

## BVCS Early Childhood Iowa Community Wide Indicators and Analysis

The BVCS Early Childhood Iowa Board also reviews an extensive amount of data to understand the trends of important data points. This information also helps them understand what is occurring regarding the needs of young children and their families. The Board has selected the following indicators for annual review, related to the priorities set during the strategic planning process and related back to the Early Childhood Iowa result areas. All Result Areas impact having Children Ready to Succeed in School.

<i>Indicator</i>	<i>Rationale for Selection of Indicator</i>	<i>Result Areas</i>
Immunizations: 2-year-old coverage	<b>Family Support - Parent Education</b> Provide parents knowledge and resources for the health care needs for their infant and young children. Offer parents information and/or location of immunization clinics. Tracking the immunization rate of young children provides the Board knowledge about protection in the community related to the potential outbreaks for various diseases.	Healthy Children
Percentage of births under 5.5 pounds	<b>Family Support - Parental Education</b> Data indicates a need for prenatal education to expecting parents. Potential parents receiving education regarding the need for prenatal care during pregnancy can be an indicator of the success of parent education. Access to prenatal services also provides the area with information relative to children and their families being able to access health services.	Healthy Children
Literacy Students Proficient 4 <sup>th</sup> Grade	<b>Family Support - Parent Education, Child Care Home/Centers, Preschool Quality Environments</b> Recent research supports an interactive and experiential process of learning spoken and written language skills that begins in early infancy. Children gain significant knowledge of language, reading, and writing long before they enter school. Early literacy skills develop in real life settings through positive interactions with literacy materials and other people. (Early Literacy <a href="http://www.zerotothree.org/BrainWonders">www.zerotothree.org/BrainWonders</a> ).	Secure & Nurturing Families
Dental Treatment Age 0-5	<b>Accessible Health Services</b> The foundation for healthy permanent teeth is laid during the first years of life. Poor habits of food intake and inadequate oral health care during the first years of life have been shown in several studies to be related to tooth decay in children. The development of caries in primary teeth is related to future dental needs in permanent teeth. Tracking data is a way to identify continued need for oral health education, screenings, and varnish.	Healthy Children
Children age 0- 17 living below poverty level	<b>Safe and Stable Homes</b> Child Poverty Levels provide data regarding the financial status of children and their families. This data helps the BVCS ECI 3-County Board understand the level of need for families thus relating to supports and services families may need.	Safe and Secure Families
Birth rate for mothers under age 20	<b>Family Support - Parent Education</b> Education to High-Risk Families is identified as BVCS ECI need. By reviewing the Teen Birth Rate, this data provides a target population for such programming.	Healthy Children

Slots available in registered child care homes and licensed child care centers	<b>Child Care Homes/Center Availability</b> By tracking the number of slots in registered and licensed child care environments the BVCS ECI 3-County Board has an understanding of the accessibility of child care, one of the identified BVCS ECI area needs. All parents in the workforce with children under age 6 ranging from 69% to 80% in the BVCS ECI area, the need for childcare is needed for parents and economic development.	Secure & Nurturing Early Learning Environments
Registered child care homes participating in the Iowa Quality Rating Scale	<b>Quality Environments - Child Care Homes</b> Research suggests that high quality early care and education programs have a significant impact on improving the cognitive and social skills of all children, especially those most at risk for later school failure (Child Trends, May 10, 2010). Supporting Child Care Consultants to work with early care and education programs can support early care and education programs to follow best practices. Having quality child care provides parents security, while they are working, knowing their children are in quality programs.	Secure & Nurturing Early Learning Environments
Preschools participating in the Iowa Quality Rating Scale	<b>Quality Environments - Preschools</b> Quality Rating System is a system that assess early care and education environments. The primary goal is to increase the quality of care. It is also designed to increase parent understanding and demand for higher quality early care and education programs. Tracking programs participating in this quality initiative gives the Board an idea of the number of quality programs available to families.	Secure & Nurturing Early Learning Environments
Confirmed or founded abuse reports of children 0-15	<b>Child Development Knowledge &amp; In-Home Parent Education</b> Prevention of Child Abuse is a goal of Parent Education and Family Support programming. Tracking confirmed neglect and child abuse cases is used by the Board as an indicator of success of such Parent Education/Family Support.	Secure & Nurturing Families

## Community Wide Indicators

The Matrix on the following pages (Table 2) displays the indicators adopted by the Early Childhood Iowa Area Board, trend line data and links each indicator to the state result areas. \* Column two of the matrix uses the following key to identify indicators adopted by the BVCS Early Childhood Iowa Board.

