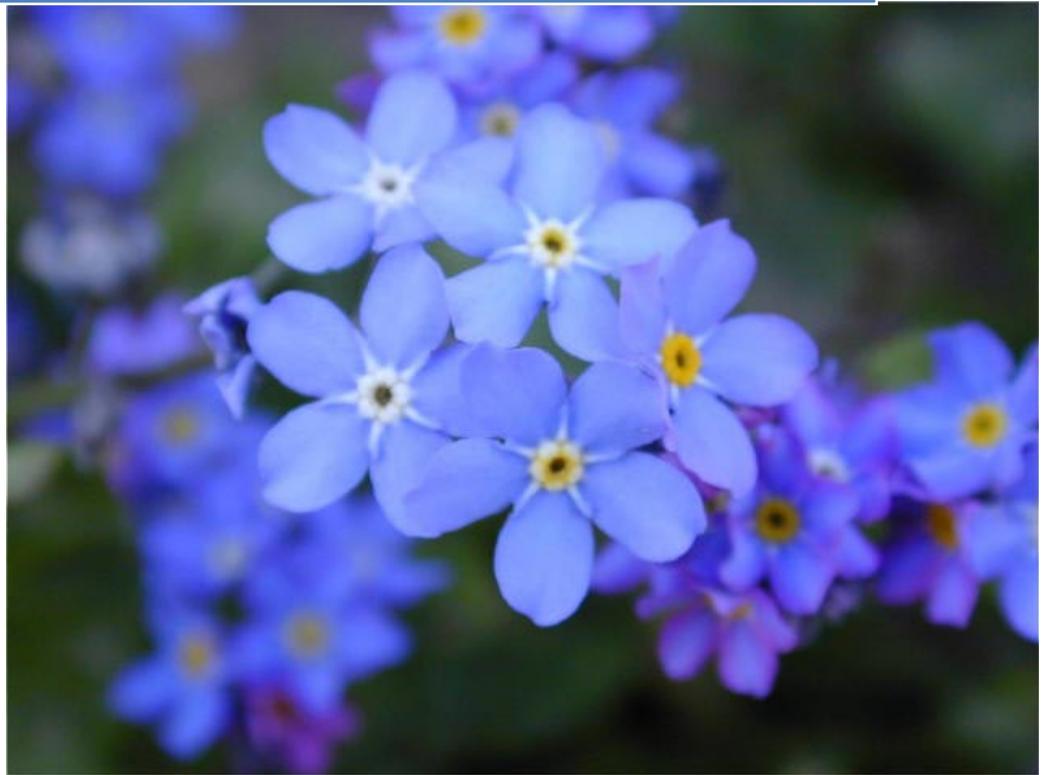


**2012**

**Early Childhood Indicators Report**



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# Early Childhood Indicators

## March 19, 2012,

### Medical Indicators:

- 1) Access
- 2) Medical Home
- 3) Early Screening
- 4) Health Status

Access Indicators	Year	AK Data	Nat'l Data
Percent of children (0-5) currently uninsured or uninsured at some time in previous 12 months <sup>1</sup>	2007	18%	15%
Percent of women receiving adequate or adequate plus prenatal care (APNCU Index) <sup>3</sup>	2007	60%	
	2008	57%	
	2009	60%	
Percent of women who reported not having any health insurance during the month before getting pregnant <sup>4</sup>	2009	21%	
	2010	23%	

Medical Home Indicators	Year	AK Data	Nat'l Data
Percent of children (birth -5) without a medical home: health care that is coordinated, accessible, comprehensive, family-centered, compassionate, and delivered by health care provider(s) familiar with the child and family <sup>1</sup>	2007	44%	36%
Percent of children 0-5 without a usual source of care <sup>1</sup>	2007	5.1%	6.4%

