

Early Childhood Area: Boost4Families

IA Data Drive Annual Report 2022

Published on April, 2023



Iowa State University
Iowa's Integrated Data System for Decision-Making (I2D2)
<https://i2d2.iastate.edu/>

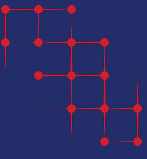


TABLE OF CONTENTS

INTRODUCTION 3

RESULT AREA: Healthy Children 4

- Low Birth Weight 4
- Immunized Children 5
- Dental Services 6
- Infant Mortality 7

RESULT AREA: Children Ready to Succeed in School 8

- Early Literacy Skills 8
- Educational Attainment of Mothers 9

RESULT AREA: Safe and Supportive Communities 10

- Children in Poverty 10
- Unemployment 11
- Children with Health Coverage 12
- All People in Poverty 13
- Homelessness Count 14
- Individual Birth Risk - Inadequate Prenatal Care 15
- Individual Birth Risk - Teenage Mother 16
- Individual Birth Risk - Unmarried Mother 17
- Individual Birth Risk - Low Maternal Education at Birth 18
- Individual Birth Risk - Poverty at Birth 19
- Individual Birth Risk - Prenatal Tobacco Exposure 20
- Individual Birth Risk - Preterm or Low Birth Weight 21
- Cumulative Birth Risks 22

RESULT AREA: Secure and Nurturing Families 23

- Incidence of Child Abuse 23
- Mothers Under 20 24
- Domestic Violence 25
- Domestic Abuse Incident Characteristics 26



RESULT AREA: Secure and Nurturing Early Learning Environments	27
Availability of Child Care – Licensed Centers and Preschools	27
Availability of Child Care – Child Development Homes	28
Working Parents	29
APPENDIX A: ECI Approved Indicators	30
APPENDIX B: Demographic Data	32



INTRODUCTION

Early Childhood Iowa (ECI) Indicators

The [Early Childhood Iowa](#) (ECI) provides resources and tools to help every community in the state with developing capacity to meet ECI's vision that *“every child, beginning at birth, will be healthy and successful”*. Among these tools are data indicators to support local area boards in their data informed decision making and to monitor progress across five legislatively mandated result areas:

- Healthy children,
- Children ready to succeed in school,
- Safe and supportive communities,
- Secure and nurturing families, and
- Secure and nurturing early learning environments.

Taken together, these indicators provide a useful overview of the multiple dimensions of child wellbeing that may impact quality of life for Iowa's young children and their families. The ECI State Board regularly reviews and approves an [updated list of indicators](#). *Indicator and Data Dictionary Tool* includes detailed information on the type, quality, availability, and frequency of assessment for community-wide measures used in official ECI reports.

Iowa Data Drive

IA Data Drive is a free online interface developed by [I2D2](#) at Iowa State University with a goal to improve understanding and provide support for decision-making relevant to early childhood programs in Iowa. In a nutshell, it brings together information about key indicators into an interactive dashboard from federal, state, and local datasets covering more than a decade. IA Data Drive enables users to source, organize, and visualize data so it can be summarized effectively and used by people at all stages of the data-use spectrum.

Tools in the Data Drive include maps and trend charts, data tables, and downloadable reports for further use or integration. It also provides accurate descriptions of the indicators, references to the data sources, and other important details. [IA Data Drive webpage](#) includes a manual and a navigation tutorial to help users maximize utility of the tools available in the dashabord.

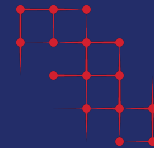
Data and Suppressed Values

IA Data Drive uses publicly available administrative data along with I2D2 data holdings to compute ECI approved indicators covering topics such as education, child health, available services, and others. It should be noted that some indicators were not available or could not be computed for all geographies (counties, ECI areas) due to data suppression implemented by (data-providing) agencies in order to protect confidentiality. Methods and thresholds applied to limit the disclosure of information varies among agencies.

Iowa Department of Health and Human Services (HHS) suppressed any data (including aggregate counts and statistics) that were based on counts of **five or fewer** to comply with its [data policy](#). The same criteria was hold by I2D2 for releasing indicators computed using I2D2 Vital Statics Birth Records data.

Data were also restricted for FAST outcomes in [ECI Kindergarten Assessment Tables](#). Data for districts with **less than 30** students tested were suppressed in the reports, therefore those school districts were not taken into account when computing county, ECI area, or statewide values.

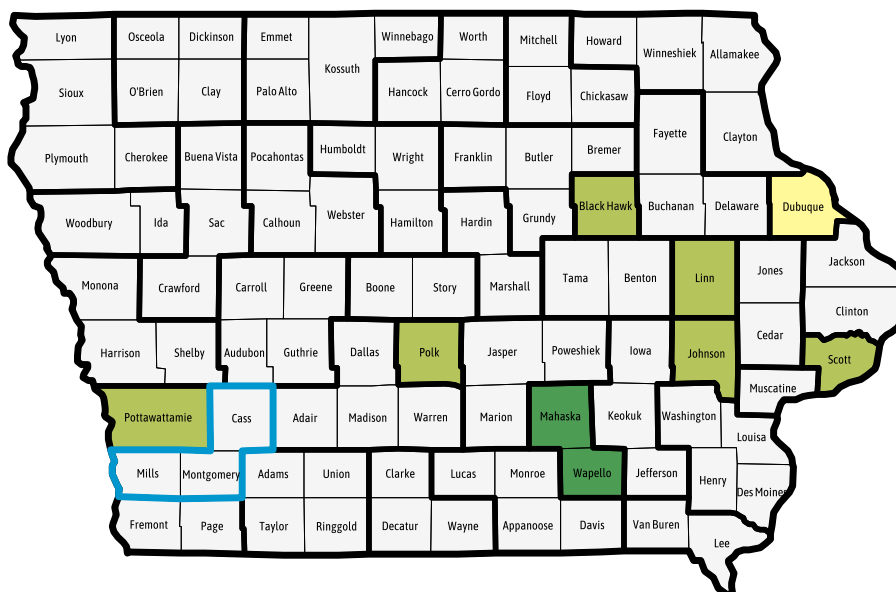
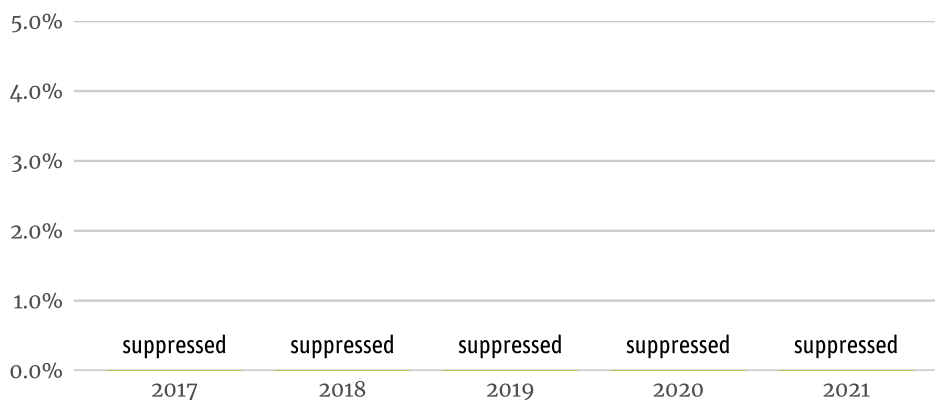
Although not observed yet, but there might be suppression values in the American Community Survey (ACS) data. In that case the suppressed estimates will be missing in the original data files. For additional information on ACS data suppression see the Census Bureau [website](#).

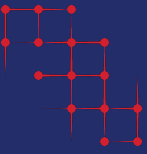


RESULT AREA: Healthy Children

Low Birth Weight

Low Birth Weight could not be computed for Boost4Families Early Childhood Iowa Area due to suppressed data for one or more comprising counties in 2021. The statewide value for that year was 1.92%.

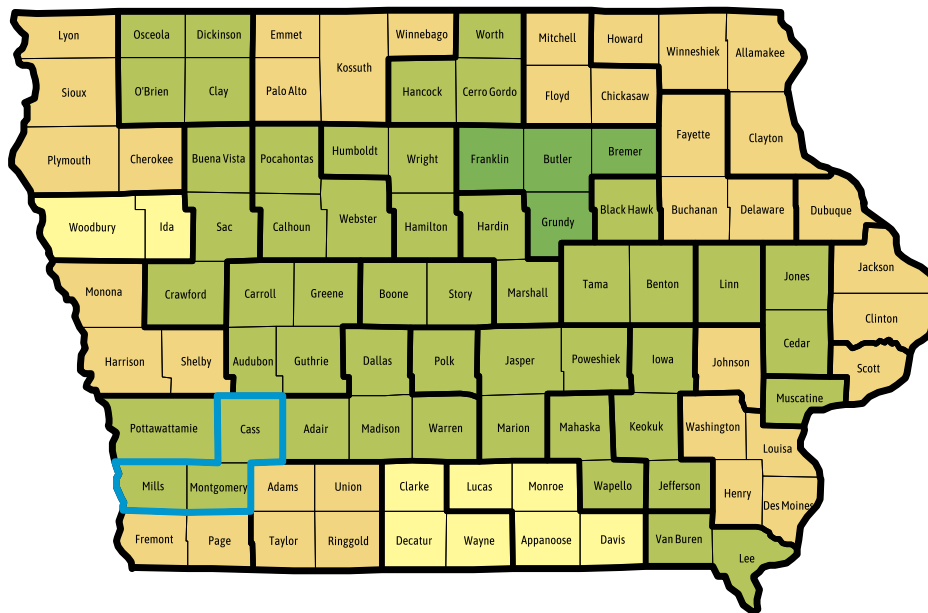
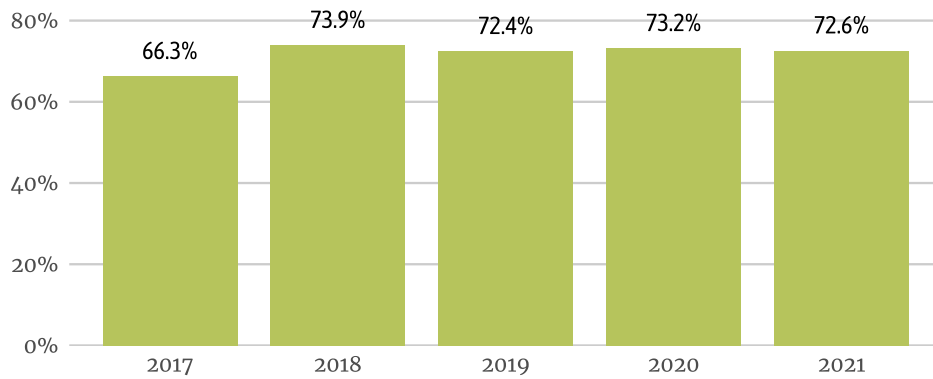




RESULT AREA: Healthy Children

Immunized Children

In 2021 72.6% of children were fully immunized by age 2 in Boost4Families Early Childhood Iowa Area compared to the statewide value of 71.0%. Boost4Families Early Childhood Iowa Area was ranked 15th among all 38 ECI areas in 2021.



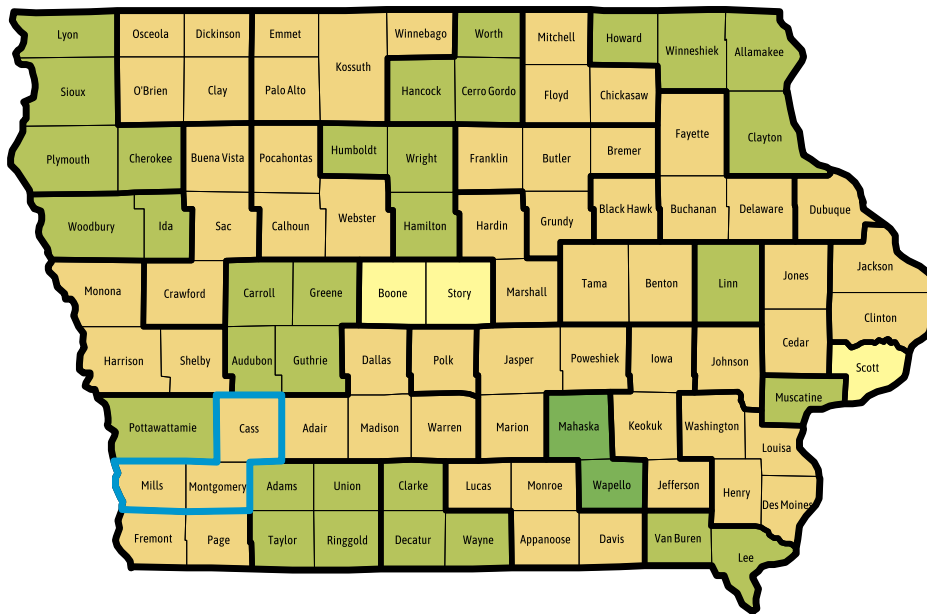
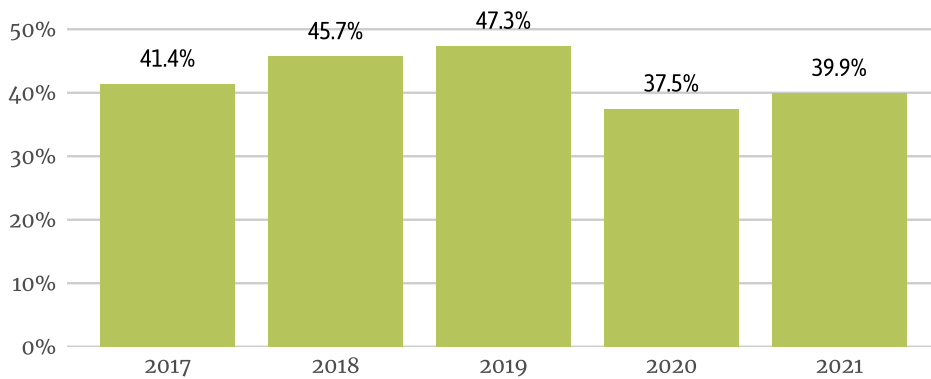
50 - 60%
 60 - 70%
 70 - 80%
 80 - 90%



RESULT AREA: Healthy Children

Dental Services

In 2021 39.9% of Medicaid-enrolled children under age 6 received dental services in **Boost4Families Early Childhood Iowa Area** compared to the statewide value of 38.4%. Boost4Families Early Childhood Iowa Area was ranked 15th among all 38 ECI areas in 2021.