**A – Children Ready to Succeed in School**

**B – Healthy Children**

**C- Secure and nurturing Families**

**D- Safe and Supportive Communities**

**E – Secure and Nurturing Child Care Environments**

# Community Wide Indicators

**BVCS EARLY CHILDHOOD IOWA AREA INDICATORS - TREND LINE DATA – Data Accessed on March 10, 2023**

Community Early Childhood Iowa Area Indicators	1. Identify the link to the State Results *	Identify Source of data for each Indicator		Baseline Data	Subsequent Year's Data (Trend Line) Identified Year Data Available				Goal
				2019	2020	2021	2022		
<b>Timeline Immunizations</b>				<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>		
Immunizations: 2-year-old coverage of individual vaccines and selected vaccination series (up to date 4-3-1-3-3-1-4)	A, B & C	IDPH Iowa Public Health Tracking Portal	BV	74.0%	78.5%	77.8%	81.3%		Timeline: Maintain and/or Increase rate to 70% by 2024, using 2019 as the baseline data.
			Crawford	63.1%	83.3%	76.3%	80.9%		
	<a href="https://tracking.idph.iowa.gov/">https://tracking.idph.iowa.gov/</a>	Sac	69.6%	82.2%	88.1%	68.3%			
	Buena Vista (BV)	State	65.7%	75.9%	73.3%	70.09%			
<b>Timeline Low birth Weight Singleton Full Term Births</b>				<b>2019</b>	<b>2020</b>	<b>2021</b>			
% of births under 2,500 grams or 5.5 pounds	A & B	IDPH Iowa Public Health Tracking Portal	BV	2.75%	2.17%	2.26%		Reduce rate to 2% by 2024, using 2019 as the baseline data.	
			Crawford	Suppressed	Suppressed	Suppressed			
	<a href="https://tracking.idph.iowa.gov/">https://tracking.idph.iowa.gov/</a>	Sac	Suppressed	Suppressed	Suppressed				
	State:	1.86%	1.86%	1.92%					
<b>Timeline Literacy:</b> Data provided by Common Good Iowa Data Source: Iowa Department of Education				<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	
Literacy by Counties in Early Childhood Iowa Area Percent of Students Proficient 4 <sup>th</sup> Grade Services	A & C	<a href="#">Child Wellbeing Indicators &amp; Data   KIDS COUNT Data Center</a>	BV	71%	72.9%	67.2%	59.3%	66.9%	Increase reading skills to 85% by 2024.
			Crawford	77.6%	76.7%	67.0%	63.5%	74.3%	
			Sac	77.3%	82.9%	82.9%	54.5%	72.1%	
			State:	75.6%	75.3%	74.7%	70.5%	73.3%	
<b>Timeline Dental</b>			<b>FFY</b>	<b>FFY 2017</b>	<b>FFY 2018</b>	<b>FFY 2019</b>	<b>FFY 2020</b>	<b>FFY 2021</b>	
Dental Treatment Age 0-5 Preventative Dental Services (Medicaid)	A & B	IDPH Iowa Public Health Tracking Portal	BV	48.51%	47.54%	39.84%	31.96%	31.94%	Increase to 60% by 2024.
			Crawford	46.09%	43.42%	45.42%	37.00%	39.27%	
	Iowa Public Health Tracking Portal <a href="https://tracking.idph.iowa.gov/">https://tracking.idph.iowa.gov/</a>	Sac	50.82%	57.51%	43.43%	26.25%	33.08%	Drop in 2020 may be related to the change in insurance coverage. Parents may not have been aware they were changed. Change in Dentist accepting new Medicaid patients.	
		State	45.68%	46.85%	43.24%	33.40%	35.44%		

