 years of age should sleep 11 to 14 hours per 24 hours (including naps)
- Children 3 to 5 years of age should sleep 10 to 13 hours per 24 hours (including naps)
- Children 6 to 12 years of age should sleep 9 to 12 hours per 24 hours
- Teenagers 13 to 18 years of age should sleep 8 to 10 hours per 24 hours.

More information can be obtained from the [AAP website](#).

Revisions and Changes

In 2018, the wording of the item slightly changed to "most weeknights". For more information about the changes, [click here](#).

SPSS Syntax and Annotation

```

COMPUTE HrsSleep_18 = 999.
DO IF SC_AGE_LT4 = 2 and SC_AGE_YEARS = 0.
  IF HOURSLEEP05 < 7 HrsSleep_18 = 2.
  IF HOURSLEEP05 = 7 HrsSleep_18 = 1.
END IF.
DO IF SC_AGE_YEARS > 0 and SC_AGE_YEARS < 3.
  IF HOURSLEEP05 < 6 HrsSleep_18 = 2.
  IF HOURSLEEP05 = 6 or HOURSLEEP05 = 7 HrsSleep_18 = 1.
END IF.
DO IF SC_AGE_YEARS > 2 and SC_AGE_YEARS < 6.
  IF HOURSLEEP05 < 5 HrsSleep_18 = 2.
  IF HOURSLEEP05 > 4 HrsSleep_18 = 1.
END IF.
DO IF SC_AGE_YEARS > 5 and SC_AGE_YEARS < 13.
  IF HOURSLEEP < 5 HrsSleep_18 = 2.

```

Child and Family Health Measures – Family Health and Activities

```
IF HOURSLEEP > 4 HrsSleep_18 = 1.  
END IF.  
DO IF SC_AGE_YEARS > 12.  
  IF HOURSLEEP < 4 HrsSleep_18 = 2.  
  IF HOURSLEEP > 3 HrsSleep_18 = 1.  
END IF.  
IF HOURSLEEP=99 or HOURSLEEP05=99 HrsSleep_18 = 99.  
IF SC_AGE_LT4 = 1 HrsSleep_18 = 95.  
VARIABLE LABELS HrsSleep_18 "Indicator 6.25: Hours child get sleep on most weeknights during the  
past week, age 4 months-17 years".  
VALUE LABELS HrsSleep_18  
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_18(95,99).  
FORMATS HrsSleep_18(f4.0).  
EXECUTE.
```

Indicator 6.26	Food insufficiency (FoodSit_18)
Description	Which of these statements best describes your household's ability to afford the food you need during the past 12 months?
Survey Items Used	Survey instrument item number for children 0-5 years: I8; for children 6-11 years: I8; for children 12-17 years: I8 Variable in public use data file: FOODSIT
Denominator	Children age 0-17 years
Numerator/Response Categories	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 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	
This measure was derived from a single item.	
Revisions and Changes	
In 2018, the question wording was simplified. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE FoodSit_18 = FOODSIT. VARIABLE LABELS FoodSit_18 "Indicator 6.26: Child's household's ability to afford the food you need during the past 12 months". VALUE LABELS FoodSit_18 1 "We could always afford to eat good nutritious meals" 2 "We could always afford enough to eat but not always the kinds of food we should eat" 3 "Sometimes we could not afford enough to eat" 4 "Often we could not afford enough to eat" 99 "Missing". MISSING VALUES FoodSit_18(99). FORMATS FoodSit_18(f4.0). EXECUTE. </pre>	

Indicator 6.27	Received food or cash assistance (FoodCash_18)
Description	Does this child live in a household that received food or cash assistance at any time during the past 12 months, even for a month?
Survey Items Used	Survey instrument item number for children 0-5 years: I9; for children 6-11 years: I9; for children 12-17 years: I9 Variables in public use data file: K11Q60; K11Q61; K11Q62; S9Q34
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who live in families where no one received food or cash assistance at any time during the past 12 months; Children who live in families where someone received 1-2 types of food or cash assistance at any time during the past 12 months; Children who live in families where someone received 3-4 types of food or cash assistance at any time during the past 12 months
Notes for Data-Users	
This is a composite measure based on responses to the following 4 survey items that ask about whether someone in the child's family received: (a) cash assistance from government welfare program; (b) Food Stamps or Supplemental Nutrition Assistance Program benefits; (c) free or reduced-cost breakfasts or lunches at school during the past 12 months; or (d) benefits from the Woman, Infants, and Children (WIC) Program at any time during the past 12 months, even for one month.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre>COUNT FoodCash_ct = S9Q34 K11Q60 K11Q61 K11Q62(1). IF S9Q34=99 and K11Q60=99 and K11Q61=99 and K11Q62=99 FoodCash_ct = 99. VARIABLE LABELS FoodCash_ct "Number of types of food and cash assistance from 4 types asked about". RECODE FoodCash_ct (0=0) (1 thru 2 = 1) (3 thru 4 = 2) (99=99) into FoodCash_18. VARIABLE LABELS FoodCash_18 "Indicator 6.27: Received food or cash assistance during the past 12 months". VALUE LABELS FoodCash_18 0 "Did not receive food or cash assistance" 1 "Received 1-2 types of assistance" 2 "Received 3-4 types of assistance" 99 "Missing". MISSING VALUES FoodCash_18(99). FORMATS FoodCash_18(f4.0). EXECUTE.</pre>	

Indicator 7.1	Supportive neighborhood (NbhdSupp_18)
Description	Does this child live in a supportive neighborhood?
Survey Items Used	Survey instrument item number for children 0-5 years: I11a,b,d; for children 6-11 years: I11a,b,d; for children 12-17 years: I11a,b,d Variable in public use data file: GOFORHELP; K10Q30; K10Q31
Denominator	Children age 0-17 years
Numerator/Response Categories	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 this neighborhood help each other out (K10Q30); 2) We watch out for each other’s children in this neighborhood (K10Q31); and 3) When we encounter difficulties, we know where to go for help in our community (GOFORHELP). Respondents were asked whether they definitely agree, somewhat agree, somewhat disagree, or definitely disagree with each statement. Only children with valid responses on all three items are included in the denominator. In the 2018 NSCH, children are considered to live in supportive neighborhoods if their parents reported “definitely agree” to at least one of the items above and “somewhat agree” or “definitely agree” to the other two items.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE NbhdSupp_18=999. IF (K10Q30>=2) or (K10Q31>=2) or (GOFORHELP>=2) NbhdSupp_18=2. IF (K10Q30=1) and (K10Q31<=2) and (GOFORHELP<=2) NbhdSupp_18=1. IF (K10Q30<=2) and (K10Q31=1) and (GOFORHELP<=2) NbhdSupp_18=1. IF (K10Q30<=2) and (K10Q31<=2) and (GOFORHELP=1) NbhdSupp_18=1. IF K10Q30=99 or K10Q31=99 or GOFORHELP=99 NbhdSupp_18=99. VARIABLE LABELS NbhdSupp_18 "Child live is a supportive neighborhood". VALUE LABELS NbhdSupp_18 1 "Live in supportive neighborhoods" 2 "Do not live in supportive neighborhoods" 99 "Missing to any". MISSING VALUES NbhdSupp_18(99). FORMATS NbhdSupp_18(f2.0). EXECUTE. </pre>	

Indicator 7.2	Safe neighborhood (NbhdSafe_18)
Description	Does this child live in a safe neighborhood?
Survey Items Used	Survey instrument item number for children 0-5 years: I11c; for children 6-11 years: I11c; for children 12-17 years: I11c Variable in public use data file: K10Q40_R
Denominator	Children age 0-17 years
Numerator/Response Categories	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 or definitely disagree that their children are safe in the neighborhood
Notes for Data-Users	
This measure was derived from a single item.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE K10Q40_R (1=1) (2=2) (3 thru 4=3) (99=99) into NbhdSafe_18. VARIABLE LABELS NbhdSafe_18 "Indicator 7.2: Children live in safe neighborhoods". VALUE LABELS NbhdSafe_18 1 "Definitely agree" 2 "Somewhat agree" 3 "Somewhat/Definitely disagree" 99 "Missing". FORMATS NbhdSafe_18(f2.0). MISSING VALUES NbhdSafe_18(99). EXECUTE. </pre>	

Indicator 7.3	Safe school, age 6-17 years (SchlSafe_18)
Description	Is this child safe at school, age 6-17 years?
Survey Items Used	Survey instrument item number for children 6-11 years: I11e; for children 12-17 years: I11e Variable in public use data file: K10Q41_R
Denominator	Children age 6-17 years
Numerator/Response Categories	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	
This measure was derived from a single item.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> RECODE K10Q41_R (1=1) (2=2) (3 thru 4=3) (90=90) (99=99) into SchlSafe_18. IF SC AGE YEARS < 6 SchlSafe_18 = 90. VARIABLE LABELS SchlSafe_18 "Indicator 7.3: Children who are safe at schools, age 6-17 years". VALUE LABELS SchlSafe_18 1 "Definitely agree" 2 "Somewhat agree" 3 "Somewhat or definitely disagree" 99 "Missing" 90 "Children age 0-5 years". FORMATS SchlSafe_18(f2.0). MISSING VALUES SchlSafe_18(90,99). EXECUTE. </pre>	

Indicator 7.4	Neighborhood amenities (NbhdAmenities_18)
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: I10a-d; for children 6-11 years: I10a-d; for children 12-17 years: I10a-d Variables in public use data file: K10Q11; K10Q12; K10Q13; K10Q14
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who 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 who live in neighborhoods that contain 2 amenities from the list; Children who live in neighborhoods that contain 3 amenities from the list; Children who 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 playgrounds (K10Q12), recreation centers, community centers, or boys' and girls' club (K10Q13), or libraries or bookmobiles (K10Q14) - are present in the children's neighborhoods. Valid responses to all four items are required for this measure.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre>COMPUTE SideWlks_18 = K10Q11. VARIABLE LABELS SideWlks_18 "Children who live in neighborhoods with sidewalks or walking paths". VALUE LABELS SideWlks_18 1 "Neighborhood contains sidewalks or walking paths" 2 "Neighborhood does not contain sidewalks or walking paths" 99 "Missing".</pre>	
<pre>COMPUTE park_18 = K10Q12. VARIABLE LABELS park_18 "Children who live in neighborhoods with a park or playground area". VALUE LABELS park_18 1 "Neighborhood contains a park or playground area" 2 "Neighborhood does not contain a park or playground area" 99 "Missing".</pre>	
<pre>COMPUTE RecCentr_18 = K10Q13. VARIABLE LABELS RecCentr_18 "Children who live in neighborhoods with recreation center, community center or Boys'/Girls' Club". VALUE LABELS RecCentr_18</pre>	

Child and Family Health Measures – Neighborhood Safety and Support

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".

COMPUTE library_18 = K10Q14.

VARIABLE LABELS library_18 "Children who live in neighborhoods with a library or bookmobile".

VALUE LABELS library_18

1 "Neighborhood contains a library or bookmobile"
2 "Neighborhood does not contain a library or bookmobile"
99 "Missing".

MISSING VALUES SideWlks_18 park_18 RecCentr_18 library_18().

COUNT NbhdAmenities_18=K10Q11 K10Q12 K10Q13 K10Q14 (1).

IF K10Q11=99 or K10Q12=99 or K10Q13=99 or K10Q14=99 NbhdAmenities_18=99.

VARIABLE LABELS NbhdAmenities_18 "Count of amenities in children's neighborhoods".

VALUE LABELS NbhdAmenities_18

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_18 (f3.0).

MISSING VALUES NbhdAmenities_18 (99).

Indicator 7.5	Presence of detracting neighborhood elements (NbhdDetract_18)
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: I10e-g; for children 6-11 years: I10e-g; for children 12-17 years: I10e-g Variables in public use data file: K10Q20; K10Q22; K10Q23
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who live in neighborhoods with no detracting elements from the list of 3; Children who live in neighborhoods that have 1 detracting element from the list; Children who live in neighborhoods that have 2 detracting elements from the list; Children who 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 and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre>COMPUTE litter_18 = K10Q20. VARIABLE LABELS litter_18 "Children who live in neighborhoods with litter or garbage on the street or sidewalk". VALUE LABELS litter_18 1 "Neighborhood has litter or garbage on sidewalks and streets" 2 "Neighborhood does not have litter or garbage on sidewalks and streets" 99 "Missing". COMPUTE housing_18 = K10Q22. VARIABLE LABELS housing_18 "Children who live in neighborhoods with poorly kept or rundown housing". VALUE LABELS housing_18 1 "Neighborhood has poorly kept or rundown housing" 2 "Neighborhood does not have poorly kept or dilapidated rundown housing" 99 "Missing". COMPUTE vandal_18 = K10Q23. VARIABLE LABELS vandal_18 "Children who live in neighborhoods with vandalism such as broken windows or graffiti ". VALUE LABELS vandal_18</pre>	

```
1 "Neighborhood has broken windows or graffiti"  
2 "Neighborhood does not have broken windows or graffiti"  
99 "Missing".
```

```
COMPUTE NbhdDetract_18 = 999.
```

```
COMPUTE validcomm = 0.  
COUNT validcomm=litter_18 housing_18 vandal_18 (1,2).
```

```
COMPUTE comm_cond = 0.  
COUNT comm_cond=litter_18 housing_18 vandal_18 (1).  
VARIABLE LABELS comm_cond "Number of neighborhood condition Items".
```

```
COMPUTE NbhdDetract_18 = 999.  
IF comm_cond = 3 NbhdDetract_18 = 3.  
IF comm_cond = 2 NbhdDetract_18 = 2.  
IF comm_cond = 1 NbhdDetract_18 = 1.  
IF comm_cond = 0 NbhdDetract_18 = 0.  
IF validcomm < 3 NbhdDetract_18 = 99.  
VARIABLE LABELS NbhdDetract_18 "Indicator 7.5: Presence of detracting neighborhood elements in the neighborhood".  
VALUE LABELS NbhdDetract_18  
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_18(99).  
FORMATS NbhdDetract_18(f4.0).  
EXECUTE.
```

```
MISSING VALUES litter_18 housing_18 vandal_18(99).
```

U.S. children in 3 age groups (age3_18)	
Description	What is this child's age?
Survey Items Used	Screener Questionnaire item number: 3 Variable in public use data file: SC AGE YEARS
Denominator	Children age 0-17 years
Numerator/Response Categories	Age 0-5 years; Age 6-11 years; Age 12-17 years
Notes for Data-Users	
Uses variable SC AGE YEARS in the 2018 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.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SAS Syntax and Annotation	
<pre> RECODE SC AGE YEARS (0 thru 5=1) (6 thru 11=2) (12 thru 17=3) into age3_18 . VARIABLE LABELS age3_18 "Children's age in 3 categories". VALUE LABELS age3_18 1 "0-5 years old" 2 "6-11 years old" 3 "12-17 years old". EXECUTE . </pre>	

U.S. children in 5 age groups (age5_18)	
Description	What is this child's age? (5 age groups)
Survey Items Used	Screener Questionnaire item number: 3 Variable in public use data file: SC_AGE_YEARS
Denominator	Children age 0-17 years
Numerator/Response Categories	Age 0-3 years; Age 4-7 years; Age 8-11 years; Age 12-14 years; Age 15-17 years
Notes for Data-Users	
Uses variable SC_AGE_YEARS in the 2018 NSCH public use file provided by the United States Census Bureau; aggregates into five groups. Age categories were created from initial screening questions asked for all children in the survey.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
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_18 . VARIABLE LABELS age5_18 "Children's age in 5 categories". VALUE LABELS age5_18 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 (sex_18)	
Description	Sex of child
Survey Items Used	Screener Questionnaire item number: 4 Variable in public use data file: SC_SEX
Denominator	Children age 0-17 years
Numerator/Response Categories	Male children; Female children
Notes for Data-Users	
The question about child's sex was asked for all children in the household in the initial screening questionnaire. The selected child's sex variable (SC_SEX) had 0.1% missing values. The 2018 NSCH public use data file provided by the Census Bureau includes values of single imputation for SC_SEX variable.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SAS Syntax and Annotation	
<pre> COMPUTE sex_18 = SC_SEX. VARIABLE LABELS sex_18 "Sex of the child". VALUE LABELS sex_18 1 "Male" 2 "Female" 99 "Missing". MISSING VALUES sex_18(99). FORMATS sex_18(f4.0). EXECUTE. </pre>	

Race and ethnicity distribution of the child population (race4_18)	
Description	What is this child's race/ethnicity (4 groups)?
Survey Items Used	Screener Questionnaire item number: 1,2 Variable in public use data file: SC_HISPANIC_R; SC_RACE_R
Denominator	Children age 0-17 years
Numerator/Response Categories	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_18, children reporting Hispanic or Latino ethnicity (SC_HISPANIC_R=1) are counted as Hispanic regardless of reported race in SC_RACE_R. Non-Hispanic children (SC_HISPANIC_R=2) are grouped by race based on SC_RACE_R. Non-Hispanic children reporting one race category of Asian, American Indian or Alaska Native, Native Hawaiian or other Pacific Islander, and some other race 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 0.6% missing cases and race had 0.3% missing values. The 2018 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 and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SAS Syntax and Annotation	
<pre> COMPUTE race4_18 = 999. IF (SC_HISPANIC_R = 2) and (SC_RACE_R = 1) race4_18 = 2. IF (SC_HISPANIC_R = 2) and (SC_RACE_R = 2) race4_18 = 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_18 = 4. IF (SC_HISPANIC_R = 1) race4_18 = 1. IF SC_HISPANIC_R=99 or SC_RACE_R = 99 race4_18 = 99. *IF (SYSMIS(SC_HISPANIC_R)) or (SYSMIS(SC_RACE_R = 1)) race4_18 = 99. VARIABLE LABELS race4_18 "Race/ethnicity categories". VALUE LABELS race4_18 1 "Hispanic" 2 "White, non-Hispanic" 3 "Black, non-Hispanic" 4 "Other/Multi-racial, non-Hispanic" </pre>	

Child and Family Health Measures – Subgroups

99 "Missing to Hispanic or Race or both".

MISSING VALUES race4_18 (99).

FORMATS race4_18 (f4.0).

EXECUTE.

Race and ethnicity distribution of the child population including Asian data (raceASIA_18)	
Description	What is this child's race/ethnicity (5 groups, including Asian)?
Survey Items Used	Screener Questionnaire item number: 1,2 Variables in public use data file: SC_HISPANIC_R; SC_RACE_R
Denominator	Children ages 0-17 years
Numerator/Response Categories	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 asked about the child's race are combined into SC_RACE_R and Hispanic, Latino or Spanish origin is included as SC_HISPANIC_R. Hispanic origin and race information for the selected sample child was provided in the "Topical" public use file provided by the Census Bureau. For raceAsia_18, children reporting Hispanic or Latino ethnicity (SC_HISPANIC_R=1) are counted as Hispanic regardless of reported race in SC_RACE_R. Non-Hispanic children (SC_HISPANIC_R=2) are grouped by race based on SC_RACE_R. Non-Hispanic children reporting one race category of American Indian or Alaska Native, Native Hawaiian or other Pacific Islander, 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 0.6% missing cases and race had 0.3% missing values. The 2018 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 and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SAS Syntax and Annotation	
<pre> COMPUTE raceASIA_18 = 999. IF SC_HISPANIC_R = 2 and SC_RACE_R = 1 raceASIA_18 = 2. IF SC_HISPANIC_R = 2 and SC_RACE_R = 2 raceASIA_18 = 3. IF SC_HISPANIC_R = 2 and SC_RACE_R = 4 raceASIA_18 = 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_18 = 5. IF SC_HISPANIC_R = 1 raceASIA_18 = 1. IF SC_HISPANIC_R=99 or SC_RACE_R = 99 raceASIA_18 = 99. VARIABLE LABELS raceASIA_18 "Race/ethnicity categories". VALUE LABELS raceASIA_18 1 "Hispanic" 2 "White, non-Hispanic" 3 "Black, non-Hispanic" 4 "Asian, non-Hispanic" 5 "Other/Multi-racial, non-Hispanic" </pre>	

Child and Family Health Measures – Subgroups

99 "Missing to Hispanic or Race or both".

MISSING VALUES raceASIA_18 (99).

FORMATS raceASIA_18 (f4.0).

EXECUTE.

Parental nativity (PrntNativity_18)	
Description	What is the generational status of this child's parents?
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 Variables in public use data file: HOUSE_GEN (derived)
Denominator	PrntNativity_18
Numerator/Response Categories	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	
This variable was derived using HOUSE_GEN variable in the public use files provided by Census Bureau. The variable HOUSE_GEN classifies the generational status of the household. This variable is defined following the Census definition of household generational status: (1) First generation household: child 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, parents are not listed. Parental nativity was defined based on 3 questions: relationship to the child from 2 adults in the household who are the child's primary caregivers (A#_RELATIONSHIP), place where the adult(s) was(were) born (A#_BORN), and whether the child was born in US (BORNUSA). Children's parent includes biological or adoptive, step or foster parents.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SAS Syntax and Annotation	
<pre> RECODE HOUSE_GEN (1 thru 2=2) (3=1) (4=3) (99=99) into PrntNativity_18. VARIABLE LABELS PrntNativity_18 "Generational status of the parents - collapsed 1st and 2nd generational status of HH". VALUE LABELS PrntNativity_18 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_18(99). EXECUTE. </pre>	

Primary household language (HHLanguage_18)	
Description	What is the primary language spoken in this child's home?
Survey Items Used	Screener Questionnaire item number (household section): 3 Variable in public use data file: HHLANGUAGE
Denominator	Children age 0-17 years
Numerator/Response Categories	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	
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).	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SAS Syntax and Annotation	
<pre> RECODE HHLANGUAGE (1=1) (2 thru 3=2) (99=99)into HHLanguage_18. VARIABLE LABELS HHLanguage_18 "Primary household language spoken in the household". VALUE LABELS HHLanguage_18 1 "English" 2 "Other than English" 99 "Missing". MISSING VALUES HHLanguage_18(99). FORMATS HHLanguage_18(f4.0). EXECUTE. </pre>	

Primary household language for Hispanic children (hisplang_18)	
Description	What is the primary language spoken in the home for Hispanic children?
Survey Items Used	Screener Questionnaire item number: 1,2; 3 (household section) Variables in public use data file: HHLANGUAGE; SC_HISPANIC_R; SC_RACE_R
Denominator	Children age 0-17 years
Numerator/Response Categories	Hispanic children from a primarily non-English speaking home; Hispanic children from a primarily English-speaking home; Non-Hispanic children
Notes for Data-Users	
This measure is based on the assumption that Spanish is the household language for Hispanic children living in non-English language households. Results from the 2018 NSCH indicate that only less than two percent of Hispanic children speak languages other than English and Spanish.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SAS Syntax and Annotation	
<pre> COMPUTE hisplang_18 = 999. IF (SC_HISPANIC_R= 1) and (HHLANGUAGE = 2 or (HHLANGUAGE = 3)) hisplang_18 = 1. IF (SC_HISPANIC_R = 1) and (HHLANGUAGE = 1) hisplang_18 = 2. IF SC_HISPANIC_R = 2 hisplang_18 = 3. IF HHLANGUAGE=99 or SC_HISPANIC_R=99 hisplang_18 = 99. *IF (SYSMIS(HHLANGUAGE)) or (SYSMIS(SC_HISPANIC_R)) hisplang_18 = 99. VARIABLE LABELS hisplang_18 "Primary household language parsed to Hispanic and non-Hispanic". VALUE LABELS hisplang_18 1 "Hispanic children, non-English PHH language" 2 "Hispanic children, English PHH language" 3 "Non-Hispanic child" 99 "Missing to any". MISSING VALUES hisplang_18 (99). FORMATS hisplang_18 (f4.0). </pre>	

Family structure of child's household (famstruct5_18)	
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 in public use data file: FAMILY (derived)
Denominator	Children age 0-17 years
Numerator/Response Categories	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 parent (mother or father); Grandparent household; Other family type
Notes for Data-Users	
<p>The composite measure of family structure was created by the Census Bureau (FAMILY_R) in the 2018 NSCH public use data files. Family type is characterized by number of parents or parental figures present in the household (one, two or other family type), the relationships of parents or other adults in the household (biological/adoptive parents, step-parents, or other family structure) and their marital status. "Family structure" refers to number and relationship between parents/adults living in the household. Parents were identified if the reported adult(s) was/were biological/adoptive or step parent(s). Households identified as having two same sex mothers or fathers of the same type (biological/adoptive or step) were categorized to the appropriate two parent family. Single mother or father type was identified if the second adult response was "There is only one primary adult caregiver for this child" (A2_RELATION = 8) and first adult was female (A1_SEX = 2) or male (A1_SEX = 1), currently married, living apart, formerly married or never married.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SAS Syntax and Annotation	
<pre> RECODE FAMILY_R (1=1) (2=2) (3=1) (4=2) (5 thru 6=3) (7 = 4) (8=5) (99=99) into famstruct5_18. VARIABLE LABELS famstruct5_18 "Family structure". VALUE LABELS famstruct5_18 1 "Two parents, currently married" 2 "Two parents, not currently married" 3 "Single parent (mother or father)" 4 "Grandparent household" 5 "Other family type" 99 "Missing". MISSING VALUES famstruct5_18(99). FORMATS famstruct5_18 (F4.0). </pre>	

Income level of child's household (povlev4_18)	
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 (derived)
Denominator	Children age 0-17 years
Numerator/Response Categories	0-99% FPL; 100-199% FPL; 200-399% FPL; 400% FPL or more
Notes for Data-Users	
<p>The child's household poverty level is derived from responses on the survey about family income. The poverty level variable had 16.03% missing values in 2018, which may result in biased estimates. Therefore, the missing values were imputed by the Census Bureau. The impact of missing values on population count estimates is available on the DRC website.</p> <p>The 2018 NSCH topical public use file provided by the Census Bureau contains all 6 imputed FPL (FPL_I1-FPL_I6) variables. A data file and documentation containing all six imputation for the household poverty level variable is available on the United States Census Bureau website: https://census.gov/programs-surveys/nsch.html</p> <p>The poverty level variable povlev4_18 in the DRC 2018 NSCH data set was generated using a single imputation value from the 2018 data file (FPL_I1). Please note that poverty level estimates and confidence intervals based on single imputed income values may differ slightly from those obtained using multiple imputation methods. All six imputed poverty level variables are available in the DRC dataset for users who wish to estimate multiple imputed poverty level.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SAS Syntax and Annotation	
<pre> RECODE FPL_I1 (0 thru 99=1) (100 thru 199=2) (200 thru 399=3) (400 thru HIGHEST=4) into povlev4_18. VARIABLE LABELS povlev4_18 "Poverty level of this household based on DHHS guidelines - Imputed". VALUE LABELS povlev4_18 1 "0-99% FPL" 2 "100-199% FPL" 3 "200-399% FPL" 4 "400% FPL or greater". FORMATS povlev4_18 (F4.0). </pre>	

Income level of child's household - SCHIP groupings (povSCHIP_18)	
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 (derived)
Denominator	Children age 0-17 years
Numerator/Response Categories	0-199% FPL; 200-299% FPL; 300-399% FPL; 400% FPL or more
Notes for Data-Users	
<p>The child's household poverty level is derived from responses on the survey about family income. The poverty level variable had 16.03% missing values in 2018, which may result in biased estimates. Therefore, the missing values were imputed by the Census Bureau. The impact of missing values on population count estimates is available on the DRC website.</p> <p>The 2018 NSCH topical public use file provided by the Census Bureau contains all 6 imputed FPL (FPL_I1-FPL_I6) variables. 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> <p>The poverty level variable povlev4_18 in the DRC 2018 NSCH data set was generated using a single imputation value from the 2018 data file (FPL_I1). Please note that poverty level estimates and confidence intervals based on single imputed income values may differ slightly from those obtained using multiple imputation methods. All six imputed poverty level variables are available in the DRC combined dataset for users who wish to estimate multiple imputed poverty level.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SAS Syntax and Annotation	
<pre>RECODE FPL_I1 (0 thru 199=1) (200 thru 299=2) (300 thru 399=3) (400 thru HIGHEST=4) into povSCHIP_18. VARIABLE LABELS povSCHIP_18 "Poverty level of this household based on DHHS guidelines - Imputed recoded into 4 categories based on SCHIP qualification". VALUE LABELS povSCHIP_18 1 "0-199% FPL" 2 "200-299% FPL" 3 "300-399% FPL" 4 "400% FPL or greater". FORMATS povSCHIP_18 (F4.0).</pre>	

Highest education of adult in household (AdultEduc_18)	
Description	What is the highest education of adult(s) 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_TVVIS (derived)
Denominator	Children age 0-17 years
Numerator/Response Categories	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 who are identified as the child's primary caregiver(s) was considered for this measure. The highest level of A1_GRADE (imputed if missing) and A2_GRADE (unimputed if missing) is used to derive HIGRADE and HIGRADE_TVVIS; if A2_GRADE is missing, only A1_GRADE is used for HIGRADE and HIGRADE_TVVIS in 2018.	
Revisions and Changes	
The content of this measure did not change from the 2017 NSCH, therefore the results may be compared. In 2018, "Adult 2" was changed to "another primary caregiver in the household". An additional note stating to complete the same questions asked about for the primary caregiver (respondent) for another adult primary caregiver was provided in 2018. For more information about the changes, click here "	
SAS Syntax and Annotation	
<pre> RECODE HIGRADE_TVVIS (99=99) (else=copy) into AdultEduc_18. VARIABLE LABELS AdultEduc_18 "Highest level of education among reported adults". VALUE LABELS AdultEduc_18 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_18(99). FORMATS AdultEduc_18(f4.0). EXECUTE. </pre>	

Children who were born in US (BornUSA_18)	
Description	Was this child born in the United States?
Survey Items Used	Survey instrument item number for children 0-5 years: H1; for children 6-11 years: H1; for children 12-17 years: H1 Variables in public use data file: BORNUSA
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who were born in US; Children who were born outside of US
Notes for Data-Users	
This measure was derived from a single item.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SAS Syntax and Annotation	
RECODE BORNUSA (1=1) (2=2) (99=99) into BornUSA_18. VARIABLE LABELS BornUSA_18 "Children who were born in US". VALUE LABELS BornUSA_18 1 "Children were born in US" 2 "Children were born outside of US" 99 "Missing". MISSING VALUES BornUSA_18(99).	

Number of family members in the household (FamCount_1718)	
Description	How many of the people living or staying in the child's household are family members?
Survey Items Used	Survey instrument item number for children 0-5 years: K2; for children 6-11 years: K2; for children 12-17 years: K2 Variable in public use data file: FAMCOUNT
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who live in the household with 1-2 family members; Children who live in the household with 3 family members; Children who live in the household with 4 family members; Children who live in the household with 5 family members; Children who live in the household with 6 or more family members
Notes for Data-Users	
In the question family is defined as "anyone related to this child by blood, marriage, adoption, or through foster care".	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SAS Syntax and Annotation	
<pre> RECODE FAMCOUNT (1 thru 2 = 1) (3=2) (4=3) (5=4) (6 thru 8 = 5) (99=99) into FamCount_18. VARIABLE LABELS FamCount_18 "Number of family members in the household". VALUE LABELS FamCount_18 1 "1 or 2 people" 2 "3 people" 3 "4 people" 4 "5 people" 5 "6 or more people" 99 "Missing". MISSING VALUES FamCount_18(99). EXECUTE. </pre>	

Military status of adult(s) in the household (MilitarySt_1718)	
Description	Has this child's caregiver(s) ever served on active duty in the US Armed Forces, Reserves, or the National Guard?
Survey Items Used	Survey instrument item number for children 0-5 years: J11,J23; for children 6-11 years:J11,J23; for children 12-17 years: J11,J23 Variables in public use data file: A1_ACTIVE; A2_ACTIVE
Denominator	Children age 0-17 years
Numerator/Response Categories	Children who live in the household where at least one caregiver is on active duty; Children who live in the household where at least one caregiver was on active duty in the past, but is not on active duty now; Children who live in the household where at least one caregiver was only on active duty during Reserve or National Guard training; Children who live in a household where neither caregiver has ever served in the military
Notes for Data-Users	
The military status reported by Adult 1 and Adult 2 who are identified as the child's primary caregiver(s) were considered for this measure. The current and highest level of military involvement (i.e. current active duty) of adult 1 (A1_ACTIVE) and adult 2 (A2_ACTIVE) is used to categorize the military status of adults if there are two adults in the household.	
Revisions and Changes	
The content of this measure did not change from the 2017 NSCH, therefore the results may be compared. In 2018, "Adult 2" was changed to "another primary caregiver in the household". An additional note stating to complete the same questions asked about for the primary caregiver (respondent) for another adult primary caregiver was provided in 2018. For more information about the changes, click here .	
SAS Syntax and Annotation	
<pre> COMPUTE MilitarySt_18=4. IF A1_ACTIVE=2 or A2_ACTIVE=2 MilitarySt_18=3. IF A1_ACTIVE=4 or A2_ACTIVE=4 MilitarySt_18=2. IF A1_ACTIVE=3 or A2_ACTIVE=3 MilitarySt_18=1. IF A1_ACTIVE=99 and (A2_ACTIVE= 99 or A2_ACTIVE= 95) MilitarySt_18=99. VARIABLE LABELS MilitarySt_18 "Military status of adult(s) in the household". VALUE LABELS MilitarySt_18 1 "At least one caregiver is on active duty" 2 "At least one caregiver was on active duty in the past, but is not on active duty now" 3 "At least one caregiver was only on active duty during Reserve or National Guard training" 4 "Neither caregiver has ever served in the military" 99 "Missing". MISSING VALUES MilitarySt_18 (99). FORMATS MilitarySt_18 (F4.0). </pre>	

Title V Block Grant Measures:

National Performance and Outcome Measures



National Performance Measures

NPM 6	Developmental screening, age 9-35 months (npm6DSc_18)
Description	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
Survey Items Used	Survey instrument item number for children 0-5 years: C9 Variable in public use data file: K6Q12; K6Q13A; K6Q13B; K6Q14A; K6Q14B; SC_AGE_LT9; SC_AGE_YEARS
Denominator	Children ages 9 through 35 months
Numerator/Response Categories	Children, ages 9 through 35 months (2 years), whose parents completed a Standardized Developmental Screening tool in the past year
Notes for Data-Users	
The AAP recommends that all children should be screened for developmental delays during their regular well-check visits at 9, 18, and 24 or 30 months. This measure uses age-appropriate questions to verify whether young children received standardized developmental, behavioral and social screening using a parent-reported, standardized screening tool or instrument. Parent respondents for all children between 9 months and 5 years old were asked the following question: "During the past 12 months, did a doctor or other health care provider have you or another caregiver fill out a questionnaire about specific concerns or observations you may have about this child's development, communication, or social behaviors?" (K6Q12). If the response to K6Q12 was "Yes", parents were asked if the questionnaire covered language or social development (K6Q13 and K6Q13A, respectively, for ages 9-23 months, and K6Q14A and K6Q14B for ages 2-5 years). The measure is considered missing if both types of contents are missing.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE both_9to23 = 999. IF K6Q13A = 2 or K6Q13B = 2 both_9to23 = 2. IF (K6Q13A = 1 or K6Q13A = 99) and (K6Q13B = 1 or K6Q13B = 99) both_9to23 = 1. IF K6Q13A =99 and K6Q13B = 99 both_9to23= 99. IF K6Q12 = 2 both _9to23 = 2. IF SC_AGE_LT9 = 1 both_9to23= 95. IF SC_AGE_YEARS > 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" 2 "No to at least one type of content" 99 "Missing to both types of content" </pre>	

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

90 "Children age 6-17 years".

