

*Comparison of
Michigan Critical Health Indicators
&
Healthy People 2010 Targets*

April 2008

*Michigan Department
of Community Health*



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INTRODUCTION

Michigan Critical Health Indicators is a set of forty-two indicators that establishes a measurement of health and well-being for the state as a whole. The indicators range from healthy lifestyles, such as physical activity to mortality, such as the overall cancer death rate. Each indicator provides a unique view of one aspect of Michigan residents' health. Put them together and we can see a picture of the health of the state as a whole. The goal of the Critical Health Indicators is to inform the public on Michigan's health and well-being, establish a method for monitoring improvement, and serve as a resource for state and local policy makers and planners.

The Healthy People 2010 (HP2010) initiative provides a framework for health promotion and disease prevention. This federal initiative established a set of national health objectives to identify the most significant preventable threats to health and establish national goals to reduce these threats. The intent is that states, communities, professional organizations, and people will use Healthy People 2010 as they develop programs to improve health. This initiative has 28 focus areas with 467 objectives designed to serve as a road map for improving people's health during the first decade of the new century. Within each objective, a target is set to assess whether the nation has successfully achieved the objective. Healthy People 2010 has two overarching goals for residents of the United States: to increase quality and years of healthy life and to eliminate health disparities.

Michigan Critical Health Indicators and the Healthy People 2010 Initiative both identify priorities and track progress over time in addressing health issues. Similar data sets are used for many of the measures found in both Michigan Critical Health Indicators and Healthy People 2010. Given these similarities, the intent of this report is to utilize Michigan Critical Health Indicators to gauge Michigan's success in meeting national targets set forth in Healthy People 2010.

Upon review, we find that twenty-five of the forty-two Michigan Critical Health Indicators are comparable with Healthy People 2010 Objectives. This report specifically looks at those twenty-five indicators and determines if Michigan has met, exceeded, or not yet reached the HP 2010 target. This report also explores Michigan's ranking compared to the other forty-nine states and the United States average (or median in some instances) on each objective. Finally, we graphically depict Michigan's trendline over the past six to eight years, so that one can see if Michigan is approaching the national target for each objective/indicator.

SUMMARY CHART

** BOLD indicates HP2010 Target achieved

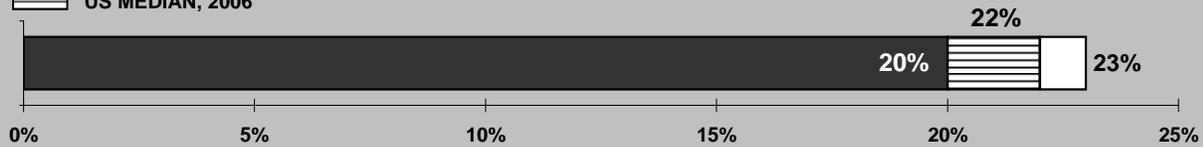
	<i>Healthy People 2010 Target</i>	<i>Michigan Data</i>	<i>US Data (Average/Median)</i>	<i>Michigan Rank Among States</i>
◦ Reduce the Proportion of Adults Who Engage in No Leisure Time Physical Activity	20%	23%	22%	26th
◦ Reduce Proportion of Adults Who Are Obese	15%	29%	25%	44th
◦ Reduce Tobacco Use by Adults (Cigarette Smoking)	12%	22%	20%	32nd
◦ Reduce Tobacco Use by Adolescents (Cigarettes in the Past Month)	16%	17%	23%	7th
◦ Reduce Coronary Heart Disease Deaths	162/100,000	177/100,000	160/100,000	42nd
◦ Reduce the Stroke Death Rate	50/100,000	50/100,000	50/100,000	24th
◦ Reduce Overall Cancer Death Rate	158.6/100,000	189.5/100,000	185.8/100,000	28th
◦ Reduce the Female Breast Cancer Death Rate	21.3/100,000	24.3/100,000	24.4/100,000	28th
◦ Increase the Proportion of Women Receiving a Mammogram in the Past Two Years	70%	80%	77%	7th
◦ Reduce the Cervical Cancer Death Rate	2.0/100,000	2.1/100,000	2.4/100,000	11th
◦ Increase the Proportion of Women Receiving a Pap Test	90%	86%	84%	13th
◦ Reduce the Colorectal Cancer Death Rate	13.7/100,000	17.8/100,000	18.0/100,000	24th

