

Health Outcomes - 4 Injury Mortality

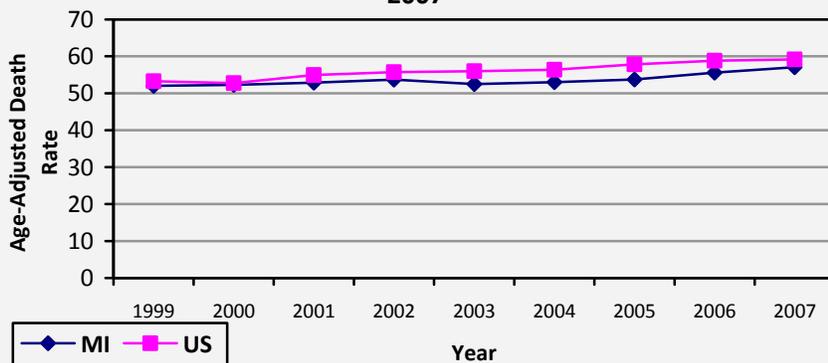
**MICHIGAN 2010
CRITICAL
HEALTH
INDICATORS**

Indicator Definition: Age-adjusted mortality rates (deaths per 100,000 population) due to injuries. (Age-adjusted to Year 2000 Standard Population.)

Indicator Overview:

- Injuries are a major cause of death and disability in the United States and worldwide.
- As of 1999, mortality data has been recorded using the *International Classification of Disease-10th Revision (ICD-10)*. Data prior to 1999 was coded using a different classification system (ICD-9) and can be difficult to compare with more recent data.
- Injury death and disability create a large economic burden. Costs for lifetime medical treatment for those injured in 2000 in the United States are estimated to total \$80 billion with an additional cost of \$346 billion in lost productivity.

Injury Death Rates per 100,000, Michigan and US, 1999-2007

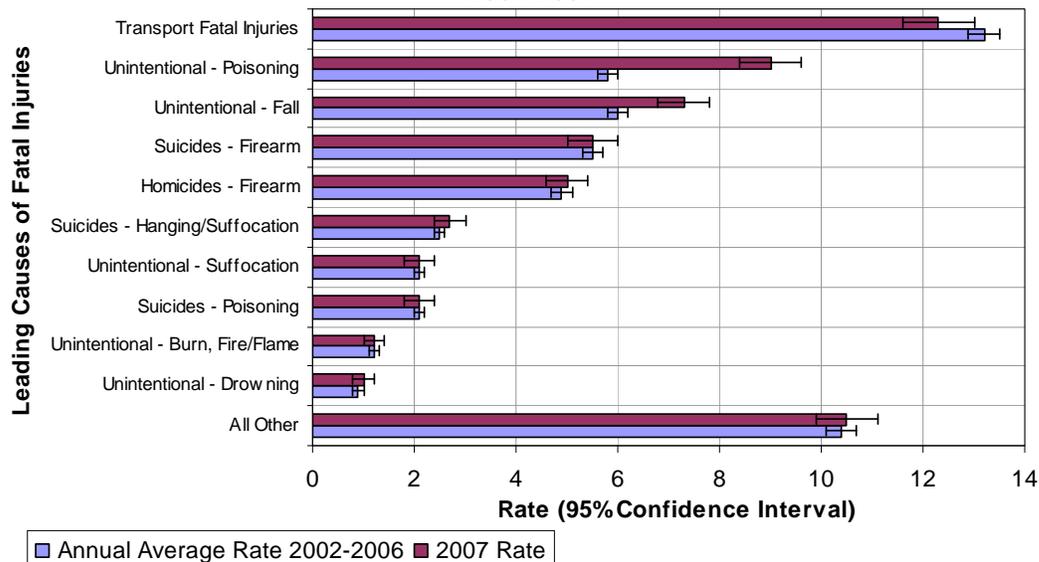


← **Trends:** Compared to the U.S., Michigan had lower age-adjusted death rates from 1999 through 2007. In the last five years of this period there was a greater difference between the U.S. and Michigan's rates. This stemmed from Michigan seeing a decrease in age-adjusted rate between 2002 and 2003 while the U.S. rate continued to rise. As of 2007 Michigan's age-adjusted death rate for injuries was 57.03 while the US rate was 59.14.

→ **Additional Information:**

Pictured at right are the top ten leading causes of injury death for Michigan residents among all ages and both sexes. Transportation injuries are the number one cause of injury death. These include injuries involving aircraft, watercraft, motor vehicle, railway, and other road vehicles (excluding intentional or undetermined deaths). In 2007, rates for unintentional falls and especially unintentional poisonings significantly exceeded the previous five-year average.

Death Rate Per 100,000 Michigan Residents, Both Sexes, All Ages, 2002-2007



Links to Other Sources of Information:

Fatal Injury Data, CDC: <http://www.cdc.gov/injury/wisqars/fatal.html>
 Leading Causes of Fatal Injuries, MDCH: <http://www.mdch.state.mi.us/pha/osr/index.asp?id=29>

Links to Related Public Health Programs:

Injury and Violence Prevention, MDCH: <http://www.michigan.gov/injuryprevention>
 National Center for Injury Prevention and Control, CDC: <http://www.cdc.gov/injury/index.html>