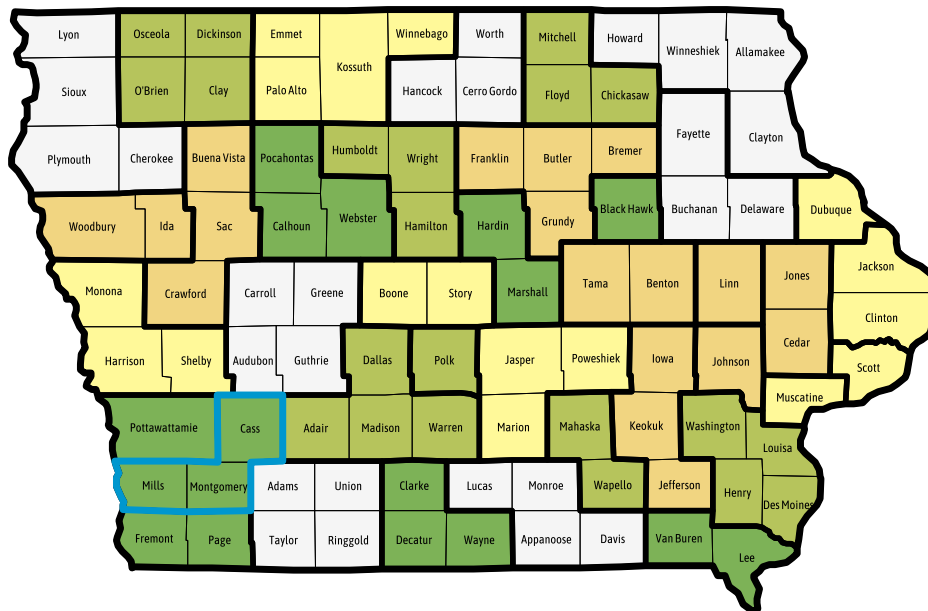
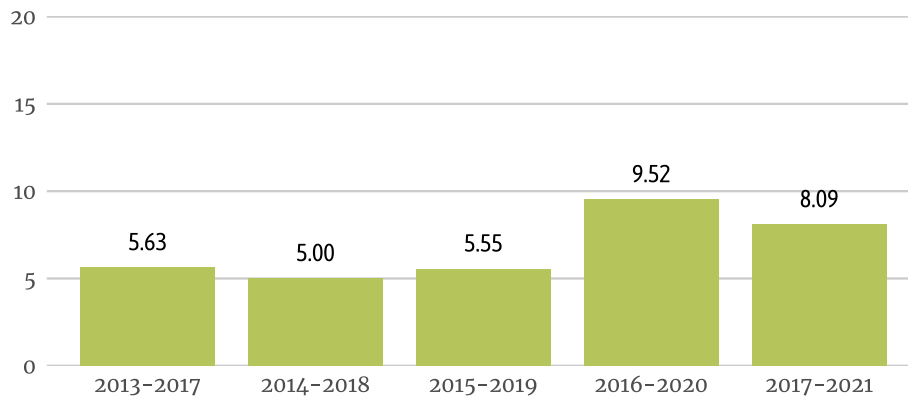
20 - 30% 30 - 40% 40 - 50% 50 - 60%



RESULT AREA: Healthy Children

Infant Mortality

In 2017–2021 8 infants younger than 1 year of age have died per 1,000 live births in Boost4Families Early Childhood Iowa Area compared to the statewide rate of 4.65.



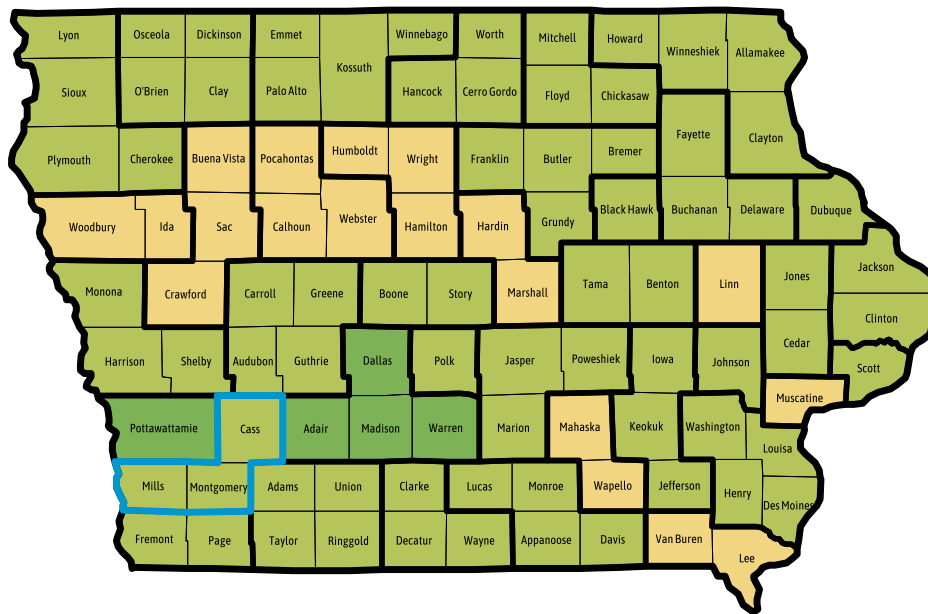
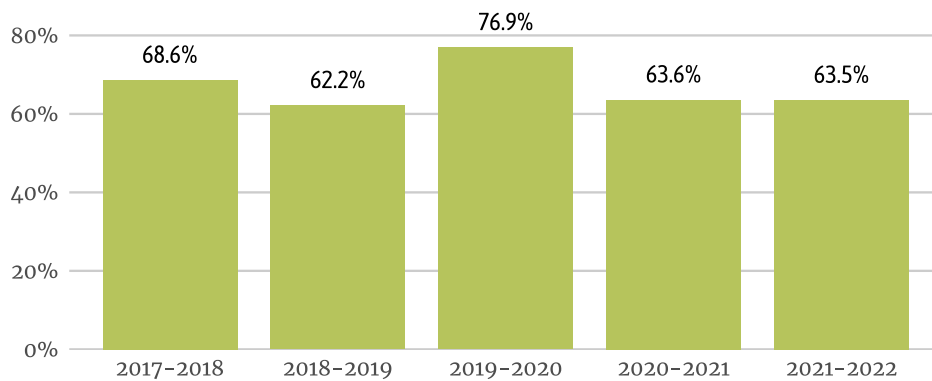
■ 0 - 3.8
 ■ 3.8 - 4.7
 ■ 4.7 - 5.5
 ■ 5.5 - 10
 ■ suppressed



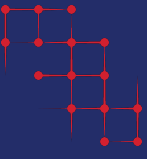
RESULT AREA: Children Ready to Succeed in School

Early Literacy Skills

In 2021-2022 63.5% of kindergartners met the fall benchmark for the early literacy universal screening measure requirements in Boost4Families Early Childhood Iowa Area compared to the statewide value of 65.8%. Boost4Families Early Childhood Iowa Area was ranked 25th among all 38 ECI areas in 2021-2022.



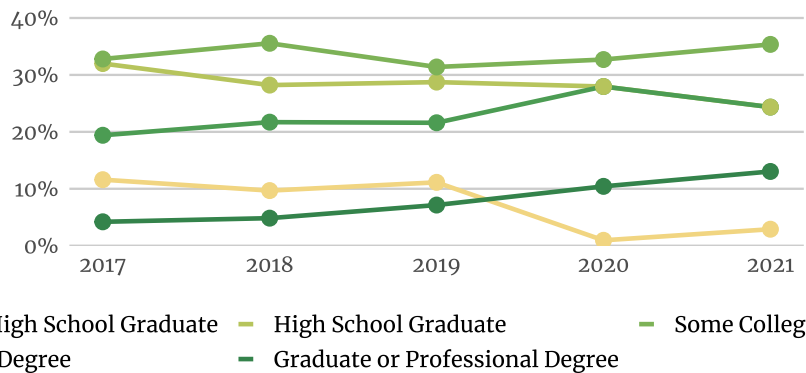
20 - 40% 40 - 60% 60 - 80% 80 - 100%



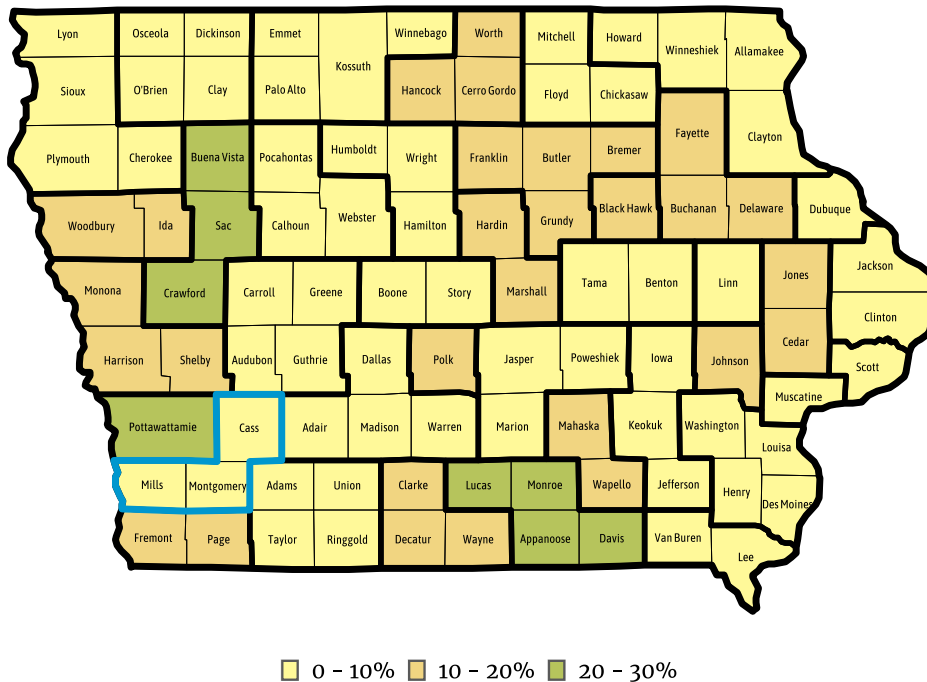
RESULT AREA: Children Ready to Succeed in School

Educational Attainment of Mothers

In 2021 2.9% of mothers age 15 to 50 had less than high school education in Boost4Families Early Childhood Iowa Area compared to the statewide value of 9.8%. Boost4Families Early Childhood Iowa Area was ranked 34th among all 38 ECI areas in 2021.