SUMMARY CHART (continued)

	<i>Healthy People 2010 Target</i>	<i>Michigan Data</i>	<i>US Data (Average/Median)</i>	<i>Michigan Rank Among States</i>
◦ Increase the Proportion of Adults Receiving Colorectal Cancer Screening	33%	27%	24%	14th
◦ Reduce the Prostate Cancer Death Rate	28.2/100,000	24.0/100,000	25.4/100,000	10th
◦ Reduce the Lung Cancer Death Rate	43.3/100,000	56.6/100,000	53.2/100,000	32nd
◦ Reduce Infant Mortality	4.5/1,000	7.6/1,000	6.8/1,000	35th
◦ Reduce the Suicide Rate	4.8/100,000	10.8/100,000	10.9/100,000	14th
◦ Increase the Proportion of Adults who are Vaccinated Annually Against Influenza	90%	71%	70%	17th
◦ Increase the Proportion of Children, 19-35 Months, Who Receive Recommended Vaccines	80%	82.7%	80.8%	23rd
◦ Reduce Deaths from HIV Infections	0.7/100,000	2.1/100,000	4.5/100,000	15th
◦ Reduce Gonorrhea	19/100,000	155/100,000	121/100,000	38th
◦ Eliminate Transmission of Primary and Secondary Syphilis	.02/100,000	1.2/100,000	3.3/100,000	14th
◦ Reduce Deaths Caused by Unintentional Injuries	17.1/100,000	32.2/100,000	37.7/100,000	8th
◦ Reduce Deaths Caused by Motor Vehicle Crashes	8.0/100,000	12.1/100,000	14.7/100,000	14th
◦ Increase the Proportion of Adults with Health Insurance	100%	85%	83%	16th

REDUCE THE PROPORTION OF ADULTS WHO ENGAGE IN NO LEISURE-TIME PHYSICAL ACTIVITY

HEALTHY PEOPLE 2010 TARGET
 MICHIGAN, 2006
 US MEDIAN, 2006



This graphic represents the percentage of Michigan's population age 18 and older, who, in 2006, engaged in no leisure-time physical activity. The Healthy People 2010 target is to have only 20% of those 18 and older engaging in no leisure-time physical activity. In 2006, 23% of Michigan's population age 18 and older engaged in no leisure-time physical activity. A comparison of the 50 states, using 2006 data from the U.S. Centers for Disease Control and Prevention's Behavioral Risk Factor Surveillance System, found that Minnesota had the lowest rate of no leisure-time physical activity at 14%, while Michigan ranked 26th.

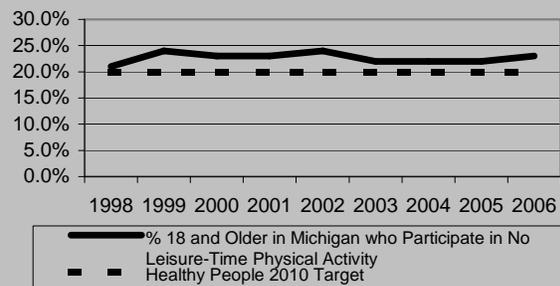
ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

Decrease % of those in Michigan, age 18 and older, who engage in no leisure-time physical activity by 3%

STATE RANKINGS

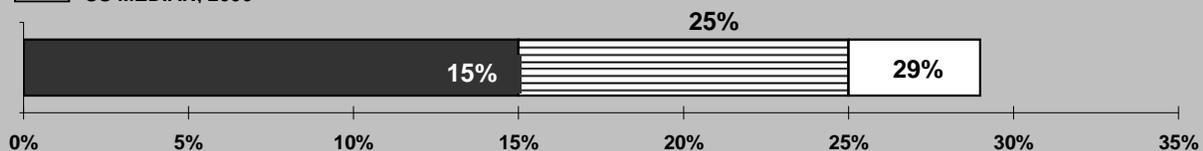
- Minnesota ranked 1st in 2006 for having the lowest rate of no leisure-time physical activity (14%)
- Michigan ranked 26th in 2006 for having the lowest rate of leisure-time physical activity (23%)

MICHIGAN TRENDLINE



REDUCE THE PROPORTION OF ADULTS WHO ARE OBESE

HEALTHY PEOPLE 2010 TARGET
 MICHIGAN, 2006
 US MEDIAN, 2006



This graphic represents the percentage of Michigan's adult population in 2006 who were obese, which is defined as a Body Mass Index (BMI) of 30 or more. The Healthy People 2010 target is 15% of the adult population. In 2006, 29% of Michigan's adult population was obese. A comparison of the 50 states, using 2006 data from the U.S. Centers for Disease Control and Prevention's Behavioral Risk Factor Surveillance System, found that Colorado had the lowest rate of adult obesity at 18%, while Michigan ranked 44th.

