

National Survey of Children's Health (NSCH)

Child Health Measures

Summary of key differences in indicator measurement from 2007 to 2011/12

Indicators	Percent of children meeting indicator		Key changes to indicator content
	2007 NSCH	2011/12 NSCH	
Physical and Dental Health *			
1.1: Children's overall health status, excellent/very good	84.4% 95% CI: 83.7-85.0	84.2% 95% CI: 83.6 - 84.7	<u>No changes:</u> Same as 2007
1.2: Condition of children's teeth, age 1-17	70.7% 95% CI: 69.9-71.5	71.3% 95% CI: 70.6 - 72.0	<u>No changes:</u> Same as 2007
1.2a: One or more oral health problems, age 1-17	N/A	18.7% 95% CI: 18.1 - 19.4	<u>Content changes:</u> All four oral health problems (toothache, decayed teeth or cavities, broken teeth, and bleeding gums) were asked in a single question in 2011/12.
1.3: Breast fed ever, age 0-5	75.5% 95% CI: 74.3-76.7	79.2% 95% CI: 78.2 - 80.2	<u>No changes:</u> Same as 2007
1.4: Childhood Obesity, age 10-17	16.4% 95% CI: 15.4-17.3	15.7% 95% CI: 14.9 - 16.5	<u>No changes:</u> Same as 2007
1.5: Physical activity every day, age 6-17	29.9% 95% CI: 29.0-30.8	28.0% 95% CI: 27.2 - 28.8	<u>No changes:</u> Same as 2007
1.6: Missed 11 or more days of school due to illness, age 6-17	5.8% 95% CI: 5.3-6.3	6.2% 95% CI: 5.7 - 6.6	<u>No changes:</u> Same as 2007
1.7: Premature birth	N/A	11.6% 95% CI: 11.1 - 12.0	<u>New content:</u> Questions not included in the 2007 survey
1.8: Low birthweight (<2500g)		9.6% 95% CI: 9.1 - 10.0	
1.8a: Very low birthweight (<1500g)	N/A	1.7% 95% CI: 1.5 - 1.9	<u>New content:</u> Questions not included in the 2007 survey
1.9a: One or more current chronic health conditions	N/A	23.6% 95% CI: 23.0 - 24.2	<u>Content changes:</u> Additional chronic conditions added in 2011/12 (cerebral palsy, intellectual disability). Changes to speech problems and developmental delay. Learning disability was not included in 2011/12.

* Not repeated in 2011/12: Indicator 1.7 (Injuries requiring medical care for young children), Indicator 1.13 (Health conditions interfere with activity and social participation for school-age CSHCN).

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Emotional and Mental Health *			
2.1: One or more concerns about child's development status, age 4 months- 5 years	40.1% 95% CI: 38.6-41.6	40.1% 95% CI: 38.8 - 41.3	<u>No changes</u> : Same as 2007
2.2: At moderate/high risk for developmental, behavioral, or social delay, age 4 months-5 years	26.4% 95% CI: 25.0-27.8	26.2% 95% CI: 25.0 - 27.3	<u>No changes</u> : Same as 2007
2.2a: Play with other children of their age every day, age 1-5	31.4% 95% CI: 29.8-32.9	30.0% 95% CI: 28.7 - 31.3	<u>No changes</u> : Same as 2007
2.12: Flourishing - Positive Health Indicators, age 0-5 years	N/A	73.2% 95% CI: 71.9 - 74.4	<u>New content</u> : Questions not included in the 2007 survey
2.13: Flourishing - Positive Health Indicators, age 6-17 years	N/A	47.7% 95% CI: 46.8 - 48.5	<u>New content</u> : Questions not included in the 2007 survey
2.7: Currently taking medication for ADD/ADHD	4.2% 95% CI: 3.9-4.5	5.4% 95% CI: 5.1 - 5.7	<u>No changes</u> : Same as 2007
2.7a: Parent-rated severity of child's ADD/ADHD	3.4% 95% CI: 3.1-3.7	4.6% 95% CI: 4.3 - 4.9	<u>No changes</u> : Same as 2007
2.8: Autism, Asperger's Disorder etc., age 2-17	1.0% 95% CI: 0.9-1.2	1.8% 95% CI: 1.6 - 2.0	<u>No changes</u> : Same as 2007
2.8a: Parent-rated severity of child's autism or ASD	0.2% 95% CI: 0.1-0.3	0.2% 95% CI: 0.1-0.3	<u>No changes</u> : Same as 2007
2.9: Medication for emotions, concentration or behavior	6.2% 95% CI: 5.8-6.5	7.6% 95% CI: 7.3 - 8.0	<u>No changes</u> : Same as 2007
2.10: Developmental Delay, age 2-17	N/A	3.6% 95% CI: 3.3 - 3.8	<u>Content changes</u> : Changes to developmental delay, removing "that affects ability to learn" in 2011/12.
2.10a: Parent-rated severity of child's developmental delay	N/A	0.6% 95% CI: 0.5 - 0.7	<u>Content changes</u> : Changes to developmental delay, removing "that affects ability to learn" in 2011/12.
Indicators	Percent of children meeting		Key changes to indicator content

