

2009 Michigan BRFs Arthritis Tables

Table 1: Prevalence Estimates among Michigan Adults Who Were <u>Ever</u> Told They Had Some Form of Arthritis (N = 3,922) 2009 Michigan BRFs % (95% Confidence Interval)		
Chronic Health Conditions	Crude	Age-Adjusted*
Ever Told Diabetes ¹	16.7 (15.4-18.1)	10.9 (9.6-12.3)
Ever Told Have Asthma ²	19.8 (18.1-21.6)	25.7 (21.7-30.3)
Still Have Asthma ³	13.8 (12.4-15.3)	18.8 (15.1-23.1)
Ever Told Heart Attack ⁴	8.6 (7.6-9.7)	5.4 (4.7-6.4)
Ever Told Angina or Coronary Heart Disease ⁵	10.0 (8.9-11.1)	6.1 (5.3-6.9)
Ever Told Stroke ⁶	5.6 (4.8-6.4)	3.6 (2.9-4.5)
Disability ⁷	44.4 (42.4-46.4)	43.0 (38.5-47.7)
Ever Told Cancer ⁸	16.0 (14.7-17.3)	9.9 (8.9-11.1)
Health Risk Behaviors		
Obese ⁹	40.1 (38.1-42.1)	36.9 (33.6-40.3)
No Leisure-Time Physical Activity ¹⁰	32.1 (30.2-34.0)	29.2 (25.4-33.3)
Inadequate Physical Activity ¹¹	56.0 (53.9-58.2)	51.9 (47.2-56.6)
Inadequate Fruit and Vegetable Consumption ¹²	77.2 (75.5-78.8)	78.0 (74.2-81.4)
Current Smoker ¹³	20.9 (19.2-22.8)	28.7 (24.4-33.3)
Heavy Drinking ¹⁴	4.2 (3.4-5.1)	4.8 (3.0-7.8)
Binge Drinking ¹⁵	11.8 (10.5-13.4)	16.0 (12.7-19.9)
Ever Told High Blood Pressure ¹⁶	49.6 (47.6-51.6)	37.9 (34.1-41.7)
Health Indicators		
General Health, Fair or Poor ¹⁷	27.3 (25.6-29.2)	28.5 (24.4-33.1)
Poor Physical Health on at least 14 Days in the Past Month ¹⁸	20.7 (19.1-22.4)	21.7 (18.0-25.9)
Poor Mental Health on at least 14 Days in the Past Month ¹⁹	15.2 (13.7-16.8)	18.7 (15.3-22.6)
Activity Limitation on at least 14 Days in the Past Month ²⁰	13.9 (12.5-15.3)	13.0 (10.6-16.0)
No Health Care Coverage (Among 18 – 64 year olds) ²¹	12.3 (10.4-14.6)	18.5 (13.8-24.2)
No Personal Health Care Provider ²²	5.9 (4.9-7.1)	9.3 (7.0-12.3)
No Health Care Access During Past 12 Months Due to Cost ²³	15.3 (13.8-17.0)	22.1 (18.3-26.5)
Activity Limitation ²⁴	40.7 (38.7-42.7)	40.1 (35.7-44.7)
Used Special Equipment ²⁵	17.8 (16.4-19.3)	14.4 (11.9-17.4)
Rarely/Never Received the Social/Emotional Support Needed ²⁶	9.8 (8.6-11.1)	12.0 (8.8-16.2)
Dissatisfied or Very Dissatisfied with Life ²⁷	9.2 (7.9-10.7)	12.6 (9.4-16.8)
Preventive Health Practices		
No Routine Checkup in Past Year ²⁸	21.4 (19.7-23.3)	25.8 (22.0-29.9)
Cholesterol Ever Checked ²⁹	94.1 (92.7-95.2)	86.8 (82.0-90.5)
Ever Told High Cholesterol ³⁰	51.1 (49.1-53.2)	38.8 (35.5-42.2)
Ever Had an HIV Test Among Those Aged 18 – 64 Years ³¹	40.2 (37.5-43.1)	49.6 (44.4-54.8)
* Age-adjusted by direct method using the 2000 U.S. Census.		