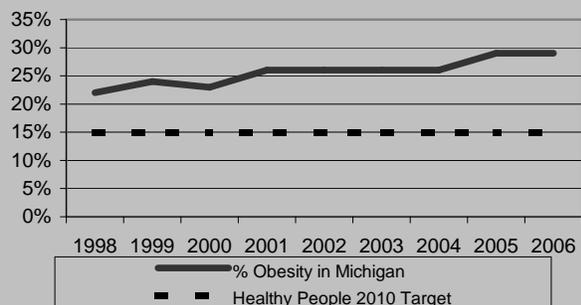
ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

Reduce % of obese adults in Michigan by 14%

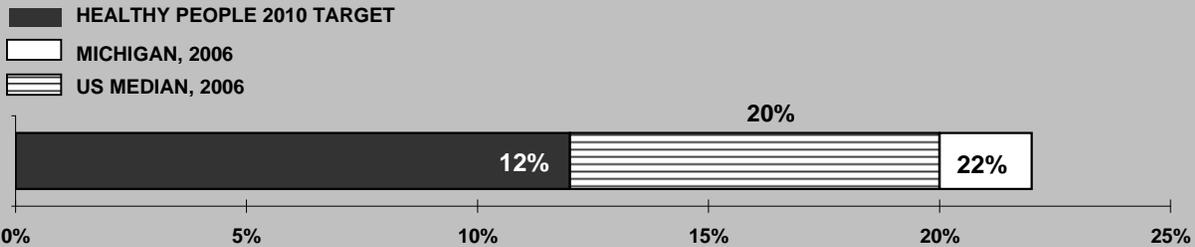
STATE RANKINGS

- Colorado ranked 1st in 2006 for having the lowest rate of adult obesity (18%)
- Michigan ranked 44th in 2006 for having the lowest rate of adult obesity (29%)

MICHIGAN TRENDLINE



REDUCE TOBACCO USE BY ADULTS (CIGARETTE SMOKING)

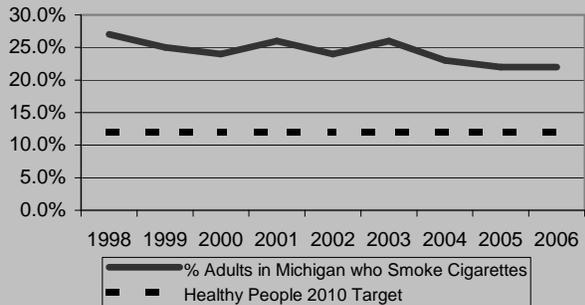


This graphic represents the percentage of Michigan adult population 18 and older, who, in 2006, smoked cigarettes. The Healthy People 2010 target is to have only 12% of the adult population smoke cigarettes. In 2006, 22% of Michigan's adult population smoked cigarettes. A comparison of the 50 states, using 2006 data from the U.S. Centers for Disease Control and Prevention's Behavioral Risk Factor Surveillance System, found that Utah had the lowest rate of adult cigarette smoking at 10%, while Michigan ranked 32nd.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

Reduce % of adults in Michigan who smoke cigarettes by 10%

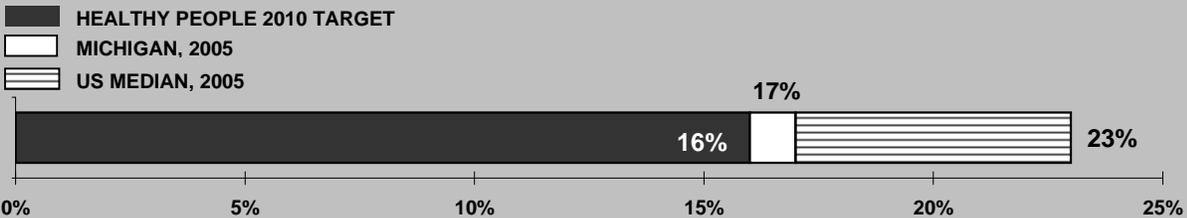
MICHIGAN TRENDLINE



STATE RANKINGS

- Utah ranked 1st in 2006 for having the lowest rate of adults smoking cigarettes (10%)
- Michigan ranked 32nd in 2006 for having the lowest rate of adults smoking cigarettes (22%)

