Michigan Arthritis Fact Sheet (Released May 2009)

What is arthritis?
The term “arthritis” covers more than 100 diseases and conditions affecting joints, the surrounding tissues, and other connective tissues. Arthritis and other rheumatic conditions include osteoarthritis, rheumatoid arthritis, systemic lupus erythematosus, juvenile rheumatoid arthritis, gout, bursitis, rheumatic fever, Lyme arthritis, carpal tunnel disease and other disorders. This report is based on information from the Michigan 2007 Behavioral Risk Factor and the 2005 Diabetes, Arthritis and Osteoporosis Surveys. For these surveys, arthritis is defined as doctor-diagnosed arthritis.

How does arthritis affect people?
• 2.4 million Michigan adults age 18 and older reported doctor-diagnosed arthritis in 2007.2,3
32% of Michigan adults reported having arthritis, the eighth highest arthritis prevalence rate in the country.
• 875,000 Michigan adults reported arthritis-attributable activity limitations.2,3
• Arthritis and related disability is expected to increase as the population ages: it is projected that nearly 2.9 million Michigan adults will have arthritis in 2030 and over one million will have arthritis-attributable activity limitations.4,5
• Two-thirds of people with arthritis in Michigan were younger than 65 years of age.4 Children were affected as well.
• Non-Hispanic black adults with arthritis were significantly more likely than white adults to report: 1) activity limitations due to their arthritis4 and 2) being unable to get care for their arthritis when needed.5

What increases risk?
• Gender: Michigan women had a 24% higher risk of arthritis than men in 2007.2
• Older age: Arthritis risk increases with age, from 4.7% among Michigan adults age 18-24 to 63.6% among those age 75 and over.5
• Family history: Certain genes are known to be associated with a higher risk of some types of arthritis.11
• Obesity: The most common type of arthritis, osteoarthritis, is associated with obesity in all adults.11-12 Gout in men is also associated with obesity.11, 13
• Joint injuries: Sports, occupational and repetitive motion joint injuries increase the risk of arthritis.11-12,14 Occupations such as farming, heavy industry, and those involving repetitive motion are associated with arthritis.14

What helps?
• Medications for some types of arthritis can limit disease progression, control symptoms and prevent serious complications.17-18
• Physical activity in the form of regular, moderate exercise maintains joint health, relieves pain and improves function.15-16
• Physical activity can reduce the risk of functional decline by 38-41% and disability by 47% among adults with arthritis.17-18 Several community-based physical activity programs are available for people with arthritis and have demonstrated positive results. These include Arthritis Foundation programs and Enhance Fitness.
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- Reducing excess weight can reduce the risk of knee osteoarthritis and limit progression of disease. Losing as little as 11 pounds may reduce the risk of developing knee osteoarthritis by 50%. Weight loss programs incorporating both exercise participation and dietary restriction are the most effective and result in significant improvements in pain and function.

- The Arthritis Foundation Self-Help Program and the Chronic Disease Self-Management Program have proven to reduce arthritis-related pain and decrease physician visits. These courses involve small group education with a focus on problem solving, exercise, relaxation and communication.

- Physical and rehabilitation therapy are effective in reducing pain and improving function and disability.

- Joint replacement therapy often reduces pain and improves activity.

The Michigan Arthritis Program

In response to the recommendations of the National Arthritis Action Plan (NAAP), the Center for Disease Control and Prevention (CDC) established cooperative agreements with state health departments to develop and enhance state-based programs that aim to decrease the burden of arthritis and improve the quality of life among people with arthritis.

- Since 1999, the Michigan Arthritis Program has received funding from the Centers for Disease Control and Prevention.

- Currently, the Michigan Arthritis Program is focusing on activities outlined in the Michigan Arthritis Action Plan.

- Activities include: the Michigan Arthritis Collaborative Partnership, self-management and physical activity opportunities for people with arthritis, and surveillance to better understand the burden of arthritis.

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- To view the Michigan arthritis website: www.michigan.gov/arthritis

References


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