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Table 2: Prevalence Estimates among Michigan Adults Who Were <u>Never</u> Told They Had Some Form of Arthritis (N = 5,077) 2009 Michigan BRFs % (95% Confidence Interval)		
Chronic Health Conditions	Crude	Age-Adjusted*
Ever Told Diabetes ¹	6.0 (5.4-6.8)	7.2 (6.5-8.0)
Ever Told Have Asthma ²	13.6 (12.3-15.0)	12.8 (11.7-14.1)
Still Have Asthma ³	7.9 (7.0-9.0)	7.7 (6.8-8.6)
Ever Told Heart Attack ⁴	2.5 (2.1-3.0)	3.4 (2.9-3.9)
Ever Told Angina or Coronary Heart Disease ⁵	2.0 (1.6-2.3)	2.6 (2.2-3.1)
Ever Told Stroke ⁶	1.2 (1.0-1.6)	1.6 (1.3-2.0)
Disability ⁷	12.0 (10.9-13.2)	12.8 (11.8-14.0)
Ever Told Cancer ⁸	7.1 (6.3-8.0)	9.1 (8.2-10.0)
Health Risk Behaviors		
Obese ⁹	27.2 (25.5-29.0)	27.1 (25.5-28.7)
No Leisure-Time Physical Activity ¹⁰	20.2 (18.8-21.8)	21.1 (19.7-22.5)
Inadequate Physical Activity ¹¹	45.2 (43.3-47.2)	46.2 (44.4-48.0)
Inadequate Fruit and Vegetable Consumption ¹²	78.1 (76.4-79.6)	77.8 (76.3-79.2)
Current Smoker ¹³	19.1 (17.6-20.7)	18.2 (16.9-19.6)
Heavy Drinking ¹⁴	5.6 (4.7-6.5)	5.4 (4.6-6.3)
Binge Drinking ¹⁵	19.3 (17.7-20.9)	17.8 (16.5-19.3)
Ever Told High Blood Pressure ¹⁶	21.5 (20.1-23.0)	24.6 (23.3-26.0)
Health Indicators		
General Health, Fair or Poor ¹⁷	9.5 (8.4-10.6)	10.3 (9.3-11.4)
Poor Physical Health on at least 14 Days in the Past Month ¹⁸	6.3 (5.4-7.3)	6.4 (5.6-7.3)
Poor Mental Health on at least 14 Days in the Past Month ¹⁹	9.5 (8.3-10.7)	8.9 (7.9-10.0)
Activity Limitation on at least 14 Days in the Past Month ²⁰	3.6 (3.0-4.5)	3.7 (3.0-4.4)
No Health Care Coverage (Among 18 – 64 year olds) ²¹	17.0 (15.3-18.8)	16.5 (14.9-18.2)
No Personal Health Care Provider ²²	16.7 (15.1-18.5)	15.0 (13.7-16.5)
No Health Care Access During Past 12 Months Due to Cost ²³	12.8 (11.5-14.1)	11.9 (10.8-13.1)
Activity Limitation ²⁴	11.0 (9.9-12.2)	11.5 (10.5-12.6)
Used Special Equipment ²⁵	3.4 (2.8-4.1)	3.9 (3.3-4.6)
Rarely/Never Received the Social/Emotional Support Needed ²⁶	7.3 (6.2-8.5)	7.4 (6.5-8.5)
Dissatisfied or Very Dissatisfied with Life ²⁷	5.7 (4.9-6.7)	5.4 (4.7-6.3)
Preventive Health Practices		
No Routine Checkup in Past Year ²⁸	35.2 (33.3-37.1)	33.8 (32.1-35.5)
Cholesterol Ever Checked ²⁹	78.4 (76.4-80.2)	81.1 (79.7-82.4)
Ever Told High Cholesterol ³⁰	32.3 (30.6-34.1)	31.6 (29.9-33.3)
Ever Had an HIV Test Among Those Aged 18 – 64 Years ³¹	38.3 (36.2-40.4)	38.6 (36.7-40.5)

* Age-adjusted by direct method using the 2000 U.S. Census.