REDUCE TOBACCO USE BY ADOLESCENTS (CIGARETTES PAST MONTH)

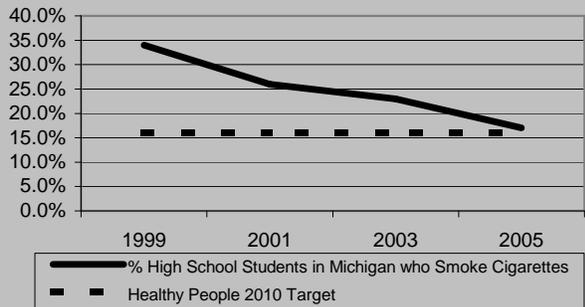


This graphic represents the percentage of Michigan's high school students, who, in 2005, had smoked cigarettes in the past month. The Healthy People 2010 target is to have only 16% of high school students report cigarette smoking in the past month. In 2005, 17% of Michigan's high school students had smoked cigarettes in the past month. A comparison of 40 states*, using 2005 data from the U.S. Centers for Disease Control and Prevention's Behavioral Risk Factor Surveillance System, found that Utah had the lowest percentage of cigarette smoking among high school students at 7%, while Michigan ranked 7th.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

Reduce % of high school students in Michigan, who have smoked cigarettes in the past month by 1%

MICHIGAN TRENDLINE

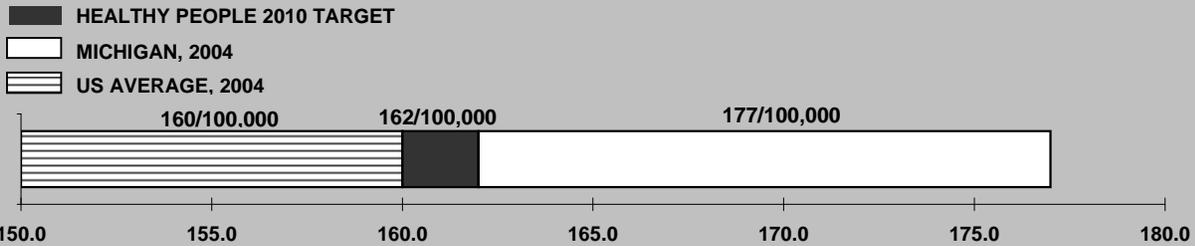


STATE RANKINGS

- Utah ranked 1st in 2005 for having the lowest rate of cigarette smoking among high school students (7%)
- Michigan ranked 7th in 2005 for having the lowest rate of cigarette smoking among high school students (17%)

* States not included in comparison are AK, CA, IL, LA, MN, MS, OR, PA, VA, and WA.

REDUCE CORONARY HEART DISEASE DEATHS *



This graphic represents the coronary heart disease death rate in Michigan in 2004. The Healthy People 2010 target is 162/100,000. In 2004, Michigan's coronary heart disease death rate was 177/100,000. A comparison of the 50 states, using 2004 data from the U.S. Centers for Disease Control and Prevention's National Vital Statistics System, found that Minnesota had the lowest coronary heart disease death rate of 93/100,000, while Michigan ranked 42nd.

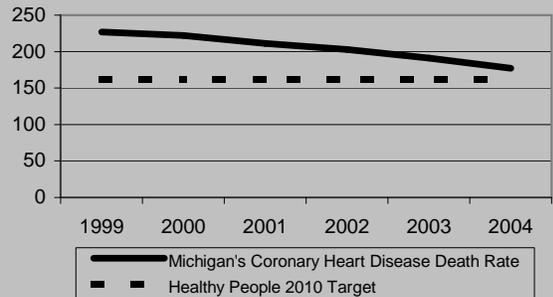
ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