EXECUTE.

COMPUTE both_24to35 = 999.

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

IF (K6Q14A = 1 or K6Q14A = 99) and (K6Q14B = 1 or K6Q14B = 99) both_24to35 = 1.

IF K6Q14A = 99 and K6Q14B = 99 both_24to35 = 99.

IF K6Q12 = 2 both_24to35 = 2.

IF SC_AGE_YEARS > 5 both_24to35 = 90.

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

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

VALUE LABELS both_24to35

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

2 "No to at least one type of content"

99 "Missing to both types of content"

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

90 "Children age 6-17 years".

EXECUTE.

COMPUTE DevScrnng_18 = 999.

IF both_9to23 = 1 or both_24to35 = 1 DevScrnng_18 = 1.

IF K6Q12 = 2 DevScrnng_18 = 2.

IF both_9to23 = 2 or both_24to35 = 2 DevScrnng_18 = 2.

IF both_9to23 = 99 or both_24to35 = 99 DevScrnng_18 = 99.

IF K6Q12 = 99 DevScrnng_18 = 99.

IF SC_AGE_LT9 = 1 or (SC_AGE_YEARS>2 and SC_AGE_YEARS<6) DevScrnng_18 = 95.

IF SC_AGE_YEARS > 5 DevScrnng_18 = 90.

VARIABLE LABELS DevScrnng_18 "Indicator 4.10: Children who received a developmental screening using a parent-completed screening tool, age 9-35 months".

VALUE LABELS DevScrnng_18

1 "Parent completed developmental screening"

2 "Parent did not complete developmental screening"

99 "Missing"

90 "Children age 6-17 years"

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

MISSING VALUES DevScrnng_18(90,95,99).

EXECUTE.

MISSING VALUES DevScrnng_18().

COMPUTE npm6DSc_18 = DevScrnnng_18.

VARIABLE LABELS npm6DSc_18 "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_18

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_18(90,95,99).

FORMATS npm6DSc_18(f4.0).

EXECUTE.

NPM 8.1	Physical activity, age 6-11 years (npm8PhAc6to11_18)
Description	National Performance Measure 8.1: 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; for children 12-17 years: G6 Variable in public use data file: PHYSACTIV
Denominator	Children age 6-11 years
Numerator/Response Categories	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 measure was derived from a single item asked among children 6-17 years of age. However, the denominator of this measure is children age 6-11 years.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE PhysAct_18 = PHYSACTIV. IF SC_AGE_YEARS < 6 PhysAct_18 = 90. VARIABLE LABELS PhysAct_18 "Indicator 1.5 Children who are physically active at least 60 minutes per day, age 6-17 years". VALUE LABELS PhysAct_18 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Every day" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES PhysAct_18(90,99). FORMATS PhysAct_18(f2.0). EXECUTE. MISSING VALUES PhysAct_18().</pre> <p>COMPUTE npm8PhAc6to11_18 = PhysAct_18. IF SC_AGE_YEARS < 6 npm8PhAc6to11_18 = 90. IF SC_AGE_YEARS > 11 npm8PhAc6to11_18 = 95. VARIABLE LABELS npm8PhAc6to11_18 "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_18 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Everyday" 99 "Missing" 90 "Children age 0-5 years"</p>	

Title V Block Grant Measures - National Performance Measures

95 "Children age 12-17 years".

MISSING VALUES npm8PhAc6to11_18(90,95,99).

FORMATS npm8PhAc6to11_18(f2.0).

EXECUTE.

NPM 8.2	Physical activity, age 12-17 years (npm8PhAc12to17_18)
Description	National Performance Measure 8.2: 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 6-11 years: G6; for children 12-17 years: G6 Variable in public use data file: PHYSACTIV
Denominator	Children age 12-17 years
Numerator/Response Categories	Adolescents, 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 measure was derived from a single item asked among children 6-17 years of age. However, the denominator of this measure is adolescents age 12-17 years.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE PhysAct_18 = PHYSACTIV. IF SC AGE YEARS < 6 PhysAct_18 = 90. VARIABLE LABELS PhysAct_18 "Indicator 1.5 Children who are physically active at least 60 minutes per day, age 6-17 years". VALUE LABELS PhysAct_18 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Every day" 99 "Missing" 90 "Children age 0-5 years". MISSING VALUES PhysAct_18(90,99). FORMATS PhysAct_18(f2.0). EXECUTE. MISSING VALUES PhysAct_18(). COMPUTE npm8PhAc12to17_18 = PhysAct_18. IF SC AGE YEARS < 6 npm8PhAc12to17_18 = 90. IF SC AGE YEARS > 5 and SC AGE YEARS < 12 npm8PhAc12to17_18 = 95. VARIABLE LABELS npm8PhAc12to17_18 "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_18 1 "0 days" 2 "1-3 days" 3 "4-6 days" 4 "Everyday" </pre>	

99 "Missing"
90 "Children age 0-5 years"
95 "Children age 6-11 years".
MISSING VALUES npm8PhAc12to17_18(90,95,99).
FORMATS npm8PhAc12to17_18(f2.0).
EXECUTE.

NPM 9	Bully others, age 12-17 years (npm9bully_18)
Description	National Performance Measure 9: Percent of adolescents, ages 12 through 17 years, who bully others
Survey Items Used	Survey instrument item number for children 6-11 years: A5; for children 12-17 years: A5 Variable in public use data file: BULLY
Denominator	Adolescents ages 12 through 17
Numerator/Response Categories	Adolescents ages 12 through 17 who are reported by a parent/guardian to bully others
Notes for Data-Users	
<p>This survey question asked, "During the past 12 months, how often did this child bully others, pick on them, or exclude them?".</p> <p>This question is asked for children between 6 and 17 years of age. However, the denominator of this measure is adolescents age 12-17 years.</p>	
Revisions and Changes	
<p>In 2018, the survey question and timeframe changed to ask about frequency of occurrence during the past 12 months (how often) rather than degree of accuracy of the statement (how true). Response options were revised to give five frequency options: never (in the past 12 months), 1-2 times (in the past 12 months), 1-2 times per month, 1-2 times per week, or almost every day. For more information about the changes, click here.</p>	
SPSS Syntax and Annotation	
<pre> RECODE BULLY (1=1) (2 thru 5=2) (99=99) into npm9bully_18. IF SC_AGE_YEARS < 6 npm9bully_18 = 90. IF SC_AGE_YEARS > 5 and SC_AGE_YEARS < 12 npm9bully_18 = 95. VARIABLE LABELS npm9bully_18 "National Performance Measure 9: Percent of adolescents, age 12-17 years, who bully others". VALUE LABELS npm9bully_18 1 "Never bullied other in the past 12 months" 2 "Bullied others in the past 12 months" 99 "Missing" 90 "Children age 0-5 years" 95 "Children age 6-11 years". MISSING VALUES npm9bully_18(90,95,99). FORMATS npm9bully_18(f4.0). EXECUTE. </pre>	

NPM 9	Bullied, age 12-17 years (npm9bullied_18)
Description	National Performance Measure 9: Percent of adolescents, ages 12 through 17, who are bullied
Survey Items Used	Survey instrument item number for children 6-11 years: A4; for children 12-17 years: A4 Variable in public use data file: BULLIED_R
Denominator	Children age 12-17 years
Numerator/Response Categories	Adolescents, ages 12 through 17, who are reported by a parent/guardian to be bullied
Notes for Data-Users	
<p>This survey question asked, "During the past 12 months, how often was this child bullied, picked on, or excluded by other children?".</p> <p>This question is asked for children between 6 and 17 years of age. However, the denominator of this measure is adolescents age 12-17 years.</p>	
Revisions and Changes	
<p>In 2018, the survey question and timeframe changed to ask about frequency of occurrence during the past 12 months (how often) rather than degree of accuracy of the statement (how true). Response options were revised to give five frequency options: never (in the past 12 months), 1-2 times (in the past 12 months), 1-2 times per month, 1-2 times per week, or almost every day. For more information about the changes, click here.</p>	
SPSS Syntax and Annotation	
<pre> RECODE BULLIED_R (1=1) (2 thru 5=2) (99=99) into npm9bullied_18. IF SC_AGE_YEARS < 6 npm9bullied_18 = 90. IF SC_AGE_YEARS > 5 and SC_AGE_YEARS < 12 npm9bullied_18 = 95. VARIABLE LABELS npm9bullied_18 "National Performance Measure 9: Percent of adolescents, age 12-17 years, who are bullied". VALUE LABELS npm9bullied_18 1 "Never bullied" 2 "Bullied" 99 "Missing" 90 "Children age 0-5 years" 95 "Children age 6-11 years". MISSING VALUES npm9bullied_18(90,95,99). FORMATS npm9bullied_18(f4.0). EXECUTE. </pre>	

NPM 10	Preventive medical visit, age 12-17 years (npm10PrVi_18)
Description	National Performance Measure 10: Percent of adolescents, ages 12 through 17 years, 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: C3, C1 Variable in public use data file: K4Q20R; S4Q01
Denominator	Children 12-17 years
Numerator/Response Categories	Adolescents, ages 12 through 17 years, with a preventive medical visit in the past year
Notes for Data-Users	
This question was asked among children who had a medical care visit in the past 12 months. The survey question asked, "During the past 12 months, how many times did this child visit a doctor, nurse, or other health care professional to receive a preventive check-up? A preventive check-up occurs when this child was not sick or injured, such as an annual or sports physical, or well-child visit."	
Revisions and Changes	
This survey question did not change in the 2018 NSCH. However, the filter item (C1) which asked about receipt of any medical care in the past 12 months did change. The change in that item led to some changes in how respondents may have understood the two questions, therefore preventive care in 2017 and 2018 should not be considered comparable. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE PrevMed_18 = 999. IF K4Q20R=2 or K4Q20R = 3 PrevMed_18 = 1. IF K4Q20R = 1 PrevMed_18 = 2. IF S4Q01 = 2 PrevMed_18 = 2. IF K4Q20R=99 PrevMed_18 = 99. IF S4Q01=99 PrevMed_18 = 99. VARIABLE LABELS PrevMed_18 "Indicator 4.1a: Children who had one or more preventive medical care visits during past 12 months". VALUE LABELS PrevMed_18 1 "One or more preventive visits" 2 "No preventive care visits" 99 "Missing". MISSING VALUES PrevMed_18(99). FORMATS PrevMed_18(f2.0). EXECUTE. MISSING VALUES PrevMed_18(). COMPUTE npm10PrVi_18 = PrevMed_18.</pre>	

Title V Block Grant Measures - National Performance Measures

IF SC_AGE_YEARS < 12 npm10PrVi_18 = 95.

VARIABLE LABELS npm10PrVi_18 "National Performance Measure 10: Percent of adolescents, age 12-17 years, with a preventive medical visit in the past year".

VALUE LABELS npm10PrVi_18

1 "One or more preventive visits"

2 "No preventive care visits"

99 "Missing"

95 "Children age 0-11 years".

MISSING VALUES npm10PrVi_18(95,99).

FORMATS npm10PrVi_18(f2.0).

EXECUTE.

MISSING VALUES PrevMed_18(99).

NPM 11	Medical home, children with special health care needs (npm11MHCSHCN_18)
Description	National Performance Measure 11: Percent of children with special health care needs, ages 0 through 17, who have a medical home
Survey Items Used	Survey instrument item number for children 0-5 years: C10,C11, D1-D12; for children 6-11 years: C8,C9,D1-D12; for children 12-17 years: C9,C10, D1-D12 Variables in public use data file: K4Q01; K4Q02_R; K4Q04_R; K5Q10; K5Q11; K5Q20_R; K5Q21; K5Q22; K5Q30; K5Q31_R; K5Q32; K5Q40; K5Q41; K5Q42; K5Q43; K5Q44; SC_CSHCN (derived)
Denominator	Children with special health care needs age 0-17 years
Numerator/Response Categories	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. In the 2018 NSCH, the presence of a medical home was measured by a composite measure based on five components constructed from a total of 16 survey items. These components are:</p> <ul style="list-style-type: none"> - Personal doctor or nurse (Indicator 4.12a: PerDrNs_18) - Usual source for sick care (Indicator 4.12b: UsualSck_18) - Family-centered care (Indicator 4.12c: FamCent_18) - Problems getting needed referrals (Indicator 4.12d: NoRefPrb_18) (not shown in the 2018 NSCH data query due to changes to the item. See Revisions note). - Effective Care Coordination when needed (Indicator 4.12e: CareCoor_18). <p>To qualify as having a Medical Home, children must meet the criteria for adequate care on the first three components: personal doctor or nurse, usual source for care, and family-centered care. Additionally, any children who needed referrals or care coordination must also meet criteria for those components in order to qualify as having a medical home. Children with a valid, positive response to at least one component and the remainder of the components were missing or legitimately skipped are categorized as having a medical home. Further information about the Medical Home concept and measurement is available on the Data Resource Center Medical Home portal. The medical home manual developed by the CAHMI is available on the DRC website.</p>	
Revisions and Changes	
<p>Though there were some changes to a few items which are used to score this measure, the overall concept of medical home and how it is measured in the survey did not change; therefore the results may be compared. The most significant change was applied to the "Problems getting needed referral" subcomponent. In 2017 the item was worded to ask how much of a problem it was to get referrals. The answers were no problem, somewhat of a problem or a big problem. The question was reworded in 2018 to ask how difficult it was to receive a referral, with corresponding response options changes to not difficult, somewhat difficult and very difficult. For more information about the changes, click here.</p>	

SPSS Syntax and Annotation

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

```

COMPUTE PerDrNs_18 = 999.
IF K4Q04_R = 1 or K4Q04_R = 2 PerDrNs_18 = 1.
IF K4Q04_R = 3 PerDrNs_18 = 2.
IF K4Q04_R=99 PerDrNs_18 = 99.
VARIABLE LABELS PerDrNs_18 "Indicator 4.12a: Medical Home Component: Children with a personal
doctor or nurse".
VALUE LABELS PerDrNs_18
1 "Yes, have at least one personal doctor or nurse"
2 "Do not have a personal doctor or nurse"
99 "Missing".
MISSING VALUES PerDrNs_18(99).
FORMATS PerDrNs_18(f4.0).

```

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

```

COMPUTE UsualSck_18 = 999.
IF K4Q01 = 1 and (K4Q02_R=1 or K4Q02_R=3 or K4Q02_R=4 or K4Q02_R=5 or K4Q02_R=6 or
K4Q02_R=7) UsualSck_18 = 1.
IF K4Q01 = 2 or K4Q02_R = 2 UsualSck_18 = 2.
IF K4Q01=99 or K4Q02_R=99 UsualSck_18 = 99.
VARIABLE LABELS UsualSck_18 "Usual sources for sick care".
VALUE LABELS UsualSck_18
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_18 = 999.
IF S4Q01 = 2 time_18 = 0.
IF K5Q40 = 3 or K5Q40 = 4 time_18 = 3.
IF K5Q40 = 2 time_18 = 2.
IF K5Q40 = 1 time_18 = 1.
IF K5Q40 = 99 time_18 = 99.
VARIABLE LABELS time_18 "Doctors spent enough time with children".
VALUE LABELS time_18
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_18(99).

```

```

COMPUTE listen_18 = 999.
IF S4Q01 = 2 listen_18 = 0.
IF K5Q41 =3 or K5Q41 = 4 listen_18 = 3.
IF K5Q41 = 2 listen_18 = 2.
IF K5Q41 = 1 listen_18 = 1.
IF K5Q41 = 99 listen_18 = 99.

```

```
VARIABLE LABELS listen_18 "Doctors listened carefully to children's parents".
VALUE LABELS listen_18
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_18(99).
```

```
COMPUTE sensitiv_18 = 999.
IF S4Q01 = 2 sensitiv_18 = 0.
IF K5Q42 = 3 or K5Q42 = 4 sensitiv_18 = 3.
IF K5Q42 = 2 sensitiv_18 = 2.
IF K5Q42 = 1 sensitiv_18 = 1.
IF K5Q42 = 99 sensitiv_18 = 99.
VARIABLE LABELS sensitiv_18 "Doctors showed sensitivity to children's family's values and customs".
VALUE LABELS sensitiv_18
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_18(99).
```

```
COMPUTE info_18 = 999.
IF S4Q01 = 2 info_18 = 0.
IF K5Q43 = 3 or K5Q43 = 4 info_18 = 3.
IF K5Q43 = 2 info_18 = 2.
IF K5Q43 = 1 info_18 = 1.
IF K5Q43 = 99 info_18 = 99.
VARIABLE LABELS info_18 "Doctors provided information specific to parents' concerns".
VALUE LABELS info_18
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_18(99).
```

```
COMPUTE partner_18 = 999.
IF S4Q01 = 2 partner_18 = 0.
IF K5Q44 = 3 or K5Q44 = 4 partner_18 = 3.
IF K5Q44 = 2 partner_18 = 2.
IF K5Q44 = 1 partner_18 = 1.
IF K5Q44 = 99 partner_18 = 99.
VARIABLE LABELS partner_18 "Doctors helped parents to feel like partners in child's care".
VALUE LABELS partner_18
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_18(99).
```

MISSING VALUES time_18 listen_18 sensitiv_18 info_18 partner_18().

COMPUTE FamCent_18 = 999.

IF (time_18 = 3 or time_18=99) or (listen_18 = 3 or listen_18 =99) or (sensitiv_18 = 3 or sensitiv_18=99) or (info_18 = 3 or info_18=99) or

(partner_18 = 3 or partner_18=99) FamCent_18 = 2.

IF (time_18=1 or time_18=2 or time_18=99) and (listen_18=1 or listen_18=2 or listen_18=99) and

(sensitiv_18=1 or sensitiv_18=2 or sensitiv_18=99) and

(info_18=1 or info_18=2 or info_18=99) and (partner_18=1 or partner_18=2 or partner_18=99)

FamCent_18 = 1.

IF time_18 = 0 FamCent_18 = 0.

IF time_18 = 99 and listen_18 = 99 and sensitiv_18 = 99 and info_18 = 99 and partner_18 = 99

FamCent_18 = 99.

VARIABLE LABELS FamCent_18 "Indicator 4.12c: Medical Home Component: Family-centered care".

VALUE LABELS FamCent_18

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 all".

MISSING VALUES FamCent_18(0,99).

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

COMPUTE NoRefPrb_18 = K5Q11.

IF K5Q10=99 NoRefPrb_18 = 99.

IF K5Q10 = 2 NoRefPrb_18 = 0.

VARIABLE LABELS NoRefPrb_18 "Indicator 4.12d: Medical Home Component: Difficulties getting needed referrals, all children".

VALUE LABELS NoRefPrb_18

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

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

2 "Somewhat difficult to get referrals, when needed"

3 "Very difficult to get referrals, when needed"

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

99 "Missing".

MISSING VALUES NoRefPrb_18(99).

**Care coordination

COMPUTE DrComm_18 = 999.

IF K5Q30 = 1 DrComm_18 = 1.

IF K5Q30 = 2 DrComm_18 = 2.

IF K5Q30 = 3 or K5Q30 = 4 DrComm_18 = 3.

IF K5Q30 = 99 DrComm_18 = 99.

IF K5Q20_R = 3 or S4Q01 = 2 DrComm_18 = 0.

VARIABLE LABELS DrComm_18 "Satisfaction with communication among child's doctor and other health care provider".

VALUE LABELS DrComm_18

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_18().

COMPUTE CareHelp_18 = 999.

IF K5Q22 = 1 CareHelp_18 = 1.

IF K5Q20_R = 1 and K5Q21 = 2 CareHelp_18 = 1.

IF K5Q22 = 2 or K5Q22 = 3 CareHelp_18 = 2.

IF K5Q21 = 99 or K5Q22 = 99 CareHelp_18 = 99.

IF K5Q20_R = 99 CareHelp_18 = 99.

IF K5Q20_R = 3 or S4Q01 = 2 CareHelp_18 = 0.

IF K5Q20_R = 2 and K5Q21 = 2 CareHelp_18 = 0.

IF S4Q01 = 99 CareHelp_18 = 99.

VARIABLE LABELS CareHelp_18 "Got all needed extra help with care coordination when needed".

VALUE LABELS CareHelp_18

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_18 = 999.

IF S4Q01 = 2 or K5Q31_R = 2 or K5Q31_R = 3 OthComm_18 = 0.

IF K5Q32 = 1 OthComm_18 = 1.

IF K5Q32 = 2 or K5Q32 = 3 or K5Q32 = 4 OthComm_18 = 2.

IF K5Q32 = 99 OthComm_18 = 99.

IF K5Q31_R = 99 OthComm_18 = 99.

VARIABLE LABELS OthComm_18 "Satisfaction with communication among child's doctors and school, child care provider, or special education program".

VALUE LABELS OthComm_18

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_18 DrComm_18 OthComm_18().

COMPUTE CareCoor_18 = 999.

IF (CareHelp_18 = 2 or CareHelp_18=99) or (DrComm_18 = 2 or DrComm_18 = 3 or DrComm_18=99) or (OthComm_18 = 2 or OthComm_18=99) CareCoor_18 = 2.

IF (CareHelp_18 = 0 or CareHelp_18 = 1 or CareHelp_18=99) and (DrComm_18=0 or DrComm_18 =1 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 1 or OthComm_18=99) CareCoor_18 = 1.

IF (CareHelp_18 = 0 or CareHelp_18=99) and (DrComm_18 = 0 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 99) CareCoor_18 = 0.

IF CareHelp_18 = 99 and DrComm_18 = 99 and OthComm_18 = 99 CareCoor_18 = 99.

VARIABLE LABELS CareCoor_18 "Indicator 4.12e: Medical Home Component: Effective care coordination, all children".

VALUE LABELS CareCoor_18

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 all".

MISSING VALUES CareCoor_18(99).

COMPUTE CareCoorR_18 = 999.

Title V Block Grant Measures - National Performance Measures

IF (CareHelp_18 = 2 or CareHelp_18=99) or (DrComm_18 = 2 or DrComm_18 = 3 or DrComm_18=99) or (OthComm_18 = 2 or OthComm_18=99) CareCoorR_18 = 2.
IF (CareHelp_18 = 0 or CareHelp_18 = 1 or CareHelp_18=99) and (DrComm_18=0 or DrComm_18 =1 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 1 or OthComm_18=99) CareCoorR_18 = 1.
IF (CareHelp_18 = 0 or CareHelp_18=99) and (DrComm_18 = 0 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 99) CareCoorR_18 = 0.
IF CareHelp_18 = 99 and DrComm_18 = 99 and OthComm_18 = 99 CareCoorR_18 = 99.
VARIABLE LABELS CareCoorR_18 "Indicator 4.12e: Medical Home Component: Effective care coordination, among who needed".
VALUE LABELS CareCoorR_18
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 all".
MISSING VALUES CareCoorR_18(0,99).

MISSING VALUES PerDrNs_18 UsualSck_18 FamCent_18 NoRefPrb_18 CareCoor_18().

COMPUTE MedHome_18 = 999.
IF (PerDrNs_18 = 1 or PerDrNs_18=99) and (UsualSck_18 = 1 or UsualSck_18=99) and (NoRefPrb_18=1 or NoRefPrb_18 =0 or NoRefPrb_18=99) and (FamCent_18=1 or FamCent_18=0 or FamCent_18=99) and (CareCoor_18=1 or CareCoor_18=0 or CareCoor_18=99) MedHome_18 = 1.
IF PerDrNs_18 = 2 or UsualSck_18 = 2 or (NoRefPrb_18 = 2 or NoRefPrb_18=3 or NoRefPrb_18=4) or FamCent_18 = 2 or CareCoor_18 = 2 MedHome_18 = 2.
IF PerDrNs_18 = 99 and UsualSck_18 = 99 and (FamCent_18 = 99 or FamCent_18 = 0) and (NoRefPrb_18 = 99 or NoRefPrb_18=0) and (CareCoor_18 = 99 or CareCoor_18 = 0) MedHome_18 = 99.
VARIABLE LABELS MedHome_18 "Indicator 4.12: Children receiving coordinated, ongoing, comprehensive care within a medical home".
VALUE LABELS MedHome_18
1 "Care MEETS medical home criteria"
2 "Care DOES NOT meet medical home criteria"
99 "Missing to all".
MISSING VALUES MedHome_18(99).

MISSING VALUES MedHome_18().

COMPUTE npm11MHCSHCN_18 = MedHome_18.
IF SC_CSHCN = 2 npm11MHCSHCN_18 = 95.
VARIABLE LABELS npm11MHCSHCN_18 "National Performance Measure 11: Percent of children with special health care needs, ages 0 through 17, who have a medical home".
VALUE LABELS npm11MHCSHCN_18
1 "Care MEETS medical home criteria"
2 "Care DOES NOT meet medical home criteria"
99 "Missing to any"
95 "Non-CSHCN".
MISSING VALUES npm11MHCSHCN_18(95,99).
FORMATS npm11MHCSHCN_18(f4.0).
EXECUTE.

NPM 11	Medical home, children without special health care needs (npm11MHnonCSHCN_18)
Description	National Performance Measure 11: Percent of children without special health care needs, ages 0 through 17, who have a medical home
Survey Items Used	Survey instrument item number for children 0-5 years: C10,C11, D1-D12; for children 6-11 years: C8,C9,D1-D12; for children 12-17 years: C9,C10, D1-D12 Variables in public use data file: K4Q01; K4Q02_R; K4Q04_R; K5Q10; K5Q11; K5Q20_R; K5Q21; K5Q22; K5Q30; K5Q31_R; K5Q32; K5Q40; K5Q41; K5Q42; K5Q43; K5Q44; SC_CSHCN (derived)
Denominator	Children without special health care needs age 0-17 years
Numerator/Response Categories	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. In the 2018 NSCH, the presence of a medical home was measured by a composite measure based on five components constructed from a total of 16 survey items. These components are:</p> <ul style="list-style-type: none"> - Personal doctor or nurse (Indicator 4.12a: PerDrNs_18) - Usual source for sick care (Indicator 4.12b: UsualSck_18) - Family-centered care (Indicator 4.12c: FamCent_18) - Problems getting needed referrals (Indicator 4.12d: NoRefPrb_18) (not shown in the 2018 NSCH data query due to changes to the item. See Revisions note). - Effective Care Coordination when needed (Indicator 4.12e: CareCoor_18). <p>To qualify as having a Medical Home, children must meet the criteria for adequate care on the first three components: personal doctor or nurse, usual source for care, and family-centered care. Additionally, any children who needed referrals or care coordination must also meet criteria for those components in order to qualify as having a medical home. Children with a valid, positive response to at least one component and the remainder of the components were missing or legitimately skipped are categorized as having a medical home. Further information about the Medical Home concept and measurement is available on the Data Resource Center Medical Home portal. The medical home manual developed by the CAHMI is available on the DRC website.</p>	
Revisions and Changes	
<p>Though there were some changes to a few items which are used to score this measure, the overall concept of medical home and how it is measured in the survey did not change; therefore the results may be compared. The most significant change was applied to the "Problems getting needed referral" subcomponent. In 2017 the item was worded to ask how much of a problem it was to get referrals. The answers were no problem, somewhat of a problem or a big problem. The question was reworded in 2018 to ask how difficult it was to receive a referral, with corresponding response options changes to not difficult, somewhat difficult and very difficult. For more information about the changes, click here.</p>	

SPSS Syntax and Annotation

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

```
COMPUTE PerDrNs_18 = 999.
IF K4Q04_R = 1 or K4Q04_R = 2 PerDrNs_18 = 1.
IF K4Q04_R = 3 PerDrNs_18 = 2.
IF K4Q04_R=99 PerDrNs_18 = 99.
VARIABLE LABELS PerDrNs_18 "Indicator 4.12a: Medical Home Component: Children with a personal
doctor or nurse".
VALUE LABELS PerDrNs_18
1 "Yes, have at least one personal doctor or nurse"
2 "Do not have a personal doctor or nurse"
99 "Missing".
MISSING VALUES PerDrNs_18(99).
FORMATS PerDrNs_18(f4.0).
```