Early Screening Indicators	Year	AK Data	Nat'l Data
Percent of children ages 4 months to 5 years whose parents have one or more concerns about their child's development <sup>1</sup>	2007	39%	40%
Percent of children age 4 months to 5 years who are at high risk for developmental, behavioral or social delay <sup>1</sup>	2007	10%	11%
Children 10 months to 5 years who had a health care visit during the previous 12 months that included a developmental screen <sup>1</sup>	2007	21%	20%
Number of 0 through 2 year olds enrolled in ILP for services <sup>5</sup>	FY 2010	1,788	
	FY 2011	1,873	
Number and percentage of infants and toddlers ages birth through 2 receiving early interventions services under IDEA, Part C (point in time data) <sup>6</sup>	2010	706 2.16%	342,389 2.82%
	2011	797	
Number of children and students ages 3-5 served under IDEA, Part B <sup>6</sup>	2010	2104	
Number and percentage of children and students 3-5 served under IDEA, Part B by gender <sup>6</sup>	2010	1,463 (Male) 9.08% 641 (Female) 4.18%	
Percent of mothers of 3 year olds reporting that their child had seen a health care provider for routine medical care such as a well-child check-up or physical exam in the last 12 months <sup>7</sup>	2009	88%	
	2010	82%	

<b>Early Screening Indicators (con't)</b>	<b>Year</b>	<b>AK Data</b>	<b>Nat'l Data</b>
Total individuals eligible for EPSDT receiving at least one initial or periodic screen <sup>8</sup>			
< 1 year	2009	88%	
	2010	92%	
1-2 years	2009	58%	
	2010	65%	
3-5 years	2009	53%	
	2010	52%	
6-9 years	2009	57%	
	2010	48%	
Total Individuals eligible receiving any dental services <sup>8</sup>			
<1 year	2009	40	
	2010	62	
1-2 years	2009	1,523	
	2010	1,956	
3-5 years	2009	5,867	
	2010	7,211	
6-9 years	2009	8,535	
	2010	10,023	

Health Status Indicators	Year	AK DATA	Nat'l Data
Estimated vaccination coverage for vaccination series (modified)* and selected individual vaccines among children aged 19–35 months, by state and local area -- National Immunization Survey, United States, 2010 <sup>9</sup>	2010	66%	73% (2010)
Percent of low birth weight births <sup>4</sup>	2007	5.7%	
	2008	6%	
	2009	5.9%	
Post neonatal death rate (deaths to infants 28 days to 1 year of age) <sup>3</sup>	2007	3.3	
	2008	3.7	
	2009	4.0	
Unintentional injury death rate among children 0-9 years, by age group <sup>10</sup>	2000-2005		
< 1 year	2000-2005	93	
1-4 years	2000-2005	18	
5-9 years	2000-2005	7	
Percent of children 2-4 years enrolled in WIC who are obese <sup>11</sup>	2001-2005	21%	
Percent of children 2-4 years enrolled in WIC who are overweight <sup>11</sup>	2001-2005	17%	
Percent of women who smoked cigarettes during the last three months of pregnancy <sup>4</sup>	2009	15%	
	2010	17%	
Percent of women who ever breastfed or pumped breast milk <sup>4</sup>	2009	93%	
	2010	93%	
Percent of women breastfeeding at 8 weeks <sup>4</sup>	2009	71%	
	2010	73%	
Pre-Pregnancy obesity (BMI => 30) <sup>4</sup>	2009	21%	
	2010	21%	
Percent of children in kindergarten with caries experience <sup>12</sup>	2005	48%	
	2007	41%	
	2010-2011	41%	

## Sources for Medical Indicators

1. NSCH — National Survey of Children’s Health  
Data collection Feb. 2011 – March 2012  
Collect data every four years and publication follows in two years from initiation  
Data collected 2007 and “Chartbook: The Health and Well-being of Children: A Portrait of States and the Nation 2007” was published by HRSA/MCHB July 2009.
2. Placeholder for DPA data on Medicaid enrollment
3. Alaska Bureau of Vital Statistics — Updated annually with a two-year delay in reporting
4. PRAMS — Pregnancy Risk Assessment Monitoring System, Center for Disease Control and Prevention  
Data collected annually with a two-year delay in reporting (2010 data available in 2012). Questions revised every three years and labeled “Phase,” with the current one being Phase 6 and Phase 7, with revised questions to begin with data collection for 2012
5. State of Alaska, Office of Children's Services, Infant Learning Program data report (upon request)
6. Office of Special Education Programs (OSEP), Data Analysis System (DANS), U.S. Department of Education.  
Data from Fall 2010, reported July 2011, updated annually.
7. CUBS — Alaska Childhood Understanding Behaviors Survey is conducted annually, with a two-year delay for release of data. CUBS is currently using the Phase 3 questionnaire, 2009-2011.
8. Department of Health and Human Services, Centers for Medicare Medicaid Services, Form CMS-416: Annual EPSDT Participation Report, FY2010, updated annually, with 2010 most recent available data
9. National Immunization Survey, Center for Disease Control and Prevention, updated annually with 2010 the most recent data
10. CDC Childhood Injury Report: Patterns of Unintentional Injuries among 0-19 Year Olds in the United States, 2000-2006 (published in Dec. 2008) Information on next report unavailable
11. Alaska Department of Health and Social Services, Division of Public Assistance, Family Nutrition Programs, height and weight data extract from the AKWIC Management Information System Nutrition Report, 2001-2005, as reported in “Childhood Obesity In Alaska,” March 2009
12. Alaska Department of Health and Social Services, Oral Health Survey of Alaska Kindergarten Children, Alaska Oral Health Basic Screening Survey, Kindergarten survey conducted in 2005, 2007 and 2010/11 with results in July 2011. Reports on Alaska 3<sup>rd</sup> grade children appear to be every other year.

