

ADDITIONAL INFORMATION AND DEFINITIONS

American Indian births are defined as birth in which the mother and/ or father are identified as American Indian or Alaska Native on the birth certificate. This differs from the state of Wisconsin's definition which defines AI/AN births only by mother's race.

The **Health Service Delivery Area (HSDA)** which provides health care services to eligible American Indians may consist of a county which includes all or part of a Tribal reservation, or counties which have a common boundary with the reservation.

AI/AN WI is defined as American Indians/ Alaska Natives with residency in Wisconsin.

All Races WI is defined as the general population of Wisconsin, all races combined, including the AI/AN population in Wisconsin.

Births to teens includes births to women less than 20 years of age.

VBAC is vaginal birth after cesarean.

Vaginal delivery includes births classified as spontaneous and forceps.

Low birth weight is defined as birth weight below 2,500 grams.

High birth weight is defined as birth weight greater than 4,000 grams.

Infant mortality rate is the number of infant deaths (age less than 12 months) in a time period divided by the number of live births in that same time period, multiplied by 1,000. The result is the number of infant deaths per 1,000 live births. The number of infant deaths for AI/AN HSDA from 1997-1999 was less than 20 which may make the rate unstable.

NA means data not available.

The Tribes located in Wisconsin include: Bad River, Forest County Potawatomi, Lac du Flambeau, Ho Chunk, Menominee, Lac Courte Oreilles, Red Cliff, St. Croix, Oneida, Sokaogon, Stockbridge-Munsee

Errata: There was an error in the previous issue of this pamphlet "Health Counts for Wisconsin American Indians: Mother and Infant Health" which presented data from 1998. The Crude Birth Rate for AI/AN HSDA was listed as "16.0" which is incorrect. It should have read "23.0".

For additional information contact:

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Health Counts for Wisconsin American Indians

Findings from the Great Lakes EpiCenter

MOTHER AND INFANT HEALTH

1999

Great Lakes EpiCenter



There were 1,128 live births to American Indian/ Alaska Native (AI/AN) mothers and/ or fathers in Wisconsin in 1999. Of these births, 755 were to AI/AN mothers/ fathers living in a Health Service Delivery Area (HSDA) of one of the 11 Wisconsin Tribes. The information presented below is from the Wisconsin birth files maintained by the Bureau of Health Information. Birth data from 1999 was the most current data released at the time of this report.

Below, data for all AI/AN in Wisconsin (AI/AN WI), AI/AN in the Health Service Delivery Area for the 11 Tribes in Wisconsin (AI/AN HSDA), and all races in Wisconsin (All Races) are presented for several maternal and child health indicators.

Maternal and Child Health Information for Wisconsin 1999

	AI/AN WI	AI/AN HSDA	All Races
Total Births	1,128	755	68,181
Crude Birth Rate (births per 1,000 population)	24.1	24.8	12.9

Maternal Age (Years)

	AI/AN WI	AI/AN HSDA	All Races
Less than 20	20.3%	20.9%	10.7%
20-24	30.0	32.7	22.0
25-29	24.6	24.1	28.9
30-34	16.9	14.8	25.5
35-39	7.1	6.5	10.9
40 and above	1.2	0.9	1.9

Birth Weight

	AI/AN WI	AI/AN HSDA	All Races
Low Birth Weight (<2,500 grams)	5.9%	5.0%	6.7%
High Birth Weight (>4,000 grams)	17.1	18.7	12.2

Prenatal Care

	AI/AN WI	AI/AN HSDA	All Races
Prenatal care began in first trimester	75.1%	74.0%	83.9%
Prenatal care began in third trimester or no prenatal care	6.5	7.3	3.3

Maternal Education

	AI/AN WI	AI/AN HSDA	All Races
Less than high school education	29.2%	28.2%	16.0%
High school completion or higher	70.6	71.5	83.8

Maternal Smoking During Pregnancy

	AI/AN WI	AI/AN HSDA	All Races
Smoked	37.6%	38.8%	17.1%
Did not smoke	62.0	60.8	82.8

Method of Delivery

	AI/AN WI	AI/AN HSDA	All Races
Vaginal delivery*	77.6%	77.9%	80.2%
Vaginal birth after Cesarean section (VBAC)	3.8	4.0	2.8
Cesarean section	18.6	14.6	17.0

Births to Teens* Maternal Age (years)

	AI/AN WI	AI/AN HSDA	All Races
Less than 15	0.6%	0.8%	0.2%
15-17	7.4	7.0	3.6
18-19	12.3	13.0	7.0

Birth Weight**

	AI/AN WI	AI/AN HSDA	All Races
Low Birth Weight	6.1%	6.3%	9.3%
High Birth Weight	12.7	13.9	NA*

Prenatal Care**

	AI/AN WI	AI/AN HSDA	All Races
Prenatal care began in first trimester	67.7%	70.9%	67.3%
Prenatal care began in third trimester or no prenatal care	7.4	5.7	7.0

Infant Mortality

The infant mortality data presented here includes deaths for 1997-1999. A combination of years was used because of the small number of deaths occurring to AI/ANs in Wisconsin during a one year period. Rates calculated using small numbers (i.e. less than 20) may be unstable.

	AI/AN WI	AI/AN HSDA	All Races
Infant Mortality Rate (per 1,000 live births)	6.6	8.4*	6.8

*see additional information and definitions on back

**as percent of total teen births