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

```
COMPUTE UsualSck_18 = 999.
IF K4Q01 = 1 and (K4Q02_R=1 or K4Q02_R=3 or K4Q02_R=4 or K4Q02_R=5 or K4Q02_R=6 or
K4Q02_R=7) UsualSck_18 = 1.
IF K4Q01 = 2 or K4Q02_R = 2 UsualSck_18 = 2.
IF K4Q01=99 or K4Q02_R=99 UsualSck_18 = 99.
VARIABLE LABELS UsualSck_18 "Usual sources for sick care".
VALUE LABELS UsualSck_18
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_18 = 999.
IF S4Q01 = 2 time_18 = 0.
IF K5Q40 = 3 or K5Q40 = 4 time_18 = 3.
IF K5Q40 = 2 time_18 = 2.
IF K5Q40 = 1 time_18 = 1.
IF K5Q40 = 99 time_18 = 99.
VARIABLE LABELS time_18 "Doctors spent enough time with children".
VALUE LABELS time_18
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_18(99).
```

```
COMPUTE listen_18 = 999.
IF S4Q01 = 2 listen_18 = 0.
IF K5Q41 =3 or K5Q41 = 4 listen_18 = 3.
IF K5Q41 = 2 listen_18 = 2.
```

```

IF K5Q41 = 1 listen_18 = 1.
IF K5Q41 = 99 listen_18 = 99.
VARIABLE LABELS listen_18 "Doctors listened carefully to children's parents".
VALUE LABELS listen_18
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_18(99).

COMPUTE sensitiv_18 = 999.
IF S4Q01 = 2 sensitiv_18 = 0.
IF K5Q42 = 3 or K5Q42 = 4 sensitiv_18 = 3.
IF K5Q42 = 2 sensitiv_18 = 2.
IF K5Q42 = 1 sensitiv_18 = 1.
IF K5Q42 = 99 sensitiv_18 = 99.
VARIABLE LABELS sensitiv_18 "Doctors showed sensitivity to children's family's values and customs".
VALUE LABELS sensitiv_18
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_18(99).

COMPUTE info_18 = 999.
IF S4Q01 = 2 info_18 = 0.
IF K5Q43 = 3 or K5Q43 = 4 info_18 = 3.
IF K5Q43 = 2 info_18 = 2.
IF K5Q43 = 1 info_18 = 1.
IF K5Q43 = 99 info_18 = 99.
VARIABLE LABELS info_18 "Doctors provided information specific to parents' concerns".
VALUE LABELS info_18
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_18(99).

COMPUTE partner_18 = 999.
IF S4Q01 = 2 partner_18 = 0.
IF K5Q44 = 3 or K5Q44 = 4 partner_18 = 3.
IF K5Q44 = 2 partner_18 = 2.
IF K5Q44 = 1 partner_18 = 1.
IF K5Q44 = 99 partner_18 = 99.
VARIABLE LABELS partner_18 "Doctors helped parents to feel like partners in child's care".
VALUE LABELS partner_18
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_18(99).

MISSING VALUES time_18 listen_18 sensitiv_18 info_18 partner_18().

COMPUTE FamCent_18 = 999.

IF (time_18 = 3 or time_18=99) or (listen_18 = 3 or listen_18 =99) or (sensitiv_18 = 3 or sensitiv_18=99) or (info_18 = 3 or info_18=99) or

(partner_18 = 3 or partner_18=99) FamCent_18 = 2.

IF (time_18=1 or time_18=2 or time_18=99) and (listen_18=1 or listen_18=2 or listen_18=99) and

(sensitiv_18=1 or sensitiv_18=2 or sensitiv_18=99) and

(info_18=1 or info_18=2 or info_18=99) and (partner_18=1 or partner_18=2 or partner_18=99)

FamCent_18 = 1.

IF time_18 = 0 FamCent_18 = 0.

IF time_18 = 99 and listen_18 = 99 and sensitiv_18 = 99 and info_18 = 99 and partner_18 = 99

FamCent_18 = 99.

VARIABLE LABELS FamCent_18 "Indicator 4.12c: Medical Home Component: Family-centered care".

VALUE LABELS FamCent_18

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 all".

MISSING VALUES FamCent_18(0,99).

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

COMPUTE NoRefPrb_18 = K5Q11.

IF K5Q10=99 NoRefPrb_18 = 99.

IF K5Q10 = 2 NoRefPrb_18 = 0.

VARIABLE LABELS NoRefPrb_18 "Indicator 4.12d: Medical Home Component: Difficulties getting needed referrals, all children".

VALUE LABELS NoRefPrb_18

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

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

2 "Somewhat difficult to get referrals, when needed"

3 "Very difficult to get referrals, when needed"

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

99 "Missing".

MISSING VALUES NoRefPrb_18(99).

**Care coordination

COMPUTE DrComm_18 = 999.

IF K5Q30 = 1 DrComm_18 = 1.

IF K5Q30 = 2 DrComm_18 = 2.

IF K5Q30 = 3 or K5Q30 = 4 DrComm_18 = 3.

IF K5Q30 = 99 DrComm_18 = 99.

IF K5Q20_R = 3 or S4Q01 = 2 DrComm_18 = 0.

VARIABLE LABELS DrComm_18 "Satisfaction with communication among child's doctor and other health care provider".

VALUE LABELS DrComm_18

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_18().

COMPUTE CareHelp_18 = 999.
 IF K5Q22 = 1 CareHelp_18 = 1.
 IF K5Q20_R = 1 and K5Q21 = 2 CareHelp_18 = 1.
 IF K5Q22 = 2 or K5Q22 = 3 CareHelp_18 = 2.
 IF K5Q21 = 99 or K5Q22 = 99 CareHelp_18 = 99.
 IF K5Q20_R = 99 CareHelp_18 = 99.
 IF K5Q20_R = 3 or S4Q01 = 2 CareHelp_18 = 0.
 IF K5Q20_R = 2 and K5Q21 = 2 CareHelp_18 = 0.
 IF S4Q01 = 99 CareHelp_18 = 99.

VARIABLE LABELS CareHelp_18 "Got all needed extra help with care coordination when needed".
 VALUE LABELS CareHelp_18
 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_18 = 999.
 IF S4Q01 = 2 or K5Q31_R = 2 or K5Q31_R = 3 OthComm_18 = 0.
 IF K5Q32 = 1 OthComm_18 = 1.
 IF K5Q32 = 2 or K5Q32 = 3 or K5Q32 = 4 OthComm_18 = 2.
 IF K5Q32 = 99 OthComm_18 = 99.
 IF K5Q31_R = 99 OthComm_18 = 99.

VARIABLE LABELS OthComm_18 "Satisfaction with communication among child's doctors and school, child care provider, or special education program".
 VALUE LABELS OthComm_18
 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_18 DrComm_18 OthComm_18().

COMPUTE CareCoor_18 = 999.
 IF (CareHelp_18 = 2 or CareHelp_18=99) or (DrComm_18 = 2 or DrComm_18 = 3 or DrComm_18=99) or (OthComm_18 = 2 or OthComm_18=99) CareCoor_18 = 2.
 IF (CareHelp_18 = 0 or CareHelp_18 = 1 or CareHelp_18=99) and (DrComm_18=0 or DrComm_18 =1 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 1 or OthComm_18=99) CareCoor_18 = 1.
 IF (CareHelp_18 = 0 or CareHelp_18=99) and (DrComm_18 = 0 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 99) CareCoor_18 = 0.
 IF CareHelp_18 = 99 and DrComm_18 = 99 and OthComm_18 = 99 CareCoor_18 = 99.

VARIABLE LABELS CareCoor_18 "Indicator 4.12e: Medical Home Component: Effective care coordination, all children".
 VALUE LABELS CareCoor_18
 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 all".

MISSING VALUES CareCoor_18(99).

COMPUTE CareCoorR_18 = 999.

IF (CareHelp_18 = 2 or CareHelp_18=99) or (DrComm_18 = 2 or DrComm_18 = 3 or DrComm_18=99) or (OthComm_18 = 2 or OthComm_18=99) CareCoorR_18 = 2.

IF (CareHelp_18 = 0 or CareHelp_18 = 1 or CareHelp_18=99) and (DrComm_18=0 or DrComm_18 =1 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 1 or OthComm_18=99) CareCoorR_18 = 1.

IF (CareHelp_18 = 0 or CareHelp_18=99) and (DrComm_18 = 0 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 99) CareCoorR_18 = 0.

IF CareHelp_18 = 99 and DrComm_18 = 99 and OthComm_18 = 99 CareCoorR_18 = 99.

VARIABLE LABELS CareCoorR_18 "Indicator 4.12e: Medical Home Component: Effective care coordination, among who needed".

VALUE LABELS CareCoorR_18

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 all".

MISSING VALUES CareCoorR_18(0,99).

MISSING VALUES PerDrNs_18 UsualSck_18 FamCent_18 NoRefPrb_18 CareCoor_18().

COMPUTE MedHome_18 = 999.

IF (PerDrNs_18 = 1 or PerDrNs_18=99) and (UsualSck_18 = 1 or UsualSck_18=99) and (NoRefPrb_18=1 or NoRefPrb_18 =0 or NoRefPrb_18=99) and

(FamCent_18=1 or FamCent_18=0 or FamCent_18=99) and (CareCoor_18=1 or CareCoor_18=0 or CareCoor_18=99) MedHome_18 = 1.

IF PerDrNs_18 = 2 or UsualSck_18 = 2 or (NoRefPrb_18 = 2 or NoRefPrb_18=3 or NoRefPrb_18=4) or FamCent_18 = 2 or CareCoor_18 = 2 MedHome_18 = 2.

IF PerDrNs_18 = 99 and UsualSck_18 = 99 and (FamCent_18 = 99 or FamCent_18 = 0) and (NoRefPrb_18 = 99 or NoRefPrb_18=0) and (CareCoor_18 = 99 or CareCoor_18 = 0) MedHome_18 = 99.

VARIABLE LABELS MedHome_18 "Indicator 4.12: Children receiving coordinated, ongoing, comprehensive care within a medical home".

VALUE LABELS MedHome_18

1 "Care MEETS medical home criteria"

2 "Care DOES NOT meet medical home criteria"

99 "Missing to all".

MISSING VALUES MedHome_18(99).

COMPUTE npm11MHnonCSHCN_18 = MedHome_18.

IF SC_CSHCN = 1 npm11MHnonCSHCN_18 = 95.

VARIABLE LABELS npm11MHnonCSHCN_18 "National Performance Measure 11: Percent of children without special health care needs, ages 0 through 17, who have a medical home".

VALUE LABELS npm11MHnonCSHCN_18

1 "Care MEETS medical home criteria"

2 "Care DOES NOT meet medical home criteria"

99 "Missing to any"

95 "CSHCN".

MISSING VALUES npm11MHnonCSHCN_18(95,99).

FORMATS npm11MHnonCSHCN_18(f4.0).

EXECUTE.

NPM 12	Transition to adult health care, CSHCN age 12-17 years (npm12TransCSHCN_18)
Description	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
Survey Items Used	Survey instrument item number for children 12-17 years: C2; D13, D14, D15c,d Variables in public use data file: CHANGEAGE; DOCPRIVATE; GAINSKILLS; TREATADULT; TREATCHILD; SC_CSHCN (derived)
Denominator	Children with special health care needs age 12-17 years
Numerator/Response Categories	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	
In order to meet the criteria for this measure, youth with special health care needs 12-17 years old must meet three components: 1) doctor spoke with child privately without an adult in the room during last preventive check-up; 2) if a discussion about transitioning to adult care was needed it must have happened; and 3) doctors actively worked with child to gain skills and understand changes in their health care. If a child has at least one valid positive response to any of these components and the remainder of the components were missing or legitimately skipped, these children were categorized as receiving adequate transition to adult healthcare in the 2018 scoring of this measure. Respondents with "missing" to all items were set to missing. Transition questions were asked among all children 12-17 years of age; however, the DRC provides two separate transition measures based on the child's special health care need status.	
Revisions and Changes	
There were changes in two items that go into scoring this measure: time spent alone with health care provider and discussion of shift to adult health care providers. In 2018, the time alone with health care provider question changed to refer to the last medical care visit of any kind, not just preventive care. The wording of the item on shifting to adult health care providers changed slightly. Though these changes may have slightly impacted the prevalence of the individual items, the overall concept of transition to adult health care and how it is measured in the survey did not change. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE TimeAlone_18 = 999. IF DOCPRIVATE = 1 TimeAlone_18 = 1. IF DOCPRIVATE = 2 TimeAlone_18 = 2. IF DOCPRIVATE = 99 or S4Q01 =99 TimeAlone_18 = 99. IF S4Q01 = 2 TimeAlone_18 = 2. IF SC_AGE_YEARS < 12 TimeAlone_18 = 90. VARIABLE LABELS TimeAlone_18 "Children who had time alone with health care provider at last medical care visit, age 12-17 years". VALUE LABELS TimeAlone_18 1 "Had time alone with provider" </pre>	

Title V Block Grant Measures - National Performance Measures

2 "Did not have time alone with provider/Did not have medical care visit in the past 12 months"

99 "Missing"

90 "Children age 0-11 years".

MISSING VALUES TimeAlone_18().

FORMATS TimeAlone_18(f2.0).

EXECUTE.

COMPUTE ActiveWork_18 = 2.

IF CHANGEAGE = 1 or GAINSKILLS = 1 ActiveWork_18 = 1.

IF (CHANGEAGE = 3 or CHANGEAGE = 99) and (GAINSKILLS =3 or GAINSKILLS = 99) ActiveWork_18 = 99.

IF SC_AGE_YEARS < 12 ActiveWork_18 = 90.

VARIABLE LABELS ActiveWork_18 "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_18

1 "Met the criteria"

2 "Did not met criteria"

99 "Missing/Don't know"

90 "Children age 0-11 years".

MISSING VALUES ActiveWork_18().

FORMATS ActiveWork_18(f2.0).

EXECUTE.

COMPUTE TrtAdult_18 = 999.

IF TREATCHILD = 1 and TREATADULT = 1 TrtAdult_18 = 1.

IF TREATCHILD = 1 and TREATADULT = 2 TrtAdult_18 = 2.

IF TREATCHILD = 99 or TREATADULT = 99 TrtAdult_18 = 99.

IF TREATCHILD = 2 TrtAdult_18 = 95.

IF SC_AGE_YEARS < 12 TrtAdult_18 = 90.

VARIABLE LABELS TrtAdult_18 "Provider discussed shift to adult health care providers if needed, age 12-17 years".

VALUE LABELS TrtAdult_18

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_18(95,99,90).

FORMATS TrtAdult_18(f2.0).

EXECUTE.

MISSING VALUES TimeAlone_18 ActiveWork_18 TrtAdult_18().

COMPUTE Transition_18 = 999.

IF (TimeAlone_18 = 1 or TimeAlone_18 =99) or (ActiveWork_18 = 1 or ActiveWork_18 =99) or (TrtAdult_18

Title V Block Grant Measures - National Performance Measures

```
= 1 or TrtAdult_18=95 or TrtAdult_18=99) Transition_18 = 1.  
IF TimeAlone_18 = 2 or ActiveWork_18 = 2 or TrtAdult_18 = 2 Transition_18 = 2.  
IF TimeAlone_18 = 99 and ActiveWork_18 = 99 and TrtAdult_18 = 99 Transition_18 = 99.  
IF SC_AGE_YEARS < 12 Transition_18 = 90.  
VARIABLE LABELS Transition_18 "Indicator 4.15: Adolescents who received services necessary to make  
planning transitions to adult health care".  
VALUE LABELS Transition_18  
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_18(90,99).  
FORMATS Transition_18(f2.0).  
EXECUTE.
```

MISSING VALUES Transition_18().

```
COMPUTE npm12TransCSHCN_18 = Transition_18.  
IF SC_CSHCN = 2 npm12TransCSHCN_18 = 95.  
IF SC_AGE_YEARS < 12 npm12TransCSHCN_18 = 90.  
VARIABLE LABELS npm12TransCSHCN_18 "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_18  
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_18(90,95,99).  
FORMATS npm12TransCSHCN_18(f4.0).  
EXECUTE.
```

NPM 12	Transition to adult health care, Non-CSHCN age 12-17 years (npm12TransNonCSHCN_18)
Description	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
Survey Items Used	Survey instrument item number for children 12-17 years: C2; D13, D14, D15c,d Variables in public use data file: CHANGEAGE; DOCPRIVATE; GAINSKILLS; TREATADULT; TREATCHILD: SC_CSHCN (derived)
Denominator	Children without special health care needs age 12-17 years
Numerator/Response Categories	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	
In order to meet the criteria for this measure, youth with special health care needs 12-17 years old must meet three components: 1) doctor spoke with child privately without an adult in the room during last preventive check-up; 2) if a discussion about transitioning to adult care was needed it must have happened; and 3) doctors actively worked with child to gain skills and understand changes in their health care. If a child has at least one valid positive response to any of these components and the remainder of the components were missing or legitimately skipped, these children were categorized as receiving adequate transition to adult healthcare in the 2018 scoring of this measure. Respondents with "missing" to all items were set to missing. Transition questions were asked among all children 12-17 years of age; however, the DRC provides two separate transition measures based on the child's special health care need status.	
Revisions and Changes	
There were changes in two items that go into scoring this measure: time spent alone with health care provider and discussion of shift to adult health care providers. In 2018, the time alone with health care provider question changed to refer to the last medical care visit of any kind, not just preventive care. The wording of the item on shifting to adult health care providers changed slightly. Though these changes may have slightly impacted the prevalence of the individual items, the overall concept of transition to adult health care and how it is measured in the survey did not change. For more information about the changes, click here .	
SPSS Syntax and Annotation	
<pre> COMPUTE TimeAlone_18 = 999. IF DOCPRIVATE = 1 TimeAlone_18 = 1. IF DOCPRIVATE = 2 TimeAlone_18 = 2. IF DOCPRIVATE = 99 or S4Q01 =99 TimeAlone_18 = 99. IF S4Q01 = 2 TimeAlone_18 = 2. IF SC_AGE_YEARS < 12 TimeAlone_18 = 90. VARIABLE LABELS TimeAlone_18 "Children who had time alone with health care provider at last medical care visit, age 12-17 years". VALUE LABELS TimeAlone_18 </pre>	

```
1 "Had time alone with provider"  
2 "Did not have time alone with provider/Did not have medical care visit in the past 12 months"  
99 "Missing"  
90 "Children age 0-11 years".  
MISSING VALUES TimeAlone_18().  
FORMATS TimeAlone_18(f2.0).  
EXECUTE.
```

```
COMPUTE ActiveWork_18 = 2.  
IF CHANGEAGE = 1 or GAINSKILLS = 1 ActiveWork_18 = 1.  
IF (CHANGEAGE = 3 or CHANGEAGE = 99) and (GAINSKILLS =3 or GAINSKILLS = 99) ActiveWork_18  
= 99.  
IF SC_AGE_YEARS < 12 ActiveWork_18 = 90.  
VARIABLE LABELS ActiveWork_18 "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_18  
1 "Met the criteria"  
2 "Did not met criteria"  
99 "Missing/Don't know"  
90 "Children age 0-11 years".  
MISSING VALUES ActiveWork_18().  
FORMATS ActiveWork_18(f2.0).  
EXECUTE.
```

```
COMPUTE TrtAdult_18 = 999.  
IF TREATCHILD = 1 and TREATADULT = 1 TrtAdult_18 = 1.  
IF TREATCHILD = 1 and TREATADULT = 2 TrtAdult_18 = 2.  
IF TREATCHILD = 99 or TREATADULT = 99 TrtAdult_18 = 99.  
IF TREATCHILD = 2 TrtAdult_18 = 95.  
IF SC_AGE_YEARS < 12 TrtAdult_18 = 90.  
VARIABLE LABELS TrtAdult_18 "Provider discussed shift to adult health care providers if needed, age 12-  
17 years".  
VALUE LABELS TrtAdult_18  
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_18(95,99,90).  
FORMATS TrtAdult_18(f2.0).  
EXECUTE.  
MISSING VALUES TimeAlone_18 ActiveWork_18 TrtAdult_18().
```

```
COMPUTE Transition_18 = 999.
```

Title V Block Grant Measures - National Performance Measures

IF (TimeAlone_18 = 1 or TimeAlone_18 =99) or (ActiveWork_18 = 1 or ActiveWork_18 =99) or (TrtAdult_18 = 1 or TrtAdult_18=95 or TrtAdult_18=99) Transition_18 = 1.

IF TimeAlone_18 = 2 or ActiveWork_18 = 2 or TrtAdult_18 = 2 Transition_18 = 2.

IF TimeAlone_18 = 99 and ActiveWork_18 = 99 and TrtAdult_18 = 99 Transition_18 = 99.

IF SC_AGE_YEARS < 12 Transition_18 = 90.

VARIABLE LABELS Transition_18 "Indicator 4.15: Adolescents who received services necessary to make planning transitions to adult health care".

VALUE LABELS Transition_18

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_18(90,99).

FORMATS Transition_18(f2.0).

EXECUTE.

COMPUTE npm12TransNonCSHCN_18 = Transition_18.

IF SC_CSHCN = 1 npm12TransNonCSHCN_18 = 95.

IF SC_AGE_YEARS < 12 npm12TransNonCSHCN_18 = 90.

VARIABLE LABELS npm12TransNonCSHCN_18 "National Performance Measure 12: Percent of adolescents without special health care needs, ages 12 through 17, who received services necessary to make transitions to adult health care".

VALUE LABELS npm12TransNonCSHCN_18

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

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

99 "Missing to any"

95 "CSHCN age 12-17 years"

90 "Children age 0-11 years".

MISSING VALUES npm12TransNonCSHCN_18(90,95,99).

FORMATS npm12TransNonCSHCN_18(f4.0).

EXECUTE.

NPM 13.2	Preventive dental visit, age 1-17 years (npm13_2DePrev_18)
Description	National Performance Measure 13.2: 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: C16, C17; for children 6-11 years: C14, C15; for children 12-17 years: C15, C16 Variables in public use data file: K4Q30_R; DENTISTVISIT
Denominator	Children age 1-17 years
Numerator/Response Categories	Children, ages 1 through 17, who had a preventive dental visit in the past year
Notes for Data-Users	
Children, ages 1 through 17, who had a preventive dental visit in the past year	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE PrevDent_18 = 999. IF DENTISTVISIT = 2 or DENTISTVISIT = 3 PrevDent_18 = 1. IF DENTISTVISIT = 1 PrevDent_18 = 2. IF DENTISTVISIT = 99 PrevDent_18 = 99. IF K4Q30_R = 3 PrevDent_18 = 2. IF K4Q30_R = 99 PrevDent_18 = 99. IF SC_AGE_YEARS < 1 PrevDent_18 = 95. VARIABLE LABELS PrevDent_18 "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_18 1 "One or more dental preventive visits" 2 "No preventive dental visits" 99 "Missing" 95 "Children less than 1 year old". MISSING VALUES PrevDent_18(95,99). FORMATS PrevDent_18(f2.0). EXECUTE. MISSING VALUES PrevDent_18(). COMPUTE npm13_2DePrev_18 = PrevDent_18. VARIABLE LABELS npm13_2DePrev_18 "National Performance Measure 13.2: Percent of children, age 1-17 years, who had a preventive dental visit in the past year". VALUE LABELS npm13_2DePrev_18 </pre>	

Title V Block Grant Measures - National Performance Measures

1 "One or more dental preventive visits"
2 "No preventive dental visits"
99 "Missing"
95 "Children less than 1 year old".
MISSING VALUES npm13_2DePrev_18(95,99).
FORMATS npm13_2DePrev_18(f2.0).
EXECUTE.

NPM 14.2	Someone living in the household smokes (npm14_2Smoke_18)
Description	National Performance Measure 14.2: Percent of children, ages 0 through 17, who live in households where someone
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/Response Categories	Children, ages 0 through 17, who live in households where there is household member who smokes
Notes for Data-Users	
This measure was derived from a single item.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE smoking_18 = K9Q40. VARIABLE LABELS smoking_18 "Indicator 6.4: Children who live in households where someone uses cigarettes, cigars, or pipe tobacco". VALUE LABELS smoking_18 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES smoking_18(99). FORMATS smoking_18(f4.0). EXECUTE. MISSING VALUES smoking_18(). COMPUTE npm14_2Smoke_18 = smoking_18. VARIABLE LABELS npm14_2Smoke_18 "National Performance Measure 14.2: Percent of children, ages 0 through 17, who live in households where someone smokes". VALUE LABELS npm14_2Smoke_18 1 "Yes" 2 "No" 99 "Missing". MISSING VALUES npm14_2Smoke_18(99). FORMATS npm14_2Smoke_18(f4.0). EXECUTE. </pre>	

NPM 15	Adequate insurance (npm15AdIns_1718)
Description	National Performance Measure 15: Percent of children, ages 0 through 17, who are continuously and adequately insured
Survey Items Used	Survey instrument item number for children 0-5 years: E1, E3, E5, E6, F1, F2; for children 6-11 years: E1, E3, E5, E6, F1, F2; for children 12-17 years: E1, E3, E5, E6, F1, F2 Variables in public use data file: CURREINS;INSGAP; K3Q20; K3Q21B; K3Q22; HOWMUCH
Denominator	Children age 0-17 years
Numerator/Response Categories	Number of children, ages 0 through 17, who were reported to be continuously insured in the past year with adequate coverage, based on 3 criteria: whether their children's insurance covers needed services and providers, and reasonably covers costs. If a parent answered "always" or "usually" to all three dimensions of adequacy, then the child was considered to have adequate insurance coverage. (No out-of-pocket costs were considered to be "always" reasonable.)
Notes for Data-Users	
To qualify on this measure the child must meet the following two criteria: 1) having continuous insurance in the past 12 months, and 2) having current insurance which is adequate for the child's healthcare needs. The child's current insurance was considered adequate when the following criteria were met: (a) the child currently has health insurance coverage, AND (b) benefits usually or always meet child's needs, AND (c) the insurance usually or always allows the child to see needed providers, AND (d) the insurance either has no out-of-pocket expenses or out-of-pocket expenses are usually or always reasonable. The measure is only considered missing if both items are missing. Therefore, children with a valid, positive response to either portion of the measure and missing to the other portion are categorized as having adequate and continuous insurance.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE CurrIns_18 = CURREINS. VARIABLE LABELS CurrIns_18 "Indicator 3.1: Current health insurance status at time of survey". VALUE LABELS CurrIns_18 1 "Currently insured (does not include Indian Health Service or a religious health share)" 2 "Currently uninsured, or only insured through Indian Health Service or a religious health share" 99 "Missing". MISSING VALUES CurrIns_18(99). FORMATS CurrIns_18(f4.0). EXECUTE. COMPUTE InsGap_18 = 999. IF INSGAP = 1 InsGap_18 = 1. IF INSGAP = 2 or INSGAP = 3 InsGap_18 = 2. IF CURREINS = 2 InsGap_18 = 2. </pre>	

Title V Block Grant Measures - National Performance Measures

```
IF INSGAP = 99 InsGap_18 = 99.  
VARIABLE LABELS InsGap_18 "Indicator 3.2: Children who had consistent health insurance coverage at  
any time during the past 12 months".  
VALUE LABELS InsGap_18  
1 "Consistently insured throughout the past year"  
2 "Currently uninsured or had periods without coverage"  
99 "Missing".  
MISSING VALUES InsGap_18(99).  
FORMATS InsGap_18(f4.0).  
EXECUTE.
```

****Adequacy of current insurance

*NPM#15 Adequate insurance

```
RECODE K3Q20  
(1=1) (2=2) (3 thru 4=3) (99=99) into benefits_18.  
IF CURRINS = 99 benefits_18=99.  
IF CURRINS = 2 benefits_18=95.  
VARIABLE LABELS benefits_18 "Current insurance benefits meets child's health needs".  
VALUE LABELS benefits_18  
1 "Always"  
2 "Usually"  
3 "Sometimes or never"  
99 "Missing"  
95 "Uninsured".  
MISSING VALUES benefits_18 (95,99).  
FORMATS benefits_18 (f3.0).  
EXECUTE.
```

```
RECODE K3Q22  
(1=1) (2=2) (3 thru 4=3) (99=99) into allows_18.  
IF CURRINS = 99 allows_18 = 99.  
IF CURRINS = 2 allows_18=95.  
VARIABLE LABELS allows_18 "Current insurance coverage allows child to see needed providers".  
VALUE LABELS allows_18  
1 "Always"  
2 "Usually"  
3 "Sometimes or never"  
99 "Missing"  
95 "Uninsured".  
MISSING VALUES allows_18 (95,99).  
FORMATS allows_18 (f3.0).  
EXECUTE.
```

```
COMPUTE expense_18 = 999.  
IF K3Q21B = 1 expense_18 = 1.  
IF K3Q21B = 2 expense_18 = 2.
```

Title V Block Grant Measures - National Performance Measures

```
IF (K3Q21B = 3 or K3Q21B = 4) expense_18 = 3.  
IF K3Q21B = 99 expense_18=99.  
IF HOWMUCH = 1 expense_18 = 0.  
IF CURRINS = 99 expense_18 = 99.  
IF CURRINS = 2 expense_18=95.  
VARIABLE LABELS expense_18 "Current insurance out-of-pocket costs are reasonable".  
VALUE LABELS expense_18  
0 'No out of pocket expenses'  
1 "Always"  
2 "Usually"  
3 "Sometimes or never"  
99 "Missing"  
95 "Uninsured".  
MISSING VALUES expense_18 (95,99).  
FORMATS expense_18 (f3.0).
```

MISSING VALUES benefits_18 allows_18 expense_18 ()�.

```
COMPUTE InsAdeq_18=999.  
IF (benefits_18 = 1 or benefits_18 = 2 or benefits_18 = 99) and (allows_18 = 1 or allows_18 = 2 or  
allows_18 = 99) and (expense_18 = 1 or expense_18 =2 or expense_18 = 99) InsAdeq_18 = 1.  
IF expense_18 = 0 InsAdeq_18 = 1.  
IF benefits_18 = 3 or allows_18 = 3 or expense_18 = 3 InsAdeq_18 = 2.  
IF benefits_18 = 99 and allows_18 = 99 and expense_18 = 99 InsAdeq_18 = 99.  
IF CURRINS = 2 InsAdeq_18 = 95.  
VARIABLE LABELS InsAdeq_18 "Indicator 3.4: Adequacy of current insurance coverage".  
VALUE LABELS InsAdeq_18  
1 "Current insurance is adequate"  
2 "Current insurance is not adequate"  
99 "Missing to all questions"  
95 "Uninsured".  
MISSING VALUES InsAdeq_18(95,99).  
FORMATS InsAdeq_18(f4.0).  
EXECUTE.
```

MISSING VALUES Currlns_18 InsGap_18 InsAdeq_18().

```
COMPUTE insurance_18 = 1.  
IF (InsGap_18 = 1 or InsGap_18 = 99) and (InsAdeq_18 = 1 or InsAdeq_18 =99) insurance_18 = 1.  
IF Currlns_18 = 2 or InsGap_18 = 2 or InsAdeq_18 = 2 insurance_18 = 2.  
IF InsGap_18 = 99 and InsAdeq_18 = 99 insurance_18 = 99.  
VARIABLE LABELS insurance_18 "Indicator 3.4a: Adequate and continuous insurance".  
VALUE LABELS insurance_18  
1 "Current insurance is adequate and continuously insured in past year"  
2 "Current insurance is inadequate and/or had gap in insurance coverage in past year"  
99 "Missing to both".  
MISSING VALUES insurance_18 ().  
FORMATS insurance_18 (f2.0).
```

MISSING VALUES insurance_18().

COMPUTE npm15AdIns_18 = insurance_18.

VARIABLE LABELS npm15AdIns_18 "National Performance Measure 15: Percent of children, ages 0 through 17, who are continuously and adequately insured".

VALUE LABELS npm15AdIns_18

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

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

99 "Missing to both questions".

MISSING VALUES npm15AdIns_18 (99).

FORMATS npm15AdIns_18 (F3.0).

EXECUTE.

National Outcome Measures

NOM 14	Tooth decay/cavities, age 1-17 years (nom14TthDec_18)
Description	National Outcome Measure 14: 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: A6g; for children 12-17 years: A6g Variables in public use data file: CAVITIES
Denominator	Children ages 1-17 years
Numerator/Response Categories	Children, ages 1 through 17, who had decayed teeth or cavities in the past year
Notes for Data-Users	
This measure was derived from a single item.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE nom14TthDec_18 = CAVITIES. IF SC_AGE_YEARS <1 nom14TthDec_18 = 95. VARIABLE LABELS nom14TthDec_18 "National Outcome Measure 14: Percent of children, ages 1 through 17, who had decayed teeth or cavities in the past year". VALUE LABELS nom14TthDec_18 1 "Yes, tooth decay or cavities" 2 "No tooth decay or cavities" 95 "Children age <1 year" 99 "Missing". MISSING VALUES nom14TthDec_18(95,99). FORMATS nom14TthDec_18(f2.0). EXECUTE. </pre>	

NOM 17.1	Children with special health care needs (nom17_1CSHCN_18)
Description	National Outcome Measure 17.1: Percent of children with special health care needs (CSHCN), ages 0 through
Survey Items Used	These items are asked among all children in the initial household screener questionnaire. The screener item numbers: 6,7,8,9,10 Variables in public use data file: SC_K2Q10; SC_K2Q11; SC_K2Q12; SC_K2Q13; SC_K2Q14; SC_K2Q15; SC_K2Q16; SC_K2Q17; SC_K2Q18; SC_K2Q19; SC_K2Q20; SC_K2Q21; SC_K2Q22; SC_CSHCN (derived)
Denominator	Children ages 0-17 years
Numerator/Respon se Categories	Children, ages 0 through 17, who met the criteria for having a special health care need based on the CSHCN screener
Notes for Data-Users	
Children, ages 0 through 17, who met the criteria for having a special health care need based on the CSHCN screener 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 >.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE nom17_1CSHCN_18 = SC_CSHCN. VARIABLE LABELS nom17_1CSHCN_18 "National Outcome Measure 17.1: Percent of children with special health care needs (CSHCN), ages 0 through 17". VALUE LABELS nom17_1CSHCN_18 1 "CSHCN" 2 "Non-CSHCN" 99 "Missing". MISSING VALUES nom17_1CSHCN_18(99). FORMATS nom17_1CSHCN_18(f4.0). EXECUTE. </pre>	

NOM 17.2	Systems of care, children with special health care needs (nom17_2SysCSHCN_18)
Description	National Outcome Measure 17.2: Percent of children with special health care needs (CSHCN), ages 0 through 17, who receive care in a well-functioning system
Survey Items Used	Over 50 different survey questions are used to construct this measure.
Denominator	Children with special health care needs age 0-17 years
Numerator/Response Categories	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 receives care with medical home, child had a past-year preventive medical and dental visit, child has adequate insurance, and child did not have a time when he/she needed health care that was not received or was frustrated in receiving health care. For adolescents age 12-17 years, preparation for adult transition is included in addition to these five measures. If a child has at least one valid positive response to any of these measures and the remainder of the components were missing or legitimately skipped, this child was categorized as receiving care in a well-functioning system in the 2016-2017 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 and Changes	
<p>There were some changes in four of the measures included in the overall system of care measure: shared decision making, medical home, preventive care, and transition to adult care. Though small components of each of those four measures changed between 2017 and 2018, the overall approach to understanding and scoring these concepts did not change; therefore, we were able to combine the measures across the two years. For more information about the changes, click here.</p>	
SPSS Syntax and Annotation	
<pre>***Continues and adequate insurance coverage MISSING VALUES CurrIns_18 InsGap_18 InsAdeq_18(). COMPUTE insurance_18 = 1. IF (InsGap_18 = 1 or InsGap_18 = 99) and (InsAdeq_18 = 1 or InsAdeq_18 =99) insurance_18 = 1. IF CurrIns_18 = 2 or InsGap_18 = 2 or InsAdeq_18 = 2 insurance_18 = 2. IF InsGap_18 = 99 and InsAdeq_18 = 99 insurance_18 = 99. VARIABLE LABELS insurance_18 "Children who have adequate insurance and were covered entire year". VALUE LABELS insurance_18 1 "Have adequate insurance covered entire year" 2 "Do not have adequate insurance"</pre>	

99 "Missing to both".

MISSING VALUES insurance_18 ().

FORMATS insurance_18 (f2.0).

MISSING VALUES CurrIns_18 InsGap_18(99).

MISSING VALUES InsAdeq_18(95,99).

***Received medical and dental preventive care

MISSING VALUES PrevMed_18 PrevDent_18().

COMPUTE MedDentSyst_18 = 999.

IF (PrevMed_18 = 1 or PrevMed_18 = 99) and (PrevDent_18=1 or PrevDent_18=95 or PrevDent_18=99)
MedDentSyst_18 = 1.

IF PrevMed_18 = 2 or PrevDent_18 = 2 MedDentSyst_18 = 2.

IF PrevMed_18 = 99 and (PrevDent_18 = 99 or PrevDent_18=95) MedDentSyst_18 = 99.

VARIABLE LABELS MedDentSyst_18 "Indicator 4.3: Children received both preventive medical and dental care visits in past 12 months".

VALUE LABELS MedDentSyst_18

1 "Received preventive medical and dental care"

2 "Did not receive preventive medical and dental care"

99 "Missing to both".

MISSING VALUES PrevMed_18(99).

MISSING VALUES PrevDent_18(95,99).

***Difficulties in accessing care and always or usually frustrated in effort getting services for their children

COMPUTE UnmetFrust_18 = 999.

IF (K4Q27 = 2 or K4Q27 =99) and (C4Q04 = 1 or C4Q04 = 2 or C4Q04 =99) UnmetFrust_18 = 1.

IF K4Q27 = 1 or (C4Q04 = 3 or C4Q04 = 4) UnmetFrust_18 = 2.

IF K4Q27 = 99 and C4Q04 = 99 UnmetFrust_18 = 99.

VARIABLE LABELS UnmetFrust_18 "Children whose parents had difficulties in accessing care and always or usually frustrated in effort getting services for their children".

VALUE LABELS UnmetFrust_18

1 "No unmet need and frustration"

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

99 "Missing".

***Shared decition making

COMPUTE DiscussOpt_18 = 999.

IF DECISIONS = 2 DiscussOpt_18 = 0.

IF DISCUSSOPT = 1 DiscussOpt_18 = 1.

