

Profile of Child Well-Being in Jefferson County



Population Profile

The population 17 years of age or younger in Jefferson County in 2000 was 3,946, a decrease of 1 percent since 1990. According to projections, the youth population will decline to 3,037 by 2020.

In Jefferson 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 263 in 2000 and are projected to increase to 472 by 2020.

1. Population 17 Years or Younger

	Jefferson County			
	1990	2000	2010*	2020*
Total population	16,310	16,181	16,036	16,332
Percent 17 or younger	24.4	24.4	18.7	18.6
Population 17 or younger	3,987	3,946	3,000	3,037
0 to 4 years	1,062	877	798	829
5 to 9 years	1,244	1,004	803	843
10 to 14 years	1,087	1,264	796	831
15 to 17 years	594	801	603	534
Minority [^] Population 17 or younger	n/a	263	300	472
0 to 4 years	n/a	71	104	148
5 to 9 years	n/a	82	96	130
10 to 14 years	n/a	73	44	122
15 to 17 years	n/a	37	56	72
Female Population 17 or younger	1,951	1,940	1,494	1,541
0 to 4 years	550	426	404	425
5 to 9 years	623	495	412	430
10 to 14 years	520	650	383	418
15 to 17 years	258	369	295	268
Male Population 17 or younger	2,036	2,006	1,506	1,496
0 to 4 years	512	451	394	404
5 to 9 years	621	509	391	413
10 to 14 years	567	614	413	413
15 to 17 years	336	432	308	266

[^] 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 Jefferson County dropped from 1999 to 2003, the number of births to teens decreased by 7. In 1999, births to teens accounted for 11.4 percent of total births in the county compared to 7.4 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 Jefferson County, 6.8 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 Jefferson County receiving prenatal care during the first trimester of their pregnancy was 849 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*	
	Jefferson County	State	Jefferson County	State	Jefferson County	State	Jefferson 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	18	11.4	8	5.1	---	---	75.0	84.0
2000	13	9.0	12	8.3	---	---	88.0	86.0
2001	14	9.1	12	7.8	849.0	869.8	89.0	88.0
2002	12	8.2	7	4.8	n/a	n/a	90.0	85.0
2003	11	7.4	10	6.8	n/a	n/a	86.0	89.0

Source: Iowa Department of Public Health

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

In Jefferson County in 2003, 86 percent of children 24 months of age were reported to be fully immunized compared to 75 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 Jefferson County, the infant mortality rate from 2001 to 2003 was 0.0, lower 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	Jefferson County		State	
	n	rate	n	rate
1995-1997	4	8.2	7.1	7.1
1998-2000	1	2.1	6.2	6.2
2001-2003	0	0.0	5.5	5.5

Source: Iowa Department of Public Health

From 2000 to 2002, the child death rate in Jefferson County was 0.3 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	Jefferson County		State	
	n	rate	n	rate
2000-2002	3	0.3	0.2	0.2

Source: Iowa Department of Public Health



Education Profile

In Jefferson County, 12 children were enrolled in Pre-Kindergarten during the 2003-04 school year. This was a 1 child decrease from 2000-01.

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

5. Pre-Kindergarten Enrollment

	Jefferson County	State
2000-2001	13	5,797
2001-2002	0	5,714
2002-2003	12	5,949
2003-2004	12	6,907

Source: Iowa Department of Education

The Jefferson/Keokuk County Empowerment Area reported at least 15 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	75.0	48.8
Communication Skills ²	15.0	35.9
Cognitive Skills ³	80.0	44.5
Social/Emotional Dev. ⁴	23.0	50.1
Self-Management Skills ⁵	23.0	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, 27.4 percent of K-12 students in Jefferson County were eligible for free or reduced-price school compared to 22.5 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

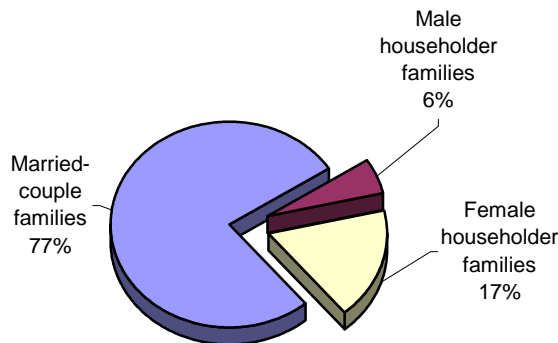
	Number Eligible for Free Meals		Number Eligible for Reduced-Price Meals		Percentage Eligible for Free or Reduced Price Meals	
	Jefferson County	State	Jefferson County	State	Jefferson County	State
2000-01	322	93,823	137	37,754	22.5	26.7
2001-02	397	93,062	112	36,492	25.4	26.7
2002-03	354	100,544	128	36,870	24.6	28.5
2003-04	422	107,324	117	36,907	27.4	30.0

Source: Iowa Department of Education

Family Living Profile

While the majority of the 3,729 children under 18 years of age in Jefferson County in 2000 resided in a two-parent family, 23 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 Jefferson County, 64.3 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 Jefferson County in 2003 was 105, an increase of 29 since 1999.

9. Confirmed Cases of Child Abuse and Neglect

	Jefferson County	State
1999	76	9,588
2000	47	10,821
2001	76	12,793
2002	75	12,292
2003	105	14,936

Source: Iowa Department of Human Services

In 2003, Jefferson County reported 642 Group A and 539 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.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

	Jefferson County		State
	n	%	%
Total Own Children in Families			
Under 6 years:	1,037		
Living with 2 parents	791		
Both parents in labor force	451	57.0	69.2
Living with father only	98		
Father in labor force	91	92.9	88.8
Living with mother only	148		
Mother in labor force	125	84.5	71.4

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