## Social Emotional Development and Mental Health Indicators

Indicators	Year	AK Data	Nat'l Data
Percentage of postpartum women reporting they felt down, depressed or sad at least sometimes <sup>1</sup>	2009	44%	
	2010	37%	
Percent of early childhood programs expelling a child due to behavioral/social emotional concerns <sup>2</sup>	2004	38%	
Number of children 0-7 who were victims of maltreatment <sup>3</sup>	FFY2009	2,136	
	FFY 2010	1747	
Percent of substantiated victims of maltreatment ages 0-5 <sup>4</sup>	June 2010	50%	
Percent of substantiated victims of maltreatment ages 0-9 <sup>4</sup>	June 2010	77%	
Percent of children in out of home placement that are ages 0-8 <sup>4</sup>	June 2010	59%	

### Sources for Social Emotional Development and Mental Health Indicators

1. PRAMS — Pregnancy Risk Assessment Monitoring System, Center for Disease Control and Prevention Data collected annually with a two-year delay in reporting (2010 data available in 2012). Questions revised every three years and labeled “Phase,” with the current one being Phase 6 and Phase 7, with revised questions to begin with data collection for 2012
2. State of Alaska, Child Care Program Office, Market Rate Survey, 2004
3. Department of Health and Human Services, Administration for Children and Families, “Child Maltreatment 2009,” and “Child Maltreatment 2010”
4. State of Alaska, Office of Children’s Services, Statistical Information Monthly Reports for June 2010

## Family Support Indicators

Indicators	Year	AK DATA	Nat'l data
Percent of children under age 6 living in poverty (100% FPL) <sup>1</sup>	2009	17%	
Percent of children under age 6 living low income homes (200% FPL) <sup>1</sup>	2009	38%	
Percent of births that were born to unwed mothers <sup>2</sup>	2008	38%	
	2009	38%	
Percent of births to mothers with 12th grade education <sup>2</sup>	2008	47%	
	2009	39%	
Percent of births to mothers with < 12 <sup>th</sup> grade education <sup>2</sup>	2008	14%	
	2009	14%	
Percent of births to mothers with more than 12 <sup>th</sup> grade education <sup>2</sup>	2008	38%	
	2009	48%	
Number of children under 6 with all parents in the labor force <sup>3, 4</sup>	2008	35,802	
	2009	35,382	
Percent of births to mothers 15-19 years old <sup>2</sup>	2008	10%	
	2009	10%	
Birth rate for teens ages 15-17 (per 1,000 population) <sup>2</sup>	2008	18	
	2009	18	
	2010	16	
Birth rate for teens ages 18-19 (per 1,000 population) <sup>2</sup>	2008	80	
	2009	77	
	2010	73	
Percent of children 0-5 whose families read to them every day <sup>5</sup>	2007	49%	48%
Percent of children 0-5 whose families sing or tell stories to them every day <sup>5</sup>	2007	62%	59%

### Sources for Family Support Indicators

1. National Center for Children in Poverty (NCCP), National data were calculated from the Annual Social and Economic Supplement of the Current Population Survey from 2010, representing information from the previous calendar year. State data were calculated from the 2009 American Community Survey, representing information from 2009. "Young Child" is defined as an individual under the age of six.
2. State of Alaska, Bureau of Vital Statistics
3. NACCRRA, Child Care in America 2011 State Fact Sheets (American Community Survey, U.S. Census Bureau 2005-2009 five-year estimates)
4. NACCRRA, Child Care in America 2010 State Fact Sheets (U.S. Census 2006-2008 American Community Survey)
5. NSCH — National Survey of Children's Health Data collection Feb. 2011 – March 2012 Collect data every four years and publication follows in two years from initiation Data collected 2007 and "Chartbook: The Health and Well-being of Children: A Portrait of States and the Nation 2007" was published by HRSA/MCHB July 2009.

