

# Profile of Child Well-Being in Keokuk County



## Population Profile

The population 17 years of age or younger in Keokuk County in 2000 was 2,931, a decrease of 3 percent since 1990. According to projections, the youth population will decline to 2,448 by 2020.

In Keokuk County, youth accounted for 25.7 percent of the total population in 2000 compared to 25.1 percent statewide. Minority youth in the county numbered 61 in 2000 and are projected to decrease to 36 by 2020.

### 1. Population 17 Years or Younger

	Keokuk County			
	1990	2000	2010*	2020*
Total population	11,624	11,400	11,110	10,835
Percent 17 or younger	26.0	25.7	22.4	22.6
Population 17 or younger	3,021	2,931	2,484	2,448
0 to 4 years	753	678	664	667
5 to 9 years	965	835	678	685
10 to 14 years	841	852	682	675
15 to 17 years	462	566	460	421
Minority <sup>^</sup> Population 17 or younger	n/a	61	48	36
0 to 4 years	n/a	17	10	10
5 to 9 years	n/a	21	8	10
10 to 14 years	n/a	13	8	10
15 to 17 years	n/a	10	22	6
Female Population 17 or younger	1,448	1,456	1,243	1,207
0 to 4 years	362	336	322	323
5 to 9 years	468	437	326	338
10 to 14 years	392	406	338	333
15 to 17 years	226	277	257	213
Male Population 17 or younger	1,573	1,475	1,241	1,241
0 to 4 years	391	342	342	344
5 to 9 years	497	398	352	347
10 to 14 years	449	446	344	342
15 to 17 years	236	289	203	208

<sup>^</sup> 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 Keokuk County rose from 1999 to 2003, the number of births to teens increased by 1. In 1999, births to teens accounted for 9.6 percent of total births in the county compared to 10.2 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 Keokuk County, 1.6 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 Keokuk County receiving prenatal care during the first trimester of their pregnancy was 859.2 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*	
	Keokuk County	State	Keokuk County	State	Keokuk County	State	Keokuk 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	12	9.6	7	5.6	---	---	30.0	84.0
2000	16	10.4	10	6.5	---	---	67.0	86.0
2001	14	11.1	11	8.7	859.2	869.8	80.0	88.0
2002	12	8.4	8	5.6	n/a	n/a	100.0	85.0
2003	13	10.2	2	1.6	n/a	n/a	100.0	89.0

Source: Iowa Department of Public Health

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

In Keokuk County in 2003, 100 percent of children 24 months of age were reported to be fully immunized compared to 30 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 Keokuk County, the infant mortality rate from 2001 to 2003 was 2.5, 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	Keokuk County		State	
	n	rate	n	rate
1995-1997	0	0.0	7.1	7.1
1998-2000	1	2.4	6.2	6.2
2001-2003	1	2.5	5.5	5.5

Source: Iowa Department of Public Health

From 2000 to 2002, the child death rate in Keokuk County was 0.4 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	Keokuk County		State	
	n	rate	n	rate
2000-2002	3	0.4	0.2	0.2

Source: Iowa Department of Public Health



### Education Profile

In Keokuk County, 76 children were enrolled in Pre-Kindergarten during the 2003-04 school year. This was a 9 child increase from 2000-01.

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

### 5. Pre-Kindergarten Enrollment

	Keokuk County	State
2000-2001	67	5,797
2001-2002	75	5,714
2002-2003	70	5,949
2003-2004	76	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 <sup>1</sup>	75.0	48.8
Communication Skills <sup>2</sup>	15.0	35.9
Cognitive Skills <sup>3</sup>	80.0	44.5
Social/Emotional Dev. <sup>4</sup>	23.0	50.1
Self-Management Skills <sup>5</sup>	23.0	43.0

\* Percent reported "consistently observed"

Source: Iowa Department of Education

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

### Economic Profile

During the 2003-04 school year, 28.4 percent of K-12 students in Keokuk County were eligible for free or reduced-price school compared to 24.4 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

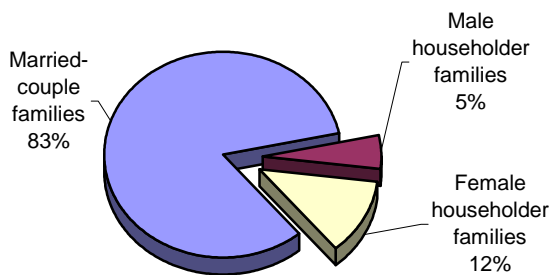
	Number Eligible for Free Meals		Number Eligible for Reduced-Price Meals		Percentage Eligible for Free or Reduced Price Meals	
	Keokuk County	State	Keokuk County	State	Keokuk County	State
2000-01	425	93,823	141	37,754	24.4	26.7
2001-02	412	93,062	210	36,492	26.7	26.7
2002-03	412	100,544	234	36,870	28.6	28.5
2003-04	438	107,324	202	36,907	28.4	30.0

Source: Iowa Department of Education

### Family Living Profile

While the majority of the 2,780 children under 18 years of age in Keokuk County in 2000 resided in a two-parent family, 17.3 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 Keokuk County, 64.7 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.

### 8. Employment Status of Parents with Young Children, 2000

	Keokuk County		State
	n	%	%
Total Own Children in Families			
Under 6 years:	770		
Living with 2 parents	637		
Both parents in labor force	397	62.3	69.2
Living with father only	34		
Father in labor force	34	100.0	88.8
Living with mother only	99		
Mother in labor force	67	67.7	71.4

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

### Safety Profile

The number of confirmed cases of child abuse or neglect in Keokuk County in 2003 was 89, an increase of 33 since 1999.

#### 9. Confirmed Cases of Child Abuse and Neglect

	Keokuk County	State
1999	56	9,588
2000	56	10,821
2001	64	12,793
2002	50	12,292
2003	89	14,936

Source: Iowa Department of Human Services

In 2003, Keokuk County reported 0 Group A and 0 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](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.