```
IF DISCUSSOPT = 2 DiscussOpt_18 = 2.  
IF DISCUSSOPT = 3 or DISCUSSOPT = 4 DiscussOpt_18 = 3.  
IF DISCUSSOPT = 99 DiscussOpt_18 = 99.  
IF S4Q01=2 DiscussOpt_18 = 95.  
VARIABLE LABELS DiscussOpt_18 "Doctors discussed range of health care/treatment options".  
VALUE LABELS DiscussOpt_18  
0 "No decisions needed"  
1 "Always"  
2 "Usually"  
3 "Never/Sometimes"  
99 "Missing"  
95 "Did not have a health care visit".  
MISSING VALUES DiscussOpt_18(0,95,99).  
FORMATS DiscussOpt_18(f2.0).  
EXECUTE.
```

```
COMPUTE RaiseConc_18 = 999.  
IF DECISIONS = 2 RaiseConc_18 = 0.  
IF RAISECONC = 1 RaiseConc_18 = 1.  
IF RAISECONC = 2 RaiseConc_18 = 2.  
IF RAISECONC = 3 or RAISECONC = 4 RaiseConc_18 = 3.  
IF RAISECONC = 99 RaiseConc_18 = 99.  
IF S4Q01 = 2 RaiseConc_18 = 95.  
VARIABLE LABELS RaiseConc_18 "Doctors made it easy for parents to raise concerns or disagree with recommendations".  
VALUE LABELS RaiseConc_18  
0 "No decisions needed"  
1 "Always"  
2 "Usually"  
3 "Never/Sometimes"  
99 "Missing"  
95 "Did not have a health care visit".  
MISSING VALUES RaiseConc_18(0,95,99).  
FORMATS RaiseConc_18(f2.0).  
EXECUTE.
```

```
COMPUTE BestChoice_18 = 999.  
IF DECISIONS = 2 BestChoice_18 = 0.  
IF BESTFORCHILD=1 BestChoice_18 = 1.  
IF BESTFORCHILD=2 BestChoice_18 = 2.  
IF BESTFORCHILD=3 or BESTFORCHILD=4 BestChoice_18 = 3.  
IF BESTFORCHILD = 99 BestChoice_18 = 99.  
IF S4Q01 = 2 BestChoice_18 = 95.  
VARIABLE LABELS BestChoice_18 "Doctors worked with parents to decide together health care/treatment"
```

options".

VALUE LABELS BestChoice_18

0 "No decisions needed"

1 "Always"

2 "Usually"

3 "Never/Sometimes"

99 "Missing"

95 "Did not have a health care visit".

MISSING VALUES BestChoice_18(0,95,99).

FORMATS BestChoice_18(f2.0).

EXECUTE.

MISSING VALUES DiscussOpt_18 RaiseConc_18 BestChoice_18().

COMPUTE ShareDec_18 = 999.

IF (DiscussOpt_18 = 3 or DiscussOpt_18=99) or (RaiseConc_18 = 3 or RaiseConc_18=99) or (BestChoice_18 = 3 or BestChoice_18 = 99) ShareDec_18 = 2.

IF (DiscussOpt_18 = 1 or DiscussOpt_18= 2 or DiscussOpt_18=99) and (RaiseConc_18 = 1 or RaiseConc_18 = 2 or RaiseConc_18=99) and

(BestChoice_18 = 1 or BestChoice_18 = 2 or BestChoice_18=99) ShareDec_18 = 1.

IF DiscussOpt_18 = 99 and RaiseConc_18 = 99 and BestChoice_18 = 99 ShareDec_18 = 99.

IF DECISIONS = 2 or S4Q01=2 ShareDec_18 = 0.

VARIABLE LABELS ShareDec_18 "Indicator 4.14: Children whose families are partners in shared decision-making regarding their child's healthcare for their optimal health".

VALUE LABELS ShareDec_18

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_18(95,99).

FORMATS ShareDec_18(f2.0).

EXECUTE.

**Medical home

COMPUTE PerDrNs_18 = 999.

IF K4Q04_R = 1 or K4Q04_R = 2 PerDrNs_18 = 1.

IF K4Q04_R = 3 PerDrNs_18 = 2.

IF K4Q04_R=99 PerDrNs_18 = 99.

VARIABLE LABELS PerDrNs_18 "Indicator 4.12a: Medical Home Component: Children with a personal doctor or nurse".

VALUE LABELS PerDrNs_18

1 "Yes, have at least one personal doctor or nurse"

2 "Do not have a personal doctor or nurse"

99 "Missing".

MISSING VALUES PerDrNs_18(99).

FORMATS PerDrNs_18(f4.0).

```

COMPUTE UsualSck_18 = 999.
IF K4Q01 = 1 and (K4Q02_R=1 or K4Q02_R=3 or K4Q02_R=4 or K4Q02_R=5 or K4Q02_R=6 or
K4Q02_R=7) UsualSck_18 = 1.
IF K4Q01 = 2 or K4Q02_R = 2 UsualSck_18 = 2.
IF K4Q01=99 or K4Q02_R=99 UsualSck_18 = 99.
VARIABLE LABELS UsualSck_18 "Usual sources for sick care".
VALUE LABELS UsualSck_18
1 "Have usual sources for sick care"
2 "Do not have usual sources for sick care"
99 "Missing".

```

```

COMPUTE time_18 = 999.
IF S4Q01 = 2 time_18 = 0.
IF K5Q40 = 3 or K5Q40 = 4 time_18 = 3.
IF K5Q40 = 2 time_18 = 2.
IF K5Q40 = 1 time_18 = 1.
IF K5Q40 = 99 time_18 = 99.
VARIABLE LABELS time_18 "Doctors spent enough time with children".
VALUE LABELS time_18
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_18(99).

```

```

COMPUTE listen_18 = 999.
IF S4Q01 = 2 listen_18 = 0.
IF K5Q41 =3 or K5Q41 = 4 listen_18 = 3.
IF K5Q41 = 2 listen_18 = 2.
IF K5Q41 = 1 listen_18 = 1.
IF K5Q41 = 99 listen_18 = 99.
VARIABLE LABELS listen_18 "Doctors listened carefully to children's parents".
VALUE LABELS listen_18
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_18(99).

```

```

COMPUTE sensitiv_18 = 999.
IF S4Q01 = 2 sensitiv_18 = 0.
IF K5Q42 = 3 or K5Q42 = 4 sensitiv_18 = 3.
IF K5Q42 = 2 sensitiv_18 = 2.
IF K5Q42 = 1 sensitiv_18 = 1.
IF K5Q42 = 99 sensitiv_18 = 99.
VARIABLE LABELS sensitiv_18 "Doctors showed sensitivity to children's family's values and customs".
VALUE LABELS sensitiv_18
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_18(99).

COMPUTE info_18 = 999.
 IF S4Q01 = 2 info_18 = 0.
 IF K5Q43 = 3 or K5Q43 = 4 info_18 = 3.
 IF K5Q43 = 2 info_18 = 2.
 IF K5Q43 = 1 info_18 = 1.
 IF K5Q43 = 99 info_18 = 99.
 VARIABLE LABELS info_18 "Doctors provided information specific to parents' concerns".
 VALUE LABELS info_18
 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_18(99).

COMPUTE partner_18 = 999.
 IF S4Q01 = 2 partner_18 = 0.
 IF K5Q44 = 3 or K5Q44 = 4 partner_18 = 3.
 IF K5Q44 = 2 partner_18 = 2.
 IF K5Q44 = 1 partner_18 = 1.
 IF K5Q44 = 99 partner_18 = 99.
 VARIABLE LABELS partner_18 "Doctors helped parents to feel like partners in child's care".
 VALUE LABELS partner_18
 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_18(99).

MISSING VALUES time_18 listen_18 sensitiv_18 info_18 partner_18().

COMPUTE FamCent_18 = 999.
 IF (time_18 = 3 or time_18=99) or (listen_18 = 3 or listen_18 =99) or (sensitiv_18 = 3 or sensitiv_18=99) or
 (info_18 = 3 or info_18=99) or
 (partner_18 = 3 or partner_18=99) FamCent_18 = 2.
 IF (time_18=1 or time_18=2 or time_18=99) and (listen_18=1 or listen_18=2 or listen_18=99) and
 (sensitiv_18=1 or sensitiv_18=2 or sensitiv_18=99) and
 (info_18=1 or info_18=2 or info_18=99) and (partner_18=1 or partner_18=2 or partner_18=99)
 FamCent_18 = 1.
 IF time_18 = 0 FamCent_18 = 0.
 IF time_18 = 99 and listen_18 = 99 and sensitiv_18 = 99 and info_18 = 99 and partner_18 = 99
 FamCent_18 = 99.
 VARIABLE LABELS FamCent_18 "Indicator 4.12c: Medical Home Component: Family-centered care".
 VALUE LABELS FamCent_18
 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 all".

MISSING VALUES FamCent_18(0,99).

COMPUTE NoRefPrb_18 = K5Q11.

IF K5Q10=99 NoRefPrb_18 = 99.

IF K5Q10 = 2 NoRefPrb_18 = 0.

VARIABLE LABELS NoRefPrb_18 "Indicator 4.12d: Medical Home Component: Difficulties getting needed referrals, all children".

VALUE LABELS NoRefPrb_18

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

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

2 "Somewhat difficult to get referrals, when needed"

3 "Very difficult to get referrals, when needed"

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

99 "Missing".

MISSING VALUES NoRefPrb_18(99).

COMPUTE DrComm_18 = 999.

IF K5Q30 = 1 DrComm_18 = 1.

IF K5Q30 = 2 DrComm_18 = 2.

IF K5Q30 = 3 or K5Q30 = 4 DrComm_18 = 3.

IF K5Q30 = 99 DrComm_18 = 99.

IF K5Q20_R = 3 or S4Q01 = 2 DrComm_18 = 0.

VARIABLE LABELS DrComm_18 "Satisfaction with communication among child's doctor and other health care provider".

VALUE LABELS DrComm_18

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_18().

COMPUTE CareHelp_18 = 999.

IF K5Q22 = 1 CareHelp_18 = 1.

IF K5Q20_R = 1 and K5Q21 = 2 CareHelp_18 = 1.

IF K5Q22 = 2 or K5Q22 = 3 CareHelp_18 = 2.

IF K5Q21 = 99 or K5Q22 =99 CareHelp_18 = 99.

IF K5Q20_R = 99 CareHelp_18 = 99.

IF K5Q20_R = 3 or S4Q01 = 2 CareHelp_18 = 0.

IF K5Q20_R = 2 and K5Q21 = 2 CareHelp_18 = 0.

IF S4Q01 = 99 CareHelp_18 = 99.

VARIABLE LABELS CareHelp_18 "Got all needed extra help with care coordination when needed".

VALUE LABELS CareHelp_18

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_18 = 999.

IF S4Q01 = 2 or K5Q31_R = 2 or K5Q31_R = 3 OthComm_18 = 0.

IF K5Q32 = 1 OthComm_18 = 1.

IF K5Q32 = 2 or K5Q32 = 3 or K5Q32 = 4 OthComm_18 = 2.

Title V Block Grant Measures - National Outcome Measures

IF K5Q32 = 99 OthComm_18 = 99.

IF K5Q31_R = 99 OthComm_18 = 99.

VARIABLE LABELS OthComm_18 "Satisfaction with communication among child's doctors and school, child care provider, or special education program".

VALUE LABELS OthComm_18

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_18 DrComm_18 OthComm_18().

COMPUTE CareCoor_18 = 999.

IF (CareHelp_18 = 2 or CareHelp_18=99) or (DrComm_18 = 2 or DrComm_18 = 3 or DrComm_18=99) or (OthComm_18 = 2 or OthComm_18=99) CareCoor_18 = 2.

IF (CareHelp_18 = 0 or CareHelp_18 = 1 or CareHelp_18=99) and (DrComm_18=0 or DrComm_18 =1 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 1 or OthComm_18=99) CareCoor_18 = 1.

IF (CareHelp_18 = 0 or CareHelp_18=99) and (DrComm_18 = 0 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 99) CareCoor_18 = 0.

IF CareHelp_18 = 99 and DrComm_18 = 99 and OthComm_18 = 99 CareCoor_18 = 99.

VARIABLE LABELS CareCoor_18 "Indicator 4.12e: Medical Home Component: Effective care coordination, all children".

VALUE LABELS CareCoor_18

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 all".

MISSING VALUES CareCoor_18(99).

COMPUTE CareCoorR_18 = 999.

IF (CareHelp_18 = 2 or CareHelp_18=99) or (DrComm_18 = 2 or DrComm_18 = 3 or DrComm_18=99) or (OthComm_18 = 2 or OthComm_18=99) CareCoorR_18 = 2.

IF (CareHelp_18 = 0 or CareHelp_18 = 1 or CareHelp_18=99) and (DrComm_18=0 or DrComm_18 =1 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 1 or OthComm_18=99) CareCoorR_18 = 1.

IF (CareHelp_18 = 0 or CareHelp_18=99) and (DrComm_18 = 0 or DrComm_18=99) and (OthComm_18 = 0 or OthComm_18 = 99) CareCoorR_18 = 0.

IF CareHelp_18 = 99 and DrComm_18 = 99 and OthComm_18 = 99 CareCoorR_18 = 99.

VARIABLE LABELS CareCoorR_18 "Indicator 4.12e: Medical Home Component: Effective care coordination, among who needed".

VALUE LABELS CareCoorR_18

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 all".

MISSING VALUES CareCoorR_18(0,99).

MISSING VALUES PerDrNs_18 UsualSck_18 FamCent_18 NoRefPrb_18 CareCoor_18().

COMPUTE MedHome_18 = 999.

IF (PerDrNs_18 = 1 or PerDrNs_18=99) and (UsualSck_18 = 1 or UsualSck_18=99) and (NoRefPrb_18=1 or NoRefPrb_18=0 or NoRefPrb_18=99) and

(FamCent_18=1 or FamCent_18=0 or FamCent_18=99) and (CareCoor_18=1 or CareCoor_18=0 or CareCoor_18=99) MedHome_18 = 1.

Title V Block Grant Measures - National Outcome Measures

```
IF PerDrNs_18 = 2 or UsualSck_18 = 2 or (NoRefPrb_18 = 2 or NoRefPrb_18=3 or NoRefPrb_18=4) or  
FamCent_18 = 2 or CareCoor_18 = 2 MedHome_18 = 2.  
IF PerDrNs_18 = 99 and UsualSck_18 = 99 and (FamCent_18 = 99 or FamCent_18 = 0) and  
(NoRefPrb_18 = 99 or NoRefPrb_18=0) and (CareCoor_18 = 99 or CareCoor_18 = 0) MedHome_18 = 99.  
VARIABLE LABELS MedHome_18 "Indicator 4.12: Children receiving coordinated, ongoing,  
comprehensive care within a medical home".  
VALUE LABELS MedHome_18  
1 "Care MEETS medical home criteria"  
2 "Care DOES NOT meet medical home criteria"  
99 "Missing to all".  
MISSING VALUES MedHome_18(99).
```

***Transition to adulthood:

```
COMPUTE TimeAlone_18 = 999.  
IF DOCPRIVATE = 1 TimeAlone_18 = 1.  
IF DOCPRIVATE = 2 TimeAlone_18 = 2.  
IF DOCPRIVATE = 99 or S4Q01 =99 TimeAlone_18 = 99.  
IF S4Q01 = 2 TimeAlone_18 = 2.  
IF SC_AGE_YEARS < 12 TimeAlone_18 = 90.  
VARIABLE LABELS TimeAlone_18 "Children who had time alone with health care provider at last medical  
care visit, age 12-17 years".  
VALUE LABELS TimeAlone_18  
1 "Had time alone with provider"  
2 "Did not have time alone with provider/Did not have medical care visit in the past 12 months"  
99 "Missing"  
90 "Children age 0-11 years".  
MISSING VALUES TimeAlone_18().  
FORMATS TimeAlone_18(f2.0).  
EXECUTE.
```

```
COMPUTE ActiveWork_18 = 2.  
IF CHANGEAGE = 1 or GAINSKILLS = 1 ActiveWork_18 = 1.  
IF (CHANGEAGE = 3 or CHANGEAGE = 99) and (GAINSKILLS =3 or GAINSKILLS = 99) ActiveWork_18  
= 99.  
IF SC_AGE_YEARS < 12 ActiveWork_18 = 90.  
VARIABLE LABELS ActiveWork_18 "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_18  
1 "Met the criteria"  
2 "Did not met criteria"  
99 "Missing/Don't know"  
90 "Children age 0-11 years".  
MISSING VALUES ActiveWork_18().  
FORMATS ActiveWork_18(f2.0).  
EXECUTE.
```

```

COMPUTE TrtAdult_18 = 999.
IF TREATCHILD = 1 and TREATADULT = 1 TrtAdult_18 = 1.
IF TREATCHILD = 1 and TREATADULT = 2 TrtAdult_18 = 2.
IF TREATCHILD = 99 or TREATADULT = 99 TrtAdult_18 = 99.
IF TREATCHILD = 2 TrtAdult_18 = 95.
IF SC_AGE_YEARS < 12 TrtAdult_18 = 90.
VARIABLE LABELS TrtAdult_18 "Provider discussed shift to adult health care providers if needed, age 12-17 years".
VALUE LABELS TrtAdult_18
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_18(95,99,90).
FORMATS TrtAdult_18(f2.0).
EXECUTE.
MISSING VALUES TimeAlone_18 ActiveWork_18 TrtAdult_18().

```

```

COMPUTE Transition_18 = 999.
IF (TimeAlone_18 = 1 or TimeAlone_18 = 99) or (ActiveWork_18 = 1 or ActiveWork_18 = 99) or (TrtAdult_18 = 1 or TrtAdult_18=95 or TrtAdult_18=99) Transition_18 = 1.
IF TimeAlone_18 = 2 or ActiveWork_18 = 2 or TrtAdult_18 = 2 Transition_18 = 2.
IF TimeAlone_18 = 99 and ActiveWork_18 = 99 and TrtAdult_18 = 99 Transition_18 = 99.
IF SC_AGE_YEARS < 12 Transition_18 = 90.
VARIABLE LABELS Transition_18 "Indicator 4.15: Adolescents who received services necessary to make planning transitions to adult health care".
VALUE LABELS Transition_18
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_18(90,99).
FORMATS Transition_18(f2.0).
EXECUTE.

```

```

MISSING VALUES ShareDec_18 MedHome_18 Insurance_18 MedDentSyst_18 UnmetFrust_18 Transition_18().

```

```

COMPUTE sys0to11care2_18 = 999.
IF (ShareDec_18 = 0 or ShareDec_18 = 1 or ShareDec_18=99) and (MedHome_18 = 1 or MedHome_18 = 99) and (Insurance_18 = 1 or Insurance_18 = 99)
and (MedDentSyst_18 = 1 or MedDentSyst_18=99) and (UnmetFrust_18 = 1 or UnmetFrust_18=99)
sys0to11care2_18 = 1.

```

Title V Block Grant Measures - National Outcome Measures

```
IF ShareDec_18=2 or MedHome_18 = 2 or Insurance_18 = 2 or MedDentSyst_18 = 2 or UnmetFrust_18 = 2 sys0to11care2_18 =2.  
IF (ShareDec_18=0 or ShareDec_18=99) and MedHome_18 = 99 and Insurance_18 = 99 and MedDentSyst_18 = 99 and UnmetFrust_18 = 99 sys0to11care2_18 =99.  
IF SC_AGE_YEARS > 11 sys0to11care2_18 = 95.  
VARIABLE LABELS sys0to11care2_18 "Children ages 0-11 meeting one or more of five criteria for system of care".  
VALUE LABELS sys0to11care2_18  
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_18(99).  
EXECUTE.  
  
COMPUTE sys12to17care2_18 = 999.  
IF (ShareDec_18 = 0 or ShareDec_18 = 1 or ShareDec_18=99) and (MedHome_18 = 1 or MedHome_18 = 99) and (Insurance_18 = 1 or Insurance_18 = 99)  
and (MedDentSyst_18 = 1 or MedDentSyst_18=99) and (UnmetFrust_18 = 1 or UnmetFrust_18=99) and (Transition_18=1 or Transition_18=99) sys12to17care2_18 = 1.  
IF ShareDec_18=2 or MedHome_18 = 2 or Insurance_18 = 2 or MedDentSyst_18 = 2 or UnmetFrust_18 = 2 or Transition_18=2 sys12to17care2_18 =2.  
IF (ShareDec_18=0 or ShareDec_18=99) and MedHome_18 = 99 and Insurance_18 = 99 and MedDentSyst_18 = 99 and UnmetFrust_18 = 99 and (Transition_18=99 or Transition_18=90)  
sys12to17care2_18 =99.  
IF SC_AGE_YEARS < 12 sys12to17care2_18 = 95.  
VARIABLE LABELS sys12to17care2_18 "Children ages 12-17 meeting one or more of five criteria for system of care".  
VALUE LABELS sys12to17care2_18  
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_18(99).  
EXECUTE.  
  
MISSING VALUES sys0to11care2_18 sys12to17care2_18().  
  
COMPUTE SystCare2_18=99.  
IF sys0to11care2_18 = 1 or sys12to17care2_18 = 1 SystCare2_18 =1.  
IF sys0to11care2_18 = 2 or sys12to17care2_18 = 2 SystCare2_18 =2.  
IF sys0to11care2_18 = 99 and sys12to17care2_18 = 99 SystCare2_18 =2.  
VARIABLE LABELS SystCare2_18 "Indicator 4.17: Percent of children received care in a well-functioning system".  
VALUE LABELS SystCare2_18  
1 "Received care in a well-functioning system"
```

Title V Block Grant Measures - National Outcome Measures

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

99 "Missing".

MISSING VALUES SystCare2_18(99).

EXECUTE.

MISSING VALUES SystCare2_18().

COMPUTE nom17_2sysCSHCN_18 = SystCare2_18.

IF SC_CSHCN = 2 nom17_2sysCSHCN_18 = 95.

VARIABLE LABELS nom17_2sysCSHCN_18 "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_18

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_18(95,99).

EXECUTE.

NOM 17.3	Autism, age 3-17 years (nom17_3ASD_18)
Description	National Outcome Measure 17.3: 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 Variables in public use data file: K2Q35A; K2Q35B
Denominator	Children ages 3-17 years
Numerator/Response Categories	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. Last, even though the 2017 and 2018 NSCH asked these questions among all children 0-17 years old, this measure only includes children 3 to 17 years old.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE autism_18 = 999. IF K2Q35A = 2 autism_18 = 1. IF K2Q35A = 1 and K2Q35B = 2 autism_18 = 2. IF K2Q35A = 1 and K2Q35B = 1 autism_18 = 3. IF K2Q35A=99 or K2Q35B=99 autism_18 = 99. IF SC_AGE_YEARS < 3 autism_18 = 95. VARIABLE LABELS autism_18 "Children who currently have Autism or Autism Spectrum Disorder including Asperger's Disorder, pervasive developmental disorder, age 3-17 years". VALUE LABELS autism_18 1 "Does not have condition" 2 "Ever told, but does not currently have condition" 3 "Currently has condition" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES autism_18(). RECODE autism_18 (1=3) (2=2) (3=1) (else=copy) into nom17_3ASD_18. VARIABLE LABELS nom17_3ASD_18 "National Outcome Measure 17.3: Percent of children, ages 3 </pre>	

through 17, diagnosed with an autism spectrum disorder".

VALUE LABELS nom17_3ASD_18

1 "Currently have condition"

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

3 "Do not have condition"

99 "Missing"

95"Children age 0-2 years".

MISSING VALUES nom17_3ASD_18(95,99).

FORMATS nom17_3ASD_18(f4.0).

EXECUTE.

NOM 17.4	ADD or ADHD, age 3-17 years (nom17_4ADHD_18)
Description	National Outcome Measure 17.4: 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 Variables in public use data file: K2Q31A; K2Q31B
Denominator	Children ages 3-17 years
Numerator/Response Categories	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 currently have ADD/ADHD.</p> <p>Please note that in the NSCH, all information about children's health conditions is based on parent recollection and is not independently verified. Further, a response of "Yes" to having "ever been told" that a child has a specific health condition (e.g., K2Q31A = Yes) DOES NOT indicate whether the child currently has that particular condition and therefore should not be interpreted as current prevalence.</p> <p>Last, even though the 2017 NSCH asked these questions among all children 0-17 years old, this measure only includes children 3 to 17 years old.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE ADHD_18 = 999. IF K2Q31A = 2 ADHD_18 = 1. IF K2Q31A = 1 and K2Q31B = 2 ADHD_18 = 2. IF K2Q31A = 1 and K2Q31B = 1 ADHD_18 = 3. IF K2Q31A=99 or K2Q31B=99 ADHD_18 = 99. IF SC_AGE_YEARS < 3 ADHD_18 = 95. VARIABLE LABELS ADHD_18 "Children who currently have Attention Deficit Disorder (ADD) or Attention-Deficit Hyperactivity Disorder (ADHD), age 3-17 years". VALUE LABELS ADHD_18 1 "Does not have condition" 2 "Ever told, but does not currently have condition" 3 "Currently has condition" 99 "Missing" 95 "Children age 0-2 years". MISSING VALUES ADHD_18(). RECODE ADHD_18 (1=3) (2=2) (3=1) (else=copy) into nom17_4ADHD_18. VARIABLE LABELS nom17_4ADHD_18 "National Outcome Measure 17.4: Percent of children, age 3-17" </pre>	

Title V Block Grant Measures - National Outcome Measures

years, diagnosed with Attention Deficit Disorder/Attention Deficit Hyperactivity Disorder (ADD/ADHD)".
VALUE LABELS nom17_4ADHD_18
1 "Currently have condition"
2 "Ever told, but do not currently have condition"
3 "Do not have condition"
99 "Missing"
95"Children age 0-2 years".
MISSING VALUES nom17_4ADHD_18(95.99).
FORMATS nom17_4ADHD_18(f4.0).
EXECUTE.

NOM 18	Mental and behavioral health treatment, age 3-17 years (nom18MHlth_18)
Description	National Outcome Measure 18: 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: C19; for children 6-11 years: C17; for children 12-17 years: C18 Variable in public use data file: K4Q22_R
Denominator	Children ages 3-17 years, reported by their parents to have been diagnosed by a health care provider with a mental/behavioral condition (depression, anxiety problems, or behavioral or conduct problems)
Numerator/Response Categories	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	
The denominator of this measure is children age 3-17 who currently have one of the three diagnosed conditions: depression, anxiety problems, or behavioral or conduct problems. These children are grouped according to whether or not they received treatment from a mental health professional during the past 12 months (K4Q22_R). Two response options to K4Q22_R "Did not receive mental health care, but needed", and "Did not receive mental health care, but did not need" were combined to identify children who did not receive mental health care.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE anxiety_18 = 999. IF K2Q33A = 2 anxiety_18 = 1. IF K2Q33A = 1 and K2Q33B = 2 anxiety_18 = 2. IF K2Q33A = 1 and K2Q33B = 1 anxiety_18 = 3. IF K2Q33A=99 or K2Q33B=99 anxiety_18 = 99. IF SC_AGE_YEARS < 3 anxiety_18 = 95. VARIABLE LABELS anxiety_18 "Children who currently have anxiety problems, age 3-17 years". VALUE LABELS anxiety_18 1 "Does not have condition" 2 "Ever told, but does not currently have condition" 3 "Currently has condition" 99 "Missing" 95 "Children age 0-2 years". COMPUTE depress_18 = 999. IF K2Q32A = 2 depress_18 = 1. IF K2Q32A = 1 and K2Q32B = 2 depress_18 = 2. IF K2Q32A = 1 and K2Q32B = 1 depress_18 = 3. IF K2Q32A=99 or K2Q32B=99 depress_18 = 99. IF SC_AGE_YEARS < 3 depress_18 = 95. VARIABLE LABELS depress_18 "Children who currently have depression, age 3-17 years". VALUE LABELS depress_18 </pre>	

Title V Block Grant Measures - National Outcome Measures

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

COMPUTE behavior_18 = 999.
IF K2Q34A = 2 behavior_18 = 1.
IF K2Q34A = 1 and K2Q34B = 2 behavior_18 = 2.
IF K2Q34A = 1 and K2Q34B = 1 behavior_18 = 3.
IF K2Q34A=99 or K2Q34B=99 behavior_18 = 99.
IF SC_AGE_YEARS < 3 behavior_18 = 95.
VARIABLE LABELS behavior_18 "Children who currently have behavioral or conduct problems, age 3-17 years".
VALUE LABELS behavior_18
1 "Does not have condition"
2 "Ever told, but does not currently have condition"
3 "Currently has condition"
99 "Missing"
95 "Children age 0-2 years".

MISSING VALUES depress_18 anxiety_18 behavior_18().

COUNT ment3cond_18=depress_18 anxiety_18 behavior_18(3).
IF depress_18=99 and anxiety_18 = 99 and behavior_18 =99 ment3cond_18 = 99.
IF SC_AGE_YEARS < 3 ment3cond_18 = 95.
VARIABLE LABELS ment3cond_18 "Number of conditions".

COMPUTE nom18MHlth_18 = 999.
IF ment3cond_18 > 0 and K4Q22_R = 1 nom18MHlth_18 = 1.
IF ment3cond_18 > 0 and (K4Q22_R=2 or K4Q22_R=3) nom18MHlth_18 = 2.
IF ment3cond_18 = 0 nom18MHlth_18 = 95.
IF ment3cond_18 = 99 nom18MHlth_18 = 99.
IF K4Q22_R = 99 nom18MHlth_18 = 99.
IF SC_AGE_YEARS < 3 nom18MHlth_18 = 95.

VARIABLE LABELS nom18MHlth_18 "National Outcome Measure 18: Percent of children, age 3-17 years, with a mental/behavioral condition who receive treatment or counseling".

VALUE LABELS nom18MHlth_18
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_18(95,99).

FORMATS nom18MHlth_18(f2.0).

EXECUTE.

NOM 19	Overall health status (nom19ChHSt_18)
Description	National Outcome Measure 19: 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 age 0-17 years
Numerator/Response Categories	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, and poor) into three response categories. Estimates may vary compared to similar indicators from other surveys provided elsewhere on the CAHMI website because of differences in survey wording and survey administration.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
RECODE K2Q01 (1 thru 2=1) (3=2) (4 thru 5=3) (99=99) into ChHlthSt_18. VARIABLE LABELS ChHlthSt_18 "Indicator 1.1: Children's overall health status". VALUE LABELS ChHlthSt_18 1 "Excellent or very good" 2 "Good" 3 "Fair or poor" 99 "Missing". MISSING VALUES ChHlthSt_18(99). FORMATS ChHlthSt_18(f2.0) . EXECUTE. MISSING VALUES ChHlthSt_18(). COMPUTE nom19ChHSt_18 = ChHlthSt_18. VARIABLE LABELS nom19ChHSt_18 "National Outcome Measure 19: Percent of children, ages 0 through 17, in excellent or very good health". VALUE LABELS nom19ChHSt_18 1 "Excellent or very good" 2 "Good" 3 "Fair or poor" 99 "Missing". MISSING VALUES nom19ChHSt_18(99). FORMATS nom19ChHSt_18(f2.0) . EXECUTE.	

NOM 20	Obesity, age 10-17 (nom20obese_18)
Description	National Outcome Measure 20: Percent of adolescents, age 10-17 years, who are obese (BMI at or above the 95th percentile)
Survey Items Used	Survey instrument item number for children 10-11 years: C5,C4; for children 12-17 years: C6,C5 Variable in public use file: BMICLASS (derived)
Denominator	Children age 10-17 years
Numerator/Response Categories	Adolescents, ages 10 through 17, who are obese (BMI at or above the 95th percentile)
Notes for Data-Users	
<p>Assessment of body mass index (BMI) in children and teenagers is approached differently than for adults. Because growth patterns differ, BMI in youth is age and gender specific. BMI-for-age categories are: Underweight - Less than the 5th percentile; Healthy weight - 5th percentile to less than the 85th percentile; Overweight - 85th to less than the 95th percentile; Obese - Equal to or greater than the 95th percentile. Additional information about BMI-for-age is available from the CDC website.</p> <p>The child's age in months is used to calculate BMI-for-age. However, since the NSCH reports age only in years, all children were assumed to be at the midpoint of their age-year for this calculation. In the NSCH, BMI is based on parents' recollection of the selected child's height and weight. Responses to these questions about child's current height and weight were not independently verified (e.g., measurement, health records, etc.). A study comparing parent-reported height and weight estimates from the 2003 NSCH with results of physical measurement from the National Health and Nutrition Examination Survey (NHANES) revealed that parents typically overestimate height and underestimate weight of children younger than 10 years of age (Lara J. Akinbami, Cynthia L. Ogden. (2009) Childhood Overweight Prevalence in the United States: The Impact of Parent-reported Height and Weight. <i>Obesity</i> 17:1574-1580); therefore BMI for children under 10 years of age is not reported in this measure.</p>	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE BMI4_18 = BMICLASS. IF SC AGE YEARS < 10 BMI4_18 = 90. VARIABLE LABELS BMI4_18 "Indicator 1.4: Weight status of the child based on Body Mass Index (BMI)-for-age in four categories, 10-17 years". VALUE LABELS BMI4_18 1 "Underweight (less than 5th percentile)" 2 "Normal weight (5th to 84th percentile)" 3 "Overweight (85th to 94th percentile)" 4 "Obese (95th percentile or above)" 99 "Missing" 90 "Children age 0-9 years". MISSING VALUES BMI4_18(90,99). EXECUTE. </pre>	

MISSING VALUES BMI4_18().

COMPUTE nom20obese_18 = BMI4_18.

VARIABLE LABELS nom20obese_18 "National Outcome Measure 20: Percent of children, age 10-17 years, who are obese (BMI at or above the 95th percentile)".

VALUE LABELS nom20obese_18

1 "Underweight (less than 5th percentile)"

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

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

4 "Obese (95th percentile or above)"

99 "Missing"

90 "Children age 0-9 years".

MISSING VALUES nom20obese_18(90,99).

FORMATS nom20obese_18(f4.0).

EXECUTE.

NOM 25	Forgone health care (nom25ForgoneHC_18)
Description	National Outcome Measure 25: 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: C25; for children 6-11 years: C23; for children 12-17 years: C24 Variable in public use data file: K4Q27
Denominator	Children age 0-17 years
Numerator/Response Categories	Children, ages 0 through 17 years, who were reported by a parent that they were not able to obtain needed health care in the last year
Notes for Data-Users	
This measure is based on the single item "During the past 12 months, was there any time when this child needed health care but it was not received? By health care, we mean medical care as well as other kinds of care like dental care, vision care, and mental health services.	
Revisions and Changes	
This measure did not change from the 2017 NSCH, therefore the results may be compared.	
SPSS Syntax and Annotation	
<pre> COMPUTE ForgoneCare_18 = K4Q27. VARIABLE LABELS ForgoneCare_18 "Children who needed health care but it was not received". VALUE LABELS ForgoneCare_18 1 "Did not receive needed health care" 2 "Received needed health care (or did not need health care)" 99 "Missing". MISSING VALUES ForgoneCare_18(99). EXECUTE. MISSING VALUES ForgoneCare_18(). COMPUTE nom25ForgoneHC_18 = ForgoneCare_18. VARIABLE LABELS nom25ForgoneHC_18 "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_18 1 "Needed care, but did not receive" 2 "Received needed care" 99 "Missing". MISSING VALUES nom25ForgoneHC_18(99). EXECUTE. </pre>	

Appendix A: Child and Family Health Measures 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.

