

Profile of Child Well-Being in Des Moines County



Population Profile

The population 17 years of age or younger in Des Moines County in 2000 was 10,328, a decrease of 5.7 percent since 1990. According to projections, the youth population will decline to 9,691 by 2020.

In Des Moines County, youth accounted for 24.4 percent of the total population in 2000 compared to 25.1 percent statewide. Minority youth in the county numbered 1,266 in 2000 and are projected to increase to 1,536 by 2020.

1. Population 17 Years or Younger

	Des Moines County			
	1990	2000	2010*	2020*
Total population	42,614	42,351	40,868	40,444
Percent 17 or younger	25.7	24.4	22.8	24.0
Population 17 or younger	10,952	10,328	9,334	9,691
0 to 4 years	2,798	2,662	2,621	2,716
5 to 9 years	3,281	2,884	2,598	2,713
10 to 14 years	3,157	2,887	2,505	2,687
15 to 17 years	1,716	1,895	1,610	1,575
Minority [^] Population 17 or younger	n/a	1,266	1,202	1,536
0 to 4 years	n/a	405	370	476
5 to 9 years	n/a	388	334	436
10 to 14 years	n/a	285	280	402
15 to 17 years	n/a	188	218	222
Female Population 17 or younger	5,357	5,062	4,508	4,742
0 to 4 years	1,447	1,280	1,295	1,337
5 to 9 years	1,592	1,387	1,265	1,323
10 to 14 years	1,528	1,446	1,181	1,318
15 to 17 years	790	949	767	764
Male Population 17 or younger	5,595	5,266	4,826	4,949
0 to 4 years	1,351	1,382	1,326	1,379
5 to 9 years	1,689	1,497	1,333	1,390
10 to 14 years	1,629	1,441	1,324	1,369
15 to 17 years	926	946	843	811

[^] 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

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Health Profile

As the number of total births in Des Moines County dropped from 1999 to 2003, the number of births to teens decreased by 43. In 1999, births to teens accounted for 18.1 percent of total births in the county compared to 10.3 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 Des Moines County, 8.1 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 Des Moines County receiving prenatal care during the first trimester of their pregnancy was 831.7 compared to 869.8 statewide.



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

Year	Births to Teens		Low Birthweight Births		1st Trimester Prenatal Care		Full Immunizations*	
	Des Moines County	State	Des Moines County	State	Des Moines County	State	Des Moines County	State
	n	% of total births	n	% of total births	rate (per 1,000 live births)	rate (per 1,000 live births)	% fully immunized	% fully immunized
1999	94	18.1	23	4.4	---	---	77.0	84.0
2000	79	14.2	44	7.9	---	---	79.0	86.0
2001	55	11.0	27	5.4	831.7	869.8	78.0	88.0
2002	72	14.5	30	6.0	n/a	n/a	76.0	85.0
2003	51	10.3	40	8.1	n/a	n/a	84.0	89.0

Source: Iowa Department of Public Health

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

In Des Moines County in 2003, 84 percent of children 24 months of age were reported to be fully immunized compared to 77 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 Des Moines County, the infant mortality rate from 2001 to 2003 was 7.4, higher than the county rate of 1995-1998 and higher 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	Des Moines County		State	
	n	rate	rate	rate
1995-1997	9	5.5	7.1	7.1
1998-2000	8	5.0	6.2	6.2
2001-2003	11	7.4	5.5	5.5

Source: Iowa Department of Public Health

From 2000 to 2002, the child death rate in Des Moines County was 0.2 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	Des Moines County		State	
	n	rate	rate	rate
2000-2002	5	0.2	0.2	0.2

Source: Iowa Department of Public Health



Education Profile

In Des Moines County, 29 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

	Des Moines County		State	
	Count	Rate	Count	Rate
2000-2001	27	5,797	5,714	5,714
2001-2002	37	5,714	5,949	5,949
2002-2003	42	5,949	6,907	6,907

Source: Iowa Department of Education

The Des Moines & Louisa County Empowerment Area reported at least 14 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	
	Count	Rate	Count	Rate
Motor Skills ¹	27.0	48.8	48.8	48.8
Communication Skills ²	14.0	35.9	35.9	35.9
Cognitive Skills ³	27.0	44.5	44.5	44.5
Social/Emotional Dev. ⁴	45.0	50.1	50.1	50.1
Self-Management Skills ⁵	32.0	43.0	43.0	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, 37.2 percent of K-12 students in Des Moines County were eligible for free or reduced-price school compared to 36.7 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

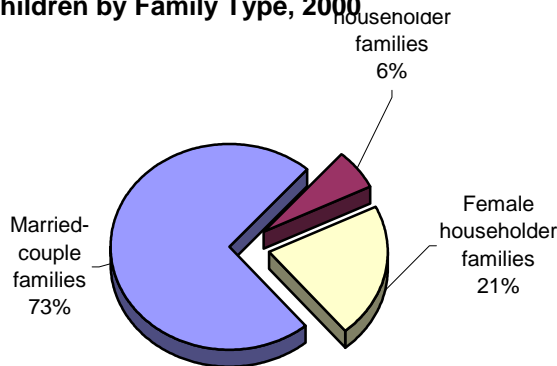
	Number Eligible for Free Meals		Number Eligible for Reduced-Price Meals		Percentage Eligible for Free or Reduced Price Meals	
	Des Moines County	State	Des Moines County	State	Des Moines County	State
2000-01	1,965	93,823	592	37,754	36.7	26.7
2001-02	1,674	93,062	518	36,492	31.9	26.7
2002-03	1,715	100,544	527	36,870	33.2	28.5
2003-04	1,919	107,324	530	36,907	37.2	30.0

Source: Iowa Department of Education

Family Living Profile

While the majority of the 9,509 children under 18 years of age in Des Moines County in 2000 resided in a two-parent family, 27.5 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 Des Moines County, 74.3 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 Des Moines County in 2003 was 390, an increase of 128 since 1999.

9. Confirmed Cases of Child Abuse and Neglect

	Des Moines County	State
1999	262	9,588
2000	308	10,821
2001	359	12,793
2002	343	12,292
2003	390	14,936

Source: Iowa Department of Human Services

In 2003, Des Moines County reported 3,019 Group A and 3,187 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/iacrim e.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

	Des Moines County		State
	n	%	%
Total Own Children in Families			
Under 6 years:	3,056		
Living with 2 parents	2,034		
Both parents in labor force	1,470	72.3	69.2
Living with father only	233		
Father in labor force	205	88.0	88.8
Living with mother only	789		
Mother in labor force	597	75.7	71.4

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