

**Health Informatics**

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**Division of Public Health**  
**Office of Health Informatics**

- **Vital Records**
- **Health Analytics**
- **Informatics Architecture**



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**OHI Systems and Projects**

- BRFSS, FHS, PRAMS surveys
- WCRS - Wisconsin Cancer Reporting System
- NVDRS – National Violent Death Reporting System
- WEDSS - Wisconsin Electronic Disease Surveillance System
- PHIN - Public Health Information Network systems
- EC-LDS – Early Childhood Longitudinal Data System
- SVRIS – State Vital Records Information System
- WHIO – WI Health Information Organization data mart
- IDAP – Integrated Data Analysis Project
- WISH - Wisconsin Interactive Statistics on Health



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## Different types of public health data and questions you can ask

- Population-wide, everyone is counted (vital records, census)
  - How many babies were born to teens in 2012? (4,195)
- Population sample surveys (Behavioral Risk Factor, Family Health Survey, Pregnancy Risk Assessment Monitoring System)
  - What percent of adults currently smoke cigarettes? (20%)
- Specialized registries (cancer, violent death, immunization)
  - What is the age-adjusted cancer death rate for 2010? (173.7)
- Program data (WIC, MCH, WEDSS)
  - How many cases of Chlamydia trachomatis did WI have in 2013 (23,778)
- Healthcare provider (Hospital discharge data from inpatient and ER)
  - What percent of asthma hospitalizations were paid for by private insurance? (27%)



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## Selected Sources to Get Data

- DHS Health Statistics
  - <http://www.dhs.wisconsin.gov/stats/>
- County Health Rankings
  - <http://www.countyhealthrankings.org/>
- Interactive Query Systems: Wonder & WISH
  - <http://wonder.cdc.gov/>
  - <http://www.dhs.wisconsin.gov/wish/>
- Analysis, Visualization & Reporting (AVR) – EPHT
  - <https://avr.wisconsin.gov>
  - <http://www.dhs.wisconsin.gov/epht/>
- Kids Count Data Center -- Wisconsin
  - <http://datacenter.kidscount.org/wi>
- USDA Economic Research Service Food Environment Atlas
  - <http://www.ers.usda.gov/FoodAtlas/http://www.ers.usda.gov/FoodAtlas/>
- USDA ERS State Fact Sheets
  - <http://www.ers.usda.gov/StateFacts/>



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## DHS Health Statistics



WISCONSIN DEPARTMENT OF HEALTH SERVICES

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### 2011 Profile for Brown County, Wisnisi

Category	Births	Percent	Births	Percent
<b>Total live births</b>	3,394			
<b>Crude Live Birth Rate</b>	11.6			
<b>Crude Fertility Rate</b>	27.6			
<b>Age at Birth, with special categories highlighted</b>				
<b>Delivery Type</b>				
Normal (after previous cesarean)	57	2%		
Cesarean	2,333	69%		
Other vaginal	600	18%		
Other cesarean	604	18%		
<b>Birth Weight</b>				
1,000 gm	40	1%		
1,000-4,000 gm	2,933	87%		
4,000 gm	3,148	93%		
<b>First Prenatal Visit</b>				
1st trimester	2,716	80%		
2nd trimester	540	16%		
3rd trimester	60	2%		
Multiple	40	1%		
<b>Maternal Information</b>				
<b>Race</b>				
Married	2,120	63%		
Never	1,260	37%		
Unknown	9	0%		
<b>Education of mother</b>				
Elementary or less	135	4%		
Some high school	443	13%		
High school	842	25%		
College degree	890	26%		
College graduate	1,010	30%		
Unknown	0	0%		
<b>Smoking status 3 months prior to pregnancy</b>				
Smoker	580	17%		
Non-smoker	2,810	83%		
Unknown	0	0%		
<b>Birth Order</b>				
First	1,270	38%		
Second	1,110	33%		
Third	316	9%		
Fourth or higher	412	12%		
Unknown	1	0%		
<b>Placental Vitals</b>				
By name	18	1%		
1-4	99	3%		
5-10	537	16%		
11-13	1,160	34%		
14+	1,200	35%		
Unknown	98	3%		
<b>Low Birthweight (under 2,500 gm)</b>				
<b>Race/Ethnicity</b>				
All Births	2,382	70%	103	6.2%
White	102	3%	2	2.0%
Black/African American	152	4%	7	4.6%
Hispanic/Latino	418	12%	31	7.4%
Other	100	3%	6	6.0%
Unknown	60	2%	3	5.0%
<b>Number of First Prenatal Visit</b>				
<b>Age of Mother</b>				
All Births	2,382	70%	103	6.2%
1st Trimester	2,007	84%	240	10%
2nd Trimester	240	10%	35	15%
Other/Unknown	35	1%	28	27%
1-4	102	4%	27	4%
5-10	259	11%	50	14%
11-13	446	19%	76	21%
14+	411	17%	114	28%
Unknown	41	2%	14	34%
<b>Age of Mother</b>				
All Births	2,382	70%	103	6.2%
1st Trimester	2,007	84%	240	10%
2nd Trimester	240	10%	35	15%
Other/Unknown	35	1%	28	27%
15-19	4	0%	1	1%
20-24	111	5%	31	4%
25-29	611	26%	177	17%
30-34	861	36%	244	23%
35-39	549	23%	152	14%
40-44	229	10%	59	26%
45-49	108	5%	24	22%
50-54	237	10%	43	18%
55-59	1,106	47%	168	15%
60-64	580	24%	120	21%
65+	142	6%	37	26%
Total	11,199	5,571	20,770	-1%

