

The 2018-2019 National Survey of Children's Health (NSCH) Combined Data Set FAST FACTS

What is the National Survey of Children's Health (NSCH)?

- The NSCH is a national survey, funded and directed by the Health Resources and Services Administration's Maternal and Child Health Bureau (HRSA MCHB) that provides rich data on multiple, intersecting aspects of children's health and well-being – including physical and mental health, access to and quality of health care, and the child's family, neighborhood, school, and social context.
- Starting in 2016, the NSCH instituted 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 administered via web-based and mail instruments.
- From 2016 onward, the NSCH is being fielded annually by the US Census Bureau. 2019 is the fourth administration of the redesigned NSCH.
- Most data collected during the 2018 and 2019 NSCH will be comparable to data from the 2016 and 2017 NSCH as the surveys were conducted with the same design and administration.

What is the purpose of the National Survey of Children's Health?

- The NSCH is designed to produce national and state-level data on the physical and emotional health of children 0 - 17 years old in the United States.
- Additionally, the NSCH provides estimates for 19 [Title V Maternal and Child Health Services Block Grant](#) National Outcome and Performance Measures, and data for each state's Title V needs assessment.
- For more information on the purpose and specific topics asked about in the NSCH, see [2018 NSCH Fast Facts](#) and [2019 NSCH Fast Facts](#), [2018 NSCH Frequently Asked Questions](#) (FAQs) and [2019 NSCH FAQs](#), and [NSCH supporting documents](#).

Who sponsors and conducts the National Survey of Children's Health?

- The Health Resources and Services Administration's Maternal and Child Health Bureau (HRSA MCHB) provides the primary funding and direction for the NSCH. More information can be found here: <https://mchb.hrsa.gov/data/national-surveys>.
- The NSCH is conducted by the United States (US) Census Bureau on behalf of the US Department of Health and Human Services, HRSA MCHB. The US Census Bureau oversees the NSCH's sampling plan and administration by web and mail. They also collect the data and create the sampling weights.
- Additional funding for specific questions on the 2018 and 2019 surveys was provided by:
 - Centers for Disease Control and Prevention (CDC), National Center on Birth Defects and Developmental Disabilities (NCBDDD)
 - United States Department of Agriculture (USDA), Food and Nutrition Service
 - United States Environmental Protection Agency (EPA) (2018 only)

Who were the participants in the National Survey of Children's Health?

- Households were randomly sampled and contacted by mail in order to identify those with one or more children under 18 years old. In each household, one child was randomly selected to be the subject of the survey.

- The survey oversampled children with special health care needs and children 0-5 years of age.
- A total of 59,963 surveys were completed for 2018 and 2019 combined. 30,530 surveys were completed in 2018 and 29,433 in 2019. The Overall Weighted Response Rate was 43.1% for 2018 and 42.4% for 2019.
- The 2018 and 2019 combined data set contains approximately 1,176 surveys per state (state range: 1,021 to 1,420).
- Survey data were weighted (adjusted for the combined dataset) to represent the population of non-institutionalized children ages 0-17 who live in housing units nationally and in each state.

How were data for the survey collected?

- Households received a mailed invitation asking an adult in the household who is familiar with the child's health and health care (usually a parent) to complete a short screener questionnaire (via web or paper). The screener asked participants to identify all children ages 0-17 living in the household.
- If a child (or children) was reported to live in the household, participants who chose to respond online were immediately directed to a more detailed, age-specific topical questionnaire for one randomly selected child.
- Participants could also request a paper copy of the screener and topical questionnaire if they did not wish to complete it online.
- For more details about individual surveys, see [2018 NSCH Survey Sampling and Administration Diagram](#), [2018 Methodology Report](#), [2019 NSCH Survey Sampling and Administration Diagram](#), and [2019 Methodology Report](#).

How similar are the 2018 NSCH and the 2019 NSCH?

- The majority of the questions in the NSCH are the same in both the [2018](#) and [2019](#) surveys.
- For a comparison of the 2018 and 2019 surveys, see "[What's New and Changed in the 2019 National Survey of Children's Health as Compared to the 2018 NSCH](#)" and [a crosswalk of survey items](#) on the DRC website.

What is a combined data set, and what is its purpose?

- A combined data set is one where two or more data sets from individual survey rounds (in this case, the 2018 and 2019 NSCH) are combined into one data set.
- Only items that are the same across both (or all) data sets are included in the DRC produced combined data set.
- Combining multiple years of data into one data set gives more opportunities to conduct analyses using variables with small sample sizes or low prevalence for certain response options, as well as the ability to conduct more complex cross-tabs among variables. This is particularly true for users who want to analyze data at the state level.
- The combined dataset includes the adjusted weight variable "fwc_1819" which accounts for combining two years of data. The estimates obtained from this combined dataset apply to the average annual or midpoint population size across 2018 and 2019.
- Information on how to combine the datasets and adjust the weights is available in the [Methodology Reports](#) and [Guide to Multi-Year Analysis](#) provided by the US Census Bureau.

Are data from the NSCH available to the public?

- The Data Resource Center for Child and Adolescent Health (DRC) website (www.childhealthdata.org) provides quick, easy, hands-on access to 2018 and 2019 NSCH survey data. The DRC's interactive data query (www.childhealthdata.org/browse/survey) allows users to instantly access the data and compare national and state-level findings among children of different ages, race/ethnicity, income levels, health status, and many more subgroups.
- Cleaned and labeled 2018-2019 NSCH datasets in SAS, Stata, and SPSS formats will also be available from the DRC at no cost. These datasets include key indicators, available at the national and state level,

created by DRC staff. You can request the datasets on the DRC website under “[Request a Dataset](#)”. For more information, contact info@cahmi.org.

- You can also access the public use data sets in SAS and Stata via the [Census Bureau](#).

Citation: Child and Adolescent Health Measurement Initiative (2020). “Fast Facts: 2018-2019 National Survey of Children’s Health.” 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].

This project 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 or policy of, nor should any endorsements be inferred by HRSA, HHS, or the U.S. Government.