

## Berrien County Health Statistics Brief

### Demographic Trends: Berrien County Residents

	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>
Population	163,125	162,611	161,705	159,589
Live Births	2,045	2,092	2,123	2,093
Deaths	1,598	1,657	1,627	1,587

### 2007 Leading Causes of Death<sup>1</sup>

	<u>Berrien</u>	<u>Michigan</u>	<u>US (2006)</u>
All Causes	100.0%	100.0%	100.0%
Heart Disease	23.4%	28.0%	25.8%
Cancer	23.0%	23.2%	23.3%
Stroke	7.3%	5.4%	5.6%
Chronic Lower Resp.	5.8%	5.3%	5.2%
Accidents	4.9%	4.3%	5.1%
Alzheimer's Disease	4.2%	2.8%	2.9%
Diabetes	3.5%	3.3%	3.0%
Kidney Disease	1.6%	1.9%	1.9%
Influenza/Pneumonia	1.6%	1.9%	2.3%
Suicide	1.6%	1.3%	1.4%
Other causes	23.1%	22.6%	23.5%

### Nativity

	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>
Live Births	2,045	2,092	2,123	2,093
Low Birth Weight <sup>2</sup>	85.6	71.7	76.8	89.3
Teen Pregnancy <sup>3</sup>	69.7	68.4	67.9	72.8

<sup>2</sup>Rate per 1,000 live births    <sup>3</sup>Rate per 1,000 teenaged females

### Infant Mortality (three year moving average)

	<u>2002-04</u>	<u>2003-05</u>	<u>2004-06</u>	<u>2005-07</u>
Infant Deaths <sup>4</sup>	7.3	7.5	7.2	9.2
African Amer.	11.4	12.0	11.9	16.9
Caucasian	6.1	5.8	5.2	5.8

<sup>4</sup>Rate per 1,000 live births

### Abortions (2008)

Woman's Age	<u>&lt;20</u>	<u>20-24</u>	<u>25-29</u>	<u>30-39</u>	<u>40+</u>
Number of Abortions	50	105	72	65	5

### Invasive Cancer Incidence<sup>5</sup> (2006)

Primary Site	<u>Berrien</u>	<u>Michigan</u>
Prostate	186.2	169.8
Breast	103.1	119.9
Lung	64.8	72.4
Colon and Rectum	42.3	49.1
All Cancers	461.1	488.1

<sup>5</sup>Age-adjusted rate per 100,000

### Invasive Cancer Incidence Trend<sup>5</sup> (three year moving average)

	<u>2001-03</u>	<u>2002-04</u>	<u>2003-05</u>	<u>2004-06</u>
Berrien	544.9	537.9	532.3	497.9
Michigan	519.3	513.0	505.4	495.6

### Invasive Cancer Mortality Trend<sup>5</sup> (three year moving average)

	<u>2001-03</u>	<u>2002-04</u>	<u>2003-05</u>	<u>2004-06</u>
Berrien	186.1	187.3	192.7	194.2
Michigan	195.9	193.1	191.0	190.7

### Chronic Disease Indicators<sup>6</sup>

% of Adults	<u>2005</u>	<u>2008</u>
Obese	31.1	28.5
Overweight and Obese	65.2	72.5
Hypertension	30.8	31.9
Hypercholesterolemia	35.6	43.6
Diabetes	9.1	11.7
Heart Attack	7.2	8.3
Stroke	3.9	2.9
No Physical Activity <sup>7</sup>	27.8	28.4
Less than Five Servings Fruits/Veg.	76.3	72.2

<sup>6</sup>As measured by the Berrien County Behavior Risk Factor Survey

<sup>7</sup>No physical activity beyond the activities of daily living

### Leading Diagnoses for Hospitalizations (2007)

Principal Diagnosis	<u>Berrien</u>			<u>Michigan</u>		
	<u>No.</u>	<u>%</u>	<u>Rate<sup>8</sup></u>	<u>%</u>	<u>Rate<sup>8</sup></u>	
All Hospitalizations	20,205	100.0	1270.8	100.0	1328.6	
Heart Disease	2,346	11.6	147.5	11.6	153.6	
Neonates (<7 days)	2,154	10.7	135.5	9.6	126.9	
Maternal Deliveries	2,052	10.2	129.1	9.2	122.2	
Injury and Poisoning	1,563	7.7	98.3	7.7	102.7	
Infections and Parasitic	829	4.1	52.1	3.3	43.2	
Cerebrovascular Disease	690	3.4	43.4	2.6	35.0	
Cancer	657	3.3	41.3	3.2	43.2	
Psychoses	656	3.2	41.3	3.8	50.0	
Osteoarthritis	683	3.2	40.1	2.6	34.9	
Pneumonia	496	2.5	31.2	2.8	37.7	
Diseases of the Skin	299	1.5	18.8	1.9	25.2	
Vascular Diseases	295	1.5	18.6	1.1	14.2	
Chronic Bronchitis	261	1.3	16.4	1.5	20.6	
Diabetes Mellitus	159	1.3	16.3	1.3	17.1	
Rehabilitation Services	221	1.1	13.9	1.7	22.3	
Chest Pain	216	1.1	13.6	1.6	21.3	
Kidney/Urinary Infections	184	0.9	11.6	1.2	16.0	
Other Hospitalizations	6,389	31.6	401.8	33.3	428.3	

<sup>8</sup>Rate per 100,000 population

### Sexually Transmitted Infections

	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
<u>Chlamydia</u>				
Berrien	474.8	539.6	585.5	533.3
Michigan	388.5	387.4	424.3	452.8
<u>Gonorrhea</u>				
Berrien	271.1	293.1	259.1	208.8
Michigan	167.6	157.7	161.0	142.4

### HIV/AIDS Incidence and Prevalence

	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
New HIV Cases	14	16	9	7
New AIDS Cases	12	11	7	6
Total HIV/AIDS	204	217	224	230

Data Sources: Michigan Dept. of Community Health  
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For more information: [www.bchdmi.org](http://www.bchdmi.org)  
(269)926-7121

Published: February 2010