Reduce Michigan's coronary heart disease death rate by 15/100,000

STATE RANKINGS

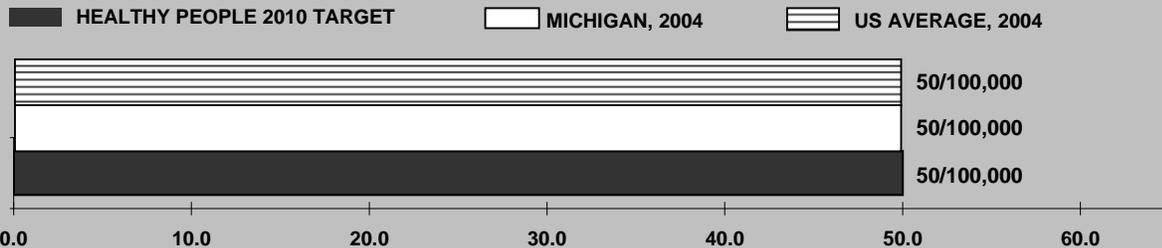
- Minnesota ranked 1st in 2004 for having the lowest coronary heart disease death rate (93/100,000)
- Michigan ranked 42nd in 2004 for having the lowest coronary heart disease death rate (177/100,000)

MICHIGAN TRENDLINE



* Age-adjusted per 100,000 standard population

REDUCE THE STROKE DEATH RATE*



This graphic represents the stroke death rate in Michigan in 2004. The Healthy People 2010 target is 50/100,000. In 2004, Michigan's stroke death rate was 50/100,000. A comparison of the 50 states, using 2004 data from the U.S. Centers for Disease Control and Prevention's National Vital Statistics System, found that New York had the lowest overall stroke death rate of 33/100,000, while Michigan ranked 24th.

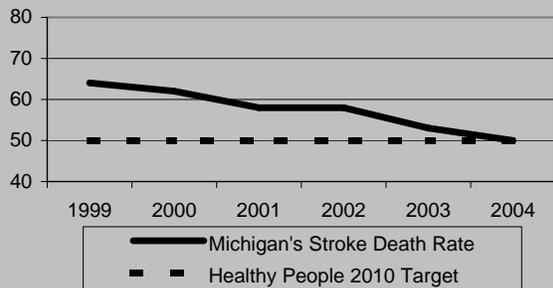
ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

In 2004, Michigan reached the HP 2010 target stroke death rate of 50/100,000

STATE RANKINGS

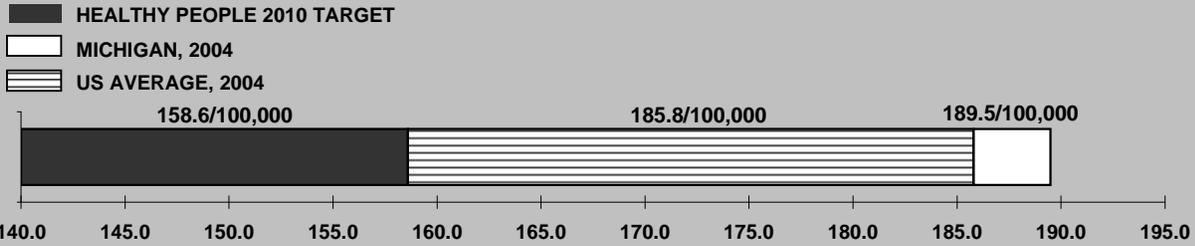
- New York ranked 1st in 2004 for having the lowest stroke death rate (33/100,000)
- Michigan ranked 24th in 2004 for having the lowest stroke death rate (50/100,000)

MICHIGAN TRENDLINE



* Age-adjusted per 100,000 standard population

REDUCE THE OVERALL CANCER DEATH RATE*



This graphic represents the overall cancer death rate in Michigan in 2004. The Healthy People 2010 target is 158.6/100,000. In 2004, Michigan's cancer death rate was 189.5/100,000. A comparison of the 50 states, using 2004 data from the U.S. Centers for Disease Control and Prevention's National Vital Statistics System, found that Utah had the lowest overall cancer death rate of 141.2/100,000, while Michigan ranked 28th.