Mothers with Less than High School Education

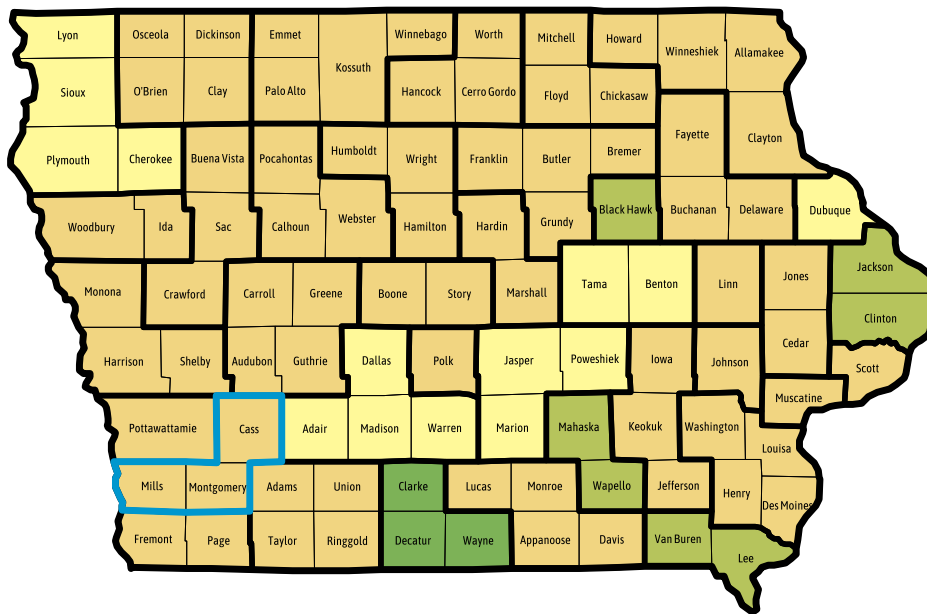
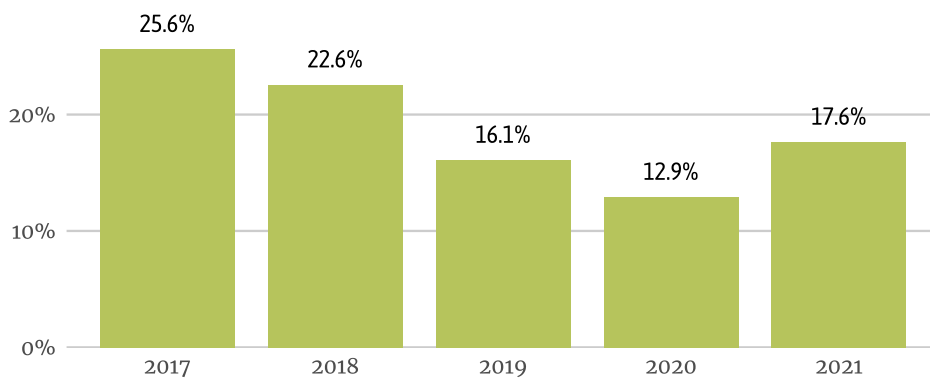




RESULT AREA: Safe and Supportive Communities

Children in Poverty

In 2021 17.6% of children under age 6 lived in low-income (below 100% of the Federal Poverty Level) families in Boost4Families Early Childhood Iowa Area compared to the statewide value of 14.7%. Boost4Families Early Childhood Iowa Area was ranked 11th among all 38 ECI areas in 2021.



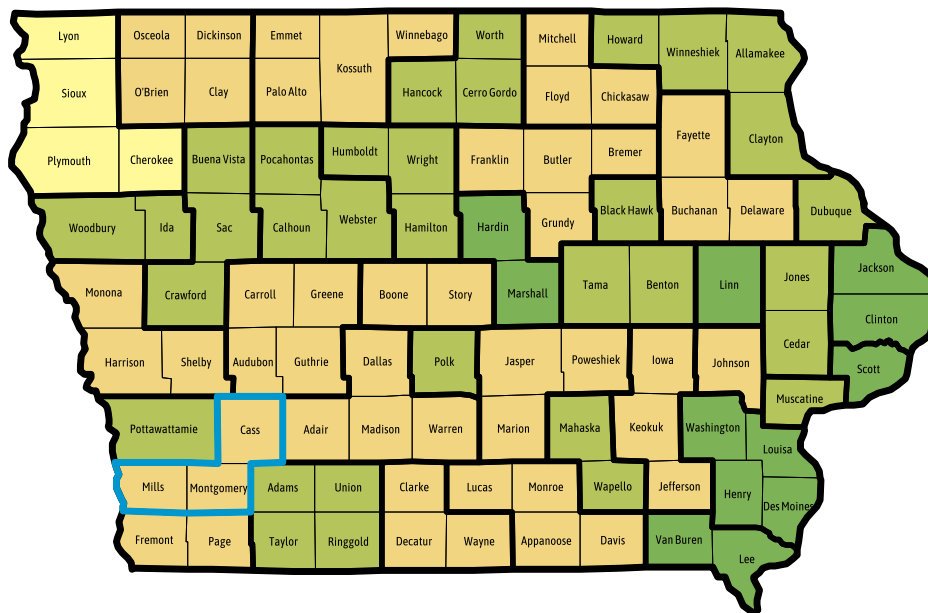
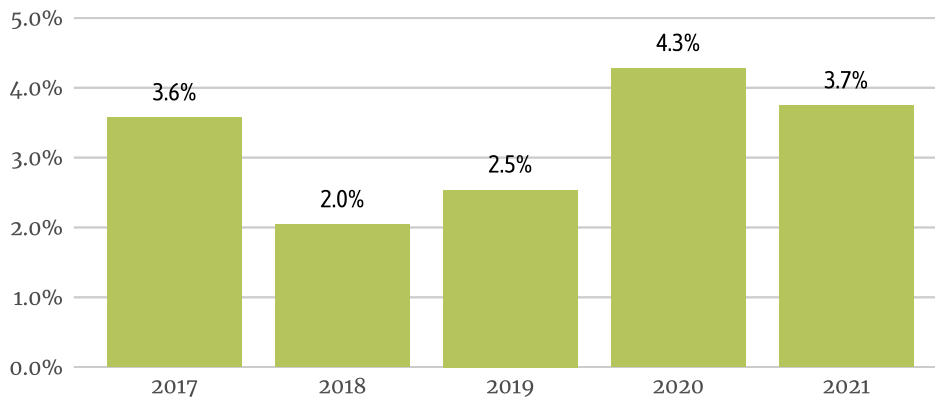
■ 0 - 10%
 ■ 10 - 20%
 ■ 20 - 30%
 ■ 30 - 40%



RESULT AREA: Safe and Supportive Communities

Unemployment

In 2021 3.7% of people were unemployed in **Boost4Families Early Childhood Iowa Area** compared to the statewide value of 4.2%. Boost4Families Early Childhood Iowa Area was ranked 30th among all 38 ECI areas in 2021.



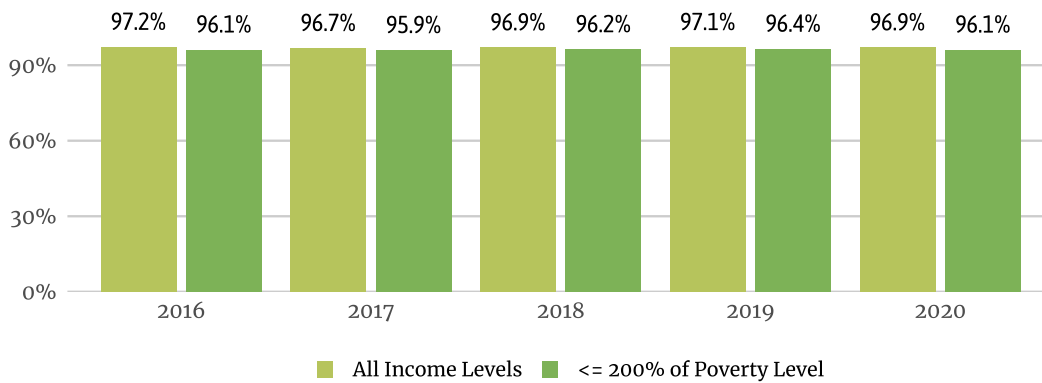
2 - 3% 3 - 4% 4 - 5% 5 - 6%



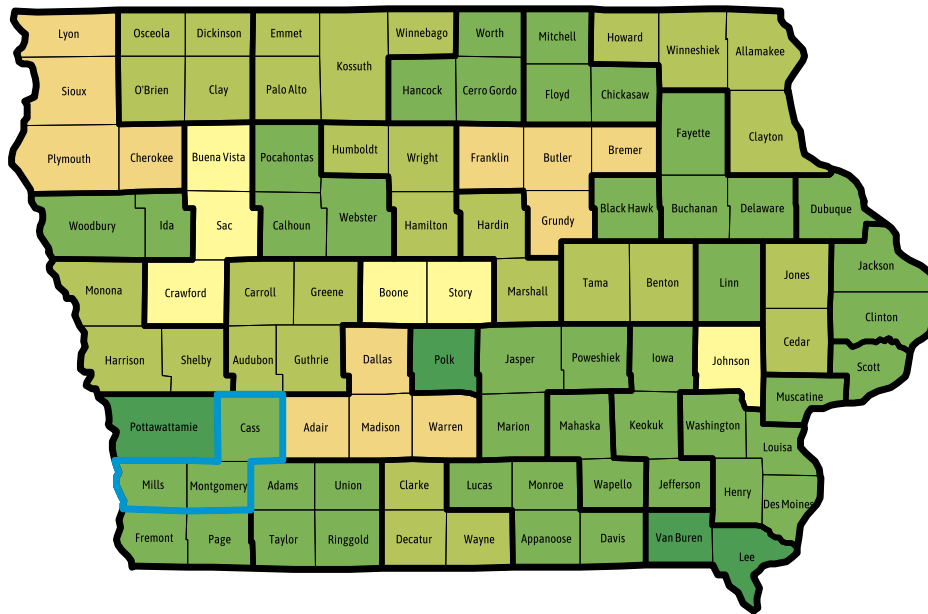
RESULT AREA: Safe and Supportive Communities

Children with Health Coverage

In 2020 96.1% of minors living in low-income (at or below 200% of the Federal Poverty Level) families had health coverage in Boost4Families Early Childhood Iowa Area compared to the statewide value of 96.1%. Boost4Families Early Childhood Iowa Area was ranked 20th among all 38 ECI areas in 2020.



Children in Families Living Below 200% of Poverty Level



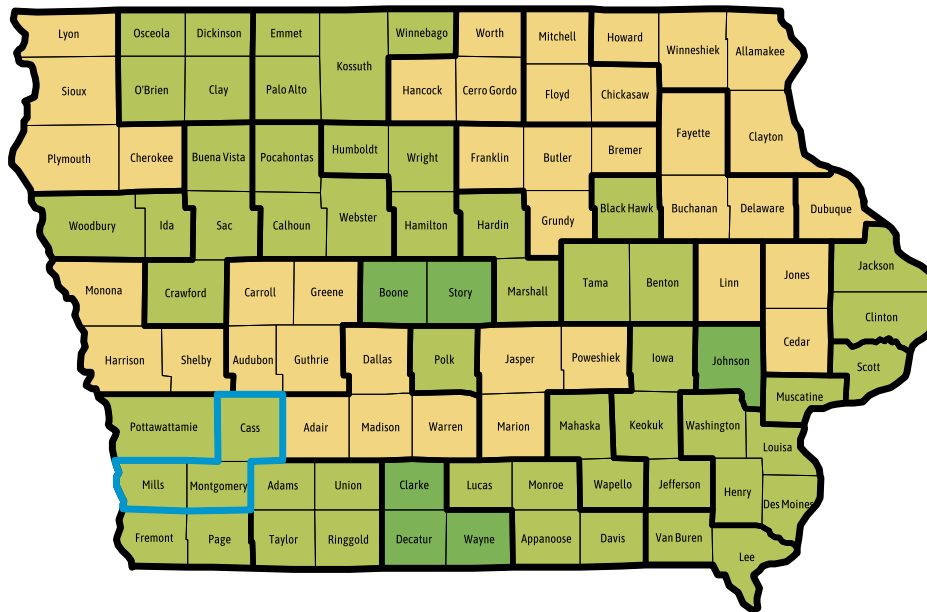
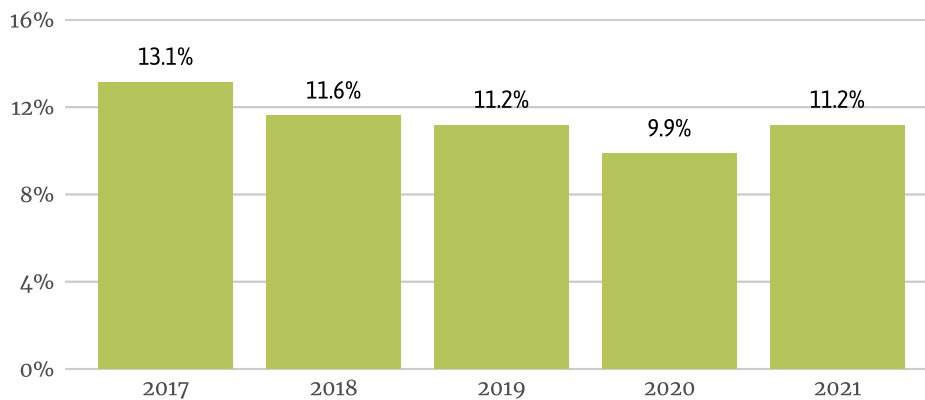
93 - 94% 94 - 95% 95 - 96% 96 - 97% 97 - 98%



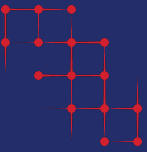
RESULT AREA: Safe and Supportive Communities

All People in Poverty

In 2021 11.2% of people lived in poverty (with household income below 100% of the Federal Poverty Level) in Boost4Families Early Childhood Iowa Area compared to the statewide value of 11.0%. Boost4Families Early Childhood Iowa Area was ranked 16th among all 38 ECI areas in 2021.