Appendix A: Unweighted Frequency Tables – Child and Family Health Measures and Subgroup Variables

SECTION 1: Physical, Oral Health and Functional Status

ChHlthSt_18 Indicator 1.1: Children's overall health status

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent or very good	28002	91.7	92.0	92.0
	2 Good	2060	6.7	6.8	98.7
	3 Fair or poor	386	1.3	1.3	100.0
	Total	30448	99.7	100.0	
Missing	99 Missing	82	.3		
Total		30530	100.0		

TeethCond_18 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	24321	79.7	82.7	82.7
	2 Good	3890	12.7	13.2	95.9
	3 Fair or poor	1214	4.0	4.1	100.0
	Total	29425	96.4	100.0	
Missing	95 Children age less than year old or Children with no teeth	1033	3.4		
	99 Missing	72	.2		
	Total	1105	3.6		
Total		30530	100.0		

OralProb_18 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	3555	11.6	12.1	12.1
	2 No oral health problems	25930	84.9	87.9	100.0
	Total	29485	96.6	100.0	
Missing	95 Children age less than 1 year	982	3.2		
	99 Missing to all	63	.2		
	Total	1045	3.4		
Total		30530	100.0		

toothache_18 Children who had toothache during the past 12 months, age 1-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes, had toothaches	964	3.2	3.3	3.3
	2 No toothaches	28416	93.1	96.7	100.0
	Total	29380	96.2	100.0	
Missing	95 Children age less than 1 year old	982	3.2		
	99 Missing	168	.6		
	Total	1150	3.8		
Total		30530	100.0		

gumbleed_18 Children who had bleeding gum during the past 12 months, age 1-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes, had bleeding gums	522	1.7	1.8	1.8
	2 No bleeding gums	28743	94.1	98.2	100.0
	Total	29265	95.9	100.0	
Missing	95 Children age less than 1 year old	982	3.2		
	99 Missing	283	.9		
	Total	1265	4.1		
Total		30530	100.0		

cavities_18 Children who had decayed teeth or cavities during the past 12 months, age 1-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes, had decayed teeth or cavities	2953	9.7	10.1	10.1
	2 No decayed teeth or cavities	26407	86.5	89.9	100.0
	Total	29360	96.2	100.0	
Missing	95 Children age less than 1 year old	982	3.2		
	99 Missing	188	.6		
	Total	1170	3.8		
Total		30530	100.0		

BrstEver_18 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	7104	23.3	83.8	83.8
	2 No	1372	4.5	16.2	100.0
	Total	8476	27.8	100.0	
Missing	90 Children age 6-17 years	21954	71.9		
	99 Missing	100	.3		
	Total	22054	72.2		
Total		30530	100.0		

ExBrstFd_18 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	1322	4.3	16.5	16.5
	2 Exclusively breastfed for first 6 months	2133	7.0	26.7	43.2
	3 Breastfed first six months, not exclusively	4484	14.7	56.0	99.2
	4 Breastfed, exclusivity not known	62	.2	.8	100.0
	Total	8001	26.2	100.0	
Missing	90 Children age 6-17 years	21954	71.9		
	95 Children less than 6 months	481	1.6		
	99 Missing	94	.3		
	Total	22529	73.8		
Total		30530	100.0		

BMI4_18 Indicator 1.4: Weight status of the child based on Body Mass Index (BMI)-for-age in four categories, 10-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Underweight (less than 5th percentile)	1004	3.3	6.5	6.5
	2 Normal weight (5th to 84th percentile)	10136	33.2	65.7	72.2
	3 Overweight (85th to 94th percentile)	2258	7.4	14.6	86.8
	4 Obese (95th percentile or above)	2029	6.6	13.2	100.0
	Total	15427	50.5	100.0	
Missing	90 Children age 0-9 years	14517	47.5		
	99 Missing	586	1.9		
	Total	15103	49.5		
Total		30530	100.0		

BMI3_18 Indicator 1.4a: Weight status of children based on Body Mass Index (BMI)-for-age in three categories, 10-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Underweight (less than 5th percentile)	1004	3.3	6.5	6.5
	2 Normal weight (5th to 84th percentile)	10136	33.2	65.7	72.2
	3 Overweight or obese (85th percentile or above)	4287	14.0	27.8	100.0
	Total	15427	50.5	100.0	
Missing	90 Children age 0-9 years	14517	47.5		
	99 Missing	586	1.9		
	Total	15103	49.5		
Total		30530	100.0		

ToldOverweight_18 Indicator 1.4b: Children who ever told by a doctor or health professional that they have overweight

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	2012	6.6	6.6	6.6
	2.00 No	28384	93.0	93.4	100.0
	Total	30396	99.6	100.0	
Missing	99.00 Missing	134	.4		
Total		30530	100.0		

PhysAct_18 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	1938	6.3	8.9	8.9
	2 1-3 days	8389	27.5	38.6	47.5
	3 4-6 days	6672	21.9	30.7	78.2
	4 Every day	4742	15.5	21.8	100.0
	Total	21741	71.2	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	213	.7		
	Total	8789	28.8		
Total		30530	100.0		

WgtConcn_18 Indicator 1.6: Parental concern about their children's weight

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes, concerned it is too high	2274	7.4	7.5	7.5
	2 Yes, concerned it is too low	868	2.8	2.9	10.3
	3 No, not concerned	27239	89.2	89.7	100.0
	Total	30381	99.5	100.0	
Missing	99 Missing	149	.5		
Total		30530	100.0		

LowBWght_18 Indicator 1.7: Children who were born with a low birth weight, that is they weighed less than 2500 grams at birth

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Child was born with low birth weight	2427	7.9	8.3	8.3
	2 Child did not have a low birth weight	26977	88.4	91.7	100.0
	Total	29404	96.3	100.0	
Missing	99 Missing	1126	3.7		
Total		30530	100.0		

VeryLBWght_18 Indicator 1.7a: Children who were born with a low birth weight, that is they weighed less than 1500 grams at birth

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Child was born with very low birth weight (<1500g)	359	1.2	1.2	1.2
	2 Child was born with low birth weight (1500- <2500g)	2068	6.8	7.0	8.3
	3 Child did not have a low birth weight	26977	88.4	91.7	100.0
	Total	29404	96.3	100.0	
Missing	99 Missing	1126	3.7		
Total		30530	100.0		

BornPre_18 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	3276	10.7	10.9	10.9
	2 No	26861	88.0	89.1	100.0
	Total	30137	98.7	100.0	
Missing	99 Missing	393	1.3		
Total		30530	100.0		

Cond2more27_18 Indicator 1.9: Children with one or more current health conditions out of 24 conditions

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Do not have any current health conditions	17690	57.9	57.9	57.9
	2 Currently have 1 health condition	6370	20.9	20.9	78.8
	3 Currently have 2 or more health conditions	6470	21.2	21.2	100.0
	Total	30530	100.0	100.0	

allergies_18 Children who currently have allergies including food, drug, insect, or other

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	21930	71.8	72.1	72.1
	2 Ever told, but does not currently have condition	1592	5.2	5.2	77.3
	3 Currently has condition	6898	22.6	22.7	100.0
	Total	30420	99.6	100.0	
Missing	99 Missing	110	.4		
Total		30530	100.0		

arthritis_18 Children currently have arthritis

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	30024	98.3	99.6	99.6
	2 Ever told, but does not currently have condition	20	.1	.1	99.7
	3 Currently has condition	86	.3	.3	100.0
	Total	30130	98.7	100.0	
Missing	99 Missing	400	1.3		
Total		30530	100.0		

asthma_18 Children currently have asthma

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	26456	86.7	87.6	87.6
	2 Ever told, but does not currently have condition	1373	4.5	4.5	92.1
	3 Currently has condition	2384	7.8	7.9	100.0
	Total	30213	99.0	100.0	
Missing	99 Missing	317	1.0		
Total		30530	100.0		

BloodScr_18 Children who have blood disorders (such as sickle cell disease, thalassemia, or hemophilia) identified through a blood test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never had condition	30323	99.3	99.5	99.5
	2 Ever told, but was not identified through a blood test	70	.2	.2	99.7
	3 Ever told, was identified through a blood test	82	.3	.3	100.0
	Total	30475	99.8	100.0	
Missing	99 Missing	55	.2		
Total		30530	100.0		

BrainInj_18 Children currently have a brain injury, concussion, or head injury

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	28932	94.8	95.2	95.2
	2 Ever told, but does not currently have condition	1280	4.2	4.2	99.4
	3 Currently has condition	178	.6	.6	100.0
	Total	30390	99.5	100.0	
Missing	99 Missing	140	.5		
Total		30530	100.0		

palsy_18 Children who currently have cerebral palsy

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	30302	99.3	99.7	99.7
	2 Ever told, but does not currently have condition	10	.0	.0	99.7
	3 Currently has condition	90	.3	.3	100.0
	Total	30402	99.6	100.0	
Missing	99 Missing	128	.4		
Total		30530	100.0		

CystFibScr_18 Children who have cystic fibrosis identified through a blood test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never had condition	30436	99.7	99.9	99.9
	2 Ever told, but was not identified through a blood test	7	.0	.0	100.0
	3 Ever told, was identified through a blood test	10	.0	.0	100.0
	Total	30453	99.7	100.0	
Missing	99 Missing	77	.3		
Total		30530	100.0		

diabetes_18 Children who currently have diabetes

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	30261	99.1	99.5	99.5
	2 Ever told, but does not currently have condition	19	.1	.1	99.6
	3 Currently has condition	121	.4	.4	100.0
	Total	30401	99.6	100.0	
Missing	99 Missing	129	.4		
Total		30530	100.0		

DownSynd_18 Children who ever had Down Syndrome

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never had condition	30389	99.5	99.8	99.8
	3 Ever told	56	.2	.2	100.0
	Total	30445	99.7	100.0	
Missing	99 Missing	85	.3		
Total		30530	100.0		

seizure_18 Children who currently have epilepsy or seizure disorder

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	30115	98.6	99.0	99.0
	2 Ever told, but does not currently have condition	129	.4	.4	99.4
	3 Currently has condition	183	.6	.6	100.0
	Total	30427	99.7	100.0	
Missing	99 Missing	103	.3		
Total		30530	100.0		

GeneticScr_18 Children who have a genetic or inherited condition identified through a blood test

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never had condition	29252	95.8	96.3	96.3
	2 Ever told, but was not identified through a blood test	951	3.1	3.1	99.5
	3 Ever told, was identified through a blood test	160	.5	.5	100.0
	Total	30363	99.5	100.0	
Missing	99 Missing	167	.5		
Total		30530	100.0		

heart_18 Children who currently have a heart condition

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	29674	97.2	97.5	97.5
	2 Ever told, but does not currently have condition	348	1.1	1.1	98.7
	3 Currently has condition	406	1.3	1.3	100.0
	Total	30428	99.7	100.0	
Missing	99 Missing	102	.3		
Total		30530	100.0		

headache_18 Children who currently have frequent or severe headache including migraine, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	25053	82.1	94.6	94.6
	2 Ever told, but does not currently have condition	373	1.2	1.4	96.0
	3 Currently has condition	1049	3.4	4.0	100.0
	Total	26475	86.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	97	.3		
	Total	4055	13.3		
Total		30530	100.0		

tourette_18 Children who currently have Tourette Syndrome, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	26408	86.5	99.7	99.7
	2 Ever told, but does not currently have condition	15	.0	.1	99.8
	3 Currently has condition	55	.2	.2	100.0
	Total	26478	86.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	94	.3		
	Total	4052	13.3		
Total		30530	100.0		

anxiety_18 Children who currently have anxiety problems, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	23260	76.2	88.1	88.1
	2 Ever told, but does not currently have condition	416	1.4	1.6	89.7
	3 Currently has condition	2719	8.9	10.3	100.0
	Total	26395	86.5	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	177	.6		
	Total	4135	13.5		
Total		30530	100.0		

depress_18 Children who currently have depression, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	24899	81.6	94.2	94.2
	2 Ever told, but does not currently have condition	326	1.1	1.2	95.5
	3 Currently has condition	1198	3.9	4.5	100.0
	Total	26423	86.5	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	149	.5		
	Total	4107	13.5		
Total		30530	100.0		

behavior_18 Children who currently have behavioral or conduct problems, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	24076	78.9	91.1	91.1
	2 Ever told, but does not currently have condition	461	1.5	1.7	92.8
	3 Currently has condition	1901	6.2	7.2	100.0
	Total	26438	86.6	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	134	.4		
	Total	4092	13.4		
Total		30530	100.0		

SubUse_18 Children currently have substance use disorder, age 6-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	21754	71.3	99.7	99.7
	2 Ever told, but does not currently have condition	16	.1	.1	99.8
	3 Currently has condition	39	.1	.2	100.0
	Total	21809	71.4	100.0	
Missing	95 Children age 0-5 years	8576	28.1		
	99 Missing	145	.5		
	Total	8721	28.6		
Total		30530	100.0		

DevDelay_18 Children who currently have any developmental delay, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	24542	80.4	92.9	92.9
	2 Ever told, but does not currently have condition	486	1.6	1.8	94.7
	3 Currently has condition	1397	4.6	5.3	100.0
	Total	26425	86.6	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	147	.5		
	Total	4105	13.4		
Total		30530	100.0		

IntDisab_18 Children who currently have intellectual disability or mental retardation, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	26196	85.8	98.9	98.9
	2 Ever told, but does not currently have condition	12	.0	.0	98.9
	3 Currently has condition	279	.9	1.1	100.0
	Total	26487	86.8	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	85	.3		
	Total	4043	13.2		
Total		30530	100.0		

speech_18 Children who currently have speech or other language disorder, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	24200	79.3	91.4	91.4
	2 Ever told, but does not currently have condition	917	3.0	3.5	94.9
	3 Currently has condition	1349	4.4	5.1	100.0
	Total	26466	86.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	106	.3		
	Total	4064	13.3		
Total		30530	100.0		

learning_18 Children who currently have a learning disability, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	24417	80.0	92.3	92.3
	2 Ever told, but does not currently have condition	148	.5	.6	92.8
	3 Currently has condition	1893	6.2	7.2	100.0
	Total	26458	86.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	114	.4		
	Total	4072	13.3		
Total		30530	100.0		

OthrMent_18 Children who currently have other mental health condition, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	25050	82.1	94.8	94.8
	2 Ever told, but does not currently have condition	61	.2	.2	95.0
	3 Currently has condition	1320	4.3	5.0	100.0
	Total	26431	86.6	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	141	.5		
	Total	4099	13.4		
Total		30530	100.0		

autism_18 Children who currently have Autism or Autism Spectrum Disorder including Asperger's Disorder, pervasive developmental disorder, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	25658	84.0	96.9	96.9
	2 Ever told, but does not currently have condition	41	.1	.2	97.1
	3 Currently has condition	773	2.5	2.9	100.0
	Total	26472	86.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	100	.3		
	Total	4058	13.3		
Total		30530	100.0		

ADHD_18 Children who currently have Attention Deficit Disorder (ADD) or Attention-Deficit Hyperactivity Disorder (ADHD), age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not have condition	23295	76.3	88.9	88.9
	2 Ever told, but does not currently have condition	233	.8	.9	89.8
	3 Currently has condition	2677	8.8	10.2	100.0
	Total	26205	85.8	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	367	1.2		
	Total	4325	14.2		
Total		30530	100.0		

hearing_18 Children who have deafness or problems with hearing

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	369	1.2	1.2	1.2
	2 No	30010	98.3	98.3	99.5
	99 Missing	151	.5	.5	100.0
	Total	30530	100.0	100.0	

vision_18 “Children who have blindness or problems with seeing, even when wearing glasses”

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	436	1.4	1.4	1.4
	2 No	29972	98.2	98.2	99.6
	99 Missing	122	.4	.4	100.0
	Total	30530	100.0	100.0	

AllerSev_18 Parent-rated severity of child's current allergies including food, drug, insect, or other

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	23522	77.0	77.4	77.4
	2 Current condition, rated mild	4093	13.4	13.5	90.8
	3 Current condition, rated moderate/severe	2785	9.1	9.2	100.0
	Total	30400	99.6	100.0	
Missing	99 Missing	130	.4		
Total		30530	100.0		

ArthrSev_18 Parent-rated severity of child's current arthritis

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	30044	98.4	99.7	99.7
	2 Current condition, rated mild	44	.1	.1	99.9
	3 Current condition, rated moderate/severe	41	.1	.1	100.0
	Total	30129	98.7	100.0	
Missing	99 Missing	401	1.3		
Total		30530	100.0		

AsthmSev_18 Parent-rated severity of child's current asthma

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	27829	91.2	92.2	92.2
	2 Current condition, rated mild	1668	5.5	5.5	97.7
	3 Current condition, rated moderate/severe	702	2.3	2.3	100.0
	Total	30199	98.9	100.0	
Missing	99 Missing	331	1.1		
Total		30530	100.0		

BloodSev_18 Parent-rated severity of child's blood disorders (such as sickle cell disease, thalassemia, or hemophilia)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never had condition	30323	99.3	99.5	99.5
	2 Ever told, rated mild	94	.3	.3	99.8
	3 Ever told, rated moderate/severe	55	.2	.2	100.0
	Total	30472	99.8	100.0	
Missing	99 Missing	58	.2		
Total		30530	100.0		

BrainSev_18 Parent-rated severity of child's current brain injury, concussion, or head injury

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	30212	99.0	99.4	99.4
	2 Current condition, rated mild	81	.3	.3	99.7
	3 Current condition, rated moderate/severe	93	.3	.3	100.0
	Total	30386	99.5	100.0	
Missing	99 Missing	144	.5		
Total		30530	100.0		

PalsySev_18 Parent-rated severity of child's current cerebral palsy

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	30312	99.3	99.7	99.7
	2 Current condition, rated mild	39	.1	.1	99.8
	3 Current condition, rated moderate/severe	48	.2	.2	100.0
	Total	30399	99.6	100.0	
Missing	99 Missing	131	.4		
Total		30530	100.0		

DiabetSev_18 Parent-rated severity of child's current diabetes

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	30280	99.2	99.6	99.6
	2 Current condition, rated mild	23	.1	.1	99.7
	3 Current condition, rated moderate/severe	93	.3	.3	100.0
	Total	30396	99.6	100.0	
Missing	99 Missing	134	.4		
Total		30530	100.0		

SeizSev_18 Parent-rated severity of child's current epilepsy or seizure disorder

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	30244	99.1	99.4	99.4
	2 Current condition, rated mild	103	.3	.3	99.8
	3 Current condition, rated moderate/severe	76	.2	.2	100.0
	Total	30423	99.6	100.0	
Missing	99 Missing	107	.4		
Total		30530	100.0		

GenetSev_18 Parent-rated severity of child's current genetic or inherited condition

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never had condition	29252	95.8	96.4	96.4
	2 Ever told, rated mild	398	1.3	1.3	97.7
	3 Ever told, rated moderate/severe	704	2.3	2.3	100.0
	Total	30354	99.4	100.0	
Missing	99 Missing	176	.6		
Total		30530	100.0		

HeartSev_18 Parent-rated severity of child's current heart condition

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	30022	98.3	98.7	98.7
	2 Current condition, rated mild	302	1.0	1.0	99.7
	3 Current condition, rated moderate/severe	103	.3	.3	100.0
	Total	30427	99.7	100.0	
Missing	99 Missing	103	.3		
Total		30530	100.0		

HeadSev_18 Parent-rated severity of current frequent or severe headaches including migraine, age 3-18 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	25426	83.3	96.1	96.1
	2 Current condition, rated mild	516	1.7	1.9	98.0
	3 Current condition, rated moderate/severe	529	1.7	2.0	100.0
	Total	26471	86.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	101	.3		
	Total	4059	13.3		
Total		30530	100.0		

TouretSev_18 Parent-rated severity of child's current Tourette Syndrome, age 3-18 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	26423	86.5	99.8	99.8
	2 Current condition, rated mild	27	.1	.1	99.9
	3 Current condition, rated moderate/severe	28	.1	.1	100.0
	Total	26478	86.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	94	.3		
	Total	4052	13.3		
Total		30530	100.0		

AnxietSev_18 Parent-rated severity of child's current anxiety, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	23676	77.5	89.8	89.8
	2 Current condition, rated mild	1267	4.2	4.8	94.6
	3 Current condition, rated moderate/severe	1432	4.7	5.4	100.0
	Total	26375	86.4	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	197	.6		
	Total	4155	13.6		
Total		30530	100.0		

DepresSev_18 Parent-rated severity of child's current depression, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	25225	82.6	95.5	95.5
	2 Current condition, rated mild	585	1.9	2.2	97.7
	3 Current condition, rated moderate/severe	606	2.0	2.3	100.0
	Total	26416	86.5	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	156	.5		
	Total	4114	13.5		
Total		30530	100.0		

BehavSev_18 Parent-rated severity of child's current behavioral or conduct problems, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	24537	80.4	92.9	92.9
	2 Current condition, rated mild	852	2.8	3.2	96.1
	3 Current condition, rated moderate/severe	1034	3.4	3.9	100.0
	Total	26423	86.5	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	149	.5		
	Total	4107	13.5		
Total		30530	100.0		

DevDelSev_18 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	25028	82.0	94.8	94.8
	2 Current condition, rated mild	602	2.0	2.3	97.1
	3 Current condition, rated moderate/severe	777	2.5	2.9	100.0
	Total	26407	86.5	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	165	.5		
	Total	4123	13.5		
Total		30530	100.0		

IntDisSev_18 Parent-rated severity of child's current intellectual disability or mental retardation, age 3-17 year

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	26208	85.8	99.0	99.0
	2 Current condition, rated mild	93	.3	.4	99.3
	3 Current condition, rated moderate/severe	183	.6	.7	100.0
	Total	26484	86.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	88	.3		
	Total	4046	13.3		
Total		30530	100.0		

SpeechSev_18 Parent-rated severity of child's current speech or other language disorder, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	25117	82.3	94.9	94.9
	2 Current condition, rated mild	774	2.5	2.9	97.8
	3 Current condition, rated moderate/severe	571	1.9	2.2	100.0
	Total	26462	86.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	110	.4		
	Total	4068	13.3		
Total		30530	100.0		

LearnSev_18 Parent-rated severity of child's current learning disability, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	24565	80.5	92.9	92.9
	2 Current condition, rated mild	942	3.1	3.6	96.4
	3 Current condition, rated moderate/severe	942	3.1	3.6	100.0
	Total	26449	86.6	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	123	.4		
	Total	4081	13.4		
Total		30530	100.0		

OthMHSev_18 Parent-rated severity of child's current other mental health condition, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	25111	82.3	95.1	95.1
	2 Current condition, rated mild	412	1.3	1.6	96.6
	3 Current condition, rated moderate/severe	890	2.9	3.4	100.0
	Total	26413	86.5	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	159	.5		
	Total	4117	13.5		
Total		30530	100.0		

AutismSev_18 Parent-rated severity of child's current autism/ASD, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	25699	84.2	97.1	97.1
	2 Current condition, rated mild	398	1.3	1.5	98.6
	3 Current condition, rated moderate/severe	371	1.2	1.4	100.0
	Total	26468	86.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	104	.3		
	Total	4062	13.3		
Total		30530	100.0		

ADHDSev_18 Parent-rated severity of child's current ADD/ADHD, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Does not currently have condition	23528	77.1	89.9	89.9
	2 Current condition, rated mild	1142	3.7	4.4	94.3
	3 Current condition, rated moderate/severe	1502	4.9	5.7	100.0
	Total	26172	85.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	400	1.3		
	Total	4358	14.3		
Total		30530	100.0		

Diff2more_18 Indicator 1.10: Number of functional difficulties reported from a list of 12 difficulties

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Does not have any difficulties	22264	72.9	73.0	73.0
	1 One functional difficulty	5081	16.6	16.7	89.7
	2 Two or more functional difficulties	3137	10.3	10.3	100.0
	Total	30482	99.8	100.0	
Missing	99 Missing to all	48	.2		
Total		30530	100.0		

DiffBreath_18 Children who have had frequent or chronic difficulty with breathing or other respiratory problems (such as wheezing or shortness of breath) in the past 12 months

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	2457	8.0	8.1	8.1
	2 No	27975	91.6	91.9	100.0
	Total	30432	99.7	100.0	
Missing	99 Missing	98	.3		
Total		30530	100.0		

DiffSwall_18 Children who have had frequent or chronic difficulty with eating or swallowing in the past 12 months

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	531	1.7	1.7	1.7
	2 No	29854	97.8	98.3	100.0
	Total	30385	99.5	100.0	
Missing	99 Missing	145	.5		
Total		30530	100.0		

DiffDigest_18 Children who had frequent or chronic difficulty with digesting food, including stomach/intestinal problems, constipation, or diarrhea in the past 12 months

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	2712	8.9	8.9	8.9
	2 No	27632	90.5	91.1	100.0
	Total	30344	99.4	100.0	
Missing	99 Missing	186	.6		
Total		30530	100.0		

DiffPain_18 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	2386	7.8	7.9	7.9
	2 No	27981	91.7	92.1	100.0
	Total	30367	99.5	100.0	
Missing	99 Missing	163	.5		
Total		30530	100.0		

DiffHands_18 Children who have had frequent or chronic difficulty using their hands in the past 12 months, age 0-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	521	1.7	6.1	6.1
	2 No	8020	26.3	93.9	100.0
	Total	8541	28.0	100.0	
Missing	90 Children age 6-17 years	21954	71.9		
	99 Missing	35	.1		
	Total	21989	72.0		
Total		30530	100.0		

DiffCoor_18 Children who have had frequent or chronic difficulty with coordination or moving around in the past 12 month, age 0-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	595	1.9	7.0	7.0
	2 No	7941	26.0	93.0	100.0
	Total	8536	28.0	100.0	
Missing	90 Children age 6-17 years	21954	71.9		
	99 Missing	40	.1		
	Total	21994	72.0		
Total		30530	100.0		

DiffMem_18 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	2220	7.3	10.2	10.2
	2 No	19539	64.0	89.8	100.0
	Total	21759	71.3	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	195	.6		
	Total	8771	28.7		
Total		30530	100.0		

DiffWalk_18 Children who have serious difficulty walking or climbing stairs, age 6-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	189	.6	.9	.9
	2 No	21591	70.7	99.1	100.0
	Total	21780	71.3	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	174	.6		
	Total	8750	28.7		
Total		30530	100.0		

DiffDress_18 Children who have difficulty dressing or bathing, age 6-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	374	1.2	1.7	1.7
	2 No	21356	70.0	98.3	100.0
	Total	21730	71.2	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	224	.7		
	Total	8800	28.8		
Total		30530	100.0		

DiffErrand_18 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	585	1.9	4.7	4.7
	2 No	11847	38.8	95.3	100.0
	Total	12432	40.7	100.0	
Missing	90 Children age 0-11 years	17943	58.8		
	99 Missing	155	.5		
	Total	18098	59.3		
Total		30530	100.0		

CSHCN_18 Indicator 1.11: Children with special health care needs

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Children with special health care needs (CSHCN)	6976	22.8	22.8	22.8
	2 Non-CSHCN	23554	77.2	77.2	100.0
	Total	30530	100.0	100.0	

rxmeds_18 Children qualifying on the CSHCN Screener prescription medication criteria

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Meet screening criteria	5172	16.9	16.9	16.9
	2 Does not meet screening criteria	25358	83.1	83.1	100.0
	Total	30530	100.0	100.0	

serve_18 Children qualifying on the CSHCN Screener for elevated use of services criteria

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Meet screening criteria	3550	11.6	11.6	11.6
	2 Does not meet screening criteria	26980	88.4	88.4	100.0
	Total	30530	100.0	100.0	

func_18 Children qualifying on the CSHCN Screener functional limitations criteria

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Meet screening criteria	1682	5.5	5.5	5.5
	2 Does not meet screening criteria	28848	94.5	94.5	100.0
	Total	30530	100.0	100.0	

therapy_18 Children qualifying on the CSHCN Screener specialized therapy criteria

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Meet screening criteria	1709	5.6	5.6	5.6
	2 Does not meet screening criteria	28821	94.4	94.4	100.0
	Total	30530	100.0	100.0	

mhealth_18 Children qualifying on the CSHCN Screener ongoing emotional, developmental or behavioral criteria

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Meet screening criteria	3051	10.0	10.0	10.0
	2 Does not meet screening criteria	27479	90.0	90.0	100.0
	Total	30530	100.0	100.0	

mhneeds_18 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)	3051	10.0	10.0	10.0
	2 CSHCN not qualifying on mhealth (no Q5)	3925	12.9	12.9	22.8
	3 Non-CSHCN	23554	77.2	77.2	100.0
	Total	30530	100.0	100.0	

qualnum_18 Number of qualifying CSHCN Screener answers

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No qualifying answers	23554	77.2	77.2	77.2
	1 One qualifying answer	2999	9.8	9.8	87.0
	2 Two qualifying answers	1508	4.9	4.9	91.9
	3 Three qualifying answers	1222	4.0	4.0	95.9
	4 Four qualifying answers	752	2.5	2.5	98.4
	5 Five qualifying answers	495	1.6	1.6	100.0
	Total	30530	100.0	100.0	

CSHCNtype_18 Children with specific types of special health care needs based on CSHCN screening criteria

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Non-CSHCN (no qualifying health needs on CSHCN Screener)	23554	77.2	77.2	77.2
	1 CSHCN - Functional limitations (alone or in combination with other qualifying needs)	1682	5.5	5.5	82.7
	2 CSHCN - Prescription medication only (no other qualifying needs on CSHCN Screener)	2185	7.2	7.2	89.8
	3 CSHCN – Above-routine use of services or use of specialized services (no other qualifying needs on CSHCN Screener)	1193	3.9	3.9	93.7
	4 CSHCN - Prescription medication AND above-routine use of services	1916	6.3	6.3	100.0
	Total	30530	100.0	100.0	

CSHCNComplex_18 Complexity of health care needs

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 CSHCN with more complex health needs	4791	15.7	15.7	15.7
	2 CSHCN with less complex health needs	2185	7.2	7.2	22.8
	3 Non-CSHCN	23554	77.2	77.2	100.0
	Total	30530	100.0	100.0	

DailyAct_18 Indicator 1.12: Children whose health conditions consistently and often greatly affect their daily activities during the past 2 months among children who have any condition

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Daily activities never affected	4632	15.2	49.9	49.9
	2 Daily activities moderately affected some of time	3591	11.8	38.7	88.7
	3 Daily activities consistently affected, often a great deal	1051	3.4	11.3	100.0
	Total	9274	30.4	100.0	
Missing	0 Do not have any health conditions	20969	68.7		
	99 Missing to both items	287	.9		
	Total	21256	69.6		
Total		30530	100.0		

SECTION 2: Emotional and Mental Health

bully_18 Indicator 2.1: Children who bullied others, picked on them or excluded them during the past 12 months, age 6-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never (in the past 12 months)	17223	56.4	79.2	79.2
	2 1-2 times (in the past 12 months)	3691	12.1	17.0	96.2
	3 1-2 times per month	556	1.8	2.6	98.7
	4 1-2 times per week	205	.7	.9	99.7
	5 Almost every day	69	.2	.3	100.0
	Total	21744	71.2	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	210	.7		
	Total	8786	28.8		
Total		30530	100.0		

bullied_18 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 Never (in the past 12 months)	10649	34.9	49.0	49.0
	2 1-2 times (in the past 12 months)	7649	25.1	35.2	84.2
	3 1-2 times per month	2097	6.9	9.7	93.9
	4 1-2 times per week	919	3.0	4.2	98.1
	5 Almost every day	415	1.4	1.9	100.0
	Total	21729	71.2	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	225	.7		
	Total	8801	28.8		
Total		30530	100.0		

flrish0to5_18 Indicator 2.3: Flourishing for young children, age 6 months-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Meets 0-2 flourishing items	172	.6	2.1	2.1
	2 Meets 3 flourishing items	866	2.8	10.7	12.8
	3 Meets all 4 flourishing items	7043	23.1	87.2	100.0
	Total	8081	26.5	100.0	
Missing	90 Children age 6-17 years	21954	71.9		
	95 Children age <6 months	481	1.6		
	99 Missing to all 4 items	14	.0		
	Total	22449	73.5		
Total		30530	100.0		

resil0to5_18 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 Always	4223	13.8	52.4	52.4
	2 Usually	3214	10.5	39.9	92.3
	3 Sometimes	581	1.9	7.2	99.5
	4 Never	38	.1	.5	100.0
	Total	8056	26.4	100.0	
Missing	90 Children age 6-17 years	21954	71.9		
	95 Children age <6 months	481	1.6		
	99 Missing	39	.1		
	Total	22474	73.6		
Total		30530	100.0		

tender_18 Children are affectionate and tender with parent, age 6 months-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	5589	18.3	69.3	69.3
	2 Usually	2280	7.5	28.3	97.6
	3 Sometimes	183	.6	2.3	99.9
	4 Never	9	.0	.1	100.0
	Total	8061	26.4	100.0	
Missing	90 Children age 6-17 years	21954	71.9		
	95 Children age <6 months	481	1.6		
	99 Missing	34	.1		
	Total	22469	73.6		
Total		30530	100.0		

curious0to5_18 Children who show interest and curiosity in learning new things, age 6 months-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	5907	19.3	73.3	73.3
	2 Usually	1842	6.0	22.9	96.2
	3 Sometimes	282	.9	3.5	99.7
	4 Never	26	.1	.3	100.0
	Total	8057	26.4	100.0	
Missing	90 Children age 6-17 years	21954	71.9		
	95 Children age <6 months	481	1.6		
	99 Missing	38	.1		
	Total	22473	73.6		
Total		30530	100.0		

smile_18 Children who smile and laugh, age 6 months-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	6454	21.1	80.1	80.1
	2 Usually	1544	5.1	19.2	99.2
	3 Sometimes	61	.2	.8	100.0
	4 Never	3	.0	.0	100.0
	Total	8062	26.4	100.0	
Missing	90 Children age 6-17 years	21954	71.9		
	95 Children age <6 months	481	1.6		
	99 Missing	33	.1		
	Total	22468	73.6		
Total		30530	100.0		

flrish6to17_18 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	2888	9.5	13.2	13.2
	2 Definitely true response to 2 items	3860	12.6	17.6	30.8
	3 Definitely true response to all 3 items	15154	49.6	69.2	100.0
	Total	21902	71.7	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing to all 3 items	52	.2		
	Total	8628	28.3		
Total		30530	100.0		

curious6to17_18 Children who show interest and curiosity in learning new things, age 6-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	12792	41.9	58.5	58.5
	2 Usually	6954	22.8	31.8	90.3
	3 Sometimes	2046	6.7	9.4	99.7
	4 Never	71	.2	.3	100.0
	Total	21863	71.6	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	91	.3		
	Total	8667	28.4		
Total		30530	100.0		

resil6to17_18 Children who stay calm and in control when faced with a challenge, age 6-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	5385	17.6	24.8	24.8
	2 Usually	11595	38.0	53.3	78.1
	3 Sometimes	4433	14.5	20.4	98.4
	4 Never	338	1.1	1.6	100.0
	Total	21751	71.2	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	203	.7		
	Total	8779	28.8		
Total		30530	100.0		

finishes_18 Children who work to finish the tasks they start, age 6-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	7737	25.3	35.9	35.9
	2 Usually	10656	34.9	49.5	85.4
	3 Sometimes	2961	9.7	13.8	99.2
	4 Never	173	.6	.8	100.0
	Total	21527	70.5	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	427	1.4		
	Total	9003	29.5		
Total		30530	100.0		

argue_18 Indicator 2.5: Children who argue too much, age 6-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	946	3.1	4.4	4.4
	2 Usually	2129	7.0	9.8	14.2
	3 Sometimes	12958	42.4	59.7	73.9
	4 Never	5671	18.6	26.1	100.0
	Total	21704	71.1	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	250	.8		
	Total	8826	28.9		
Total		30530	100.0		