## Early Care and Learning Indicators

Indicators	Year	AK Data	Nat'l Data
Statewide averages from the Kindergarten Developmental Profile (maximum possible = 2) <sup>1</sup>			
Demonstrates strength and coordination of large motor muscles	2009-2010	1.60	
	2010-2011	1.56	
	2011-2012	1.58	
Demonstrates strength and coordination of small motor muscles	2009-2010	1.55	
	2010-2011	1.52	
	2011-2012	1.51	
Participates positively in group activities	2009-2010	1.49	
	2010-2011	1.48	
	2011-2012	1.48	
Regulates their feelings and impulses	2009-2010	1.43	
	2010-2011	1.40	
	2011-2012	1.42	
Shows curiosity and interest in learning new things and having new experiences	2009-2010	1.44	
	2010-2011	1.46	
	2011-2012	1.48	
Sustains attention to tasks and persists when facing challenges	2009-2010	1.41	
	2010-2011	1.40	
	2011-2012	1.40	
Demonstrates knowledge of numbers and counting	2009-2010	1.48	
	2010-2011	1.48	
	2011-2012	1.48	
Sorts, classifies, and organizes objects	2009-2010	1.41	
	2010-2011	1.41	
	2011-2012	1.43	
Uses receptive communication skills	2009-2010	1.56	
	2010-2011	1.55	
	2011-2012	1.56	
Uses expressive communication skills	2009-2010	1.46	
	2010-2011	1.47	
	2011-2012	1.47	
Demonstrates phonological awareness	2009-2010	1.28	
	2010-2011	1.28	
	2011-2012	1.30	

Indicators	Year	AK Data	Nat'l Data
Statewide averages from the Kindergarten Developmental Profile (maximum possible = 2) <sup>1</sup> (con't)			
Demonstrates awareness of print concepts	2009-2010	1.34	
	2010-2011	1.36	
	2011-2012	1.37	
Demonstrates knowledge of letters and symbols (alphabet knowledge)	2009-2010	1.37	
	2010-2011	1.38	
	2011-2012	1.40	
Total number of center and family child care spaces available <sup>2</sup>	2008	18,357	
	2009	16,595	
Percent of current market rate that child care assistance pays for <sup>3</sup> :			
Infant/Toddler Care	2008	50%	
	2010	75%	
Pre-School/School-age Care	2008	50%	
	2010	50%	
Cost of care for a child in a center as percentage of median two-parent family income <sup>4</sup>			
Infant	2009	10%	
	2010	10.9%	
4-year old	2009	9.3%	
	2010	9.4%	
Rate of turnover for child care employees <sup>5</sup>	2002	46%	

### Sources for Early Care and Learning Indicators

1. State of Alaska, Department of Education and Early Development, 2010-2012 Alaska Developmental Profile Statewide Results — Three-Year Trendline. Data updated annually.
2. National Association of Child Care Resource and Referral Agencies (NACCRRA) “Child Care in America, 2010 and 2011 State Fact Sheets,” report issued annually in July for preceding year’s data (Data are provided by the State CCR&R Network and are derived from CCR&R data)
3. State of Alaska, Department of Health and Social Services, Division of Public Assistance, Child Care Market Rate (Price) Survey, 2009 and 2011
4. NACCRRA, “Parents and the High Cost of Child Care, 2011 Update and 2010 Update.” Data from NACCRRA’s January survey of Child Care Resource and Referral State Networks and the U.S. Census Bureau, American Community Survey, 2005-2009 five-year estimates. 2011 update uses 2010 data and 2010 update uses 2009 data
5. State of Alaska, Department of Health and Social Services, Division of Public Assistance, Child Care Market Rate (Price) Survey, 2002