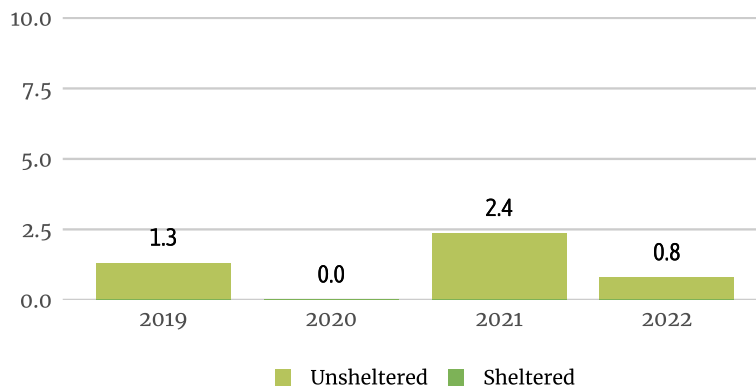
0 - 5% 5 - 10% 10 - 15% 15 - 20%



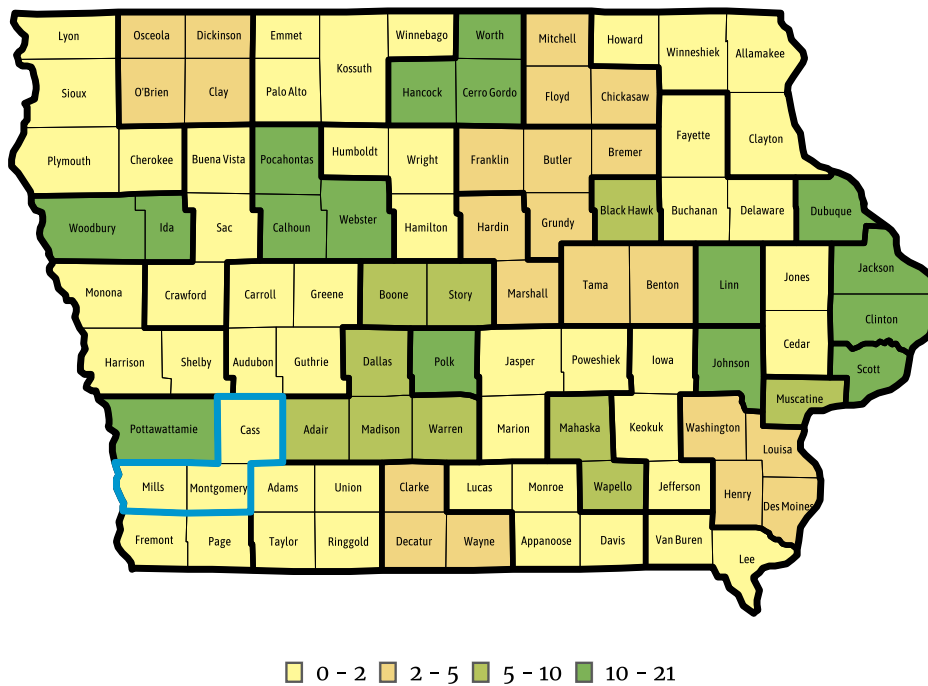
RESULT AREA: Safe and Supportive Communities

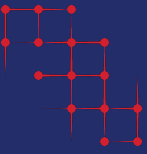
Homelessness Count

In 2022 1 per 10,000 population were homeless (point in time) in Boost4Families Early Childhood Iowa Area compared to the statewide rate of 8.3. Boost4Families Early Childhood Iowa Area was ranked 25th among all 38 ECI areas in 2022.



Total Homeless (Sheltered and Unsheltered)

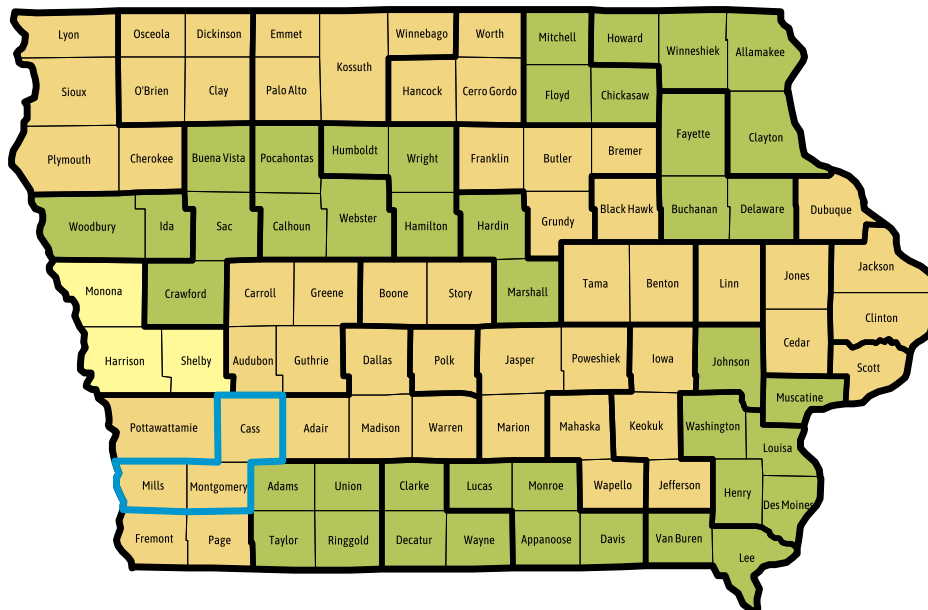
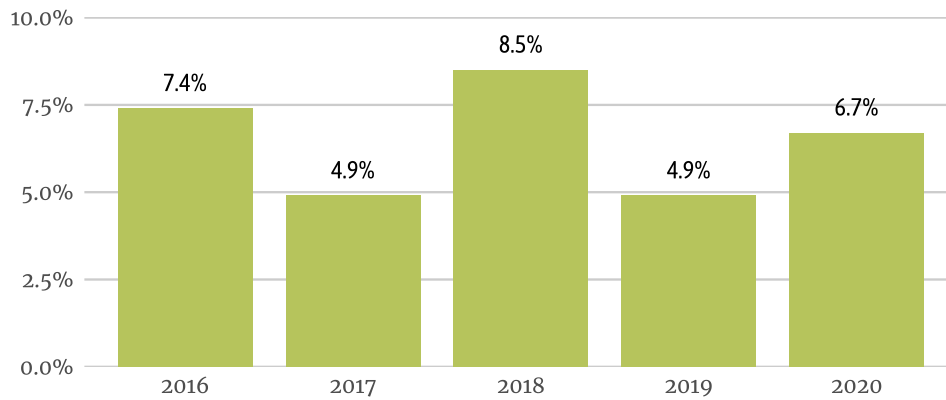




RESULT AREA: Safe and Supportive Communities

Individual Birth Risk - Inadequate Prenatal Care

In 2020 6.7% of children were born with inadequate prenatal care in Boost4Families Early Childhood Iowa Area compared to the statewide value of 8.5%. Boost4Families Early Childhood Iowa Area was ranked 29th among all 38 ECI areas in 2020.



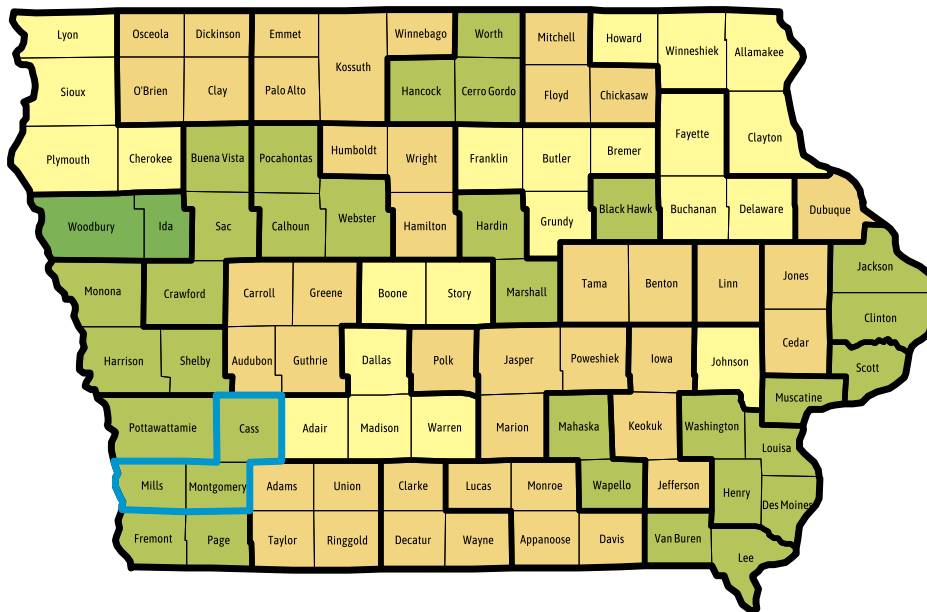
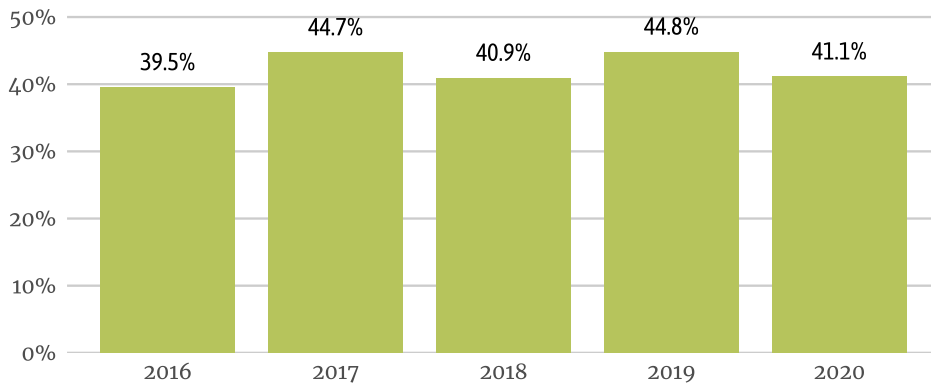
0 - 5% 5 - 10% 10 - 15%

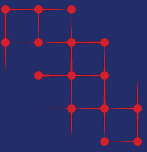


RESULT AREA: Safe and Supportive Communities

Individual Birth Risk – Unmarried Mother

In 2020 **41.1%** of children were born of unmarried mothers (at birth) in **Boost4Families Early Childhood Iowa Area** compared to the statewide value of **36.4%**. Boost4Families Early Childhood Iowa Area was ranked **16th** among all 38 ECI areas in 2020.

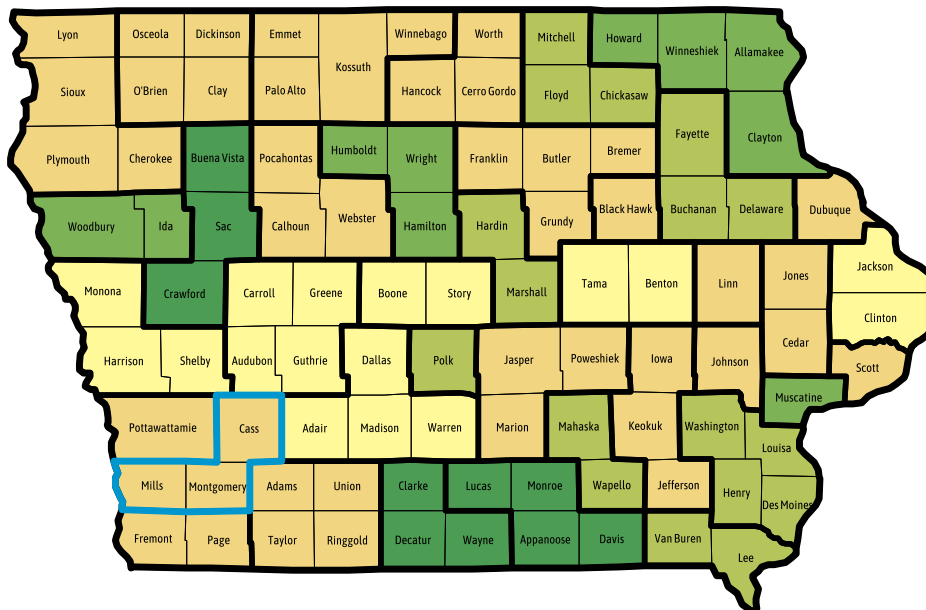
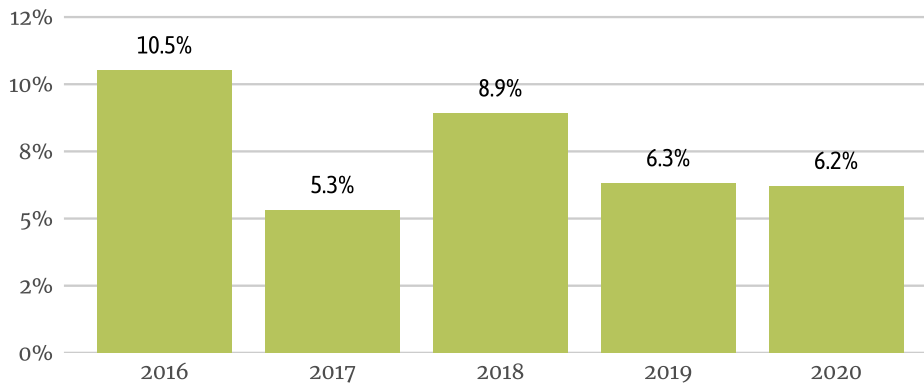




RESULT AREA: Safe and Supportive Communities

Individual Birth Risk - Low Maternal Education at Birth

In 2020 6.2% of children were born of mothers having low education (at birth) in Boost4Families Early Childhood Iowa Area compared to the statewide value of 9.3%. Boost4Families Early Childhood Iowa Area was ranked 26th among all 38 ECI areas in 2020.



