

Profile of Child Well-Being in Muscatine County



Population Profile

The population 17 years of age or younger in Muscatine County in 2000 was 11,219, an increase of 0.7 percent since 1990. According to projections, the youth population will decline to 10,956 by 2020.

In Muscatine County, youth accounted for 26.9 percent of the total population in 2000 compared to 25.1 percent statewide. Minority youth in the county numbered 2,454 in 2000 and are projected to increase to 3,020 by 2020.

1. Population 17 Years or Younger

	Muscatine County			
	1990	2000	2010*	2020*
Total population	39,907	41,722	43,205	45,037
Percent 17 or younger	27.9	26.9	24.4	24.3
Population 17 or younger	11,140	11,219	10,537	10,956
0 to 4 years	2,942	2,888	2,961	3,088
5 to 9 years	3,240	3,219	2,944	3,048
10 to 14 years	3,186	3,127	2,881	3,039
15 to 17 years	1,772	1,985	1,751	1,781
Minority [^] Population 17 or younger	n/a	2,454	2,580	3,020
0 to 4 years	n/a	748	740	900
5 to 9 years	n/a	728	720	842
10 to 14 years	n/a	602	750	812
15 to 17 years	n/a	376	370	466
Female Population 17 or younger	5,427	5,407	5,127	5,349
0 to 4 years	1,413	1,423	1,447	1,505
5 to 9 years	1,554	1,544	1,437	1,482
10 to 14 years	1,593	1,485	1,429	1,493
15 to 17 years	867	955	814	869
Male Population 17 or younger	5,713	5,812	5,410	5,607
0 to 4 years	1,529	1,465	1,514	1,583
5 to 9 years	1,686	1,675	1,507	1,566
10 to 14 years	1,593	1,642	1,452	1,546
15 to 17 years	905	1,030	937	912

[^] Minority includes all persons except white non-Hispanics.

Source: U.S. Bureau of the Census, Summary File 1, *Projections by Woods & Poole Economics, Inc., 2004

Data and support for this profile provided by:

Margie Hanson
Office of Social and Economic
Trend Analysis (SETA)
Iowa State University
www.seta.iastate.edu
e-mail: seta@iastate.edu

Michael Crawford
Iowa Kids Count
Child and Family Policy Center
Des Moines, Iowa
www.cfpciowa.org/ipkc.shtml
e-mail: mcrawford@cfpciowa.org
phone: (515) 280-9027

Beth Henning
State Data Center
State Library of Iowa
Des Moines, Iowa
www.iowadatacenter.org
e-mail:
beth.henning@lib.state.ia.us
phone: (515) 281-4350

Health Profile

As the number of total births in Muscatine County dropped from 1999 to 2003, the number of births to teens decreased by 40. In 1999, births to teens accounted for 19.2 percent of total births in the county compared to 12.9 percent in 2003.

Teen parenting is used as a predictor of future economic hardship for both parents and children. Teen parents are often less able to provide positive, safe and caring environments, or family stability.

In Muscatine County, 5.5 percent of total births in 2003 were low birthweight compared to 6.6 percent statewide.

Low birthweight (less than 5.5 pounds or 2,500 grams) can be an indicator of mothers not receiving adequate prenatal care and is often a good predictor of future health and developmental complications.

Early and ongoing prenatal care increases the chances of delivering healthy, full-term, and normal weight babies. Rates are per 1,000 live births.

For the period from 1998 to 2001, the rate of mothers in Muscatine County receiving prenatal care during the first trimester of their pregnancy was 888.3 compared to 869.8 statewide.



2. Births to Teens, Low Birthweight Births, Pre-natal Care, and Immunizations

Year	Muscatine County		State		Muscatine County		State		Muscatine County		State	
	n	% of total births	n	% of total births	(per 1,000 live births)	rate (per 1,000 live births)	% of total births	rate (per 1,000 live births)	% fully immunized	% fully immunized	% fully immunized	% fully immunized
1999	119	19.2	33	5.3	6.2	---	6.2	6.2	---	91.0	84.0	84.0
2000	102	16.0	27	4.2	6.1	---	6.1	6.1	---	84.0	86.0	86.0
2001	97	14.9	35	5.4	6.4	888.3	6.4	869.8	888.3	86.0	88.0	88.0
2002	69	10.9	40	6.3	6.6	n/a	6.6	n/a	n/a	90.0	85.0	85.0
2003	79	12.9	34	5.5	6.6	n/a	6.6	n/a	n/a	82.0	89.0	89.0

Source: Iowa Department of Public Health

*NOTE: Immunization data reflect only one site per county so should be interpreted with caution.

In Muscatine County in 2003, 82 percent of children 24 months of age were reported to be fully immunized compared to 91 percent in 1999. Percentages for the state were 89 in 2003 and 84 in 1999.

Fully immunized = 4 DTP/DTaP, 3 Polio, 1 MMR, 3 Hib, 3 Hep. B by 24 months of age.

Infant mortality is considered one of the best overall measures of health care accessibility and quality in that it measures the health of the most vulnerable in a given population. The infant mortality rate is the number of infants who die before their first birthday per 1,000 live births.

In Muscatine County, the infant mortality rate from 2001 to 2003 was 3.2, higher than the county rate of 1995-1998 and lower than the statewide rate of 5.5 in 2001-2003 period.

NOTE: Due to the relatively low number of births, infant deaths, and child deaths per year in many of Iowa's counties, users are encouraged to use 3-5 year averages for comparative purposes. These are presented in Tables 3 and 4.