MakeFriend_18 Indicator 2.6: Difficulties making and keeping friends, age 6-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No difficulty	16404	53.7	75.5	75.5
	2 A little difficulty	4207	13.8	19.4	94.8
	3 A lot of difficulty	1125	3.7	5.2	100.0
	Total	21736	71.2	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	218	.7		
	Total	8794	28.8		
Total		30530	100.0		

ADHDind_18 Indicator 2.7: Children who currently have Attention Deficit Disorder (ADD) or Attention-Deficit Hyperactivity Disorder (ADHD), age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Do not currently have condition	23295	76.3	88.9	88.9
	2 Ever told, but do not currently have condition	233	.8	.9	89.8
	3 Currently have condition	2677	8.8	10.2	100.0
	Total	26205	85.8	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	367	1.2		
	Total	4325	14.2		
Total		30530	100.0		

ADHDSevInd_18 Indicator 2.7a: Parent-rated severity of current ADD/ADHD, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Do not currently have ADHD	23528	77.1	89.9	89.9
	2 Current ADHD, rated mild	1142	3.7	4.4	94.3
	3 Current ADHD, rated moderate or severe	1502	4.9	5.7	100.0
	Total	26172	85.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	400	1.3		
	Total	4358	14.3		
Total		30530	100.0		

ADHDMed_18 Indicator 2.7b: Children currently taking medication for ADD or ADHD, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Currently have condition and taking medication	1744	5.7	6.7	6.7
	2.00 Currently have condition but not taking medication	921	3.0	3.5	10.2
	3.00 Do not currently have condition	23528	77.1	89.8	100.0
	Total	26193	85.8	100.0	
Missing	95.00 Children age 0-2 year	3958	13.0		
	99.00 Missing	379	1.2		
	Total	4337	14.2		
Total		30530	100.0		

ADHDBehTreat_18 Indicator 2.7c: Received behavioral treatment for ADD/ADHD, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Currently have condition and received behavioral treatment	1246	4.1	4.8	4.8
	2.00 Currently have condition but did not receive behavioral treatment	1422	4.7	5.4	10.2
	3.00 Do not currently have condition	23528	77.1	89.8	100.0
	Total	26196	85.8	100.0	
Missing	95.00 Children age 0-2 year	3958	13.0		
	99.00 Missing	376	1.2		
	Total	4334	14.2		
Total		30530	100.0		

AutismInd_18 Indicator 2.8: Children who currently have Autism or Autism Spectrum Disorder including Asperger's Disorder, pervasive developmental disorder, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Do not have condition	25658	84.0	96.9	96.9
	2 Ever told, but do not currently have condition	41	.1	.2	97.1
	3 Currently have condition	773	2.5	2.9	100.0
	Total	26472	86.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	100	.3		
	Total	4058	13.3		
Total		30530	100.0		

ASDSevInd_18 Indicator 2.8a: Parent-rated severity of current Autism or Autism Spectrum Disorder, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Do not currently have autism or ASD	25699	84.2	97.1	97.1
	2 Current autism or ASD, rated mild	398	1.3	1.5	98.6
	3 Current autism or ASD, rated moderate or severe	371	1.2	1.4	100.0
	Total	26468	86.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	104	.3		
	Total	4062	13.3		
Total		30530	100.0		

ASDMed_18 Indicator 2.8b: Children currently taking medication for Autism, ASD, Asperger's Disorder or PDD, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Currently have condition and taking medication	205	.7	.8	.8
	2.00 Currently have condition but not taking medication	565	1.9	2.1	2.9
	3.00 Do not currently have condition	25699	84.2	97.1	100.0
	Total	26469	86.7	100.0	
Missing	95.00 Children age 0-2 year	3958	13.0		
	99.00 Missing	103	.3		
	Total	4061	13.3		
Total		30530	100.0		

ASDBehTreat_18 Indicator 2.8c: Received behavioral treatment for Autsim, ASD, Asperger's Disorder or PDD, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Currently have condition and received behavioral treatment	468	1.5	1.8	1.8
	2.00 Currently have condition but did not receive behavioral treatment	302	1.0	1.1	2.9
	3.00 Do not currently have condition	25699	84.2	97.1	100.0
	Total	26469	86.7	100.0	
Missing	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	103	.3		
	Total	4061	13.3		
Total		30530	100.0		

ASDAge_18 Indicator 2.8d: Age of diagnosis for Autism or ASD, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Diagnosed at younger than 3 years of age	143	.5	18.7	18.7
	2.00 Diagnosed at 3-5 years of age	328	1.1	42.9	61.6
	3.00 Diagnosed at older than 5 years of age	293	1.0	38.4	100.0
	Total	764	2.5	100.0	
Missing	995.00 Children age 0-2 year	3958	13.0		
	998.00 Never told that child has autism/ASD	25658	84.0		
	999.00 Don't know/Missing	150	.5		
	Total	29766	97.5		
Total		30530	100.0		

ASDDrType_18 Indicator 2.8e: Type of doctor or other health care provider who was the first to tell that this child had Autism, ASD, difficulties with emotions, concentration, or behavior, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Primary Care Provider	115	.4	14.6	14.6
	2.00 Specialist	271	.9	34.4	49.0
	3.00 Psychologist/Counselor (school or non-school)	236	.8	30.0	79.0
	4.00 Psychiatrist	97	.3	12.3	91.4
	5.00 Other health care provider	68	.2	8.6	100.0
	Total	787	2.6	100.0	
Missing	95.00 Children age 0-2 year	3958	13.0		
	96.00 Never told that child has ASD	25658	84.0		
	99.00 Don't Know/Missing	127	.4		
	Total	29743	97.4		
Total		30530	100.0		

MedEmotion_18 Indicator 2.9: Children who are taking medication for ADD/ADHD, ASD, difficulties with emotions, concentration, or behavior, age 3-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	2792	9.1	10.6	10.6
	2 No	23480	76.9	89.4	100.0
	Total	26272	86.1	100.0	
Missing	90 Children age 0-2 years	3958	13.0		
	99 Missing	300	1.0		
	Total	4258	13.9		
Total		30530	100.0		

MEDB10ScrQ5_18 Children qualifying CSHCN Screener question 5 or experience one of the 10 MEDB conditions, age 3-17 (ADHD, depression, anxiety, behavior, autism, dev delay, Tourette, speech, intellectual disability or learning)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Children qualifying CSHCN Screener question 5 or experience one of the 10 MEDB conditions	6449	21.1	24.3	24.3
	2 Children did not qualify the CSHCN Screener question 5 and did not experience one of the 10 MEDB conditions	20123	65.9	75.7	100.0
	Total	26572	87.0	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
Total		30530	100.0		

SECTION 3: Health Insurance Coverage

CurrIns_18 Indicator 3.1: Current health insurance status at time of survey

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Currently insured (does not include Indian Health Service or a religious health share)	29050	95.2	95.5	95.5
	2 Currently uninsured, or only insured through Indian Health Service or a religious health share	1383	4.5	4.5	100.0
	Total	30433	99.7	100.0	
Missing	99 Missing	97	.3		
Total		30530	100.0		

InsGap_18 Indicator 3.2: Children who had consistent health insurance coverage at any time during the past 12 months

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Consistently insured throughout the past year	28447	93.2	94.0	94.0
	2 Currently uninsured or had periods without coverage	1831	6.0	6.0	100.0
	Total	30278	99.2	100.0	
Missing	99 Missing	252	.8		
Total		30530	100.0		

NoCovEmp_18 Children who were not covered by health insurance due to change in parent's employment status

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Gap related to employment change	480	1.6	27.1	27.1
	2.00 Gap not related to employment change	1288	4.2	72.9	100.0
	Total	1768	5.8	100.0	
Missing	95.00 Insured continuously all year	28447	93.2		
	99.00 Missing	315	1.0		
	Total	28762	94.2		
Total		30530	100.0		

NoCovOverdue_18 Children who were not covered by health insurance because of cancellation due to overdue premium

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Gap related to overdue premium	73	.2	4.1	4.1
	2.00 Gap not related to overdue premium	1695	5.6	95.9	100.0
	Total	1768	5.8	100.0	
Missing	95.00 Insured continuously all year	28447	93.2		
	99.00 Missing	315	1.0		
	Total	28762	94.2		
Total		30530	100.0		

NoCovUnafford_18 Dropped health insurance coverage because it was unaffordable

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Gap related to unaffordability	341	1.1	19.3	19.3
	2.00 Gap not related to unaffordability	1427	4.7	80.7	100.0
	Total	1768	5.8	100.0	
Missing	95.00 Insured continuously all year	28447	93.2		
	99.00 Missing	315	1.0		
	Total	28762	94.2		
Total		30530	100.0		

NoCovBenInadeq_18 Dropped health insurance coverage because benefits were inadequate

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Gap related to inadequacy of coverage	98	.3	5.5	5.5
	2.00 Gap not due to inadequacy of coverage	1670	5.5	94.5	100.0
	Total	1768	5.8	100.0	
Missing	95.00 Insured continuously all year	28447	93.2		
	99.00 Missing	315	1.0		
	Total	28762	94.2		
Total		30530	100.0		

NoCovProvInadeq_18 Dropped health insurance coverage because choice of health care provider was inadequate

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Gap related to inadequacy of provider options	77	.3	4.4	4.4
	2.00 Gap not related to provider options	1691	5.5	95.6	100.0
	Total	1768	5.8	100.0	
Missing	95.00 Insured continuously all year	28447	93.2		
	99.00 Missing	315	1.0		
	Total	28762	94.2		
Total		30530	100.0		

NoCovRenew_18 Child was not covered by insurance due to problems with application or renewal process

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Gap related to renewal or application process	395	1.3	22.3	22.3
	2.00 Gap not related to renewal or application process	1373	4.5	77.7	100.0
	Total	1768	5.8	100.0	
Missing	95.00 Insured continuously all year	28447	93.2		
	99.00 Missing	315	1.0		
	Total	28762	94.2		
Total		30530	100.0		

InsType_18 Indicator 3.3: Type of health insurance at time of survey

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Public health insurance only	6219	20.4	20.7	20.7
	2 Private health insurance only	21369	70.0	71.0	91.6
	3 Public and private insurance	1137	3.7	3.8	95.4
	4 Uninsured	1383	4.5	4.6	100.0
	Total	30108	98.6	100.0	
Missing	99 Missing	422	1.4		
Total		30530	100.0		

InsAdeq_18 Indicator 3.4: Adequacy of current insurance coverage

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Current insurance is adequate	20621	67.5	71.1	71.1
	2 Current insurance is not adequate	8388	27.5	28.9	100.0
	Total	29009	95.0	100.0	
Missing	95 Uninsured	1383	4.5		
	99 Missing to all questions	138	.5		
	Total	1521	5.0		
Total		30530	100.0		

benefits_18 Current insurance benefits meets child's health needs

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	18718	61.3	64.8	64.8
	2 Usually	8385	27.5	29.0	93.8
	3 Sometimes or never	1790	5.9	6.2	100.0
	Total	28893	94.6	100.0	
Missing	95 Uninsured	1383	4.5		
	99 Missing	254	.8		
	Total	1637	5.4		
Total		30530	100.0		

allows_18 Current insurance coverage allows child to see needed providers

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	22501	73.7	77.9	77.9
	2 Usually	5404	17.7	18.7	96.6
	3 Sometimes or never	980	3.2	3.4	100.0
	Total	28885	94.6	100.0	
Missing	95 Uninsured	1383	4.5		
	99 Missing	262	.9		
	Total	1645	5.4		
Total		30530	100.0		

expense_18 Current insurance out-of-pocket costs are reasonable

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No out of pocket expenses	6705	22.0	23.3	23.3
	1 Always	4886	16.0	17.0	40.3
	2 Usually	9480	31.1	32.9	73.2
	3 Sometimes or never	7712	25.3	26.8	100.0
	Total	28783	94.3	100.0	
Missing	95 Uninsured	1383	4.5		
	99 Missing	364	1.2		
	Total	1747	5.7		
Total		30530	100.0		

insurance_18 Indicator 3.4a: Adequate and continuous insurance

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Current insurance is adequate and continuously insured in past year	20352	66.7	66.9	66.9
	2 Current insurance is inadequate and/or had gap in insurance coverage in past year	10090	33.0	33.1	100.0
	Total	30442	99.7	100.0	
Missing	99 Missing to both	88	.3		
Total		30530	100.0		

InsMentH_18 Indicator 3.5: Adequacy of insurance coverage for mental/behavioral health care, age 3-17 years who are insured and received mental health care

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	2539	8.3	46.9	46.9
	2 Usually	1503	4.9	27.7	74.6
	3 Sometimes or never	1376	4.5	25.4	100.0
	Total	5418	17.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	96 Did not receive mental health services/Uninsured at time of the survey	20887	68.4		
	99 Missing	267	.9		
	Total	25112	82.3		
Total		30530	100.0		

OutOfPckt_18 Indicator 3.6: Out-of-pocket costs 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	15695	51.4	52.0	52.0
	2 \$250 - \$499	5158	16.9	17.1	69.1
	3 \$500 - \$999	4052	13.3	13.4	82.5
	4 \$1000 - \$5000	4524	14.8	15.0	97.5
	5 More than \$5000	768	2.5	2.5	100.0
	Total	30197	98.9	100.0	
Missing	99 Missing	333	1.1		
Total		30530	100.0		

SECTION 4: Health Care Access and Quality**MedCare_18 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	24113	79.0	79.1	79.1
	2 Did not receive any medical care	6381	20.9	20.9	100.0
	Total	30494	99.9	100.0	
Missing	99 Missing	36	.1		
Total		30530	100.0		

PrevMed_18 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	23047	75.5	75.8	75.8
	2 No preventive care visits	7340	24.0	24.2	100.0
	Total	30387	99.5	100.0	
Missing	99 Missing	143	.5		
Total		30530	100.0		

VisitTime_18 Indicator 4.1b: Time with doctor during last preventive check-up

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Less than 10 minutes	4245	13.9	18.5	18.5
	2.00 10-20 minutes	14745	48.3	64.1	82.6
	3.00 More than 20 minutes	4000	13.1	17.4	100.0
	Total	22990	75.3	100.0	
Missing	95.00 No preventive care visits during last 12 months	7340	24.0		
	99.00 Missing	200	.7		
	Total	7540	24.7		
Total		30530	100.0		

PrivateTalk_18 Indicator 4.1c: Children whose doctors spoke with them privately without an adult in the room during last medical care visit, age 12-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	5282	17.3	55.8	55.8
	2 No	4177	13.7	44.2	100.0
	Total	9459	31.0	100.0	
Missing	90 Children age 0-11 years	17943	58.8		
	95 Children who did not have medical care visit in the past 12 months	3018	9.9		
	99 Missing	110	.4		
	Total	21071	69.0		
Total		30530	100.0		

DentCare_18 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 a dentist	24438	80.0	82.9	82.9
	2 Saw other oral health care provider	614	2.0	2.1	84.9
	3 No dental or oral health care visits	4441	14.5	15.1	100.0
	Total	29493	96.6	100.0	
Missing	95 Children less than 1 year old	982	3.2		
	99 Missing	55	.2		
	Total	1037	3.4		
Total		30530	100.0		

PrevDent_18 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	24311	79.6	82.7	82.7
	2 No preventive dental visits	5094	16.7	17.3	100.0
	Total	29405	96.3	100.0	
Missing	95 Children less than 1 year old	982	3.2		
	99 Missing	143	.5		
	Total	1125	3.7		
Total		30530	100.0		

DentCheck_18 Children who had dental check up visits during the past 12 months, age 1-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Received dental check-up	22700	74.4	77.5	77.5
	2.00 Received preventive dental care, but not dental check-up	1506	4.9	5.1	82.6
	3.00 Did not receive preventive dental care	5094	16.7	17.4	100.0
	Total	29300	96.0	100.0	
Missing	95.00 Children age 0-1 year	982	3.2		
	99.00 Missing/Don't know	248	.8		
	Total	1230	4.0		
Total		30530	100.0		

DentCleaning_18 Children who had dental cleaning during the past 12 months, age 1-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Had dental cleaning	22493	73.7	76.8	76.8
	2.00 Received preventive dental care, but not dental cleaning	1714	5.6	5.8	82.6
	3.00 Did not receive preventive dental care	5094	16.7	17.4	100.0
	Total	29301	96.0	100.0	
Missing	95.00 Children age 0-1 year	982	3.2		
	99.00 Missing/Don't know	247	.8		
	Total	1229	4.0		
Total		30530	100.0		

DentInstruct_18 Children who had dental instruction during the past 12 months, age 1-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Received instruction on oral health care	13731	45.0	46.9	46.9
	2.00 Received preventive dental care, but not instruction on oral health care	10468	34.3	35.7	82.6
	3.00 Did not receive preventive dental care	5094	16.7	17.4	100.0
	Total	29293	95.9	100.0	
Missing	95.00 Children age 0-1 year	982	3.2		
	99.00 Missing/Don't know	255	.8		
	Total	1237	4.1		
Total		30530	100.0		

DentXray_18 Children who had dental X-ray during the past 12 months, age 1-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Had dental X-ray	14562	47.7	49.7	49.7
	2.00 Received preventive dental care, but not X-ray	9637	31.6	32.9	82.6
	3.00 Did not receive preventive dental care	5094	16.7	17.4	100.0
	Total	29293	95.9	100.0	
Missing	95.00 Children age 0-1 year	982	3.2		
	99.00 Missing/Don't know	255	.8		
	Total	1237	4.1		
Total		30530	100.0		

fluoride_18 Children who had fluoride treatment during the past 12 months, age 1-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Received fluoride treatment	14737	48.3	50.3	50.3
	2.00 Received preventive dental care, but not fluoride treatment	9463	31.0	32.3	82.6
	3.00 Did not receive preventive dental care	5094	16.7	17.4	100.0
	Total	29294	96.0	100.0	
Missing	95.00 Children age 0-1 year	982	3.2		
	99.00 Missing/Don't know	254	.8		
	Total	1236	4.0		
Total		30530	100.0		

sealant_18 Children who had sealant during the past 12 months, age 1-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Had dental sealant	5128	16.8	17.5	17.5
	2.00 Received preventive dental care, but not dental sealant	19068	62.5	65.1	82.6
	3.00 Did not receive preventive dental care	5094	16.7	17.4	100.0
	Total	29290	95.9	100.0	
Missing	95.00 Children age 0-1 year	982	3.2		
	99.00 Missing/Don't know	258	.8		
	Total	1240	4.1		
Total		30530	100.0		

MedDentCare_18 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	19511	63.9	64.5	64.5
	2 Did not receive preventive medical and dental care	10750	35.2	35.5	100.0
	Total	30261	99.1	100.0	
Missing	99 Missing to any	269	.9		
Total		30530	100.0		

MentHCare_18 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 Yes, received mental health care	3230	10.6	12.2	12.2
	2 No, but needed to see a mental health professional	531	1.7	2.0	14.2
	3 No, did not need to see a mental health professional	22686	74.3	85.8	100.0
	Total	26447	86.6	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	125	.4		
	Total	4083	13.4		
Total		30530	100.0		

MentHDiff_18 Indicator 4.4a: Difficulties obtaining mental health treatment or counseling 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 difficulty getting it	2252	7.4	61.3	61.3
	2 Received or needed mental health care but it was somewhat difficult to get it	908	3.0	24.7	86.1
	3 Received or needed mental health care but it was very difficult to get it	404	1.3	11.0	97.1
	4 It was not possible to obtain care	108	.4	2.9	100.0
	Total	3672	12.0	100.0	
Missing	95 Did not need to see a mental health professional	22686	74.3		
	96 Children age 0-2 years	3958	13.0		
	99 Missing	214	.7		
	Total	26858	88.0		
Total		30530	100.0		

SpecCare_18 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	4974	16.3	16.4	16.4
	2 No, but needed to see a specialist	418	1.4	1.4	17.8
	3 No, did not need to see a specialist	24910	81.6	82.2	100.0
	Total	30302	99.3	100.0	
Missing	99 Missing	228	.7		
Total		30530	100.0		

SpCareDiff_18 Indicator 4.5a: Difficulties 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 did have difficulty getting it	4207	13.8	79.9	79.9
	2 Received or needed specialist care but it was somewhat difficult to get it	820	2.7	15.6	95.5
	3 Received or needed specialist care but it was very difficult to get it	181	.6	3.4	99.0
	4 It was not possible to get needed specialist care	55	.2	1.0	100.0
	Total	5263	17.2	100.0	
Missing	95 Did not need care from a specialist	24910	81.6		
	99 Missing	357	1.2		
	Total	25267	82.8		
Total		30530	100.0		

VisnTest_18 Indicator 4.6: Children who received vision screening during the past 12 months

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received vision screening	20469	67.0	67.2	67.2
	2 Did not receive vision screening	9986	32.7	32.8	100.0
	Total	30455	99.8	100.0	
Missing	99 Missing	75	.2		
Total		30530	100.0		

EyeDoctor_18 Children who received vision screening at an eye specialist

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received vision screening at eye specialist	11469	37.6	37.7	37.7
	2 Received vision screening, but not at eye specialist	8927	29.2	29.4	67.1
	3 Did not receive vision screening	9986	32.7	32.9	100.0
	Total	30382	99.5	100.0	
Missing	99 Missing	148	.5		
Total		30530	100.0		

EyePedOffice_18 Children who received vision screening at pediatrician or general doctor

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received vision screening at pediatrician or general doctor	8036	26.3	26.4	26.4
	2 Received vision screening, but not at pediatrician or general doctor	12360	40.5	40.7	67.1
	3 Did not receive vision screening	9986	32.7	32.9	100.0
	Total	30382	99.5	100.0	
Missing	99 Missing	148	.5		
Total		30530	100.0		

EyeClinic_18 Children who received vision screening at a clinic or health center

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received vision screening at clinic	663	2.2	2.2	2.2
	2 Received vision screening, but not at clinic	19733	64.6	64.9	67.1
	3 Did not receive vision screening	9986	32.7	32.9	100.0
	Total	30382	99.5	100.0	
Missing	99 Missing	148	.5		
Total		30530	100.0		

EyeSchool_18 Children who received vision screening at school

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received vision screening at school	4257	13.9	14.0	14.0
	2 Received vision screening, but not at school	16139	52.9	53.1	67.1
	3 Did not receive vision screening	9986	32.7	32.9	100.0
	Total	30382	99.5	100.0	
Missing	99 Missing	148	.5		
Total		30530	100.0		

ERVisit_18 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 Never	25173	82.5	82.5	82.5
	2 1 time	4133	13.5	13.5	96.0
	3 2 or more times	1099	3.6	3.6	99.6
	99 Missing	125	.4	.4	100.0
	Total	30530	100.0	100.0	

HospitalStay_18 Indicator 4.7a: Children who were admitted to the hospital to stay at least one night

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	1100	3.6	3.6	3.6
	2.00 No	29323	96.0	96.0	99.6
	99.00 Missing	107	.4	.4	100.0
	Total	30530	100.0	100.0	

AlterHC_18 Indicator 4.8: Use of alternative health care or treatment during the past 12 months

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	2548	8.3	8.4	8.4
	2 No	27688	90.7	91.6	100.0
	Total	30236	99.0	100.0	
Missing	99 Missing	294	1.0		
Total		30530	100.0		

DrAskConc_18 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	1.00 Yes	2713	8.9	34.1	34.1
	2.00 No	5246	17.2	65.9	100.0
	Total	7959	26.1	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Did not use any of 4 services	592	1.9		
	99.00 Missing	25	.1		
	Total	22571	73.9		
Total		30530	100.0		

DevScrnng_18 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	1255	4.1	39.5	39.5
	2.00 Parent did not complete developmental screening	1919	6.3	60.5	100.0
	Total	3174	10.4	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-8 months or 3-5 years	5339	17.5		
	99.00 Missing	63	.2		
	Total	27356	89.6		
Total		30530	100.0		

SpecServ_18 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 special services	2194	7.2	7.3	7.3
	2 Do not currently receive special services	28007	91.7	92.7	100.0
	Total	30201	98.9	100.0	
Missing	99 Missing	329	1.1		
Total		30530	100.0		

SpSerAge_18 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	1319	4.3	27.2	27.2
	2 At age 3-5 years old	2012	6.6	41.5	68.7
	3 At age 6-17 years old	1518	5.0	31.3	100.0
	Total	4849	15.9	100.0	
Missing	0 Never received the services	25240	82.7		
	99 Missing	441	1.4		
	Total	25681	84.1		
Total		30530	100.0		

MedHome_18 Indicator 4.12: Children receiving coordinated, ongoing, comprehensive care within a medical home

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Care MEETS medical home criteria	16307	53.4	53.4	53.4
	2.00 Care DOES NOT meet medical home criteria	14202	46.5	46.6	100.0
	Total	30509	99.9	100.0	
Missing	99.00 Missing to all	21	.1		
Total		30530	100.0		

PerDrNs_18 Indicator 4.12a: Medical Home Component: Children with a personal doctor or nurse

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes, have at least one personal doctor or nurse	23273	76.2	76.6	76.6
	2 Do not have a personal doctor or nurse	7110	23.3	23.4	100.0
	Total	30383	99.5	100.0	
Missing	99 Missing	147	.5		
Total		30530	100.0		

UsualSck_18 Usual sources for sick care

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Have usual sources for sick care	24633	80.7	81.6	81.6
	2.00 Do not have usual sources for sick care	5571	18.2	18.4	100.0
	Total	30204	98.9	100.0	
Missing	99.00 Missing	326	1.1		
Total		30530	100.0		

FamCent_18 Indicator 4.12c: Medical Home Component: Family-centered care

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00 Did not have health care visit in the past 12 months	6381	20.9	21.1	21.1
	1.00 Received family-centered care	21325	69.8	70.6	91.7
	2.00 Did not receive family-centered care	2501	8.2	8.3	100.0
	Total	30207	98.9	100.0	
Missing	99.00 Missing to all	323	1.1		
Total		30530	100.0		

time_18 Doctors spent enough time with children

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00 Did not have a health care visit in the past 12 months	6381	20.9	21.1	21.1
	1.00 Always	15465	50.7	51.2	72.4
	2.00 Usually	6808	22.3	22.6	94.9
	3.00 Sometimes or never	1524	5.0	5.1	100.0
	Total	30178	98.8	100.0	
Missing	99.00 Missing	352	1.2		
Total		30530	100.0		

listen_18 Doctors listened carefully to children's parents

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00 Did not have a health care visit in the past 12 months	6381	20.9	21.2	21.2
	1.00 Always	17290	56.6	57.4	78.6
	2.00 Usually	5510	18.0	18.3	96.9
	3.00 Sometimes or never	946	3.1	3.1	100.0
	Total	30127	98.7	100.0	
Missing	99.00 Missing	403	1.3		
Total		30530	100.0		

sensitiv_18 Doctors showed sensitivity to children's family's values and customs

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00 Did not have a health care visit in the past 12 months	6381	20.9	21.2	21.2
	1.00 Always	18114	59.3	60.2	81.4
	2.00 Usually	4679	15.3	15.5	96.9
	3.00 Sometimes or never	936	3.1	3.1	100.0
	Total	30110	98.6	100.0	
Missing	99.00 Missing	420	1.4		
Total		30530	100.0		

info_18 Doctors provided information specific to parents' concerns

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00 Did not have a health care visit in the past 12 months	6381	20.9	21.2	21.2
	1.00 Always	17751	58.1	58.9	80.1
	2.00 Usually	5154	16.9	17.1	97.3
	3.00 Sometimes or never	827	2.7	2.7	100.0
	Total	30113	98.6	100.0	
Missing	99.00 Missing	417	1.4		
Total		30530	100.0		

partner_18 Doctors helped parents to feel like partners in child's care

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00 Did not have a health care visit in the past 12 months	6381	20.9	21.2	21.2
	1.00 Always	17762	58.2	59.1	80.3
	2.00 Usually	4793	15.7	15.9	96.2
	3.00 Sometimes or never	1141	3.7	3.8	100.0
	Total	30077	98.5	100.0	
Missing	99.00 Missing	453	1.5		
Total		30530	100.0		

NoRefPrb_18 Indicator 4.12d: Medical Home Component: Difficulties getting needed referrals, all children

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00 Did not need referrals during the past 12 months	24726	81.0	81.4	81.4
	1.00 Did not have difficulty getting referral, when needed	4778	15.7	15.7	97.2
	2.00 Somewhat difficult to get referrals, when needed	679	2.2	2.2	99.4
	3.00 Very difficult to get referrals, when needed	142	.5	.5	99.9
	4.00 It was not possible to get a referral, when needed	38	.1	.1	100.0
	Total	30363	99.5	100.0	
Missing	99.00 Missing	167	.5		
Total		30530	100.0		

CareCoor_18 Indicator 4.12e: Medical Home Component: Effective care coordination, all children

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00 Did not need coordinated care or had less than 2 services during the past 12 months	14885	48.8	49.2	49.2
	1.00 Received all needed components of care coordination	10928	35.8	36.1	85.3
	2.00 Did not receive one or more elements of coordination	4462	14.6	14.7	100.0
	Total	30275	99.2	100.0	
Missing	99.00 Missing to all	255	.8		
Total		30530	100.0		

HelpCoord_18 Family got help with coordinating child's health care in the past 12 months, among those who needed

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	3795	12.4	25.5	25.5
	2 No	11077	36.3	74.5	100.0
	Total	14872	48.7	100.0	
Missing	95 Did not see more than one health care provider in past 12 months	15312	50.2		
	99 Missing	346	1.1		
	Total	15658	51.3		
Total		30530	100.0		

ExtraHelp_18 Family needed extra help to coordinate child's health care

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	1242	4.1	8.4	8.4
	2 No	13630	44.6	91.6	100.0
	Total	14872	48.7	100.0	
Missing	95 Did not see more than one health care provider in past 12 months	15312	50.2		
	99 Missing	346	1.1		
	Total	15658	51.3		
Total		30530	100.0		

CareHelp_18 Got all needed extra help with care coordination when needed

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00 Did not see more than one health care provider or did not get or need extra help	25667	84.1	84.1	84.1
	1.00 Got help with care coor and/or extra help when needed	3540	11.6	11.6	95.7
	2.00 Needed extra help/did not get it	901	3.0	3.0	98.6
	99.00 Missing	422	1.4	1.4	100.0
	Total	30530	100.0	100.0	

DrComm_18 “Satisfaction with communication among child’s doctor and other health care provider”

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00 Did not see more than one health care provider	15312	50.2	50.2	50.2
	1.00 Very satisfied	10701	35.1	35.1	85.2
	2.00 Somewhat satisfied	3482	11.4	11.4	96.6
	3.00 Somewhat dissatisfied/Very dissatisfied	637	2.1	2.1	98.7
	99.00 Missing	398	1.3	1.3	100.0
Total		30530	100.0	100.0	

OtherComm_18 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	2638	8.6	11.1	11.1
	2 Doctors did not communicate with school etc. or No communication needed	21217	69.5	88.9	100.0
	Total	23855	78.1	100.0	
Missing	95 Did not have any health care visit in past 12 months	6381	20.9		
	99 Missing	294	1.0		
	Total	6675	21.9		
Total		30530	100.0		

SatOthComm_18 Satisfaction with communication of child's doctors with his/her school, etc

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very satisfied	2046	6.7	78.1	78.1
	2 Less than very satisfied	573	1.9	21.9	100.0
	Total	2619	8.6	100.0	
Missing	95 Did not have any health care visit in past 12 months	6381	20.9		
	96 Doctors did not communicate with child's school, etc or No communication needed	21217	69.5		
	99 Missing	313	1.0		
	Total	27911	91.4		
Total		30530	100.0		

ShareDec_18 Indicator 4.14: Children whose families are partners in shared decision-making regarding their child's healthcare 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	22384	73.3	74.1	74.1
	1 Families usually or always feel that they are partners in decision making	6965	22.8	23.1	97.2
	2 Families never/sometimes feel that they are partners in decision making	850	2.8	2.8	100.0
	Total	30199	98.9	100.0	
Missing	99 Missing	331	1.1		
Total		30530	100.0		

DiscussOpt_18 Doctors discussed range of health care/treatment options

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	5709	18.7	73.2	73.2
	2 Usually	1539	5.0	19.7	92.9
	3 Never/Sometimes	550	1.8	7.1	100.0
	Total	7798	25.5	100.0	
Missing	0 No decisions needed	16003	52.4		
	95 Did not have a health care visit	6381	20.9		
	99 Missing	348	1.1		
	Total	22732	74.5		
Total		30530	100.0		

RaiseConc_18 Doctors made it easy for parents to raise concerns or disagree with recommendations