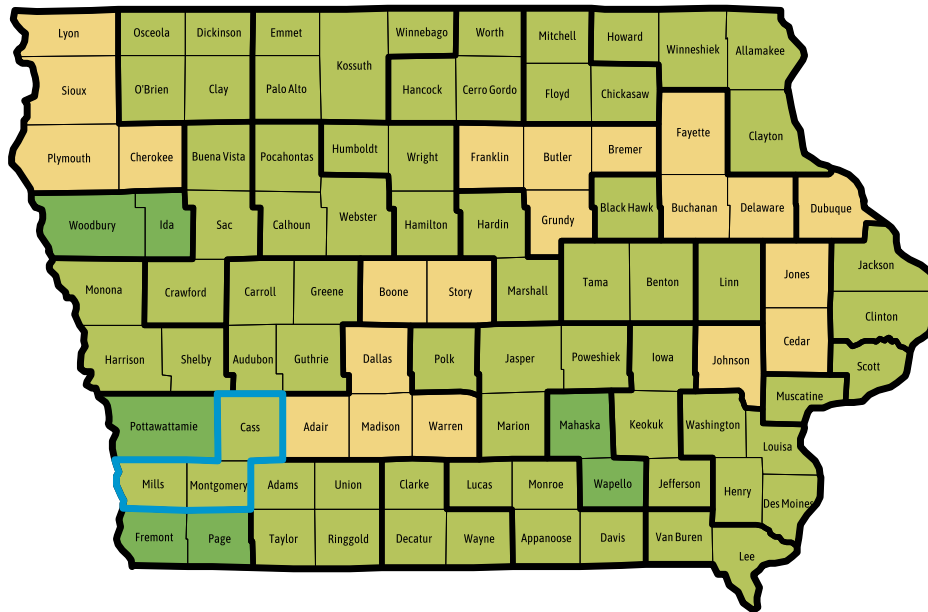
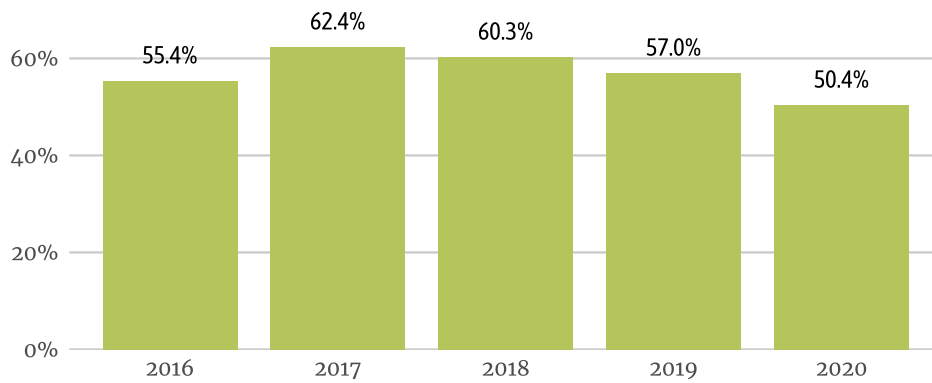
0 - 5% 5 - 10% 10 - 15% 15 - 20% 20 - 25%



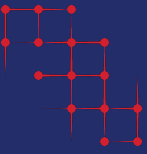
RESULT AREA: Safe and Supportive Communities

Individual Birth Risk - Poverty at Birth

In 2020 50.4% of children were born of mothers susceptible to poverty (at birth) in Boost4Families Early Childhood Iowa Area compared to the statewide value of 45.4%. Boost4Families Early Childhood Iowa Area was ranked 16th among all 38 ECI areas in 2020.



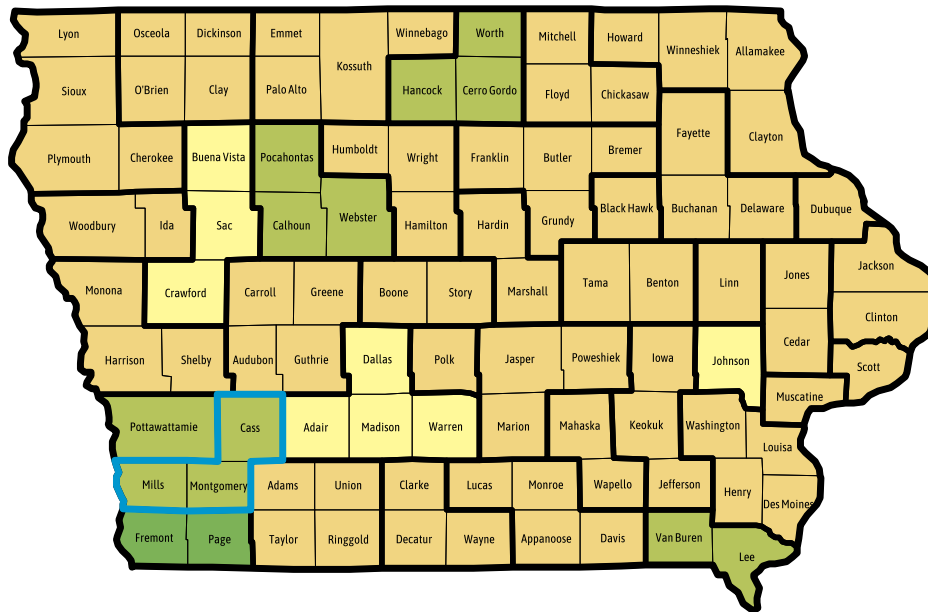
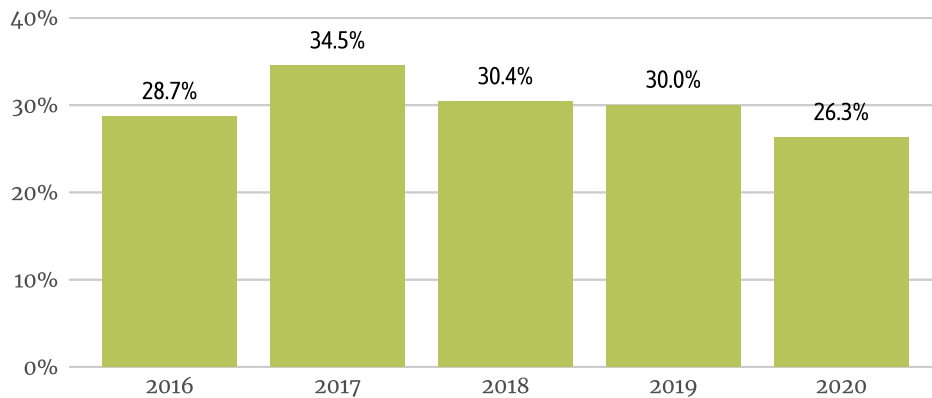
0 - 20% 20 - 40% 40 - 60% 60 - 80%



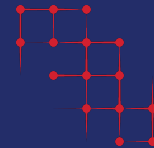
RESULT AREA: Safe and Supportive Communities

Individual Birth Risk - Prenatal Tobacco Exposure

In 2020 26.3% of children were born of mothers who smoked during pregnancy and/or three months prior to becoming pregnant in Boost4Families Early Childhood Iowa Area compared to the statewide value of 14.0%. Boost4Families Early Childhood Iowa Area was ranked 3rd among all 38 ECI areas in 2020.



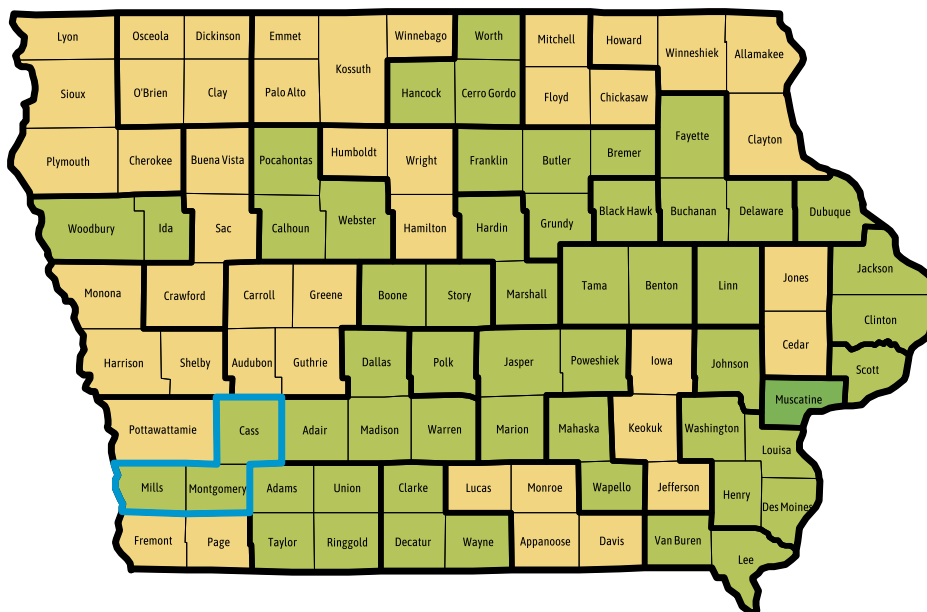
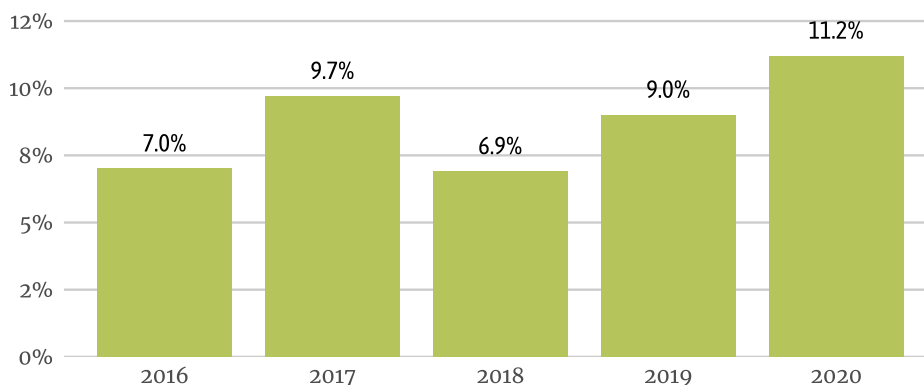
0 - 10%
 10 - 20%
 20 - 30%
 30 - 40%



RESULT AREA: Safe and Supportive Communities

Individual Birth Risk – Preterm or Low Birth Weight

In 2020 **11.2%** of children were born preterm or with low birth weight in **Boost4Families Early Childhood Iowa Area** compared to the statewide value of **11.3%**. Boost4Families Early Childhood Iowa Area was ranked **15th** among all 38 ECI areas in 2020.