3. Infant Mortality

Year	Muscatine County		State	
	n	rate	n	rate
1995-1997	4	2.2	7.1	7.1
1998-2000	6	3.2	6.2	6.2
2001-2003	6	3.2	5.5	5.5

Source: Iowa Department of Public Health

From 2000 to 2002, the child death rate in Muscatine County was 0.1 compared to the state's rate of 0.2

Child deaths include deaths to all children ages 1 to 14. Child death rates are the number of deaths in this population per 1,000 total population age 1 to 14.

4. Child Death Rates

Year	Muscatine County		State	
	n	rate	n	rate
2000-2002	3	0.1	0.2	0.2

Source: Iowa Department of Public Health



Education Profile

In Muscatine County, 122 children were enrolled in Pre-Kindergarten during the 2003-04 school year. This was a 2 child increase from 2000-01.

Pre-Kindergarten students often demonstrate stronger early reading and math skills than non PK students.

5. Pre-Kindergarten Enrollment

	Muscatine County	State
2000-2001	120	5,797
2001-2002	117	5,714
2002-2003	131	5,949
2003-2004	122	6,907

Source: Iowa Department of Education

The Muscatine County Empowerment Area reported at least 39.1 percent of its kindergartners consistently displaying school-ready behaviors in the five areas. Statewide at least 35.9 percent of kindergarten students were reported as school ready.

"School readiness" is the result of kindergarten teachers being asked to assess their students in 5 areas: communication skills, cognitive skills, self-management skills, motor skills, and social-emotional development. Teachers report the degree to which behaviors within these five areas are observable ranging from "rarely" to "consistently".

6. School Readiness*, 2002-2003

	Empowerment Area	State
Motor Skills ¹	56.3	48.8
Communication Skills ²	39.1	35.9
Cognitive Skills ³	43.7	44.5
Social/Emotional Dev. ⁴	48.6	50.1
Self-Management Skills ⁵	41.0	43.0

* Percent reported "consistently observed"

Source: Iowa Department of Education

- ¹ Include coordination and balance, using scissors, etc.
- ² Include the ability to ask and answer questions, communicate needs, etc.
- ³ Include using a variety of words to describe a shape or color, ability to sort objects into categories, etc.
- ⁴ Includes ability to build relationships with adults and peers, express emotions and feelings, etc.
- ⁵ Includes ability to follow classroom rules and routines, take responsibility for personal belongings, etc.

Economic Profile

During the 2003-04 school year, 32.9 percent of K-12 students in Muscatine County were eligible for free or reduced-price school compared to 32.8 percent in 2000-01. Statewide a total of 144,000 students (30.0%) were eligible for free or reduced price meals.

Because eligibility for free and reduced-price school meals is an annual measure, it is a good indicator of the economic well-being of children in a community. Families with incomes 135% or less of the federal poverty threshold are eligible for free meals, those with incomes 136% to 180% of poverty are eligible for reduced-price meals.

7. Eligibility for Free or Reduced-Price School Meals

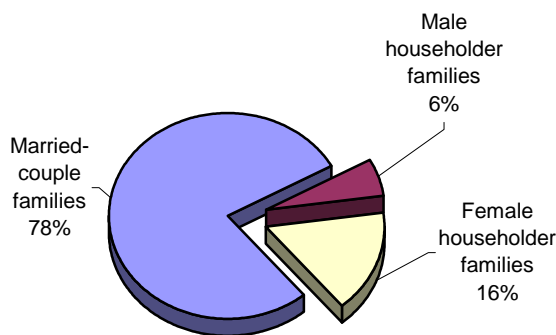
	Number Eligible for Free Meals		Number Eligible for Reduced-Price Meals		Percentage Eligible for Free or Reduced Price Meals	
	Muscatine County	State	Muscatine County	State	Muscatine County	State
2000-01	1,880	93,823	597	37,754	32.8	26.7
2001-02	1,624	93,062	534	36,492	28.5	26.7
2002-03	1,677	100,544	521	36,870	29.1	28.5
2003-04	1,887	107,324	524	36,907	32.9	30.0

Source: Iowa Department of Education

Family Living Profile

While the majority of the 10,282 children under 18 years of age in Muscatine County in 2000 resided in a two-parent family, 22 percent lived in a family headed by a single parent.

Children by Family Type, 2000



Source: Census 2000, SF1, US Bureau of the Census

In Muscatine County, 65.0 percent of children under 6 living in a family or subfamily had all parents in the labor force compared to 71.4 percent statewide. All parents includes both parents in a married-couple family and the parent in a male- or female-headed family.

Safety Profile

The number of confirmed cases of child abuse or neglect in Muscatine County in 2003 was 343, an increase of 104 since 1999.

9. Confirmed Cases of Child Abuse and Neglect

	Muscatine County	State
1999	239	9,588
2000	250	10,821
2001	433	12,793
2002	407	12,292
2003	343	14,936

Source: Iowa Department of Human Services

In 2003, Muscatine County reported 2,576 Group A and 2,364 Group B arrests per 100,000 juveniles compared to rates of 2,003 and 1,180, respectively, for the state.

Source and further details available @ http://www.dps.state.ia.us/documents_repository/DPS/2003/iacrim e/iacrime.htm

Juvenile arrests are reported in 2 groups, Group A offenses include such crimes as murder, rape, burglary and drug violations while Group B offenses include curfew, drunkenness and runaways.

8. Employment Status of Parents with Young Children, 2000

	Muscatine County		State
	n	%	%
Total Own Children in Families			
Under 6 years:	3,219		
Living with 2 parents	2,323		
Both parents in labor force	1,381	59.4	69.2
Living with father only	254		
Father in labor force	233	91.7	88.8
Living with mother only	642		
Mother in labor force	477	74.3	71.4

Source: Census 2000, SF3, US Bureau of the Census