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	5538	18.1	71.2	71.2
	2 Usually	1654	5.4	21.3	92.4
	3 Never/Sometimes	591	1.9	7.6	100.0
	Total	7783	25.5	100.0	
Missing	0 No decisions needed	16003	52.4		
	95 Did not have a health care visit	6381	20.9		
	99 Missing	363	1.2		
	Total	22747	74.5		
Total		30530	100.0		

BestChoice_18 Doctors worked with parents to decide together health care/treatment options

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	5784	18.9	74.2	74.2
	2 Usually	1536	5.0	19.7	93.9
	3 Never/Sometimes	479	1.6	6.1	100.0
	Total	7799	25.5	100.0	
Missing	0 No decisions needed	16003	52.4		
	95 Did not have a health care visit	6381	20.9		
	99 Missing	347	1.1		
	Total	22731	74.5		
Total		30530	100.0		

Transition_18 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	2557	8.4	20.4	20.4
	2 Did not receive services necessary for transition to adult health care	9994	32.7	79.6	100.0
	Total	12551	41.1	100.0	
Missing	90 Children age 0-11 years	17943	58.8		
	99 Missing to all	36	.1		
	Total	17979	58.9		
Total		30530	100.0		

TimeAlone_18 Children who had time alone with health care provider at last medical care visit, age 12-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Had time alone with provider	5282	17.3	42.3	42.3
	2 Did not have time alone with provider/Did not have medical care visit in the past 12 months	7195	23.6	57.7	100.0
	Total	12477	40.9	100.0	
Missing	90 Children age 0-11 years	17943	58.8		
	99 Missing	110	.4		
	Total	18053	59.1		
Total		30530	100.0		

ActiveWork_18 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	7626	25.0	68.7	68.7
	2 Did not met criteria	3471	11.4	31.3	100.0
	Total	11097	36.3	100.0	
Missing	90 Children age 0-11 years	17943	58.8		
	99 Missing/Don't know	1490	4.9		
	Total	19433	63.7		
Total		30530	100.0		

GainSkill_18 Doctor worked with child to gain skills to manage health: understanding current health needs, knowing what to do in a medical emergency, or taking medications he or she may need

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	7293	23.9	58.8	58.8
	2.00 No	3137	10.3	25.3	84.0
	3.00 Don't know	1981	6.5	16.0	100.0
	Total	12411	40.7	100.0	
Missing	90.00 Children 0-11 years of age	17943	58.8		
	99.00 Missing	176	.6		
	Total	18119	59.3		
Total		30530	100.0		

ChngeAge_18 Doctor worked with child to understand health care changes: understanding changes in privacy, consent, access to information, or decision-making

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	3947	12.9	31.8	31.8
	2.00 No	5808	19.0	46.8	78.6
	3.00 Don't Know	2661	8.7	21.4	100.0
	Total	12416	40.7	100.0	
Missing	90.00 Children age 0-11 years	17943	58.8		
	99.00 Missing	171	.6		
	Total	18114	59.3		
Total		30530	100.0		

TrtAdult_18 Provider discussed shift to adult health care providers if needed, age 12-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	1823	6.0	25.7	25.7
	2 No	5280	17.3	74.3	100.0
	Total	7103	23.3	100.0	
Missing	90 Children age 0-11 years	17943	58.8		
	95 Discussion not needed or sees provider who can transition	5213	17.1		
	99 Missing	271	.9		
	Total	23427	76.7		
Total		30530	100.0		

PosChoice_18 Doctor worked with child to make positive choices: by eating healthy, getting regular exercise, not using tobacco, alcohol or other drugs, or delaying sexual activity

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	8716	28.5	70.0	70.0
	2.00 No	2383	7.8	19.1	89.2
	3.00 Don't know	1350	4.4	10.8	100.0
	Total	12449	40.8	100.0	
Missing	90.00 Children 0-11 years of age	17943	58.8		
	99.00 Missing	138	.5		
	Total	18081	59.2		
Total		30530	100.0		

MedHistory_18 Received a summary of the child's medical history, age 12-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes, received a summary of child's medical history	9112	29.8	73.2	73.2
	2.00 No, did not receive a summary of child's medical history	3332	10.9	26.8	100.0
	Total	12444	40.8	100.0	
Missing	90.00 Children age 0-11 years	17943	58.8		
	99.00 Missing	143	.5		
	Total	18086	59.2		
Total		30530	100.0		

PlanCare_18 Doctors worked with the child and his/her caregiver to create a plan of care to meet the child's health goals and needs, age 12-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Child has a plan of care	3409	11.2	27.4	27.4
	2.00 Child does not have plan of care	9016	29.5	72.6	100.0
	Total	12425	40.7	100.0	
Missing	90.00 Children age 0-11 years	17943	58.8		
	99.00 Missing	162	.5		
	Total	18105	59.3		
Total		30530	100.0		

PlanAccess_18 Child has access to plan of care to meet her/his specific health care needs

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes, the child has access to his/her care plan	3198	10.5	95.2	95.2
	2.00 No, child does not have access to his/her care plan	163	.5	4.8	100.0
	Total	3361	11.0	100.0	
Missing	90.00 Children age 0-11 years	17943	58.8		
	95.00 Does not have a plan of care or no valid response to WRITEPLAN	9016	29.5		
	99.00 Missing	210	.7		
	Total	27169	89.0		
Total		30530	100.0		

PlanNeeds_18 The child's plan of care address transition to doctors and other health care providers who treat adults, age 12-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	1088	3.6	32.4	32.4
	2.00 No	1484	4.9	44.3	76.7
	3.00 No, this child already sees providers who treat adults	781	2.6	23.3	100.0
	Total	3353	11.0	100.0	
Missing	90.00 Children age 0-11 years	17943	58.8		
	95.00 Does not have a plan of care or no valid response to WRITEPLAN	9016	29.5		
	99.00 Missing	218	.7		
	Total	27177	89.0		
Total		30530	100.0		

InsNeeds_18 Children whose family know how their child will be insured or someone discussed with them about insurance coverage as the child becomes an adult

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Know how child will be insured or have discussed	7693	25.2	62.2	62.2
	2.00 Do not know and have not discussed	4676	15.3	37.8	100.0
	Total	12369	40.5	100.0	
Missing	90.00 Children 0-11 years of age	17943	58.8		
	99.00 Missing	218	.7		
	Total	18161	59.5		
Total		30530	100.0		

SystCare2_18 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	5686	18.6	18.6	18.6
	2.00 Did not receive care in a well-functioning system	24840	81.4	81.4	100.0
	Total	30526	100.0	100.0	
Missing	99.00 Missing	4	.0		
Total		30530	100.0		

sys0to11care2_18 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	4724	15.5	26.3	26.3
	2.00 Did not receive care in a well-functioning system	13216	43.3	73.7	100.0
	Total	17940	58.8	100.0	
Missing	95.00 Children age 12-17 years	12587	41.2		
	99.00 Missing	3	.0		
	Total	12590	41.2		
Total		30530	100.0		

sys12to17care2_18 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	962	3.2	7.6	7.6
	2.00 Did not receive care in a well-functioning system	11624	38.1	92.4	100.0
	Total	12586	41.2	100.0	
Missing	95.00 Children age 0-11 years	17943	58.8		
	99.00 Missing	1	.0		
	Total	17944	58.8		
Total		30530	100.0		

ForgoneCare_18 Children who needed health care but it was not received

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Did not receive needed health care	824	2.7	2.7	2.7
	2.00 Received needed health care (or did not need health care)	29603	97.0	97.3	100.0
	Total	30427	99.7	100.0	
Missing	99.00 Missing	103	.3		
	Total	30530	100.0		

ForgoneMed_18 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	249	.8	.8	.8
	2 Received needed medical care (or did not need medical care)	30163	98.8	99.2	100.0
	Total	30412	99.6	100.0	
Missing	99 Missing	118	.4		
	Total	30530	100.0		

ForgoneDent_18 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	373	1.2	1.3	1.3
	2 Received needed dental care (or did not need dental care)	29062	95.2	98.7	100.0
	Total	29435	96.4	100.0	
Missing	95 Children age less than 1 year old	982	3.2		
	99 Missing	113	.4		
	Total	1095	3.6		
Total		30530	100.0		

ForgoneVis_18 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	142	.5	.5	.5
	2 Received needed vision care (or did not need vision care)	30270	99.1	99.5	100.0
	Total	30412	99.6	100.0	
Missing	99 Missing	118	.4		
Total		30530	100.0		

ForgoneHear_18 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	41	.1	.1	.1
	2 Received needed hearing care (or did not need hearing care)	30371	99.5	99.9	100.0
	Total	30412	99.6	100.0	
Missing	99 Missing	118	.4		
Total		30530	100.0		

ForgoneMH_18 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	275	.9	1.0	1.0
	2 Received needed mental health care (or did not need mental health care)	26192	85.8	99.0	100.0
	Total	26467	86.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	105	.3		
	Total	4063	13.3		
Total		30530	100.0		

ForgoneOther_18 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	87	.3	.3	.3
	2 Received needed other health care (or did not need other health care)	30325	99.3	99.7	100.0
	Total	30412	99.6	100.0	
Missing	99 Missing	118	.4		
Total		30530	100.0		

ineligible_18 Did not receive needed health care because the child was not eligible

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Experienced this difficulty	194	.6	23.9	23.9
	2.00 Did not experience this difficulty	618	2.0	76.1	100.0
	Total	812	2.7	100.0	
Missing	95.00 Received needed health care (or did not need health care)	29603	97.0		
	99.00 Missing	115	.4		
	Total	29718	97.3		
Total		30530	100.0		

unavailable_18 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	1.00 Experienced this difficulty	176	.6	21.7	21.7
	2.00 Did not experience this difficulty	636	2.1	78.3	100.0
	Total	812	2.7	100.0	
Missing	95.00 Received needed health care (or did not need health care)	29603	97.0		
	99.00 Missing	115	.4		
	Total	29718	97.3		
Total		30530	100.0		

appointment_18 Did not receive needed health care because there were problems getting an appointment

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Experienced this difficulty	312	1.0	38.4	38.4
	2.00 Did not experience this difficulty	500	1.6	61.6	100.0
	Total	812	2.7	100.0	
Missing	95.00 Received needed health care (or did not need health care)	29603	97.0		
	99.00 Missing	115	.4		
	Total	29718	97.3		
Total		30530	100.0		

transport_18 Did not receive needed health care because there were problems with getting transportation or child care

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Experienced this difficulty	101	.3	12.4	12.4
	2.00 Did not experience this difficulty	711	2.3	87.6	100.0
	Total	812	2.7	100.0	
Missing	95.00 Received needed health care (or did not need health care)	29603	97.0		
	99.00 Missing	115	.4		
	Total	29718	97.3		
Total		30530	100.0		

NotOpen_18 Did not receive needed health care because the clinic or doctor's office was not open when the child needs care

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Experienced this difficulty	91	.3	11.2	11.2
	2.00 Did not experience this difficulty	721	2.4	88.8	100.0
	Total	812	2.7	100.0	
Missing	95.00 Received needed health care (or did not need health care)	29603	97.0		
	99.00 Missing	115	.4		
	Total	29718	97.3		
Total		30530	100.0		

CostIssue_18 Did not receive needed health care due to issues related to cost

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Experienced this difficulty	494	1.6	60.8	60.8
	2.00 Did not experience this difficulty	318	1.0	39.2	100.0
	Total	812	2.7	100.0	
Missing	95.00 Received needed health care (or did not need health care)	29603	97.0		
	99.00 Missing	115	.4		
	Total	29718	97.3		
Total		30530	100.0		

MedBills_18 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	7245	23.7	24.0	24.0
	1 Had problems paying medical bills	3271	10.7	10.8	34.8
	2 Did not have problems paying medical bills	19705	64.5	65.2	100.0
	Total	30221	99.0	100.0	
Missing	99 Missing	309	1.0		
Total		30530	100.0		

frustrated_18 Indicator 4.20: Family often frustrated in efforts to get services for their children during the past 12 months

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never frustrated	25564	83.7	84.2	84.2
	2 Sometimes frustrated	4137	13.6	13.6	97.8
	3 Usually/always frustrated	660	2.2	2.2	100.0
	Total	30361	99.4	100.0	
Missing	99 Missing	169	.6		
Total		30530	100.0		

SECTION 5: Community and School Activities**SpEducPln_18 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	2707	8.9	9.2	9.2
	2 No	26688	87.4	90.8	100.0
	Total	29395	96.3	100.0	
Missing	95 Children under 1 year old	982	3.2		
	99 Missing	153	.5		
	Total	1135	3.7		
Total		30530	100.0		

SpEdAge_18 Indicator 5.1a: Age started special education or early intervention plan, age 1-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 At age less than 3 years old	748	2.5	18.0	18.0
	2 At age 3-5 years old	1514	5.0	36.5	54.5
	3 At age 6-17 years old	1885	6.2	45.5	100.0
	Total	4147	13.6	100.0	
Missing	0 Never received the services	25169	82.4		
	95 Children less than 1 year old	982	3.2		
	99 Missing	232	.8		
	Total	26383	86.4		
Total		30530	100.0		

SchlEngage_18 Indicator 5.2: School engagement, age 6-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always to both items	10378	34.0	47.6	47.6
	2 Always or usually to one item or usually to both	8074	26.4	37.1	84.7
	3 Sometimes or never to both or any item	3335	10.9	15.3	100.0
	Total	21787	71.4	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	167	.5		
	Total	8743	28.6		
	Total	30530	100.0		

cares_18 Children who care about doing well in school, age 6-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	12739	41.7	58.7	58.7
	2 Usually	6499	21.3	29.9	88.6
	3 Sometimes	2177	7.1	10.0	98.7
	4 Never	287	.9	1.3	100.0
	Total	21702	71.1	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	252	.8		
	Total	8828	28.9		
	Total	30530	100.0		

homework_18 Children who do all required homework, age 6-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	12658	41.5	58.4	58.4
	2 Usually	6591	21.6	30.4	88.7
	3 Sometimes	2152	7.0	9.9	98.7
	4 Never	291	1.0	1.3	100.0
	Total	21692	71.1	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	262	.9		
	Total	8838	28.9		
Total		30530	100.0		

ReptGrade_18 Indicator 5.3: Children repeated any grades since starting kindergarten, age 6-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
2 No	20471	67.1	94.3	100.0	
Total	21699	71.1	100.0		
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	255	.8		
	Total	8831	28.9		
Total		30530	100.0		

SchlMiss_18 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	5557	18.2	25.7	25.7
	2 1 - 3 days	9904	32.4	45.8	71.4
	3 4 - 6 days	3675	12.0	17.0	88.4
	4 7 - 10 days	1512	5.0	7.0	95.4
	5 11 or more days	995	3.3	4.6	100.0
	Total	21643	70.9	100.0	
Missing	6 This child was not enrolled in school	90	.3		
	90 Children age 0-5 years	8576	28.1		
	99 Missing	221	.7		
	Total	8887	29.1		
Total		30530	100.0		

AftSchAct_18 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	18491	60.6	85.0	85.0
	2 Do not participate in extracurricular activities	3253	10.7	15.0	100.0
	Total	21744	71.2	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing to all	210	.7		
	Total	8786	28.8		
Total		30530	100.0		

sports_18 Participation in sports teams or sports lessons after school or on weekends

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Participated in activity	13583	44.5	62.9	62.9
	2 Did not participate	8020	26.3	37.1	100.0
	Total	21603	70.8	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	351	1.1		
	Total	8927	29.2		
Total		30530	100.0		

clubs_18 Participation in clubs or organizations after school or on weekends

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Participated in activity	12533	41.1	58.4	58.4
	2 Did not participate	8917	29.2	41.6	100.0
	Total	21450	70.3	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	504	1.7		
	Total	9080	29.7		
Total		30530	100.0		

lessons_18 Participation in any other organized activities or lessons, such as music, dance, language or other arts

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Participated in activity	10978	36.0	51.3	51.3
	2 Did not participate	10422	34.1	48.7	100.0
	Total	21400	70.1	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	554	1.8		
	Total	9130	29.9		
Total		30530	100.0		

EventPart_18 Indicator 5.6: Parents participate in child's event or activities, age 6-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	13929	45.6	64.2	64.2
	2 Usually	5868	19.2	27.0	91.2
	3 Sometimes	1200	3.9	5.5	96.8
	4 Rarely or never	703	2.3	3.2	100.0
	Total	21700	71.1	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	254	.8		
	Total	8830	28.9		
Total		30530	100.0		

volunteer_18 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	10978	36.0	51.1	51.1
	2 No	10494	34.4	48.9	100.0
	Total	21472	70.3	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	482	1.6		
	Total	9058	29.7		
Total		30530	100.0		

workpay_18 Indicator 5.8: Work for pay outside home, 12-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Worked for pay	5891	19.3	47.7	47.7
	2 Did not work for pay	6453	21.1	52.3	100.0
	Total	12344	40.4	100.0	
Missing	90 Children age 0-11 years	17943	58.8		
	99 Missing	243	.8		
	Total	18186	59.6		
Total		30530	100.0		

mentor_18 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	19853	65.0	92.9	92.9
	2 No	1516	5.0	7.1	100.0
	Total	21369	70.0	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	585	1.9		
	Total	9161	30.0		
Total		30530	100.0		

LearnThings_18 Parental concern about child's learning to do things for him or herself, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes somewhat concerned	262	.9	5.8	5.8
	2.00 Yes, very concerned	76	.2	1.7	7.5
	3.00 No	4160	13.6	92.5	100.0
	Total	4498	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	120	.4		
	Total	26032	85.3		
Total		30530	100.0		

confident_18 Parent's confidence level for child's readiness to be in school, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Completely confident	3435	11.3	76.3	76.3
	2.00 Mostly confident	762	2.5	16.9	93.3
	3.00 Somewhat confident	235	.8	5.2	98.5
	4.00 Not at all confident	68	.2	1.5	100.0
	Total	4500	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	118	.4		
	Total	26030	85.3		
Total		30530	100.0		

RecogBegin_18 Ability to recognize beginning sound of a word, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	2053	6.7	45.6	45.6
	2.00 Most of the time	1475	4.8	32.8	78.4
	3.00 About half the time	325	1.1	7.2	85.7
	4.00 Sometimes	435	1.4	9.7	95.3
	5.00 Never	210	.7	4.7	100.0
	Total	4498	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	120	.4		
	Total	26032	85.3		
Total		30530	100.0		

RecogLetter_18 Recognize letters of alphabet, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 All of them	2289	7.5	50.9	50.9
	2.00 Most of them	962	3.2	21.4	72.3
	3.00 About half of them	370	1.2	8.2	80.6
	4.00 Some of them	709	2.3	15.8	96.4
	5.00 None of them	164	.5	3.6	100.0
	Total	4494	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	124	.4		
	Total	26036	85.3		
Total		30530	100.0		

RhymeWord_18 Ability to rhyme words, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	3204	10.5	71.3	71.3
	2.00 No	1288	4.2	28.7	100.0
	Total	4492	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	126	.4		
	Total	26038	85.3		
Total		30530	100.0		

ClearExp_18 Ability to explain things child has seen or done, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	2267	7.4	50.4	50.4
	2.00 Most of the time	1777	5.8	39.5	89.9
	3.00 About half the time	221	.7	4.9	94.8
	4.00 Sometimes	143	.5	3.2	98.0
	5.00 Never	89	.3	2.0	100.0
	Total	4497	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	121	.4		
	Total	26033	85.3		
Total		30530	100.0		

WriteName_18 Ability to write his/her first name, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	2067	6.8	46.0	46.0
	2.00 Most of the time	472	1.5	10.5	56.6
	3.00 About half the time	184	.6	4.1	60.7
	4.00 Sometimes	510	1.7	11.4	72.0
	5.00 Never	1256	4.1	28.0	100.0
	Total	4489	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	129	.4		
	Total	26041	85.3		
Total		30530	100.0		

CountTo_18 Child can count how high, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Not at all or can count up to five	232	.8	5.2	5.2
	2.00 Up to ten	849	2.8	18.9	24.0
	3.00 Up to 20	1888	6.2	41.9	65.9
	4.00 Up to 50	591	1.9	13.1	79.1
	5.00 Up to 100 or more	942	3.1	20.9	100.0
	Total	4502	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	116	.4		
	Total	26028	85.3		
Total		30530	100.0		

RecogShapes_18 Child recognizes basic shapes, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	3338	10.9	74.3	74.3
	2.00 Most of the time	775	2.5	17.3	91.6
	3.00 About half the time	147	.5	3.3	94.9
	4.00 Sometimes	161	.5	3.6	98.4
	5.00 Never	70	.2	1.6	100.0
	Total	4491	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	127	.4		
	Total	26039	85.3		
Total		30530	100.0		

distracted_18 Child often easily distracted, 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	120	.4	2.7	2.7
	2.00 Most of the time	411	1.3	9.2	11.8
	3.00 About half the time	941	3.1	21.0	32.8
	4.00 Sometimes	2800	9.2	62.3	95.1
	5.00 Never	219	.7	4.9	100.0
	Total	4491	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	127	.4		
	Total	26039	85.3		
Total		30530	100.0		

WorkToFin_18 Children often keeps working at something until he or she is finished, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	454	1.5	10.1	10.1
	2.00 Most of the time	2545	8.3	56.6	66.6
	3.00 About half the time	978	3.2	21.7	88.4
	4.00 Sometimes	461	1.5	10.2	98.6
	5.00 Never	62	.2	1.4	100.0
	Total	4500	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	118	.4		
	Total	26030	85.3		
Total		30530	100.0		

SimpleInst_18 Child often can follow instructions to complete a simple task, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	2051	6.7	45.7	45.7
	2.00 Most of the time	2032	6.7	45.2	90.9
	3.00 About half the time	253	.8	5.6	96.5
	4.00 Sometimes	139	.5	3.1	99.6
	5.00 Never	17	.1	.4	100.0
	Total	4492	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	126	.4		
	Total	26038	85.3		
Total		30530	100.0		

UsePencil_18 How child holds pencil, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Uses fingers to hold the pencil	3480	11.4	77.6	77.6
	2.00 Grips the pencil in his or her fist	946	3.1	21.1	98.7
	3.00 This child cannot hold a pencil	57	.2	1.3	100.0
	Total	4483	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	135	.4		
	Total	26047	85.3		
Total		30530	100.0		

PlayWell_18 Child plays well with others, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	1739	5.7	38.7	38.7
	2.00 Most of the time	2440	8.0	54.3	93.1
	3.00 About half the time	203	.7	4.5	97.6
	4.00 Sometimes	98	.3	2.2	99.8
	5.00 Never	10	.0	.2	100.0
	Total	4490	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	128	.4		
	Total	26040	85.3		
Total		30530	100.0		

NewActivity_18 Child becomes angry or anxious when going from one activity to another, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	40	.1	.9	.9
	2.00 Most of the time	95	.3	2.1	3.0
	3.00 About half the time	295	1.0	6.6	9.6
	4.00 Sometimes	2474	8.1	55.1	64.7
	5.00 Never	1587	5.2	35.3	100.0
	Total	4491	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	127	.4		
	Total	26039	85.3		
Total		30530	100.0		

HurtSad_18 Child shows concern when others are hurt or unhappy, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	1808	5.9	40.2	40.2
	2.00 Most of the time	2076	6.8	46.2	86.4
	3.00 About half the time	314	1.0	7.0	93.4
	4.00 Sometimes	256	.8	5.7	99.1
	5.00 Never	40	.1	.9	100.0
	Total	4494	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	124	.4		
	Total	26036	85.3		
Total		30530	100.0		

CalmDown_18 Child can calm down when excited or all wound up, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	555	1.8	12.4	12.4
	2.00 Most of the time	2483	8.1	55.3	67.6
	3.00 About half the time	947	3.1	21.1	88.7
	4.00 Sometimes	460	1.5	10.2	99.0
	5.00 Never	47	.2	1.0	100.0
	Total	4492	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	126	.4		
	Total	26038	85.3		
Total		30530	100.0		

temper_18 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	1.00 Always	95	.3	2.1	2.1
	2.00 Most of the time	397	1.3	8.8	11.0
	3.00 About half the time	840	2.8	18.7	29.7
	4.00 Sometimes	2741	9.0	61.1	90.8
	5.00 Never	414	1.4	9.2	100.0
	Total	4487	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	131	.4		
	Total	26043	85.3		
Total		30530	100.0		

MakeFr3to5_18 Child has difficulty making and keeping friends

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 No difficulty	3894	12.8	86.8	86.8
	2.00 A little difficulty	511	1.7	11.4	98.2
	3.00 A lot of difficulty	81	.3	1.8	100.0
	Total	4486	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 No valid response	132	.4		
	Total	26044	85.3		
Total		30530	100.0		

SitStill1_18 Child often able to sit still, age 3-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Always	765	2.5	17.0	17.0
	2.00 Most of the time	2501	8.2	55.7	72.7
	3.00 About half the time	776	2.5	17.3	90.0
	4.00 Sometimes	399	1.3	8.9	98.8
	5.00 Never	52	.2	1.2	100.0
	Total	4493	14.7	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age 0-2 years	3958	13.0		
	99.00 Missing	125	.4		
	Total	26037	85.3		
Total		30530	100.0		

OneWord_18 Child is able to say at least one word, such as 'hi' or 'dog'

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	7318	24.0	98.1	98.1
	2.00 No	142	.5	1.9	100.0
	Total	7460	24.4	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age <1 year	982	3.2		
	99.00 No valid response	134	.4		
	Total	23070	75.6		
Total		30530	100.0		

TwoWords_18 Child is able to use 2 words together, such as 'car go'

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	6767	22.2	90.7	90.7
	2.00 No	693	2.3	9.3	100.0
	Total	7460	24.4	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age <1 year	982	3.2		
	99.00 No valid response	134	.4		
	Total	23070	75.6		
Total		30530	100.0		

ThreeWords_18 Child is able to use 3 words together in a sentence, such as, 'Mommy come now.'

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	6221	20.4	83.4	83.4
	2.00 No	1239	4.1	16.6	100.0
	Total	7460	24.4	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age <1 year	982	3.2		
	99.00 No valid response	134	.4		
	Total	23070	75.6		
Total		30530	100.0		

AskQuest1_18 Child is able to ask questions like 'who,' 'what,' 'when,' 'where'

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	6106	20.0	81.8	81.8
	2.00 No	1354	4.4	18.2	100.0
	Total	7460	24.4	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age <1 year	982	3.2		
	99.00 No valid response	134	.4		
	Total	23070	75.6		
Total		30530	100.0		

AskQuest2_18 Child is able to ask questions like 'why,' 'how'

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	5651	18.5	75.8	75.8
	2.00 No	1809	5.9	24.2	100.0
	Total	7460	24.4	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age <1 year	982	3.2		
	99.00 No valid response	134	.4		
	Total	23070	75.6		
Total		30530	100.0		

TellStory_18 Child is able to tell a story with a beginning, middle, and end

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	4751	15.6	63.7	63.7
	2.00 No	2709	8.9	36.3	100.0
	Total	7460	24.4	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age <1 year	982	3.2		
	99.00 No valid response	134	.4		
	Total	23070	75.6		
Total		30530	100.0		

understand_18 Child is able to understand the meaning of the word 'no'

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	7282	23.9	97.6	97.6
	2.00 No	178	.6	2.4	100.0
	Total	7460	24.4	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age <1 year	982	3.2		
	99.00 No valid response	134	.4		
	Total	23070	75.6		
Total		30530	100.0		

directions_18 Child is able to follow a verbal direction without hand gestures, such as 'Wash your hands.'

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	7087	23.2	95.0	95.0
	2.00 No	373	1.2	5.0	100.0
	Total	7460	24.4	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age <1 year	982	3.2		
	99.00 No valid response	134	.4		
	Total	23070	75.6		
Total		30530	100.0		

point_18 Child is able to point to things in a book when asked

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	7002	22.9	93.9	93.9
	2.00 No	458	1.5	6.1	100.0
	Total	7460	24.4	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age <1 year	982	3.2		
	99.00 No valid response	134	.4		
	Total	23070	75.6		
Total		30530	100.0		

TwoStepDirec_18 Child is able to follow 2-step directions, such as 'Get your shoes and put them in the basket.'

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	6841	22.4	91.7	91.7
	2.00 No	619	2.0	8.3	100.0
	Total	7460	24.4	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age <1 year	982	3.2		
	99.00 No valid response	134	.4		
	Total	23070	75.6		
Total		30530	100.0		

Understand2_18 Child is able to Understand words such as 'in,' 'on,' and 'under'

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Yes	6790	22.2	91.0	91.0
	2.00 No	670	2.2	9.0	100.0
	Total	7460	24.4	100.0	
Missing	90.00 Children age 6-17 years	21954	71.9		
	95.00 Children age <1 year	982	3.2		
	99.00 No valid response	134	.4		
	Total	23070	75.6		
Total		30530	100.0		

SECTION 6: Family Health and Activities**MothPhyH_18 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	19813	64.9	73.3	73.3
	2 Good	5849	19.2	21.6	94.9
	3 Fair or poor	1380	4.5	5.1	100.0
	Total	27042	88.6	100.0	
Missing	95 No mother reported in the household as a primary caregiver of the child	2824	9.2		
	99 Missing	664	2.2		
	Total	3488	11.4		
	Total	30530	100.0		

FathPhyH_18 Indicator 6.1a: 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	17125	56.1	73.9	73.9
	2 Good	5127	16.8	22.1	96.0
	3 Fair or poor	930	3.0	4.0	100.0
	Total	23182	75.9	100.0	
Missing	95 No father reported in the household as a primary caregiver of the child	6719	22.0		
	99 Missing	629	2.1		
	Total	7348	24.1		
Total		30530	100.0		

MotherMH_18 Indicator 6.2: Mental 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	20696	67.8	76.5	76.5
	2 Good	5041	16.5	18.6	95.1
	3 Fair or poor	1313	4.3	4.9	100.0
	Total	27050	88.6	100.0	
Missing	95 No mother reported in the household as a primary caregiver of the child	2824	9.2		
	99 Missing	656	2.1		
	Total	3480	11.4		
Total		30530	100.0		

FatherMH_18 Indicator 6.2a: 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	18893	61.9	81.6	81.6
	2 Good	3542	11.6	15.3	96.9
	3 Fair or poor	721	2.4	3.1	100.0
	Total	23156	75.8	100.0	
Missing	95 No father reported in the household as a primary caregiver of the child	6719	22.0		
	99 Missing	655	2.1		
	Total	7374	24.2		
Total		30530	100.0		

MotherHSt_18 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	17771	58.2	65.9	65.9
	2 One or both of physical & mental health are NOT excellent/very good	9191	30.1	34.1	100.0
	Total	26962	88.3	100.0	
Missing	95 No mother reported in the household as a primary caregiver of the child	2824	9.2		
	99 Missing	744	2.4		
	Total	3568	11.7		
Total		30530	100.0		

FatherHSt_18 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	15953	52.3	69.1	69.1
	2 One or both of physical & mental health are NOT excellent/very good	7148	23.4	30.9	100.0
	Total	23101	75.7	100.0	
Missing	95 No father reported in the household as a primary caregiver of the child	6719	22.0		
	99 Missing	710	2.3		
	Total	7429	24.3		
Total		30530	100.0		

smoking_18 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	4533	14.8	15.1	15.1
	2 No	25507	83.5	84.9	100.0
	Total	30040	98.4	100.0	
Missing	99 Missing	490	1.6		
Total		30530	100.0		

SmkInside_18 Indicator 6.4a: Someone smokes inside the home

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No one smokes in the household	25507	83.5	85.0	85.0
	2 Someone smokes, not inside the house	3908	12.8	13.0	98.0
	3 Someone smokes inside the house	592	1.9	2.0	100.0
	Total	30007	98.3	100.0	
Missing	99 Missing	523	1.7		
Total		30530	100.0		

WrkngPoor_18 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	2500	8.2	8.3	8.3
	2 Do not live in 'working poor' household	27442	89.9	91.7	100.0
	Total	29942	98.1	100.0	
Missing	99 Missing	588	1.9		
Total		30530	100.0		

ShareIdeas_18 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	14181	46.4	65.5	65.5
	2 Somewhat well	6465	21.2	29.9	95.4
	3 Not very well or Not very well at all	1000	3.3	4.6	100.0
	Total	21646	70.9	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	308	1.0		
	Total	8884	29.1		
Total		30530	100.0		

readto_18 Indicator 6.7: Number of days children were read aloud to during the past week, age 0-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No days	401	1.3	4.7	4.7
	2 1-3 days	2575	8.4	30.3	35.0
	3 4-6 days	1796	5.9	21.2	56.2
	4 Every day	3719	12.2	43.8	100.0
	Total	8491	27.8	100.0	
Missing	90 Children age 6-17 years	21954	71.9		
	99 Missing	85	.3		
	Total	22039	72.2		
Total		30530	100.0		

SingStory_18 Indicator 6.8: Number of days children were sung to or told stories to during past week, age 0-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No days	212	.7	2.5	2.5
	2 1-3 days	2038	6.7	24.0	26.5
	3 4-6 days	1754	5.7	20.7	47.2
	4 Every day	4488	14.7	52.8	100.0
	Total	8492	27.8	100.0	
Missing	90 Children age 6-17 years	21954	71.9		
	99 Missing	84	.3		
	Total	22038	72.2		
Total		30530	100.0		

MealTogether_18 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	958	3.1	3.2	3.2
	1 1-3 days	7285	23.9	24.2	27.4
	2 4-6 days	10080	33.0	33.5	60.9
	3 Every day	11743	38.5	39.1	100.0
	Total	30066	98.5	100.0	
Missing	99 Missing	464	1.5		
Total		30530	100.0		

ScreenTime_18 Indicator 6.10: Time spent in front of a TV, computer, cellphone or other electronic devices on most weekdays

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Less than 1 hour	4228	13.8	14.0	14.0
	2 1 hour	5624	18.4	18.6	32.6
	3 2 hours	8955	29.3	29.6	62.2
	4 3 hours	5623	18.4	18.6	80.8
	5 4 or more hours	5796	19.0	19.2	100.0
	Total	30226	99.0	100.0	
Missing	99 Missing	304	1.0		
Total		30530	100.0		

FamResilience_18 Indicator 6.12: Family flourishing composite measure

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 All or most of the time to 0-1 items	1770	5.8	5.9	5.9
	2 All or most of the time to 2-3 items	3159	10.3	10.5	16.4
	3 All or most of the time to all 4 items	25194	82.5	83.6	100.0
	Total	30123	98.7	100.0	
Missing	99 Missing to all 4 items	407	1.3		
Total		30530	100.0		

