

# Profile of Child Well-Being in Poweshiek County



## Population Profile

The population 17 years of age or younger in Poweshiek County in 2000 was 4,262, a decrease of 8.6 percent since 1990. According to projections, the youth population will decline to 3,766 by 2020.

In Poweshiek County, youth accounted for 22.7 percent of the total population in 2000 compared to 25.1 percent statewide. Minority youth in the county numbered 207 in 2000 and are projected to increase to 270 by 2020.

### 1. Population 17 Years or Younger

|  | Poweshiek County |        |        |        |
|--|------------------|--------|--------|--------|
|  | 1990             | 2000   | 2010*  | 2020*  |
| Total population                               | 19,033           | 18,815 | 18,964 | 19,232 |
| Percent 17 or younger                          | 24.5             | 22.7   | 19.6   | 19.6   |
| Population 17 or younger                       | 4,663            | 4,262  | 3,712  | 3,766  |
| 0 to 4 years                                   | 1,167            | 1,038  | 1,001  | 1,043  |
| 5 to 9 years                                   | 1,371            | 1,174  | 999    | 1,053  |
| 10 to 14 years                                 | 1,329            | 1,246  | 1,051  | 1,032  |
| 15 to 17 years                                 | 796              | 804    | 661    | 638    |
| Minority <sup>^</sup> Population 17 or younger | n/a              | 207    | 200    | 270    |
| 0 to 4 years                                   | n/a              | 58     | 66     | 80     |
| 5 to 9 years                                   | n/a              | 63     | 46     | 78     |
| 10 to 14 years                                 | n/a              | 54     | 64     | 70     |
| 15 to 17 years                                 | n/a              | 32     | 24     | 42     |
| Female Population 17 or younger                | 2,277            | 2,066  | 1,795  | 1,841  |
| 0 to 4 years                                   | 572              | 503    | 489    | 509    |
| 5 to 9 years                                   | 648              | 562    | 474    | 509    |
| 10 to 14 years                                 | 678              | 621    | 505    | 507    |
| 15 to 17 years                                 | 379              | 380    | 327    | 316    |
| Male Population 17 or younger                  | 2,386            | 2,196  | 1,917  | 1,925  |
| 0 to 4 years                                   | 595              | 535    | 512    | 534    |
| 5 to 9 years                                   | 723              | 612    | 525    | 544    |
| 10 to 14 years                                 | 651              | 625    | 546    | 525    |
| 15 to 17 years                                 | 417              | 424    | 334    | 322    |

<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 Poweshiek County rose from 1999 to 2003, the number of births to teens increased by 1. In 1999, births to teens accounted for 9.1 percent of total births in the county compared to 8.8 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 Poweshiek County, 4.1 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 Poweshiek County receiving prenatal care during the first trimester of their pregnancy was 903.1 compared to 869.8 statewide.



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

| Year | Poweshiek County |                   | State |                   | Poweshiek County             |                   | State                        |                   | Poweshiek County  |                              | State             |                   |
|------|------------------|-------------------|-------|-------------------|------------------------------|-------------------|------------------------------|-------------------|-------------------|------------------------------|-------------------|-------------------|
|      | n                | % of total births | n     | % of total births | rate (per 1,000 live births) | % of total births | rate (per 1,000 live births) | % fully immunized | % fully immunized | rate (per 1,000 live births) | % fully immunized | % fully immunized |
| 1999 | 16               | 9.1               | 9     | 5.1               | ---                          | 6.2               | ---                          | 91.0              | 84.0              | ---                          | 91.0              | 84.0              |
| 2000 | 22               | 10.4              | 13    | 6.1               | ---                          | 6.1               | ---                          | 95.0              | 86.0              | ---                          | 95.0              | 86.0              |
| 2001 | 31               | 15.4              | 13    | 6.5               | 903.1                        | 6.4               | 869.8                        | 97.0              | 88.0              | 903.1                        | 97.0              | 88.0              |
| 2002 | 14               | 7.3               | 11    | 5.7               | n/a                          | 6.6               | n/a                          | 89.0              | 85.0              | n/a                          | 89.0              | 85.0              |
| 2003 | 17               | 8.8               | 8     | 4.1               | n/a                          | 6.6               | n/a                          | 97.0              | 89.0              | n/a                          | 97.0              | 89.0              |