### Wisconsin Population Estimates

The Department of Health Services, Office of Health Informatics, produces mid-year population estimates for the count Wisconsin by age and sex categories for non-Census years. Estimates are used to calculate population-based health status and sex categories may not sum to totals shown due to rounding.

Population data for Wisconsin are also available through a [data query system](#).

**Keep Me Posted**  
Notify me when an update is released.

**Please Note:**  
2012 population estimates for the state, DHS regions, and counties of Wisconsin were posted on August 29, 2013 (see links below). Estimates for 1989-2012 are also available as a single spreadsheet, with a separate tab for each year. (Excel 517 KB)

Year	2012	2011	2010	2009	2008	2007	2006
Wisconsin	5,571	5,571	5,571	5,571	5,571	5,571	5,571
Adams	2012	2011					
Ashland	2012	2011					
Barron	2012	2011					
Bayfield	2012	2011					

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[Download Table \(Excel 10 KB\)](#)  
[Print Table \(PDF, 11 KB\)](#)

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Last Revised: August 29, 2013

### Chronic Disease Burden Reports

#### Asthma

Asthma ranks as an important public health issue in Wisconsin, and a condition identified as a high priority in state and federal public health plans. Statistics on asthma data demonstrate that such attention is warranted, and that data have helped identify associations where the burden of asthma in the state is particularly high, and comprehensive approaches to burden of asthma through surveillance, prevention, and management, having strong community collaborations and partnerships with key asthma stakeholders around the state has been one of the program's greatest strengths over the past 15 years.

**Recent Documents**

- Living with Asthma: Services Users' Views
- Wisconsin Asthma Survey Report 2012
- Wisconsin Department of Health Services, American Lung Association in Wisconsin and Wisconsin Asthma Coalition Report
- Wisconsin Department of Health Services, American Lung Association in Wisconsin and Wisconsin Asthma Coalition Report
- Living with Asthma: Services Users' Views

#### Wisconsin Diabetes Prevention and Control Program

Diabetes is a costly, complex, and devastating chronic illness that poses a major public health problem. Diabetes affects over 475,000 adults and 6,500 children and adolescents in Wisconsin. It is the seventh leading cause of death in Wisconsin, costing an estimated annual \$8.15 billion in health care costs and lost productivity. Each year, more than 1,500 Wisconsin residents die from diabetes and many more suffer disabling complications, such as heart disease, kidney disease, blindness, and amputations. This burden is higher among minority populations. Much of the health and economic burden of diabetes can be averted through disease prevention measures.

The Wisconsin Diabetes Prevention and Control Program (DPCP) is dedicated to improving the health of people at risk for or with diabetes. We rely on our strong partnerships in the development, distribution, and implementation of resources. Please use the links to the left as well as those below to access these resources.

**Popular Links**

- Wisconsin Diabetes Surveillance Report 2012 PDF (4.6 MB)
- 2013 Burden of Diabetes in Wisconsin PDF (1.9 MB)
- Wisconsin Diabetes Metrics Executive Care Summary 2012
- Diabetes with Diabetes: A Resource Guide for Wisconsin Schools and Families
- Diabetes Self-Care Information and Related Booklet (English) PDF (1.9 MB)
- Personal Diabetes Care Protocol (English) PDF (1.9 MB)
- Blood Sugar Log Booklet (English) PDF (1.9 MB)

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