

Berrien County Health Statistics Brief

Demographic Trends: Berrien County Residents

		<u>%Change</u>	<u>Yr Last Measured</u>
Population in 2011	156,941	+0.1%	2010
Live Births in 2010	1,995	-1.8%	2009
Deaths in 2010	1,602	+1.4%	2009

2010 Leading Causes of Death¹

	<u>Berrien</u>	<u>Michigan</u>	<u>US (2010)</u>
All Causes	1,021	890.9	798.7
Heart Disease	238.5	236.0	192.9
Cancer	214.1	208.6	185.9
Stroke	77.2	45.3	41.8
Chronic Lower Resp.	53.6	51.4	44.6
Accidents	44.6	38.0	38.2
Alzheimer's Disease	42.1	27.7	27.0
Diabetes	38.3	27.3	22.3
Kidney Disease	21.7	17.4	16.3
Influenza/Pneumonia	17.2	15.4	16.2
Suicide	11.5	12.8	12.2

¹Age-adjusted rate per 100,000

Natality

	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Live Births	2,027	2,002	2,031	1,995
Low Birth Weight ²	85.8	93.9	80.3	92.7
Teen Pregnancy ³	70.8	66.7	68.1	63.6

²Rate per 1,000 live births ³Rate per 1,000 teenaged females

Infant Mortality (three year moving average)

	<u>2005-07</u>	<u>2006-08</u>	<u>2007-09</u>	<u>2008-10</u>
Infant Deaths ⁴	9.2 ± 2.1	8.6 ± 2.3	9.0 ± 2.4	8.1 ± 2.3
African Amer.	16.9 ± 6.5	14.8 ± 6.0	16.7 ± 6.4	16.0 ± 6.2
Caucasian	5.8 ± 2.2	5.7 ± 2.2	5.0 ± 2.1	4.5 ± 2.0

⁴Rate per 1,000 live births

Abortions (2011)

Woman's Age	<u><20</u>	<u>20-24</u>	<u>25-29</u>	<u>30-39</u>	<u>40+</u>
Number of Abortions	58	75	64	57	9

Invasive Cancer Incidence⁵ (2009)

<u>Primary Site</u>	<u>Berrien</u>	<u>Michigan</u>
Prostate	161.0 ± 25.4	152.5 ± 3.2
Breast	125.1 ± 21.3	119.8 ± 2.8
Lung	69.7 ± 11.5	66.8 ± 1.5
Colon and Rectum	44.0 ± 8.9	42.9 ± 1.2

⁵Age-adjusted rate per 100,000

Invasive Cancer Incidence Trend⁵ (three year moving average)

	<u>2004-06</u>	<u>2005-07</u>	<u>2006-08</u>	<u>2007-09</u>
Berrien	501.6	516.1	499.0	510.3
Michigan	490.9	494.9	488.7	482.1

⁵Age-adjusted rate per 100,000

Invasive Cancer Mortality Trend⁵ (three year moving average)

	<u>2004-06</u>	<u>2005-07</u>	<u>2006-08</u>	<u>2007-09</u>
Berrien	196.7	191.4	189.5	180.8
Michigan	186.9	186.1	183.6	181.6

⁵Age-adjusted rate per 100,000

Chronic Disease Indicators⁶

% of Adults	<u>2008</u>	<u>2011</u>
Obese	28.5	39.9
Overweight and Obese	72.5	71.0
Hypertension	31.9	35.8
Hypercholesterolemia	43.6	49.8
Diabetes	11.7	14.5
Heart Attack	8.3	6.3
Stroke	2.9	4.8
No Physical Activity ⁷	28.4	30.2
Less than Five Servings Fruits/Veg.	72.2	82.9

⁶As measured by the Berrien County Behavior Risk Factor Survey

⁷No physical activity beyond the activities of daily living

Leading Diagnoses for Hospitalizations (2010)

<u>Principal Diagnosis</u>	<u>Berrien</u>			<u>Michigan</u>		
	<u>No.</u>	<u>%</u>	<u>Rate⁸</u>	<u>%</u>	<u>Rate⁸</u>	
All Hospitalizations	20,828	100.0	1,328.2	100.0	1,312.3	
Heart Disease	2,517	12.1	160.5	10.7	140.0	
Neonates (<7 days)	2,036	9.8	129.8	9.0	117.6	
Maternal Deliveries	1,940	9.3	123.7	8.6	113.0	
Injury and Poisoning	1,681	8.1	107.2	7.9	103.9	
Infections and Parasitic	977	4.7	62.3	4.1	54.3	
Osteoarthritis	718	3.5	45.8	3.0	39.6	
Cerebrovascular Disease	687	3.3	43.8	2.6	34.3	
Psychoses	630	3.0	40.2	3.7	48.5	
Cancer	629	3.0	40.1	3.1	40.0	
Pneumonia	537	2.6	34.2	2.7	34.8	
Chronic Bronchitis	362	1.7	23.1	1.9	25.4	
Diseases of Blood	317	1.5	20.2	1.2	15.6	
Diseases of the Skin	317	1.5	20.2	2.0	26.3	
Diseases of Arteries	315	1.5	20.1	***	***	
Diabetes Mellitus	287	1.4	18.3	1.4	18.6	
Rehabilitation Services	222	1.1	14.2	1.6	20.7	
Chest Pain	220	1.1	14.0	1.4	17.9	
Other Hospitalizations	5,913	28.4	377.1	30.6	400.9	

⁸Rate per 100,000 population

***Rate cannot be calculated when less than 20 events occurred

Sexually Transmitted Infections

<u>Chlamydia</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
Berrien	540	543	672	600
Michigan	470	485	497	480
<u>Gonorrhea</u>				
Berrien	211	175	142	153
Michigan	147	133	129	127

HIV/AIDS Incidence and Prevalence

	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
New HIV Cases	7	5	13	9
New AIDS Cases	6	10	5	4
Total HIV/AIDS	230	229	229	234

Data Sources: Michigan Dept. of Community Health,
Michigan Disease Surveillance Sys.,
US Census Data,
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