Source: Iowa Department of Public Health

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

In Poweshiek County in 2003, 97 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 Poweshiek County, the infant mortality rate from 2001 to 2003 was 3.4, 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      | Poweshiek County |      | State |      |
|-----------|------------------|------|-------|------|
|           | n                | rate | rate  | rate |
| 1995-1997 | 4                | 6.7  | 7.1   | 7.1  |
| 1998-2000 | 2                | 3.4  | 6.2   | 6.2  |
| 2001-2003 | 2                | 3.4  | 5.5   | 5.5  |

Source: Iowa Department of Public Health

From 2000 to 2002, the child death rate in Poweshiek County was 0.0 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      | Poweshiek County |      | State |      |
|-----------|------------------|------|-------|------|
|           | n                | rate | rate  | rate |
| 2000-2002 | 0                | 0.0  | 0.2   | 0.2  |

Source: Iowa Department of Public Health



### Education Profile

In Poweshiek County, 25 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

|           | Poweshiek County | State |
|-----------|------------------|-------|
| 2000-2001 | 26               | 5,797 |
| 2001-2002 | 17               | 5,714 |
| 2002-2003 | 26               | 5,949 |
| 2003-2004 | 25               | 6,907 |

Source: Iowa Department of Education

The Poweshiek County Empowerment Area reported at least 21.4 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>           | 29.2             | 48.8  |
| Communication Skills <sup>2</sup>   | 21.4             | 35.9  |
| Cognitive Skills <sup>3</sup>       | 32.1             | 44.5  |
| Social/Emotional Dev. <sup>4</sup>  | 32.5             | 50.1  |
| Self-Management Skills <sup>5</sup> | 29.5             | 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, 25.3 percent of K-12 students in Poweshiek County were eligible for free or reduced-price school compared to 22.8 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

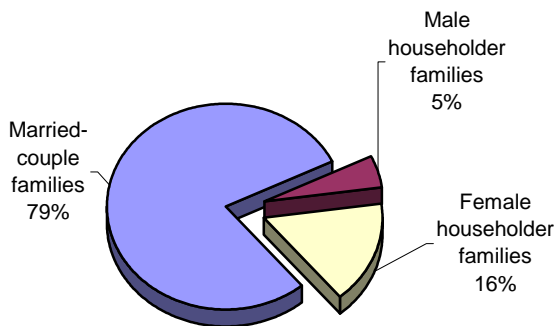
|         | Number Eligible for Free Meals |         | Number Eligible for Reduced-Price Meals |        | Percentage Eligible for Free or Reduced Price Meals |       |
|---------|--------------------------------|---------|---|--------|---|-------|
|         | Poweshiek County               | State   | Poweshiek County                        | State  | Poweshiek County                                    | State |
| 2000-01 | 485                            | 93,823  | 215                                     | 37,754 | 22.8  | 26.7  |
| 2001-02 | 503                            | 93,062  | 215                                     | 36,492 | 23.6  | 26.7  |
| 2002-03 | 524                            | 100,544 | 170                                     | 36,870 | 23.2  | 28.5  |
| 2003-04 | 517                            | 107,324 | 242                                     | 36,907 | 25.3  | 30.0  |

Source: Iowa Department of Education

### Family Living Profile

While the majority of the 4,043 children under 18 years of age in Poweshiek County in 2000 resided in a two-parent family, 21.1 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 Poweshiek County, 80.5 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

|                                | Poweshiek County |      | State |
|--------------------------------|------------------|------|-------|
|                                | n                | %    | %     |
| Total Own Children in Families |                  |      |       |
| Under 6 years:                 | 1,332            |      |       |
| Living with 2 parents          | 1,045            |      |       |
| Both parents in labor force    | 822              | 78.7 | 69.2  |
| Living with father only        | 40               |      |       |
| Father in labor force          | 37               | 92.5 | 88.8  |
| Living with mother only        | 247              |      |       |
| Mother in labor force          | 213              | 86.2 | 71.4  |

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

### Safety Profile

The number of confirmed cases of child abuse or neglect in Poweshiek County in 2003 was 73, a decrease of -1 since 1999.

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

|      | Poweshiek County | State  |
|------|------------------|--------|
| 1999 | 74               | 9,588  |
| 2000 | 86               | 10,821 |
| 2001 | 86               | 12,793 |
| 2002 | 54               | 12,292 |
| 2003 | 73               | 14,936 |

Source: Iowa Department of Human Services

In 2003, Poweshiek County reported 536 Group A and 583 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](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.