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	indicator		
	2007 NSCH	2011/12 NSCH	
Health Insurance Coverage			
3.1: Health insurance status	90.9% 95% CI: 90.4-91.4	94.5% 95% CI: 94.1 - 94.9	<u>No changes:</u> Same as 2007
3.2: Consistency of health insurance coverage	84.9% 95% CI: 84.2-85.6	88.7% 95% CI: 88.2 - 89.2	<u>No changes:</u> Same as 2007
3.3: Type of health insurance:			
Public	29.1% 95% CI: 28.3-29.8	37.1% 95% CI: 36.4 - 37.8	<u>No changes:</u> Same as 2007
Private	61.8% 95% CI: 60.9-62.6	57.4% 95% CI: 56.6 - 58.1	<u>No changes:</u> Same as 2007
Uninsured	9.2% 95% CI: 8.7-9.7	5.6% 95% CI: 5.2 - 5.9	<u>No changes:</u> Same as 2007
3.4: Adequacy of current insurance – children currently insured	76.5% 95% CI: 75.7-77.2	76.5% 95% CI: 75.9 - 77.1	<u>No changes:</u> Same as 2007

* Not repeated in 2007: Indicator 2.5 (Positive social skills) and Indicator 2.6 (Problematic behaviors) not repeated in the 2011/12 NSCH survey.

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Indicators	Percent of children meeting indicator		Key changes to indicator content
	2007 NSCH	2011/12 NSCH	
Health Care Access and Quality *			
4.1: One or more preventive medical care visits	N/A	84.4% 95% CI: 83.8 - 84.9	<u>Content changes:</u> In 2007, there was a single question asking about number of preventive medical care visits in past year. In 2011/12, a filter item was included for number of medical care visits of any kind. Those answering 1+, were asked how many were preventive medical visits.
4.1a: Receive any kind of medical care	N/A	88.1% 95% CI: 87.6 - 88.6	<u>New content:</u> Questions not included in the 2007 survey
4.2: One or more preventive dental care visits, age 1-17	N/A	77.2% 95% CI: 76.5 - 77.8	<u>Content changes:</u> In 2007, there was a single question asking about number of preventive dental care visits in past year. In 2011/12, a filter item was included for number of dental care visits of any kind. Those answering 1+, were asked how many were preventive dental visits.
4.1a: Receive any kind of dental care	N/A	77.5% 95% CI: 76.9 - 78.2	<u>New content:</u> Questions not included in the 2007 survey
4.3: Received both preventive medical and dental care	71.6% 95% CI: 70.8-72.4	68.1% 95% CI: 67.4 - 68.8	<u>No changes:</u> Same as 2007
4.4: Home Visitation Program, age 0-3 years		86.4% 95% CI: 85.4 - 87.4	<u>New content:</u> Questions not included in the 2007 survey
4.5: Received needed mental health care, age 2-17	60.0% 95% CI: 57.1-63.0	61.0% 95% CI: 58.6 - 63.5	<u>No changes:</u> Same as 2007
4.6a: One or more unmet needs for care	6.9% 95% CI: 6.4-7.3	6.7% 95% CI: 6.3 - 7.1	<u>No changes:</u> Same as 2007
4.7: Receipt of vision screening		67.6% 95% CI: 66.9 - 68.3	<u>New content:</u> Questions not included in the 2007 survey
4.8: Have a medical home	57.5% 95% CI: 56.7-58.4	54.4% 95% CI: 53.7 - 55.1	<u>No changes:</u> Same as 2007
4.9: Have a personal doctor or nurse	92.2% 95% CI: 91.7-92.7	90.3% 95% CI: 89.8 - 90.8	<u>No changes:</u> Same as 2007

