**Michigan**

**Overall Rank:** 32  
Change: ▲ 2

**Strengths:**  
- Low percentage of uninsured population  
- High rate of primary care physicians  
- Small difference in health status by high school education

**Challenges:**  
- Low percentage of high school graduation  
- High cardiovascular death rate  
- High prevalence of frequent physical distress

**Highlights:**  
- Since 2012, smoking decreased 19% from 23.3% to 18.9% of adults  
- Since 2013, high school graduation increased 8% from 74.0% to 82.2% of students  
- In the past 10 years, chlamydia increased 37% from 370.9 to 507.9 cases per 100,000 population  
- In the past two years, mental health providers increased 13% from 234.8 to 265.4 per 100,000 population  
- Since 1993, low birthweight increased 16% from 7.6% to 8.8% of live births  
- Since 2012, diabetes increased 17% from 10.0% to 11.7% of adults

**Senior Report Rank:** 26  
**Health of Women and Children Report Rank:** 29

**State Health Department Website:** [michigan.gov/mdhhs](http://michigan.gov/mdhhs)

---

**Behaviors**

- **Drug Deaths (deaths per 100,000 population)**  
  ++ 23.9  37  7.2
- **Excessive Drinking (% of adults)**  
  ++ 19.5  39  11.3
- **High School Graduation (% of students)**  
  + 80.2  42  91.0
- **Obesity (% of adults)**  
  ++ 33.0  31  22.9
- **Physical Inactivity (% of adults)**  
  +++ 23.8  25  16.4
- **Smoking (% of adults)**  
  ++ 18.9  36  9.0

**Behaviors Total**  
- **+** -0.167  43  0.288

---

**Community & Environment**

- **Air Pollution (micrograms of fine particles per cubic meter)**  
  ++ 8.0  34  4.4
- **Infectious Disease (mean z score of chlamydia, pertussis and Salmonella)**  
  ++++ -0.250  18 -1.230

**Challenges**

- **Small difference in health status by high school education**  
- **High rate of primary care physicians**  
- **Low percentage of uninsured population**

---

**Policy**

- **Immunizations—Adolescents (mean z score of HPV, meningococcal and Tdap)**  
  ++++ 0.985  5  1.863
- **Immunizations—HPV Females (% ages 13–17)**  
  ++++ 56.9  19  76.1
- **Immunizations—HPV Males (% ages 13–17)**  
  ++++ 53.3  16  80.0
- **Immunizations—Meningococcal (% ages 13–17)**  
  ++++ 95.9  2  98.7
- **Immunizations—Tdap (% ages 13–17)**  
  ++++ 93.8  7  97.5
- **Immunizations—Children (ages 19–35 months)**  
  ++++ 69.9  29  82.1
- **Public Health Funding (dollars per person)**  
  + 58  43  281
- **Uninsured (% of population)**  
  ++++ 0.063  15  0.206

**Community & Environment Total**  
- **++** -0.100  31  0.687

---

**Clinical Care**

- **Dentists (number per 100,000 population)**  
  ++++ 60.6  18  82.7
- **Low Birthweight (% of live births)**  
  ++ 8.8  34  6.2
- **Mental Health Providers (number per 100,000 population)**  
  ++++ 265.4  18  626.6
- **Preventable Hospitalizations (discharges per 1,000 Medicare enrollees)**  
  ++ 55.4  39  233
- **Primary Care Physicians (number per 100,000 population)**  
  ++++ 205.2  6  274.9

**Clinical Care Total**  
- **+++** 0.010  21  0.188

**All Determinants**  
- **++** -0.100  31  0.687

---

**Outcomes**

- **Cancer Deaths (deaths per 100,000 population)**  
  ++ 200.9  36  149.8
- **Cardiovascular Deaths (deaths per 100,000 population)**  
  + 300.7  41  193.8
- **Diabetes (% of adults)**  
  ++ 11.7  32  7.0
- **Disparity in Health Status (% difference by high school education)**  
  ++++ 18.9  6  14.5
- **Frequent Mental Distress (% of adults)**  
  ++ 14.3  34  9.3
- **Frequent Physical Distress (% of adults)**  
  ++ 14.3  40  9.6
- **Infant Mortality (deaths per 1,000 live births)**  
  ++ 6.6  36  3.8
- **Premature Death (years lost before age 75 per 100,000 population)**  
  ++ 8.111  32  5.665

**All Outcomes**  
- **++** -0.109  36  0.234

**OVERALL**  
- **++** -0.209  32  0.850

---

*Value indicates z score. Negative scores are below U.S. value, positive scores are above U.S. value. Years reflect edition year, not data source year. For measure definitions, including data sources and years, see Table 9.*