



Child SHAPE 2015



The 2015 Child Survey of the Health of All the Population and the Environment, or Child SHAPE 2015, is the continuation of a series of nationally recognized surveys collecting information on the health of Hennepin County residents and children and the factors that affect their health. The Child SHAPE 2015 Data Book summarizes the responses from more than 1,400 participants in the Child SHAPE 2015 survey. Results are presented for Hennepin County as a whole and for two geographic areas within the county, Minneapolis and suburban Hennepin County. The data is also reported by demographic variables including gender, age, grade level, and household income.

SHAPE, a public health surveillance project in Hennepin County, was initiated in 1998 to gather data on the health status of residents and the factors that affect their health. The first two iterations of the SHAPE survey, implemented in 1998 and 2002, gathered data on adult residents of the county. Beginning in 2006, a second component was added to collect information on the health status of Hennepin County children age 0 to 17 years through parent report. The Child SHAPE 2015 survey continues the health status monitoring efforts initiated by SHAPE 2006 by collecting information directly from parents.

We also launched an online survey, the Youth SHAPE 2015, to gather data directly from adolescents age 13 to 17. The Youth SHAPE 2015 survey yielded a low response. The results are not sufficient to provide countywide estimates and are not included in this report.

The Child SHAPE 2015 survey collected information on the following health domains and topics:

Overall health and chronic conditions	Overall health status; mental and emotional health; chronic conditions, such as asthma, diabetes, ADHD, autism, and depression/anxiety; exposure to secondhand smoke; sleep.
Access to healthcare	Health insurance coverage; access to and use of preventative health care; vaccination status; dental insurance coverage; use of dental services.
Weight, nutrition, and physical activity	Recent weight assessment by health care professional; child’s daily intake of fruits, vegetables, dairy, sugar-sweetened beverages, and fast food; daily physical activity; daily screen time; outdoor time.
Environment and Amenities	Use and type of child care; use of community amenities such as walking trails or bike paths, parks or playgrounds, public libraries, and community recreation centers or clubs.
Talking with child and community connectedness	Parents or other family members talking with child about (age-appropriate) health and well-being issues such as smoking, alcohol use, eating healthy foods, getting regular exercise, and distracted driving; child and parent connections to community.
Early childhood and preschool	Breastfeeding practices; infant co-sleeping; parent-child interactions; pre-school readiness milestones.
School years	Parent-teacher conferences; bullying; child is engaged in structured out-of-school activities.

Methodology

4/15/2016

Child SHAPE 2015 collected information about children in Hennepin County through a mixed mode online and mail survey sent to randomly selected households in the county. The households included in the Child SHAPE 2015 survey came from a sample of addresses in the U.S. Postal Services' Delivery Sequence File (DSF). Within the two geographic sampling areas (Minneapolis and suburban Hennepin County), some smaller areas were oversampled to increase the probability that residents of sub-populations of special interest (e.g., Hispanics/Latinos, Hmong, Somalis, U.S.-born Blacks, low-income households, etc.) were included. In addition to the oversampled areas, a child flag was developed using state and county program records such as WIC and birth records, indicating the likely presence of a child in the household. This indicator has two conditions (two strata) – "Likely household" with a child present vs. "Not likely" to have a child present. Within a household, parents were instructed to select a random child for whom to complete the survey.

Using the Post Office's Delivery Sequence File, 26,000 households that were not in group homes were randomly selected to be in the sample. Each household was contacted six times.

- 1) Mailing 1 – a bi-fold postcard notifying the household that they were selected to participate in Child SHAPE 2015. This postcard also featured a removable, postage-paid postcard instructing households without children age 0 to 17 to opt-out of the survey -- and subsequent mailings -- by checking a box to indicate no children in the household and by returning the postcard to Hennepin County.
- 2) Mailing 2 – a letter describing the project and instructing parents to take the Child SHAPE survey online using the ID and password provided.
- 3) Mailing 3 – a postcard thanking households who had already completed the survey and asking those who had not completed the survey to do so.
- 4) Mailing 4 – a letter describing the project and instructing parents to take the Child SHAPE survey online using the ID and password provided.
- 5) Mailing 5 – a letter to parents who did not respond to the online survey to complete the Child SHAPE survey using the enclosed written version along with a postage-paid return envelope.
- 6) Mailing 6 – a final letter to parents to complete the Child SHAPE survey using the enclosed written version along with a postage-paid return envelope.

The Child SHAPE 2015 survey was administered between January and June 2015. More than 1,400 respondents completed the survey resulting in a response rate of 6 percent. The response rate is low in part because it is difficult to determine the correct base for calculating response rate.

Results

The results from Child SHAPE 2015 are available for Hennepin County and by Minneapolis and suburban Hennepin County. In addition, data are available by gender, age, grade in school, and household income. The full data book and accompanying survey questionnaire can be accessed at www.hennepin.us/shape.

Limitations

The results from Child SHAPE 2015 are subject to various limitations, such as low response rate, self-selection bias, and non-response bias.

Further Information

For more information about Child SHAPE 2015, see www.hennepin.us/SHAPE or contact SHAPE@hennepin.us or 612-348-6510.