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Health Care Access and Quality (contd.) *	2007 NSCH	2011/12 NSCH	
4.9a: Usual sources for sick and well care	93.1% 95% CI: 92.6-93.5	91.4% 95% CI: 90.9 - 91.8	<u>No changes:</u> Same as 2007
4.9b: Family-centered care	67.4% 95% CI: 66.5-68.2	66.6% 95% CI: 65.9 - 67.3	<u>Content changes:</u> Item on receiving interpreter services when needed was eliminated in 2011/12.
4.9c: Problems getting needed referrals	2.8% 95% CI: 2.5-3.1	3.5% 95% CI: 3.2 - 3.8	<u>No changes:</u> Same as 2007
4.9d: Effective care coordination when needed	28.3% 95% CI: 27.6-29.0	27.8% 95% CI: 27.2 - 28.4	<u>No changes:</u> Same as 2007
4.17: Health care costs cause financial problems for family	N/A	11.0 % 95% CI: 10.6 - 11.5	<u>New content:</u> Questions not included in the 2007 survey
4.18: Parent frustrated in efforts to obtain health care services	N/A	6.1% 95% CI: 5.7 - 6.5	<u>New content:</u> Questions not included in the 2007 survey
4.12: Problems accessing needed specialist care	6.2% 95% CI: 5.8-6.6	6.4% 95% CI: 6.0 - 6.7	<u>No changes:</u> Same as 2007
4.12a: Received care from a specialist doctor	22.3% 95% CI: 21.6-22.9	22.6% 95% CI: 22.0 - 23.1	<u>No changes:</u> Same as 2007
4.14: Doctor asks about parental concerns, age 0-5	48.0% 95% CI: 46.5-49.5	51.8% 95% CI: 50.5 - 53.0	<u>No changes:</u> Same as 2007
4.16: Developmental screenings during well-child visit, age 10 months- 5 years	19.5% 95% CI: 18.3-20.8	30.8% 95% CI: 29.5 - 32.1	<u>No changes:</u> Same as 2007

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	2007 NSCH	2011/12 NSCH	
Community and School Activities *			
5.1a: Child has early intervention plan, IFSP or IEP, age 0-5	4.4% 95% CI: 3.8-4.9	5.3% 95% CI: 4.7 - 5.9)	<u>No changes:</u> Same as 2007
5.1b: School-age child has IEP, age 6-17	11.2% 95% CI: 10.6-11.8	11.3% 95% CI: 10.8-11.9	<u>No changes:</u> Same as 2007
5.2: Repeated grades in school, age 6-17	10.6% 95% CI: 9.9-11.2	9.1% 95% CI: 8.5 - 9.6)	<u>No changes:</u> Same as 2007
5.2a: Consistently engaged in school, age 6-17	80.5% 95% CI: 79.6-81.3	80.4% 95% CI: 79.7 - 81.1	<u>No changes:</u> Same as 2007
5.3: Participation in organized activities outside school, age 6-17	80.7% 95% CI: 79.8-81.5	80.8% 95% CI: 80.0 - 81.5	<u>No changes:</u> Same as 2007. Note that in 2011/12 all children were asked about all three types of organized activities.
5.4: Participation in volunteer work or community service once a week or more, age 12-17	15.0% 95% CI: 14.0-16.0	13.9% 95% CI: 13.1 - 14.8	<u>No changes:</u> Same as 2007
5.5: Worked 10 or more hours for pay outside the home, age 12-17	11.5% 95% CI: 10.7-12.3	7.6% 95% CI: 7.0 - 8.2	<u>No changes:</u> Same as 2007
5.6: Reading for pleasure over 60 minutes, age 6-17	16.7% 95% CI: 16.0-17.4	17.4% 95% CI: 16.7 - 18.0	<u>No changes:</u> Same as 2007
5.7: Religious services attendance weekly	53.7% 95% CI: 52.8-54.5	50.6% 95% CI: 49.8 - 51.3	<u>No changes:</u> Same as 2007
5.8: Presence of adult mentor in child's school, neighborhood, or community, age 6-17	N/A	88.9% 95% CI: 88.3 - 89.6	<u>New content:</u> Questions not included in the 2007 survey

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Indicators	Percent of children meeting indicator		Key changes to indicator content
	2007 NSCH	2011/12 NSCH	
Family Health and Activities *			
6.1: Physical health status of child's mother, excellent/very good	64.7% 95% CI: 63.8-65.5	64.0% 95% CI: 63.3 - 64.8	<u>No changes:</u> Same as 2007
6.1b: Physical health status of child's father, excellent/very good	69.5% 95% CI: 68.6-70.4	68.4% 95% CI: 67.6 - 69.2	<u>No changes:</u> Same as 2007
6.2: Mental health status of child's mother, excellent/very good	71.5% 95% CI: 70.7-72.3	71.6% 95% CI: 70.9 - 72.3	<u>No changes:</u> Same as 2007
6.2a: Mental health status of child's father, excellent/very good	77.1% 95% CI: 76.2-78.0	77.4% 95% CI: 76.6 - 78.1	<u>No changes:</u> Same as 2007
6.3: Overall health status of child's mother, excellent/very good	56.9% 95% CI: 56.0-57.8	56.7% 95% CI: 56.0 - 57.5	<u>No changes:</u> Same as 2007
6.3a: Overall health status of child's father, excellent/very good	62.7% 95% CI: 61.8-63.7	62.0% 95% CI: 61.2 - 62.8	<u>No changes:</u> Same as 2007
6.4: Tobacco use in households	26.2% 95% CI: 25.4-26.9	24.1% 95% CI: 23.5 - 24.7	<u>No changes:</u> Same as 2007
6.4a: Exposure to secondhand smoke at home	7.6% 95% CI: 7.2-8.0	4.9% 95% CI: 4.6 - 5.2	<u>No changes:</u> Same as 2007
6.5: Children living in "working poor" households	11.8% 95% CI: 11.2-12.3	13.0% 95% CI: 12.5 - 13.5	<u>No changes:</u> Same as 2007
6.6: Family outings every day, age 0-5	13.9% 95% CI: 12.9-14.9	14.5% 95% CI: 13.7 - 15.4	<u>No changes:</u> Same as 2007
6.7: Family reads to child every day, age 0-5	47.8% 95% CI: 46.4-49.3	47.9% 95% CI: 46.6 - 49.1	<u>No changes:</u> Same as 2007
6.7a: Family sings or tells stories to child every day, age 0-5	59.1% 95% CI: 57.6-60.6	56.8% 95% CI: 55.5 - 58.0	<u>No changes:</u> Same as 2007