TalkAbout_18 Talk together about what to do when the family faces problems

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 All of the time	15376	50.4	51.2	51.2
	2 Most of the time	11779	38.6	39.2	90.4
	3 Some/None of the time	2899	9.5	9.6	100.0
	Total	30054	98.4	100.0	
Missing	99 Missing	476	1.6		
Total		30530	100.0		

WrkToSolve_18 Work together to solve the problem when your family faces problems

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 All of the time	15106	49.5	50.3	50.3
	2 Most of the time	12109	39.7	40.4	90.7
	3 Some/None of the time	2792	9.1	9.3	100.0
	Total	30007	98.3	100.0	
Missing	99 Missing	523	1.7		
Total		30530	100.0		

strengths_18 Know we have strengths to draw on when the family faces problems

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 All of the time	16455	53.9	54.9	54.9
	2 Most of the time	10872	35.6	36.3	91.2
	3 Some/None of the time	2633	8.6	8.8	100.0
	Total	29960	98.1	100.0	
Missing	99 Missing	570	1.9		
Total		30530	100.0		

hopeful_18 Stay hopeful even in difficult times when the family faces problems

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 All of the time	16175	53.0	53.9	53.9
	2 Most of the time	12120	39.7	40.4	94.2
	3 Some/None of the time	1733	5.7	5.8	100.0
	Total	30028	98.4	100.0	
Missing	99 Missing	502	1.6		
Total		30530	100.0		

ACE2more_18 Indicator 6.13: Children experienced two or more adverse childhood experiences

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No adverse childhood experiences	18543	60.7	61.6	61.6
	2 Experienced 1 adverse childhood experience	6265	20.5	20.8	82.4
	3 Experienced 2 or more adverse childhood experiences	5308	17.4	17.6	100.0
	Total	30116	98.6	100.0	
Missing	99 Missing to all 9 items	414	1.4		
Total		30530	100.0		

ACEincome_18 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	16504	54.1	55.0	55.0
	2 Rarely hard to get by on family income	9617	31.5	32.0	87.0
	3 Somewhat often hard to get by on family income	3149	10.3	10.5	97.5
	4 Very often hard to get by on family income	738	2.4	2.5	100.0
	Total	30008	98.3	100.0	
Missing	99 Missing	522	1.7		
Total		30530	100.0		

ACEdivorce_18 Adverse childhood experience: parent or guardian divorced or separated

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Experienced the adverse childhood experience	6884	22.5	22.5	22.5
	2 Did not experience this adverse childhood experience	22870	74.9	74.9	97.5
	99 Missing	776	2.5	2.5	100.0
	Total	30530	100.0	100.0	

ACEdeath_18 Adverse childhood experience: parent or guardian died

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Experienced the adverse childhood experience	896	2.9	2.9	2.9
	2 Did not experience this adverse childhood experience	28818	94.4	94.4	97.3
	99 Missing	816	2.7	2.7	100.0
	Total	30530	100.0	100.0	

ACEjail_18 Adverse childhood experience: parent or guardian served time in jail

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Experienced the adverse childhood experience	1992	6.5	6.5	6.5
	2 Did not experience this adverse childhood experience	27660	90.6	90.6	97.1
	99 Missing	878	2.9	2.9	100.0
	Total	30530	100.0	100.0	

ACEdomviol_18 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	1548	5.1	5.1	5.1
	2 Did not experience this adverse childhood experience	28106	92.1	92.1	97.1
	99 Missing	876	2.9	2.9	100.0
	Total	30530	100.0	100.0	

ACEneghviol_18 Adverse childhood experience: victim/witness of neighborhood violence

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Experienced the adverse childhood experience	1106	3.6	3.7	3.7
	2 Did not experience this adverse childhood experience	28553	93.5	96.3	100.0
	Total	29659	97.1	100.0	
	Missing	99 Missing	2.9		
Total		30530	100.0		

ACEmhealth_18 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	2592	8.5	8.5	8.5
	2 Did not experience this adverse childhood experience	27011	88.5	88.5	97.0
	99 Missing	927	3.0	3.0	100.0
	Total	30530	100.0	100.0	

ACEdrug_18 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	2888	9.5	9.5	9.5
	2 Did not experience this adverse childhood experience	26775	87.7	87.7	97.2
	99 Missing	867	2.8	2.8	100.0
	Total	30530	100.0	100.0	

ACEdiscrim_18 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	989	3.2	3.3	3.3
	2 Did not experience this adverse childhood experience	28728	94.1	96.7	100.0
	Total	29717	97.3	100.0	
	Missing	99 Missing	2.7		
Total		30530	100.0		

ParAggrav_18 Indicator 6.14: Children whose parents who felt stress from parenting during the past month

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Parent usually/always feels aggravation from parenting	1491	4.9	4.9	4.9
	2 Parent seldom feels aggravation from parenting	28752	94.2	94.2	99.1
	99 Missing to all 3 items	287	.9	.9	100.0
	Total	30530	100.0	100.0	

DiffCare_18 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	20129	65.9	66.7	66.7
	2 Rarely	5722	18.7	18.9	85.6
	3 Sometimes	3175	10.4	10.5	96.1
	4 Usually or always	1170	3.8	3.9	100.0
	Total	30196	98.9	100.0	
Missing	99 Missing	334	1.1		
Total		30530	100.0		

bother_18 Parent felt child does things that bother them during the past month

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never	13903	45.5	46.1	46.1
	2 Rarely	10511	34.4	34.8	80.9
	3 Sometimes	5049	16.5	16.7	97.7
	4 Usually or always	706	2.3	2.3	100.0
	Total	30169	98.8	100.0	
Missing	99 Missing	361	1.2		
Total		30530	100.0		

angry_18 Parent felt angry with child during the past month

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never	10680	35.0	35.4	35.4
	2 Rarely	14105	46.2	46.8	82.2
	3 Sometimes	5118	16.8	17.0	99.2
	4 Usually or always	241	.8	.8	100.0
	Total	30144	98.7	100.0	
Missing	99 Missing	386	1.3		
Total		30530	100.0		

EmSupport_18 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	24724	81.0	82.0	82.0
	2 No	5424	17.8	18.0	100.0
	Total	30148	98.7	100.0	
Missing	99 Missing	382	1.3		
Total		30530	100.0		

EmSpouse_18 Children whose parents had day-to-day emotional support with parenting or raising children from their spouse or domestic partner

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received emotional support from spouse or domestic partner	20978	68.7	70.3	70.3
	2 Received emotional support, but not from spouse or domestic partner	3450	11.3	11.6	81.8
	3 Did not receive emotional support in the past 12 months	5424	17.8	18.2	100.0
	Total	29852	97.8	100.0	
Missing	99 Missing	678	2.2		
Total		30530	100.0		

EmSFamily_18 Children whose parents received day-to-day emotional support with parenting or raising children from other family member or close friend

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received emotional support from other family member or close friend	21912	71.8	73.4	73.4
	2 Received emotional support, but not from other family member or close friend	2516	8.2	8.4	81.8
	3 Did not receive emotional support in the past 12 months	5424	17.8	18.2	100.0
	Total	29852	97.8	100.0	
Missing	99 Missing	678	2.2		
Total		30530	100.0		

EmSPProvider_18 Children whose parents received day-to-day emotional support with parenting or raising children from health care provider

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received emotional support from a health care provider	7337	24.0	24.6	24.6
	2 Received emotional support, but not from a health care provider	17091	56.0	57.3	81.8
	3 Did not receive emotional support in the past 12 months	5424	17.8	18.2	100.0
	Total	29852	97.8	100.0	
Missing	99 Missing	678	2.2		
Total		30530	100.0		

EmSWorship_18 Children whose parents received day-to-day emotional support with parenting or raising children from place of worship or religious leader

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received emotional support from a place of worship	7450	24.4	25.0	25.0
	2 Received emotional support, but not from a place of worship	16978	55.6	56.9	81.8
	3 Did not receive emotional support in the past 12 months	5424	17.8	18.2	100.0
	Total	29852	97.8	100.0	
Missing	99 Missing	678	2.2		
Total		30530	100.0		

EmSSupGrp_18 Children whose parents received day-to-day emotional support with parenting or raising children from support or advocacy group related to specific health condition

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received emotional support from advocacy or support group	972	3.2	3.3	3.3
	2 Received emotional support, but not from advocacy or support group	23456	76.8	78.6	81.8
	3 Did not receive emotional support in the past 12 months	5424	17.8	18.2	100.0
	Total	29852	97.8	100.0	
Missing	99 Missing	678	2.2		
Total		30530	100.0		

EmSPeer_18 Children whose parents received day-to-day emotional support with parenting or raising children from peer support group

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received emotional support from a peer group	3105	10.2	10.4	10.4
	2 Received emotional support, but not from a peer group	21323	69.8	71.4	81.8
	3 Did not receive emotional support in the past 12 months	5424	17.8	18.2	100.0
	Total	29852	97.8	100.0	
Missing	99 Missing	678	2.2		
Total		30530	100.0		

EmSMental_18 Children whose parents received day-to-day emotional support with parenting or raising children from counselor or other mental health professional

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Received emotional support from a mental health professional	2557	8.4	8.6	8.6
	2 Received emotional support, but not from a mental health professional	21871	71.6	73.3	81.8
	3 Did not receive emotional support in the past 12 months	5424	17.8	18.2	100.0
	Total	29852	97.8	100.0	
Missing	99 Missing	678	2.2		
Total		30530	100.0		

ParCoping_18 Indicator 6.16: Coping with day-to-day demands of raising children

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very well	18800	61.6	62.2	62.2
	2 Somewhat well	11042	36.2	36.5	98.7
	3 Not very well or Not very well at all	401	1.3	1.3	100.0
	Total	30243	99.1	100.0	
Missing	99 Missing	287	.9		
Total		30530	100.0		

JobChange_18 Indicator 6.17: Job change because problems with child care, age 0-5 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	652	2.1	7.7	7.7
	2 No	7819	25.6	92.3	100.0
	Total	8471	27.7	100.0	
Missing	90 Children age 6-17 years	21954	71.9		
	99 Missing	105	.3		
	Total	22059	72.3		
Total		30530	100.0		

StopCutWork_18 Indicator 6.18: Family members left a job, taken a leave of absence or cut back hours due to the child's health or health conditions

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Family member left a job or take leave of absence or both	2125	7.0	7.0	7.0
	2 Employment not affected and leave of absense not taken	28105	92.1	93.0	100.0
	Total	30230	99.0	100.0	
Missing	99 Missing to both	300	1.0		
Total		30530	100.0		

AvoidChng_18 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	2259	7.4	7.5	7.5
	2 No	27866	91.3	92.5	100.0
	Total	30125	98.7	100.0	
Missing	99 Missing	405	1.3		
Total		30530	100.0		

HomeCare_18 Indicator 6.20a: Time spent providing health care for child in an average week

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Less than 1 hour per week	1807	5.9	55.8	55.8
	2 1-4 hours per week	769	2.5	23.8	79.6
	3 5-10 hours per week	259	.8	8.0	87.6
	4 11 or more hours per week	402	1.3	12.4	100.0
	Total	3237	10.6	100.0	
Missing	95 The child does not need health care provided on a weekly basis	27029	88.5		
	99 Missing	264	.9		
	Total	27293	89.4		
Total		30530	100.0		

TimeCoord_18 Indicator 6.20b: Time spent coordinating health care for child in an average week

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Less than 1 hour per week	2351	7.7	71.7	71.7
	2 1-4 hours per week	746	2.4	22.7	94.4
	3 5-10 hours per week	96	.3	2.9	97.3
	4 11 or more hours per week	87	.3	2.7	100.0
	Total	3280	10.7	100.0	
Missing	95	26993	88.4		
	99 Missing	257	.8		
	Total	27250	89.3		
Total		30530	100.0		

Care10hrs_18 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	5142	16.8	60.7	60.7
	2 No	3324	10.9	39.3	100.0
	Total	8466	27.7	100.0	
Missing	90 Children age 6-17 years	21954	71.9		
	99 Missing	110	.4		
	Total	22064	72.3		
Total		30530	100.0		

SLEEPPOS_18 Indicator 6.22: Sleep position, age less than 12 month

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 On his or her back	737	2.4	78.4	78.4
	2 On his or her side	110	.4	11.7	90.1
	3 On his or her stomach	93	.3	9.9	100.0
	Total	940	3.1	100.0	
Missing	90 Children age 1-17 years	29548	96.8		
	99 Missing	42	.1		
	Total	29590	96.9		
Total		30530	100.0		

BedTime_18 Indicator 6.24: Go to bed at the same time on weeknights

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Always	8914	29.2	29.4	29.4
	2 Usually	18038	59.1	59.5	89.0
	3 Sometimes	2453	8.0	8.1	97.0
	4 Rarely or never	894	2.9	3.0	100.0
	Total	30299	99.2	100.0	
Missing	99 Missing	231	.8		
Total		30530	100.0		

HrsSleep_18 Indicator 6.25: Hours child get sleep on most weeknights during the past week, age 4 months-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Child sleeps recommended age-appropriate hours	20709	67.8	69.1	69.1
	2 Child sleeps less than recommended age-appropriate hours	9261	30.3	30.9	100.0
	Total	29970	98.2	100.0	
Missing	95 Children less than 4 months old	318	1.0		
	99 Missing	242	.8		
	Total	560	1.8		
Total		30530	100.0		

FoodSit_18 Indicator 6.26: Child's household's ability to afford the food you need during the past 12 months

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 We could always afford to eat good nutritious meals	21937	71.9	73.1	73.1
	2 We could always afford enough to eat but not always the kinds of food we should eat	6954	22.8	23.2	96.3
	3 Sometimes we could not afford enough to eat	957	3.1	3.2	99.5
	4 Often we could not afford enough to eat	163	.5	.5	100.0
	Total	30011	98.3	100.0	
Missing	99 Missing	519	1.7		
Total		30530	100.0		

FoodCash_18 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	22303	73.1	74.2	74.2
	1 Received 1-2 types of assistance	6900	22.6	22.9	97.1
	2 Received 3-4 types of assistance	865	2.8	2.9	100.0
	Total	30068	98.5	100.0	
Missing	99 Missing	462	1.5		
Total		30530	100.0		

WIC_18 Someone in the family received benefits from the WIC Program during the past 12 months

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	1857	6.1	6.2	6.2
	2 No	28017	91.8	93.8	100.0
	Total	29874	97.9	100.0	
Missing	99 Missing	656	2.1		
Total		30530	100.0		

CashAss_18 Someone in the family received cash assistance from government during the past 12 months

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	706	2.3	2.4	2.4
	2 No	29155	95.5	97.6	100.0
	Total	29861	97.8	100.0	
Missing	99 Missing	669	2.2		
Total		30530	100.0		

FoodStamp_18 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	1.00 Yes	3211	10.5	10.7	10.7
	2.00 No	26677	87.4	89.3	100.0
	Total	29888	97.9	100.0	
Missing	99.00 Missing	642	2.1		
Total		30530	100.0		

MealFree_18 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	6229	20.4	20.9	20.9
	2 No	23641	77.4	79.1	100.0
	Total	29870	97.8	100.0	
Missing	99 Missing	660	2.2		
Total		30530	100.0		

SECTION 7: Neighborhood Safety and Support

NbhdSupp_18 Child live is a supportive neighborhood

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Live in supportive neighborhoods	18090	59.3	60.8	60.8
	2 Do not live in supportive neighborhoods	11641	38.1	39.2	100.0
	Total	29731	97.4	100.0	
Missing	99 Missing to any	799	2.6		
Total		30530	100.0		

NbhdSafe_18 Indicator 7.2: Children live in safe neighborhoods

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Definitely agree	20958	68.6	70.1	70.1
	2 Somewhat agree	7996	26.2	26.7	96.8
	3 Somewhat/Definitely disagree	948	3.1	3.2	100.0
	Total	29902	97.9	100.0	
Missing	99 Missing	628	2.1		
Total		30530	100.0		

SchlSafe_18 Indicator 7.3: Children who are safe at schools, age 6-17 years

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Definitely agree	15159	49.7	70.8	70.8
	2 Somewhat agree	5651	18.5	26.4	97.3
	3 Somewhat or definitely disagree	588	1.9	2.7	100.0
	Total	21398	70.1	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	99 Missing	556	1.8		
	Total	9132	29.9		
Total		30530	100.0		

NbhdAmenities_18 Count of amenities in children's neighborhoods

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Neighborhood does not contain any amenities	3856	12.6	13.0	13.0
	1 Neighborhood contains 1 amenity	3411	11.2	11.5	24.5
	2 Neighborhood contains 2 amenities	5061	16.6	17.0	41.5
	3 Neighborhood contains 3 amenities	6555	21.5	22.1	63.6
	4 Neighborhood contains all 4 amenities	10803	35.4	36.4	100.0
	Total	29686	97.2	100.0	
Missing	99 Missing to any of the questions	844	2.8		
Total		30530	100.0		

SideWlks_18 Children who live in neighborhoods with sidewalks or walking paths

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Neighborhood contains sidewalks or walking paths	21323	69.8	71.0	71.0
	2.00 Neighborhood does not contain sidewalks or walking paths	8699	28.5	29.0	100.0
	Total	30022	98.3	100.0	
Missing	99.00 Missing	508	1.7		
Total		30530	100.0		

park_18 Children who live in neighborhoods with a park or playground area

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Neighborhood contains a park or playground area	21987	72.0	73.3	73.3
	2.00 Neighborhood does not contain a park or playground area	7997	26.2	26.7	100.0
	Total	29984	98.2	100.0	
Missing	99.00 Missing	546	1.8		
Total		30530	100.0		

RecCentr_18 Children who live in neighborhoods with recreation center, community center or Boys'/Girls' Club

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Neighborhood contains a recreation center, community center or Boys'/Girls' Club	14071	46.1	47.0	47.0
	2.00 Neighborhood does not contain a recreation center, community center or Boys'/Girls' Club	15847	51.9	53.0	100.0
	Total	29918	98.0	100.0	
Missing	99.00 Missing	612	2.0		
Total		30530	100.0		

library_18 Children who live in neighborhoods with a library or bookmobile

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Neighborhood contains a library or bookmobile	19838	65.0	66.3	66.3
	2.00 Neighborhood does not contain a library or bookmobile	10100	33.1	33.7	100.0
	Total	29938	98.1	100.0	
Missing	99.00 Missing	592	1.9		
Total		30530	100.0		

NbhdDetract_18 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	23265	76.2	78.0	78.0
	1 Neighborhood has 1 detracting element	4245	13.9	14.2	92.2
	2 Neighborhood has 2 detracting elements	1431	4.7	4.8	97.0
	3 Neighborhood has 3 detracting elements	891	2.9	3.0	100.0
	Total	29832	97.7	100.0	
Missing	99 Missing to any of the questions	698	2.3		
Total		30530	100.0		

litter_18 Children who live in neighborhoods with litter or garbage on the street or sidewalk

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Neighborhood has litter or garbage on sidewalks and streets	4741	15.5	15.8	15.8
	2.00 Neighborhood does not have litter or garbage on sidewalks and streets	25204	82.6	84.2	100.0
	Total	29945	98.1	100.0	
Missing	99.00 Missing	585	1.9		
Total		30530	100.0		

housing_18 Children who live in neighborhoods with poorly kept or rundown housing

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Neighborhood has poorly kept or rundown housing	3484	11.4	11.6	11.6
	2.00 Neighborhood does not have poorly kept or dilapidated rundown housing	26467	86.7	88.4	100.0
	Total	29951	98.1	100.0	
Missing	99.00 Missing	579	1.9		
Total		30530	100.0		

vandal_18 Children who live in neighborhoods with vandalism such as broken windows or graffiti

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Neighborhood has broken windows or graffiti	1609	5.3	5.4	5.4
	2.00 Neighborhood does not have broken windows or graffiti	28381	93.0	94.6	100.0
	Total	29990	98.2	100.0	
Missing	99.00 Missing	540	1.8		
Total		30530	100.0		

SUBGROUPS for Stratification**age3_18 Children's age in 3 categories**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 0-5 years old	8576	28.1	28.1	28.1
	2.00 6-11 years old	9367	30.7	30.7	58.8
	3.00 12-17 years old	12587	41.2	41.2	100.0
	Total	30530	100.0	100.0	

age5_18 Children's age in 5 categories

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 0-3 years old	5555	18.2	18.2	18.2
	2.00 4-7 years old	5855	19.2	19.2	37.4
	3.00 8-11 years old	6533	21.4	21.4	58.8
	4.00 12-14 years old	5624	18.4	18.4	77.2
	5.00 15-17 years old	6963	22.8	22.8	100.0
	Total	30530	100.0	100.0	

sex_18 Sex of the child

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Male	15977	52.3	52.3	52.3
	2 Female	14553	47.7	47.7	100.0
	Total	30530	100.0	100.0	

race4_18 Race/ethnicity categories

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Hispanic	3629	11.9	11.9	11.9
	2 White, non-Hispanic	21075	69.0	69.0	80.9
	3 Black, non-Hispanic	1971	6.5	6.5	87.4
	4 Other/Multi-racial, non-Hispanic	3855	12.6	12.6	100.0
	Total	30530	100.0	100.0	

raceASIA_18 Race/ethnicity categories

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Hispanic	3629	11.9	11.9	11.9
	2 White, non-Hispanic	21075	69.0	69.0	80.9
	3 Black, non-Hispanic	1971	6.5	6.5	87.4
	4 Asian, non-Hispanic	1448	4.7	4.7	92.1
	5 Other/Multi-racial, non-Hispanic	2407	7.9	7.9	100.0
	Total	30530	100.0	100.0	

PrntNativity_18 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)	23585	77.3	78.2	78.2
	2 Any parent born outside of the US (1st and 2nd generation HH)	4959	16.2	16.4	94.7
	3 Other (child born in United States, parents are not listed)	1613	5.3	5.3	100.0
	Total	30157	98.8	100.0	
Missing	99 Missing	373	1.2		
Total		30530	100.0		

HHLanguage_18 Primary household language spoken in the household

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 English	28308	92.7	93.2	93.2
	2 Other than English	2071	6.8	6.8	100.0
	Total	30379	99.5	100.0	
Missing	99 Missing	151	.5		
Total		30530	100.0		

hisplang_18 Primary household language parsed to Hispanic and non-Hispanic

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Hispanic children, non-English PHH language	1089	3.6	3.6	3.6
	2 Hispanic children, English PHH language	2477	8.1	8.2	11.7
	3 Non-Hispanic child	26813	87.8	88.3	100.0
	Total	30379	99.5	100.0	
Missing	99 Missing to any	151	.5		
Total		30530	100.0		

famstruct5_18 Family structure

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Two parents, currently married	20859	68.3	69.5	69.5
	2 Two parents, not currently married	1965	6.4	6.5	76.0
	3 Single parent (mother or father)	5889	19.3	19.6	95.7
	4 Grandparent household	990	3.2	3.3	99.0
	5 Other family type	312	1.0	1.0	100.0
	Total	30015	98.3	100.0	
Missing	99 Missing	515	1.7		
Total		30530	100.0		

povlev4_18 Poverty level of this household based on US Census guidelines - Imputed

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 0-99% FPL	3633	11.9	11.9	11.9
	2 100-199% FPL	5020	16.4	16.4	28.3
	3 200-399% FPL	9336	30.6	30.6	58.9
	4 400% FPL or greater	12541	41.1	41.1	100.0
	Total	30530	100.0	100.0	

povSCHIP_18 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	8653	28.3	28.3	28.3
	2 200-299% FPL	4920	16.1	16.1	44.5
	3 300-399% FPL	4416	14.5	14.5	58.9
	4 400% FPL or greater	12541	41.1	41.1	100.0
	Total	30530	100.0	100.0	

AdultEduc_18 Highest level of education among reported adults

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Less than high school	800	2.6	2.6	2.6
	2 High school or GED	4124	13.5	13.5	16.1
	3 Some college or technical school	7283	23.9	23.9	40.0
	4 College degree or higher	18323	60.0	60.0	100.0
	Total	30530	100.0	100.0	

BornUSA_18 Children who were born in US

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Children were born in US	29380	96.2	96.7	96.7
	2 Children were born outside of US	996	3.3	3.3	100.0
	Total	30376	99.5	100.0	
Missing	99 Missing	154	.5		
Total		30530	100.0		

FamCount_18 Number of family members in the household

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 1 or 2 people	1887	6.2	6.3	6.3
	2 3 people	9341	30.6	31.3	37.6
	3 4 people	11457	37.5	38.4	76.0
	4 5 people	5029	16.5	16.8	92.8
	5 6 or more people	2149	7.0	7.2	100.0
	Total	29863	97.8	100.0	
Missing	99 Missing	667	2.2		
Total		30530	100.0		

MilitarySt_18 Military status of adult(s) in the household

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 At least one caregiver is on active duty	463	1.5	1.5	1.5
	2 At least one caregiver was on active duty in the past, but is not on active duty now	2502	8.2	8.4	9.9
	3 At least one caregiver was only on active duty during Reserve or National Guard training	548	1.8	1.8	11.7
	4 Neither caregiver has ever served in the military	26423	86.5	88.3	100.0
	Total	29936	98.1	100.0	
Missing	99 Missing	594	1.9		
Total		30530	100.0		

Appendix B: Title V Block Grant Measures

National Performance and Outcome Measures

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.

National Performance Measures

npm6DSc_18 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	1255	4.1	39.5	39.5
	2 Parent did not complete developmental screening	1919	6.3	60.5	100.0
	Total	3174	10.4	100.0	
Missing	90 Children age 6-17 years	21954	71.9		
	95 Children age 0-8 months or 3-5 years	5339	17.5		
	99 Missing	63	.2		
	Total	27356	89.6		
Total		30530	100.0		

npm8PhAc6to11_18 National Performance Measure 8.1: Percent of children, ages 6 through 11, who are physically active at least 60 minutes per day

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 0 days	394	1.3	4.2	4.2
	2 1-3 days	3270	10.7	35.2	39.5
	3 4-6 days	2864	9.4	30.9	70.4
	4 Everyday	2750	9.0	29.6	100.0
	Total	9278	30.4	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	95 Children age 12-17 years	12587	41.2		
	99 Missing	89	.3		
	Total	21252	69.6		
Total		30530	100.0		

npm8PhAc12to17_18 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	1544	5.1	12.4	12.4
	2 1-3 days	5119	16.8	41.1	53.5
	3 4-6 days	3808	12.5	30.6	84.0
	4 Everyday	1992	6.5	16.0	100.0
	Total	12463	40.8	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	95 Children age 6-11 years	9367	30.7		
	99 Missing	124	.4		
	Total	18067	59.2		
Total		30530	100.0		

npm9bully_18 National Performance Measure 9: Percent of adolescents, age 12-17 years, who bully others

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never bullied other in the past 12 months	10402	34.1	83.6	83.6
	2 Bullied others in the past 12 months	2048	6.7	16.4	100.0
	Total	12450	40.8	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	95 Children age 6-11 years	9367	30.7		
	99 Missing	137	.4		
	Total	18080	59.2		
Total		30530	100.0		

npm9bullied_18 National Performance Measure 9: Percent of adolescents, age 12-17 years, who are bullied

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never (in the past 12 months)	6974	22.8	56.0	56.0
	2 1-2 times (in the past 12 months)	5473	17.9	44.0	100.0
	Total	12447	40.8	100.0	
Missing	90 Children age 0-5 years	8576	28.1		
	95 Children age 6-11 years	9367	30.7		
	99 Missing	140	.5		
	Total	18083	59.2		
Total		30530	100.0		

npm10PrVi_18 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	8962	29.4	71.5	71.5
	2 No preventive care visits	3567	11.7	28.5	100.0
	Total	12529	41.0	100.0	
Missing	95 Children age 0-11 years	17943	58.8		
	99 Missing	58	.2		
	Total	18001	59.0		
Total		30530	100.0		

npm11MHCSHCN_18 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	3261	10.7	46.8	46.8
	2 Care DOES NOT meet medical home criteria	3714	12.2	53.2	100.0
	Total	6975	22.8	100.0	
Missing	95 Non-CSHCN	23554	77.2		
	99 Missing to any	1	.0		
	Total	23555	77.2		
Total		30530	100.0		

npm11MHnonCSHCN_18 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	13046	42.7	55.4	55.4
	2 Care DOES NOT meet medical home criteria	10488	34.4	44.6	100.0
	Total	23534	77.1	100.0	
Missing	95 CSHCN	6976	22.8		
	99 Missing to any	20	.1		
	Total	6996	22.9		
Total		30530	100.0		

npm12TransCSHCN_18 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	868	2.8	24.3	24.3
	2 Did not receive services necessary for transition to adult health care	2709	8.9	75.7	100.0
	Total	3577	11.7	100.0	
Missing	90 Children age 0-11 years	17943	58.8		
	95 Non-CSHCN age 12-17 years	8998	29.5		
	99 Missing to any	12	.0		
	Total	26953	88.3		
Total		30530	100.0		

npm12TransNonCSHCN_18 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	1689	5.5	18.8	18.8
	2 Did not receive services necessary for transition to adult health care	7285	23.9	81.2	100.0
	Total	8974	29.4	100.0	
Missing	90 Children age 0-11 years	17943	58.8		
	95 CSHCN age 12-17 years	3589	11.8		
	99 Missing to any	24	.1		
	Total	21556	70.6		
Total		30530	100.0		

npm13_2DePrev_18 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	24311	79.6	82.7	82.7
	2 No preventive dental visits	5094	16.7	17.3	100.0
	Total	29405	96.3	100.0	
Missing	95 Children less than 1 year old	982	3.2		
	99 Missing	143	.5		
	Total	1125	3.7		
	Total	30530	100.0		

npm14_2Smoke_18 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	4533	14.8	15.1	15.1
	2 No	25507	83.5	84.9	100.0
	Total	30040	98.4	100.0	
Missing	99 Missing	490	1.6		
Total		30530	100.0		

npm15AdIns_18 National Performance Measure 15: Percent of children, ages 0 through 17, who are continuously and adequately insured

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Current insurance is adequate and continuously insured in past year	20352	66.7	66.9	66.9
	2 Current insurance is inadequate and/or had gap in insurance coverage in past year	10090	33.0	33.1	100.0
	Total	30442	99.7	100.0	
Missing	99 Missing to both questions	88	.3		
Total		30530	100.0		

National Outcome Measures

nom14TthDec_18 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	2953	9.7	10.1	10.1
	2 No tooth decay or cavities	26407	86.5	89.9	100.0
	Total	29360	96.2	100.0	
Missing	95 Children age <1 year	982	3.2		
	99 Missing	188	.6		
	Total	1170	3.8		
Total		30530	100.0		

nom17_1CSHCN_18 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	6976	22.8	22.8	22.8
	2 Non-CSHCN	23554	77.2	77.2	100.0
	Total	30530	100.0	100.0	

nom17_2sysCSHCN_18 National Outcome Measure 17.2: Percent of children with special health care needs (CSHCN), ages 0 through 17, who receive care in a well-functioning system

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Receive care in a well-functioning system	1022	3.3	14.7	14.7
	2.00 Do not receive care in a well-functioning system	5954	19.5	85.3	100.0
	Total	6976	22.8	100.0	
Missing	95.00 Non-CSHCN	23554	77.2		
Total		30530	100.0		

nom17_3ASD_18 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 Do not have condition	25658	84.0	96.9	96.9
	2 Ever told, but do not currently have condition	41	.1	.2	97.1
	3 Currently have condition	773	2.5	2.9	100.0
	Total	26472	86.7	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	100	.3		
	Total	4058	13.3		
Total		30530	100.0		

nom17_4ADHD_18 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 Do not have condition	23295	76.3	88.9	88.9
	2 Ever told, but do not currently have condition	233	.8	.9	89.8
	3 Currently have condition	2677	8.8	10.2	100.0
	Total	26205	85.8	100.0	
Missing	95 Children age 0-2 years	3958	13.0		
	99 Missing	367	1.2		
	Total	4325	14.2		
Total		30530	100.0		

nom18MHlth_18 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	2189	7.2	55.1	55.1
	2 Needed treatment, did not receive it	1781	5.8	44.9	100.0
	Total	3970	13.0	100.0	
Missing	95 Children age 0-2 years/Do not have any of 3 conditions	26425	86.6		
	99 Missing	135	.4		
	Total	26560	87.0		
Total		30530	100.0		

nom19ChHSt_18 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	28002	91.7	92.0	92.0
	2 Good	2060	6.7	6.8	98.7
	3 Fair or poor	386	1.3	1.3	100.0
	Total	30448	99.7	100.0	
Missing	99 Missing	82	.3		
Total		30530	100.0		

nom20obese_18 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)	1004	3.3	6.5	6.5
	2 Normal weight (5th to 84th percentile)	10136	33.2	65.7	72.2
	3 Overweight (85th to 94th percentile)	2258	7.4	14.6	86.8
	4 Obese (95th percentile or above)	2029	6.6	13.2	100.0
	Total	15427	50.5	100.0	
Missing	90 Children age 0-9 years	14517	47.5		
	99 Missing	586	1.9		
	Total	15103	49.5		
Total		30530	100.0		

nom25ForgoneHC_18 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	824	2.7	2.7	2.7
	2.00 Received needed care	29603	97.0	97.3	100.0
	Total	30427	99.7	100.0	
Missing	99.00 Missing	103	.3		
Total		30530	100.0		

Appendix C:

Methods Notes on Imputation of Missing Values

Household Income Missing Values



Methods Notes on Imputation of Missing Values

In the 2018 NSCH, income, household size, respondent education variables (Adult 1) and Adult 2 characteristics were multiply imputed and the first implicates of these variables along with the single imputed variables for child's sex, race, Hispanic origin, residency tenure status are included in the public use file.

Missing or Invalid Responses to Income Questions

The 2018 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 2018 NSCH, 15.3% of the national sample of 30,530, 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 size, 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 2018 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_18" and "povSCHIP_18") in the DRC 2018 NSCH Dataset were generated using a single imputation value from the 2018 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://www2.census.gov/programs-surveys/nsch/technical-documentation/methodology/NSCH-Analysis-with-Imputed-Data-Guide.pdf>

Appendix C: Methods Notes on Imputation of Missing Values

SAS and Stata data files with imputed FPL estimates can be downloaded from the Census Bureau's website: <https://www.census.gov/data/datasets/2018/demo/nsch/nsch2018.html>