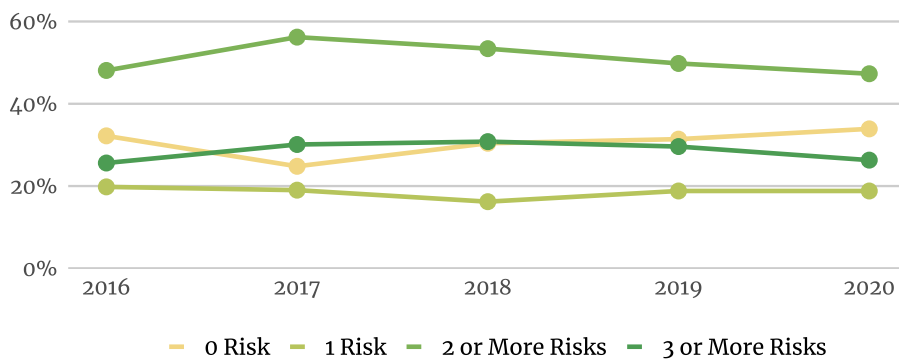
0 - 5% 5 - 10% 10 - 15% 15 - 20%



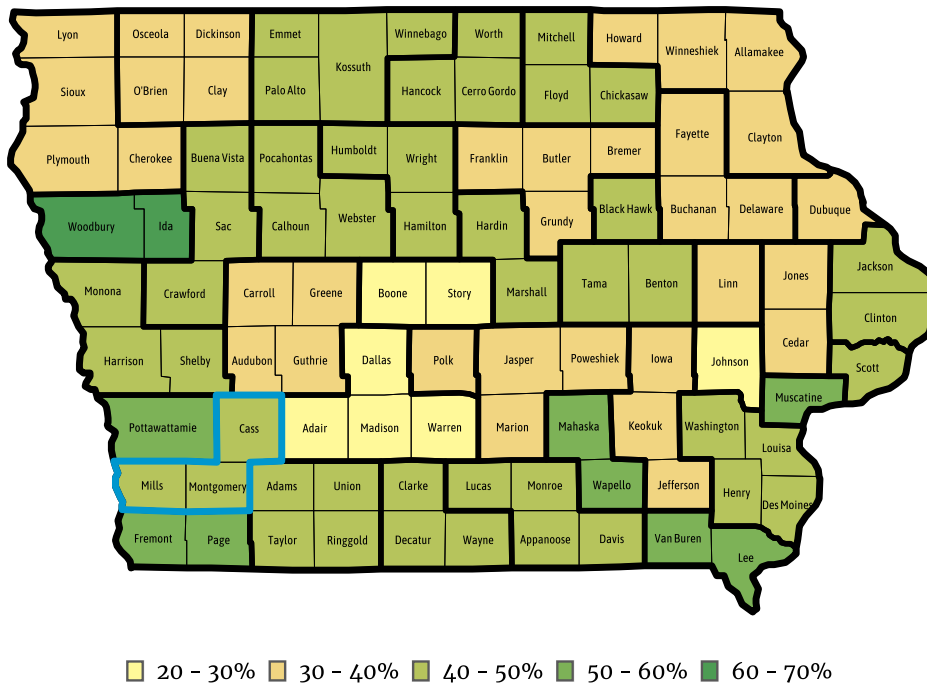
RESULT AREA: Safe and Supportive Communities

Cumulative Birth Risks

In 2020 **47.3%** of children were born with 2 or more risk factors in **Boost4Families Early Childhood Iowa Area** compared to the statewide value of **40.3%**. Boost4Families Early Childhood Iowa Area was ranked **13th** among all 38 ECI areas in 2020.



Children with 2 or More Risk Factors

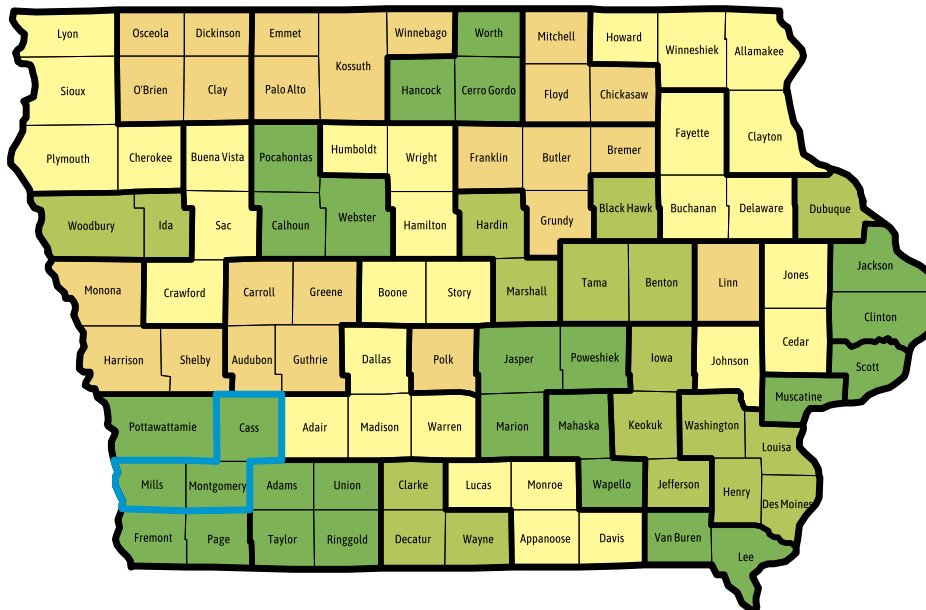
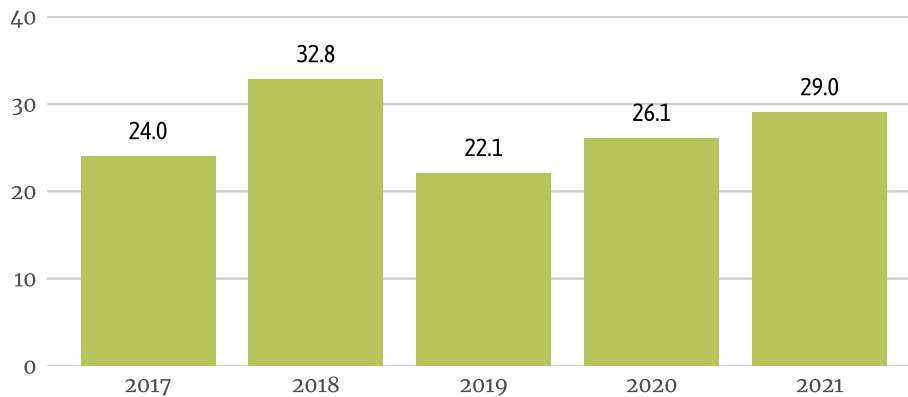




RESULT AREA: Secure and Nurturing Families

Incidence of Child Abuse

In 2021 29 in 1,000 children under age 6 have been abused or neglected in **Boost4Families Early Childhood Iowa Area** compared to the statewide rate of 22.6. Boost4Families Early Childhood Iowa Area was ranked 9th among all 38 ECI areas in 2021.



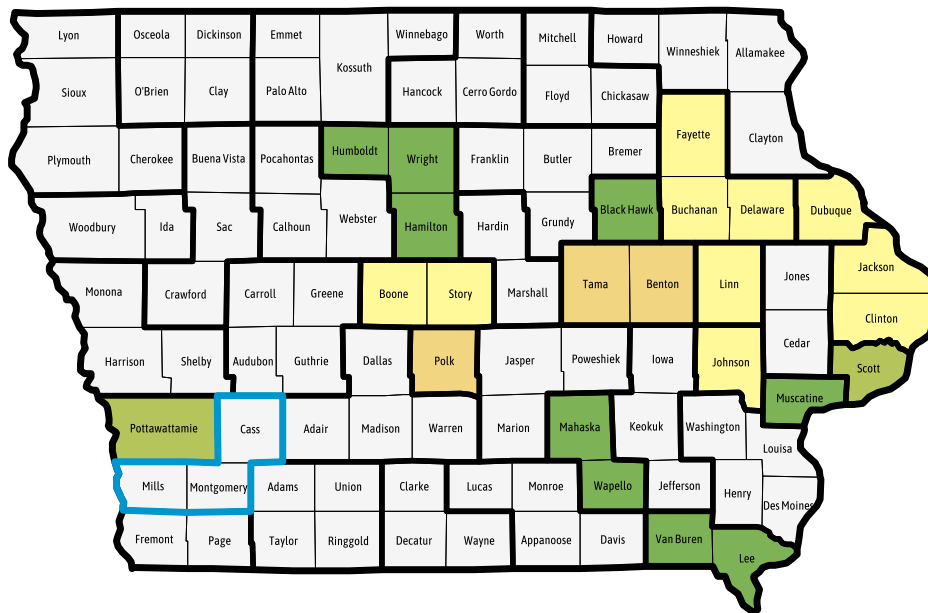
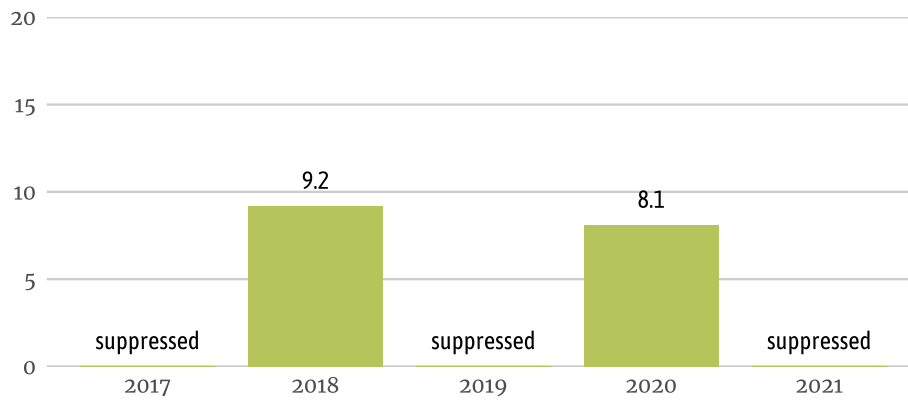
0 - 19 19 - 24 24 - 28 28 - 45



RESULT AREA: Secure and Nurturing Families

Mothers Under 20

Mothers Under 20 could not be computed for Boost4Families Early Childhood Iowa Area due to suppressed data for one or more comprising counties in 2021. The statewide value for that year was 6.3.



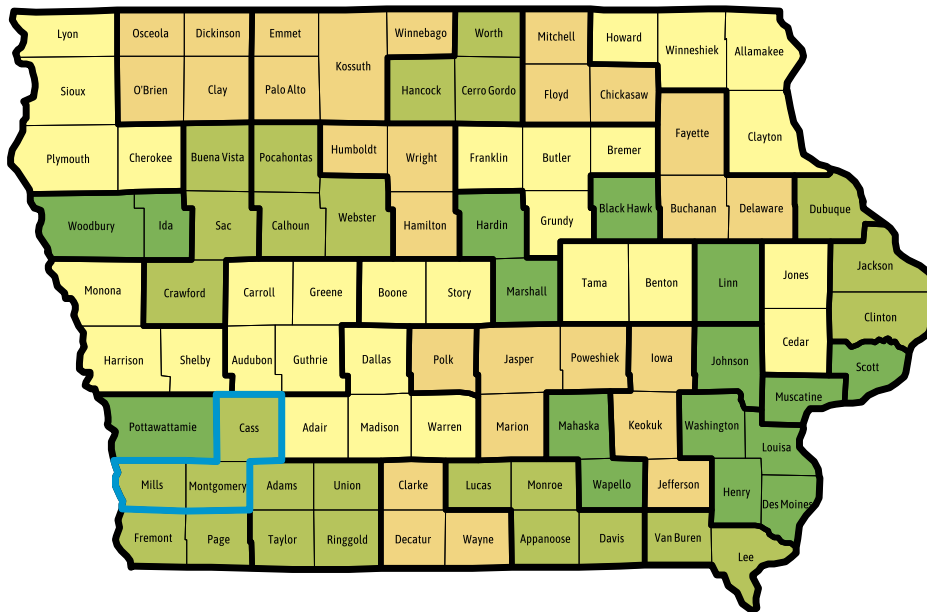
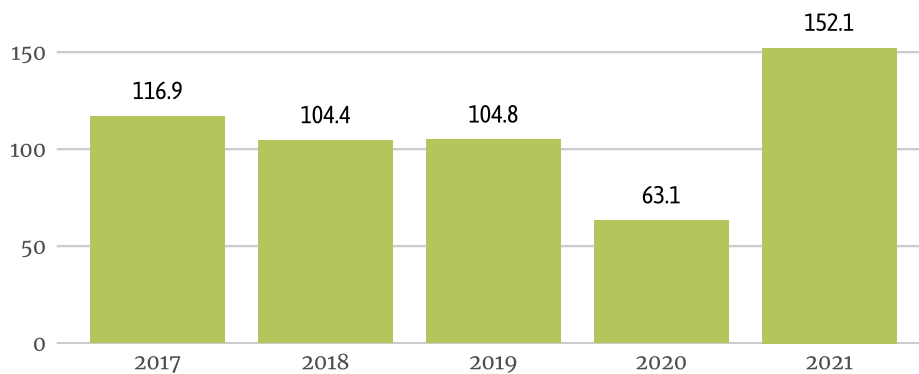
0 - 7
 7 - 8
 8 - 9
 9 - 13
 suppressed



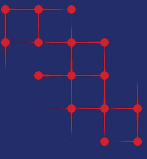
RESULT AREA: Secure and Nurturing Families

Domestic Violence

In 2021 152 per 100,000 population were a victim of domestic abuse in Boost4Families Early Childhood Iowa Area compared to the statewide rate of 191.5. Boost4Families Early Childhood Iowa Area was ranked 20th among all 38 ECI areas in 2021.



