

Overall Rank: 30

Change: ▲1

Determinants Rank: 30

Outcomes Rank: 31

Strengths:

- Low rate of uninsured population
- Low geographic disparity within the state
- Low occupational fatalities rate

Challenges:

- High prevalence of binge drinking
- High prevalence of obesity
- High rate of deaths from cardiovascular disease

Significant Changes:

- In the past year, the percentage of children in poverty increased by 21%
- In the past five years, the prevalence of smoking decreased by 22%
- In the past ten years, immunization coverage increased by 64%
- Since 1990, the prevalence of obesity increased by 109%

Ranking: Michigan is 30th this year; it was 31st in 2008.

Strengths: Strengths include a low rate of uninsured population at 11.7 percent, a low occupational fatalities rate at 3.8 deaths per 100,000 workers and low geographic disparity within the state at 9.0 percent.

Challenges: Challenges include a high prevalence of binge drinking at 18.1 percent of the population, a high prevalence of obesity at 29.5 percent of the population, and a high rate of deaths from cardiovascular disease at 317.9 deaths per 100,000 population.

Significant Changes:

- ▲ In the past year, the percentage of children in poverty increased from 15.8 percent to 19.1 percent of persons under age 18.
- ▼ In the past five years, the prevalence of smoking decreased from 26.1 percent to 20.4 percent of the population.
- ▲ In the past ten years, immunization coverage increased from 46.7 percent to 76.8 percent of children ages 19 to 35 months receiving complete immunizations.

▲ Since 1990, the prevalence of obesity increased from 14.1 percent to 29.5 percent of the population.

Health Disparities: In Michigan, obesity is more prevalent among non-Hispanic blacks at 38.0 percent than non-Hispanic whites at 27.4 percent. The prevalence of diabetes also varies by race and ethnicity in the state; 13.4 percent of non-Hispanic blacks have diabetes compared to 8.1 percent of non-Hispanic whites. In addition, mortality rates vary in Michigan, with 1,084.2 deaths per 100,000 population among blacks compared to whites, who experience 810.7 deaths per 100,000 population.

State Health Department Web Site:

www.michigan.gov/mdch

DETERMINANTS	2009		NO. 1 STATE
	VALUE	RANK	
BEHAVIORS			
Prevalence of Smoking (Percent of population)	20.4	35	9.3
Prevalence of Binge Drinking (Percent of population)	18.1	43	9.0
Prevalence of Obesity (Percent of population)	29.5	41	19.1
High School Graduation (Percent of incoming ninth graders)	72.2	36	87.5
COMMUNITY & ENVIRONMENT			
Violent Crime (Offenses per 100,000 population)	502	35	118
Occupational Fatalities (Deaths per 100,000 workers)	3.8	9	3.1
Infectious Disease (Cases per 100,000 population)	10.7	21	2.4
Children in Poverty (Percent of persons under age 18)	19.1	28	8.6
Air Pollution (Micrograms of fine particles per cubic meter)	12.1	34	4.8
PUBLIC & HEALTH POLICIES			
Lack of Health Insurance (Percent without health insurance)	11.7	16	5.4
Public Health Funding (Dollars per person)	\$50	39	\$220
Immunization Coverage (Percent of children ages 19 to 35 months)	76.8	28	85.0
CLINICAL CARE			
Prenatal Care (Percent of pregnant women)*	78.1	—	—
Primary Care Physicians (Number per 100,000 population)	114.2	26	190.0
Preventable Hospitalizations (Number per 1,000 Medicare enrollees)	74.9	30	29.3
ALL DETERMINANTS			
	-0.09	30	0.83
HEALTH OUTCOMES			
Poor Mental Health Days (Days in previous 30 days)	3.5	32	2.2
Poor Physical Health Days (Days in previous 30 days)	3.5	28	2.7
Geographic Disparity (Relative standard deviation)	9.0	13	4.3
Infant Mortality (Deaths per 1,000 live births)	7.6	36	4.8
Cardiovascular Deaths (Deaths per 100,000 population)	317.9	41	212.6
Cancer Deaths (Deaths per 100,000 population)	199.9	33	144.7
Premature Death (Years lost per 100,000 population)	7,725	29	5,595
ALL HEALTH OUTCOMES			
	0.03	31	0.35
OVERALL			
	-0.06	30	1.06

— indicates data not available. *See measure description for full details.

ECONOMIC ENVIRONMENT	
Unemployment Rate (Aug 2009)	15.2%
Underemployment Rate (2008)	15.1%
Median Household Income (2008)	\$49,788