Community Early Childhood Iowa Area Indicators	2. Identify the link to the State Results *	Identify Source of data for each Indicator		Baseline Data	Subsequent Year's Data (Trend Line) Identify Year					Goal
					2016	2017	2018	2019	2020	
<b>Timeline Poverty</b>										
Percentage of children age 0-17 who live below the poverty level during the year	A & D	KIDS Count Data Center/Child & Family Policy Center	BV	17.3%	16.3%	13.6%	13.5%	12.0%	Timeline: track percentage to show change in demographics	
			Crawford	16.9%	14.3%	16.4%	17.2%	14.4%		
			Sac	16.5%	14.0%	14.6%	13.1%	14.8%		
			State:	14.6%	12.6 %	13.5%	12.8%	12.0%		
<b>Timeline Child Abuse</b>				<b>CY 2017</b>	<b>CY 2018</b>	<b>CY 2019</b>	<b>CY 2020</b>	CY 2021		
Confirmed or founded abuse reports of children 5 or younger	A & C	Department of Human Services <a href="https://hhs.iowa.gov/reports/child-abuse-statistics">https://hhs.iowa.gov/reports/child-abuse-statistics</a>	BV	45.3%	38.7%	46.8%	46.3%	40.5%	Reduce to 30% by 2024.	
			Crawford	57.7%	38.5%	33.9%	39.1%	40.4%		
Age Range of Child Victims of Confirmed or Founded Abuse			Sac	26.5%	41.9%	47.1%	15.4%	43.3%		
			State:	47.4%	46.9%	46.4%	47.3%	47.3%		
<b>Timeline Teen Moms</b>				<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>		
Birth rate for Mothers under age 20 and younger, rate is per 1,000 population.	A & C	IDPH Iowa Public Health Tracking Portal Rate is per 1,000 population <a href="https://tracking.idph.iowa.gov/">https://tracking.idph.iowa.gov/</a>	BV	10.3	11.1	7.6	12.9	7.7	Reduce by 2% by 2024.	
			Crawford	8.8	9.8	6.5	11.5	16.5		
			Sac	*	*	*	*	*		
			State:	7.7	7.4	6.8	6.4	6.3		
* IDPH counts of five or less birth/deaths and rates based on these counts, are suppressed to protect confidentiality.										
<b>Timeline child care spaces</b>				<b>July 2018</b>	<b>July 2019</b>	<b>July 2020</b>	<b>July 2021</b>	July 2022		
# of spaces available in a Registered Child Development Homes	A & E	Data Source: Child Care Resource & Referral <a href="https://iowaccrr.org/">https://iowaccrr.org/</a>	Buena Vista	120	100	112	108	92	Increase slots in quality child care to cover the need in the area.	
			Crawford	120	76	88	84	72		
			Sac	40	28	16	16	52		
# of spaces available in a DHS Licensed Centers/Preschools	A & E	Data Source: Child Care Resource & Referral <a href="https://iowaccrr.org/">https://iowaccrr.org/</a>	Buena Vista	435	435	536	598	582	Increase slots in quality child care to cover the need in the area.	
			Crawford	384	384	309	252	418		
			Sac	171	182	182	182	202		



			July 2022		July 2023		July 2024		July 2025		July 2026		
<b>Timeline Quality Rating System (IQ4K)</b> Data Source: Child Care Resource & Referral													
DHS Licensed Centers / Preschools Settings participating in Quality Rating System Iowa Quality for Kids (IQ4K)	A & E	<a href="https://iowaccrr.org/">https://iowaccrr.org/</a>	<b>IQ4K</b>	<b>Sites</b>	<b>IQ4K</b>	<b>Sites</b>	<b>IQ4K</b>	<b>Sites</b>	<b>IQ4K</b>	<b>Sites</b>	<b>IQ4K</b>	<b>Sites</b>	
	Levels 1 – 5 Sites = # of Licensed Centers / Preschool in county. Listed with CCR&R	Buena Vista	0	7									February2023 IQ4K update  Crawford Co Level 1 = 1 Sac Co Level 2 = 1 <a href="https://hhs.iowa.gov/gris/providers/iq4k">https://hhs.iowa.gov/gris/providers/iq4k</a>
		Crawford	0	7									
		Sac	0	4									
		Total	0	18									
		<p>*Column two (Identify the link to the State Results) uses the following key indicators adopted by the Early Childhood Iowa Board.</p> <ul style="list-style-type: none"> <li>A) Children Ready to Succeed in School</li> <li>B) Healthy Children</li> <li>C) Secure and Nurturing Families</li> <li>D) Safe and Supportive Communities</li> <li>E) Secure and Nurturing Child Care Environments.</li> </ul>											