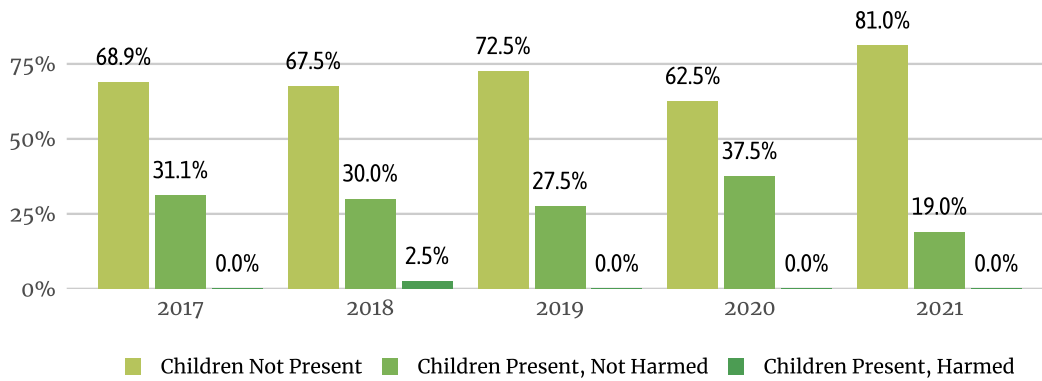
0 - 109 109 - 152 152 - 212 212 - 750



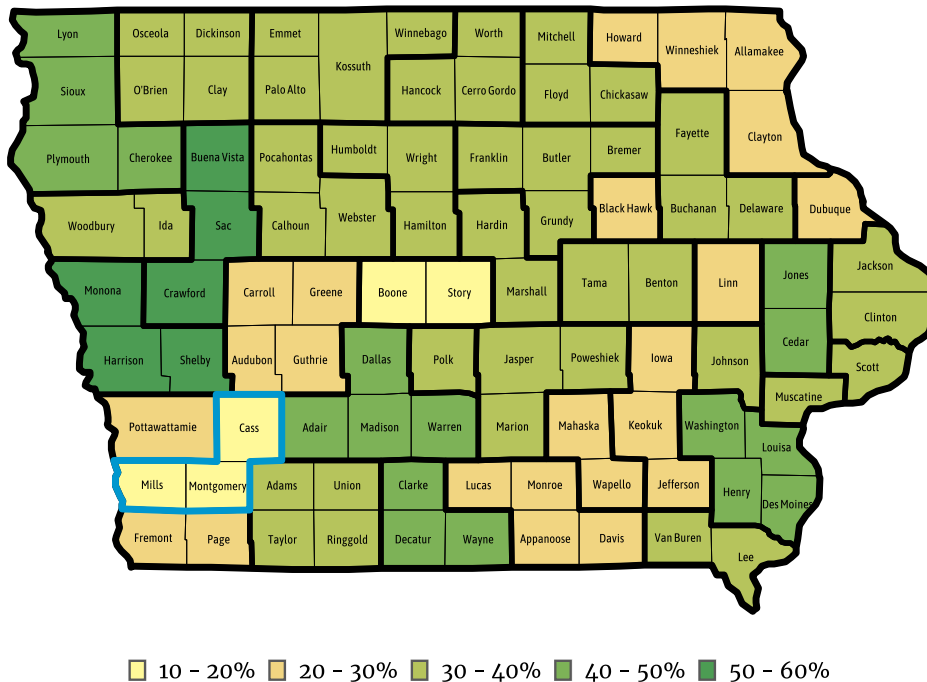
RESULT AREA: Secure and Nurturing Families

Domestic Abuse Incident Characteristics

In 2021 children were present in 19.0% of domestic violence incidents in **Boost4Families Early Childhood Iowa Area** compared to the statewide value of 31.8%. Boost4Families Early Childhood Iowa Area was ranked 37th among all 38 ECI areas in 2021.



Children Present (Harmed and Not Harmed)

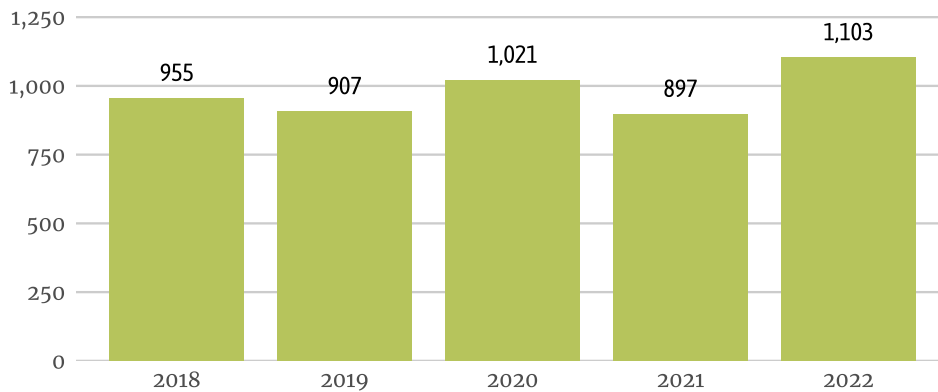




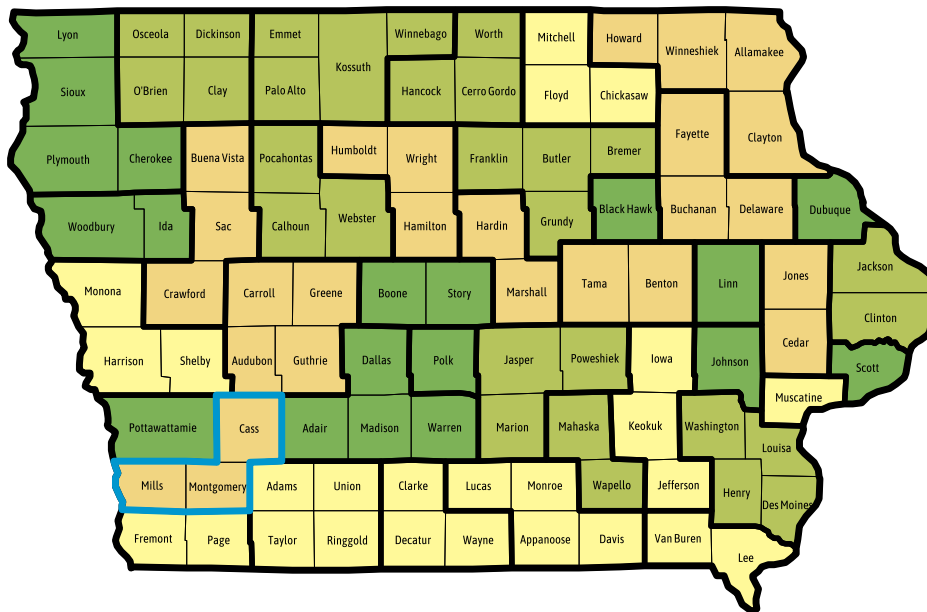
RESULT AREA: Secure and Nurturing Early Learning Environments

Availability of Child Care – Licensed Centers and Preschools

In 2022 **1,103** slots were potentially available for children in DHS licensed centers and preschools in **Boost4Families Early Childhood Iowa Area**. Boost4Families Early Childhood Iowa Area was ranked **28th** among all 38 ECI areas in 2022.



Licensed Centers and Preschools



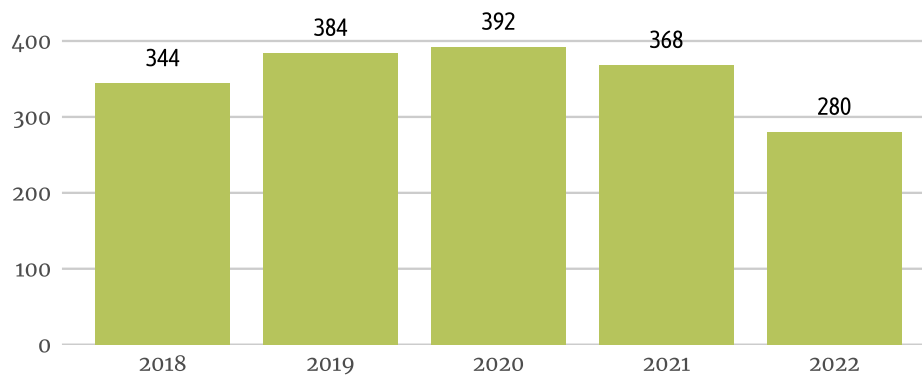
■ 0 - 1,095
 ■ 1,095 - 1,716
 ■ 1,716 - 2,645
 ■ 2,645 - 29,700



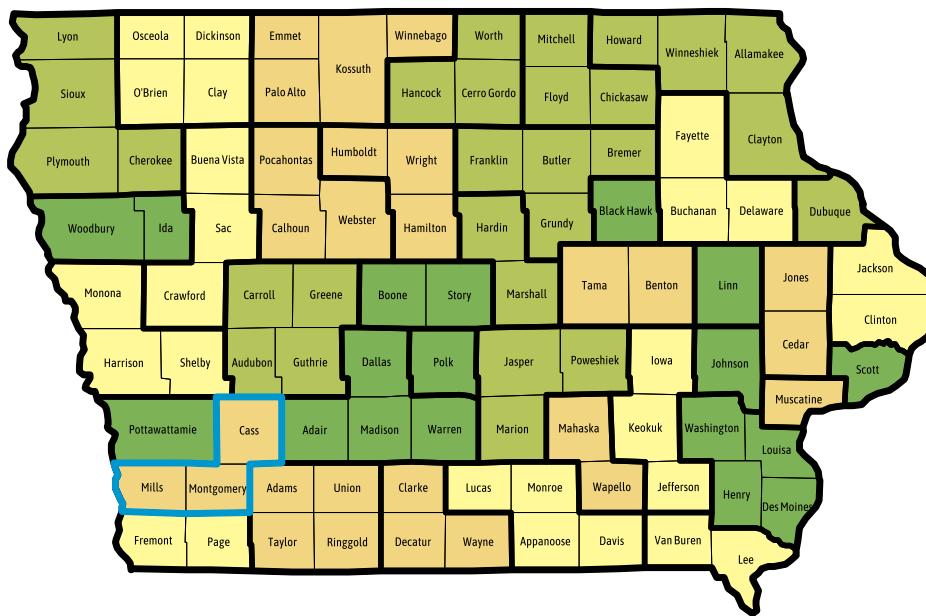
RESULT AREA: Secure and Nurturing Early Learning Environments

Availability of Child Care - Child Development Homes

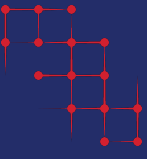
In 2022 **280** slots were potentially available for children in DHS registered child development homes in **Boost4Families Early Childhood Iowa Area**. Boost4Families Early Childhood Iowa Area was ranked **29th** among all 38 ECI areas in 2022.



Child Development Homes



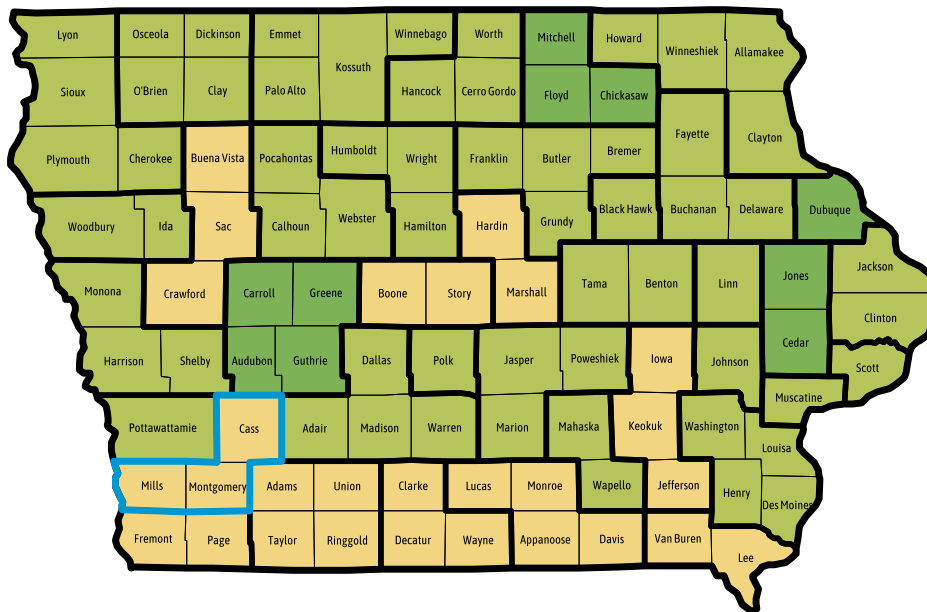
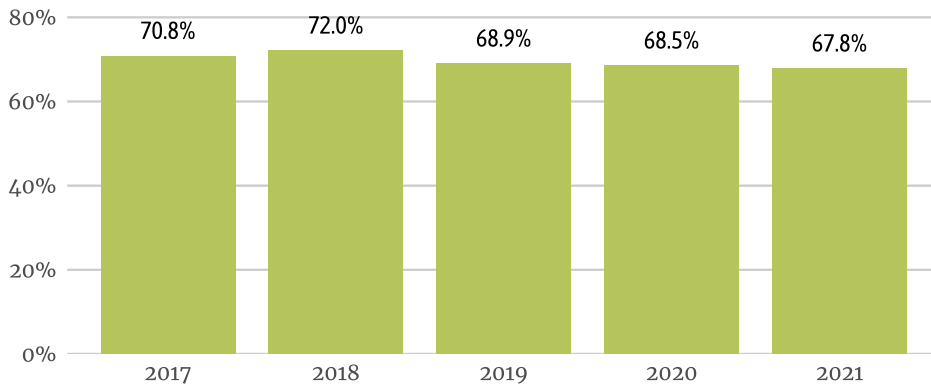
0 - 280 280 - 476 476 - 684 684 - 4,800



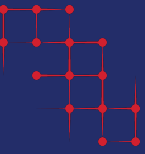
RESULT AREA: Secure and Nurturing Early Learning Environments

Working Parents

In 2021 67.8% of children under age 6 lived in families with all parents working in **Boost4Families Early Childhood Iowa Area** compared to the statewide value of 75.7%. Boost4Families Early Childhood Iowa Area was ranked 29th among all 38 ECI areas in 2021.