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Family Health and Activities (contd.) *	2007 NSCH	2011/12 NSCH	
6.8: Family eats meals together every day	45.8% 95% CI: 45.0-46.6	46.7% 95% CI: 46.0 - 47.4	<u>No changes</u> : Same as 2007
6.9: Adequate amount of sleep every night, age 6-17	64.3% 95% CI: 63.4-65.2	58.2% 95% CI: 57.3 - 59.0	<u>No changes</u> : Same as 2007
6.10: Time spent watching TV or playing video games on a weekday for 4 hours or more, age 1-17	N/A	11.6% 95% CI: 11.1 - 12.1	<u>Content changes</u> : Slight word change in 2011/12 to "usually spend in front of a TV watching TV programs, videos, or playing video games?" compared to "usually watch TV or watch videos?" in 2007.
6.10a: Time spent with a computer, cell phone, or electronic device for 4 hours or more, age 1-5 years	N/A	1.9% 95% CI: 1.6 - 2.2	<u>Content changes</u> : Slight word change in 2011/12 to "usually spend in front of a TV watching TV programs, videos, or playing video games?" compared to "usually watch TV or watch videos?" in 2007.
6.10b: Time spent with a computer, cell phone, or electronic device for 4 hours or more, age 6-17 years	N/A	11.2% 95% CI: 10.6 - 11.7	<u>Content changes</u> : Inclusion of computer, or access to electronic devices in 2011/12, in addition to TV.
6.10c: Child has TV in bedroom, age 6-17	50.2% 95% CI: 49.2-51.1	55.9% 95% CI: 55.0 - 56.8	<u>Content changes</u> : Inclusion of computer, or access to electronic devices in 2011/12, in addition to TV.
6.11: Adverse Family Experiences, 2 or more	N/A	22.6% 95% CI: 22.0 - 23.2	<u>New content</u> : Questions not included in the 2007 survey
6.12: Parental aggravation with child	10.2% 95% CI: 9.7-10.8	11.3% 95% CI: 10.8 - 11.8	<u>No changes</u> : Same as 2007

* Not repeated in 2011/12: Indicator 6.11 (Child stays home alone, age 6-11 years), Indicator 6.13 (Last minute child care arrangements), Indicator 6.15 (One or more child care issues), Indicator 6.16a (Sources of 10+ hours of childcare: preschool, day care, etc).

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Indicators	Percent of children meeting indicator		Key changes to indicator content
	2007 NSCH	2011/12 NSCH	
Neighborhood Safety and Support			
7.1: Supportive neighborhoods	83.2% 95% CI: 82.6-83.9	82.1% 95% CI: 81.5 - 82.7	<u>No changes:</u> Same as 2007
7.2: Safe communities	86.1% 95% CI: 85.4-86.7	86.6% 95% CI: 86.0 - 87.1	<u>No changes:</u> Same as 2007
7.3: Safe schools, age 6-17	89.6% 95% CI: 88.9-90.2	92.6% 95% CI: 92.1 - 93.2	<u>No changes:</u> Same as 2007
7.4: Presence of neighborhood amenities, all 4 amenities	48.2% 95% CI: 47.3-49.0	54.1% 95% CI: 53.4 - 54.8	<u>No changes:</u> Same as 2007
7.5: Presence of detracting neighborhood elements, dilapidated housing	14.6% 95% CI: 14.0-15.2	16.2% 95% CI: 15.7 - 16.8	<u>No changes:</u> Same as 2007

For more information on the indicators summarized here, please refer to the details box for each question, the indicator codebook, or email us at cahmi@ohsu.edu.