Appendix: Definitions

- ¹ Among all adults, the proportion who reported that they were ever told by a doctor that they have diabetes. Women who had diabetes only during pregnancy and adults who were diagnosed with pre-diabetes were considered to not have been diagnosed with diabetes.
- ² Among all adults, the proportion who reported that they were ever told by a doctor, nurse, or other health care professional that they had asthma.
- ³ Among all adults, the proportion who reported that they still had asthma.
- ⁴ Among all adults, the proportion who had ever been told by a doctor that they had a heart attack or myocardial infarction.
- ⁵ Among all adults, the proportion who had ever been told by a doctor that they had angina or coronary heart disease.
- ⁶ Among all adults, the proportion who had ever been told by a doctor that they had a stroke.
- ⁷ The proportion who reported being limited in any activities because of physical, mental, or emotional problems, or reported that they required use of special equipment (such as a cane, a wheelchair, a special bed, or a special telephone) due to a health problem.
- ⁸ Among all adults, the proportion who reported that they were ever told by a doctor, nurse, or other health professional that they have cancer.
- ⁹ Note: BMI, body mass index, is defined as weight (in kilograms) divided by height (in meters) squared [weight in kg/(height in meters)²]. Weight and height were self-reported. Pregnant women were excluded. Among all adults, the proportion of respondents whose BMI was greater than or equal to 30.0.
- ¹⁰ Among all adults, the proportion who reported not participating in any leisure-time physical activities or exercises such as running, calisthenics, golf, gardening, or walking during the past month.
- ¹¹ Among all adults, the proportion who reported that they do not usually do moderate physical activities for a total of at least 30 minutes on five or more days per week or vigorous physical activities for a total of at least 20 minutes on three or more days per week while not at work.
- ¹² Among all adults, the proportion whose total reported consumption of fruits (including juice) and vegetables was less than five times per day.
- ¹³ Among all adults, the proportion who reported that they had ever smoked at least 100 cigarettes (five packs) in their life and that they smoke cigarettes now, either every day or on some days.
- ¹⁴ Among all adults, the proportion who reported consuming on average more than two alcoholic beverages per day for men or more than one alcoholic beverage per day for women.
- ¹⁵ Among all adults, the proportion who reported consuming five or more drinks per occasion at least once in the previous month.
- ¹⁶ Among all adults, the proportion who reported that they were ever told by a doctor that they have high blood pressure (HBP). Women who had HBP only during pregnancy and adults who were borderline hypertensive were considered to not have been diagnosed.
- ¹⁷ Among all adults, the proportion who reported that their health, in general, was either fair or poor.
- ¹⁸ Among all adults, the proportion who reported 14 or more days of poor physical health, which includes physical illness and injury, during the past 30 days.
- ¹⁹ Among all adults, the proportion who reported 14 or more days of poor mental health, which includes stress, depression, and problems with emotions, during the past 30 days.
- ²⁰ Among all adults, the proportion who reported 14 or more days in the past 30 days in which either poor physical health or poor mental health kept them from doing their usual activities, such as self-care, work, and recreation.
- ²¹ Among adults aged 18-64 years, the proportion who reported having no health care coverage, including health insurance, prepaid plans such as HMOs, or government plans, such as Medicare.
- ²² Among all adults, the proportion who reported that they did not have anyone that they thought of as their personal doctor or health care provider.
- ²³ Among all adults, the proportion who reported that in the past 12 months that there was a time when they could not see a doctor when they needed to due to the cost.
- ²⁴ Among all adults, the proportion who reported being limited in any activities because of physical, mental, or emotional problems.
- ²⁵ Among all adults, the proportion who reported that they required use of special equipment (such as a cane, a wheelchair, a special bed, or a special telephone) due to a health problem.

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- ²⁶ Among all adults, the proportion who reported either “Rarely” or “Never” to the following question: “How often do you get the social and emotional support you need?”
- ²⁷ Among all adults, the proportion who reported either “Dissatisfied” or “Very Dissatisfied” to the following question: “In general, how satisfied are you with your life?”
- ²⁸ Among all adults, the proportion who reported that they did not have a routine checkup in the past year.
- ²⁹ Among all adults, the proportion who reported ever having had their blood cholesterol checked.
- ³⁰ Among adults who ever had their blood cholesterol checked, the proportion who reported that a doctor, nurse, or other health professional had told them that their cholesterol was high.
- ³¹ Note: “Don't know” was considered a valid response. Among adults aged 18 - 64 years, the proportion who reported that they ever had been tested for HIV, apart from tests that were part of a blood donation.