50 - 60% 60 - 70% 70 - 80% 80 - 90%



APPENDIX A: ECI Approved Indicators

Low Birth Weight

Percentage of live-born full-term singleton babies who weigh under 2,500 grams.

Immunized Children

Percentage of children fully immunized by age 2.

Dental Services

Percentage of Medicaid-enrolled children ages 0 to 5 who received dental and/or oral health services.

Infant Mortality

Rate of infant mortality per 1,000 live births.

Early Literacy Skills

Percentage of kindergartners meeting the fall benchmark for the early literacy universal screening measure requirements.

Educational Attainment of Mothers

Percentage of women age 15-50 with a birth in the past 12 months by educational attainment.

Children in Poverty

Percentage of children, under 6, who live in families with incomes below 100 percent of the U.S. poverty threshold, as defined by the U.S. Office of Management and Budget.

Unemployment

Percentage of unemployed persons 16 years and older.

Children with Health Coverage

Percentage of minor children with health coverage by poverty level.

All People in Poverty

Percentage of people who live in families with incomes below 100 percent of the U.S. poverty threshold, as defined by the U.S. Office of Management and Budget.

Homelessness Count

Point in Time counts of sheltered and unsheltered homeless individuals per 10,000 population.

Individual Birth Risk - Inadequate Prenatal Care

Percentage of children born of mothers who received inadequate prenatal care.



Individual Birth Risk - Teenage Mother

Percentage of children born of teenage mothers.

Individual Birth Risk - Unmarried Mother

Percentage of children born of unmarried mothers.

Individual Birth Risk - Low Maternal Education at Birth

Percentage of children born of mothers with low education.

Individual Birth Risk - Poverty at Birth

Percentage of children born of mothers being susceptible to poverty.

Individual Birth Risk - Prenatal Tobacco Exposure

Percentage of children born of mothers who smoke during pregnancy and/or three months prior to becoming pregnant.

Individual Birth Risk - Preterm or Low Birth Weight

Percentage of children born preterm or with low birth weight.

Cumulative Birth Risks

Percentage of children with 0, 1, 2 or more, or 3 or more risk factors. Note, cumulative risk was calculated by adding risks that were present at the time of child birth, including the following risks: unmarried mother, teenage mother, low maternal education, prenatal tobacco exposure, poverty, inadequate prenatal care, and preterm or low birth weight. This indicator has a maximum possible score of 6 as low maternal education and teenage mother were mutually exclusive.

Incidence of Child Abuse

Child abuse incidence rate per 1,000 for children 5 years and under..

Mothers Under 20

Rate of live births born to women aged 15 to 19 per 1,000 women in this age range.

Domestic Violence

Rate of domestic abuse per 100,000 population.

Domestic Abuse Incident Characteristics

Percentage of domestic abuse incidents by child presence.

Availability of Child Care

Number of slots (spaces) potentially available for children in DHS licensed centers/preschools or registered child development homes.

Working Parents

Percentage of children under 6 years with all parents in the labor force.

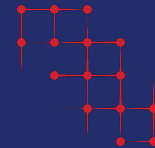


APPENDIX B: Demographic Data

Iowa Population Estimates 2021

US Census Bureau, ACS 5-Year Estimates

	Population					% Minority		
	Under 3	Under 5	Under 6	Under 18	Total	Under 5	Under 18	Total
Iowa								
Statewide	113,759	194,570	235,958	742,175	3,179,090	25.8%	24.1%	15.6%
Counties								
Adair	241	442	496	1,663	7,439	8.6%	9.4%	5.2%
Adams	111	207	256	794	3,697	4.3%	4.7%	4.7%
Allamakee	461	959	1,206	3,351	14,068	19.6%	18.8%	10.4%
Appanoose	304	640	896	2,816	12,310	3.9%	11.1%	5.7%
Audubon	221	381	421	1,259	5,657	17.3%	12.0%	4.3%
Benton	999	1,567	1,801	6,016	25,654	11.0%	7.6%	4.7%
Black Hawk	4,762	8,172	9,411	28,843	131,396	34.9%	33.3%	20.3%
Boone	886	1,428	1,746	5,780	26,721	11.2%	11.6%	6.0%
Bremer	779	1,418	1,796	5,701	24,863	8.3%	8.7%	5.7%
Buchanan	886	1,370	1,582	5,430	20,598	6.1%	6.2%	4.4%
Buena Vista	858	1,482	1,743	5,430	20,723	64.6%	60.6%	43.3%
Butler	524	767	919	3,323	14,421	8.7%	7.0%	4.1%
Calhoun	323	588	702	2,236	9,962	11.9%	12.0%	6.6%
Carroll	739	1,269	1,644	4,981	20,756	10.3%	7.5%	6.5%
Cass	414	717	849	2,998	13,158	11.7%	9.7%	5.5%
Cedar	668	907	1,200	4,092	18,494	3.6%	8.1%	5.2%
Cerro Gordo	1,415	2,289	2,819	9,086	43,185	17.9%	18.7%	10.5%
Cherokee	410	613	723	2,629	11,606	11.1%	20.2%	9.4%
Chickasaw	543	809	989	2,872	12,021	19.7%	8.9%	4.9%
Clarke	462	625	826	2,546	9,736	28.3%	30.6%	19.4%
Clay	532	945	1,038	3,847	16,410	9.2%	14.4%	7.3%
Clayton	630	1,007	1,326	3,731	17,173	12.7%	8.4%	4.4%
Clinton	1,706	2,728	3,214	10,645	46,589	18.8%	16.3%	9.8%
Crawford	417	995	1,223	4,210	16,555	48.7%	54.1%	36.1%
Dallas	4,282	7,068	8,717	26,545	96,604	24.2%	21.7%	16.8%
Davis	473	820	998	2,691	9,066	10.9%	5.9%	4.8%
Decatur	293	459	568	1,684	7,718	4.8%	7.1%	8.7%
Delaware	680	1,134	1,305	4,210	17,508	12.6%	8.6%	4.3%
Des Moines	1,154	2,207	2,922	8,908	39,069	24.5%	24.3%	14.0%
Dickinson	398	767	997	3,423	17,536	5.2%	10.7%	5.6%
Dubuque	3,452	6,082	7,436	22,618	98,687	19.3%	17.2%	10.2%
Emmet	337	511	617	1,935	9,433	36.2%	31.0%	14.7%
Fayette	674	1,076	1,343	4,183	19,582	10.6%	10.7%	7.7%
Floyd	538	943	1,142	3,591	15,672	17.6%	15.3%	10.4%
Franklin	431	611	760	2,359	10,056	32.2%	29.8%	15.9%
Fremont	211	355	409	1,528	6,702	5.6%	10.7%	5.9%
Greene	244	492	678	1,997	8,831	6.5%	8.0%	6.2%
Grundy	316	689	876	2,903	12,336	8.6%	7.7%	4.0%



Guthrie	297	528	649	2,356	10,599	9.1%	10.8%	6.0%
Hamilton	471	848	1,024	3,464	15,073	13.2%	21.5%	11.7%
Hancock	307	624	816	2,367	10,837	20.8%	14.2%	8.2%
Hardin	463	796	948	3,378	16,997	8.0%	14.7%	8.9%
Harrison	498	852	1,014	3,423	14,589	5.2%	7.5%	4.3%
Henry	538	1,084	1,247	4,433	20,488	13.8%	17.9%	12.8%
Howard	385	675	847	2,418	9,456	13.3%	8.6%	4.6%
Humboldt	296	582	676	2,308	9,622	10.5%	12.8%	7.6%
Ida	256	405	478	1,733	6,979	9.4%	9.6%	6.1%
Iowa	562	931	1,091	3,851	16,596	6.0%	9.3%	6.2%
Jackson	719	1,153	1,398	4,324	19,499	12.8%	8.2%	5.0%
Jasper	1,139	2,099	2,635	8,442	37,686	8.6%	9.8%	7.4%
Jefferson	393	850	1,053	3,206	15,846	35.2%	34.1%	19.6%
Johnson	5,168	8,670	10,644	30,374	151,833	36.1%	32.9%	23.0%
Jones	613	1,141	1,386	4,498	20,680	18.5%	11.0%	7.5%
Keokuk	292	587	725	2,322	10,050	11.1%	7.1%	4.1%
Kossuth	487	890	1,076	3,297	14,823	16.7%	10.9%	6.7%
Lee	1,089	1,934	2,168	7,301	33,724	13.4%	14.1%	9.6%
Linn	8,130	14,086	16,979	53,295	228,567	27.5%	25.3%	15.7%
Louisa	449	629	787	2,466	10,891	33.5%	31.4%	22.3%
Lucas	246	515	587	1,964	8,650	1.6%	4.6%	4.2%
Lyon	549	866	1,013	3,392	11,953	7.4%	8.0%	5.0%
Madison	439	855	1,123	4,179	16,414	1.6%	9.4%	5.5%
Mahaska	876	1,429	1,642	5,316	22,132	14.0%	10.9%	7.7%
Marion	1,086	1,885	2,261	7,829	33,381	8.9%	7.7%	6.0%
Marshall	1,474	2,550	3,158	10,257	40,137	49.4%	48.2%	31.4%
Mills	394	757	912	3,457	14,658	6.1%	10.0%	6.3%
Mitchell	395	650	773	2,537	10,526	9.1%	4.3%	3.6%
Monona	297	471	577	1,950	8,732	5.5%	10.7%	5.7%
Monroe	282	467	637	1,853	7,589	15.8%	11.7%	5.2%
Montgomery	418	613	720	2,515	10,327	8.6%	17.4%	7.5%
Muscatine	1,431	2,733	3,252	10,737	43,145	36.9%	35.5%	24.3%
O'Brien	599	906	1,162	3,405	14,139	17.8%	16.7%	8.8%
Osceola	190	337	452	1,462	6,168	17.2%	21.1%	12.7%
Page	480	752	939	3,041	15,250	16.6%	18.8%	9.8%
Palo Alto	274	568	676	2,131	8,996	16.5%	16.6%	8.1%
Plymouth	836	1,559	2,013	6,441	25,543	14.7%	15.1%	9.4%
Pocahontas	264	424	547	1,604	7,091	15.6%	11.1%	7.8%
Polk	19,846	33,634	40,109	121,827	488,871	36.6%	35.4%	23.8%
Pottawattamie	3,280	5,836	7,152	22,184	93,571	24.0%	21.0%	13.6%
Poweshiek	519	907	1,055	3,733	18,628	10.1%	10.4%	8.6%
Ringgold	144	288	330	1,149	4,739	8.7%	9.4%	5.2%
Sac	344	568	683	2,193	9,829	9.7%	9.8%	6.0%
Scott	6,246	10,784	12,911	41,552	174,170	33.6%	32.7%	21.4%
Shelby	348	583	730	2,586	11,750	7.9%	6.2%	6.0%
Sioux	1,420	2,566	2,914	9,759	35,647	26.6%	21.9%	13.6%
Story	2,628	4,368	5,480	16,316	98,106	22.7%	21.6%	17.2%
Tama	692	1,033	1,286	4,154	17,079	34.8%	34.1%	20.7%
Taylor	209	333	397	1,388	5,932	7.8%	15.6%	10.9%
Union	439	677	766	2,761	12,193	10.2%	9.3%	6.4%
Van Buren	285	434	533	1,671	7,196	3.2%	5.0%	3.9%
Wapello	1,421	2,170	2,753	8,221	35,343	32.3%	31.3%	19.5%



Warren	1,756	3,047	3,719	12,858	51,862	9.1%	9.4%	6.5%
Washington	900	1,452	1,716	5,616	22,525	15.8%	15.9%	9.9%
Wayne	269	472	567	1,684	6,504	12.1%	9.3%	5.5%
Webster	1,289	2,168	2,563	7,967	37,114	24.4%	22.7%	14.6%
Winnebago	327	542	773	2,382	10,743	11.4%	14.4%	9.3%
Winneshiek	627	931	1,157	3,740	20,100	11.5%	8.7%	5.3%
Woodbury	4,189	7,323	9,137	27,491	105,102	48.7%	42.9%	29.6%
Worth	198	410	555	1,542	7,450	7.1%	8.2%	5.9%
Wright	527	804	993	3,221	12,978	34.5%	30.9%	16.5%