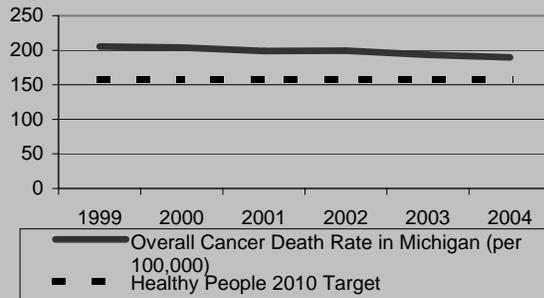
ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

Reduce overall cancer death rate by 30.9/100,000

STATE RANKINGS

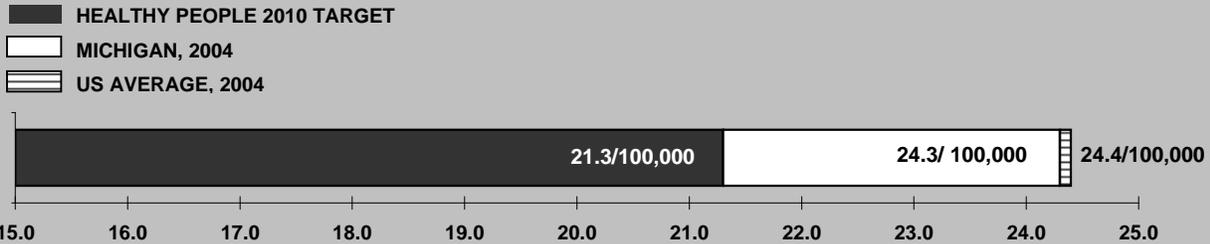
- Utah ranked 1st in 2004 for having the lowest overall cancer death rate (141.2/100,000)
- Michigan ranked 28th in 2004 for having the lowest overall cancer death rate (189.5/100,000)

MICHIGAN TRENDLINE



* Age-adjusted per 100,000 standard population

REDUCE THE FEMALE BREAST CANCER DEATH RATE*



This graphic represents the female breast cancer death rate in Michigan in 2004. The Healthy People 2010 target is 21.3/100,000. In 2004, Michigan's female breast cancer death rate was 24.3/100,000. A comparison of the 50 states, using 2004 data from the U.S. Centers for Disease Control and Prevention's National Vital Statistics System, found that Hawaii had the lowest female breast cancer death rate of 15.7/100,000, while Michigan ranked 28th.

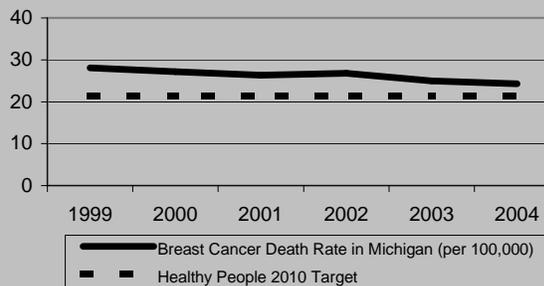
ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

Reduce female breast cancer death rate by 3.0/100,000

STATE RANKINGS

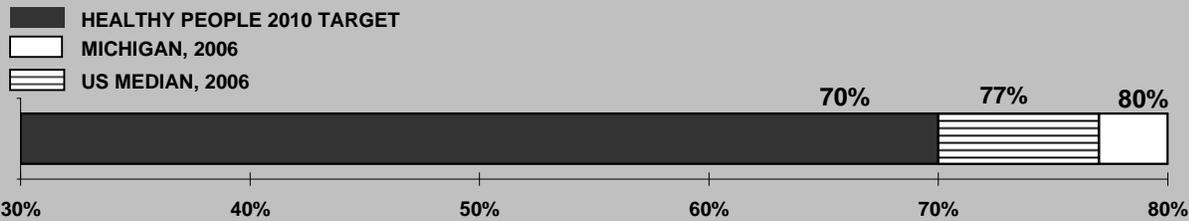
- Hawaii ranked 1st in 2004 for having the lowest female breast cancer death rate (15.7/100,000)
- Michigan ranked 28th in 2004 for having the lowest female breast cancer death rate (24.3/100,000)

MICHIGAN TRENDLINE



* Age-adjusted per 100,000 standard population

INCREASE THE PROPORTION OF WOMEN AGE 40 YEARS AND OLDER RECEIVING A MAMMOGRAM IN THE PAST TWO YEARS



This graphic represents the percentage of Michigan's female adults, age 40 years and older, who received a mammogram in the past two years. The Healthy People 2010 target is to have 70% of female adults receiving a mammogram in the past two years. In 2006, Michigan surpassed this target by 10%. A comparison of the 50 states, using 2006 data from the U.S. Centers for Disease Control and Prevention's Behavioral Risk Factor Surveillance System, found that Massachusetts had the highest percentage of female adults receiving a mammogram in the past two years (85%), while Michigan ranked 7th.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

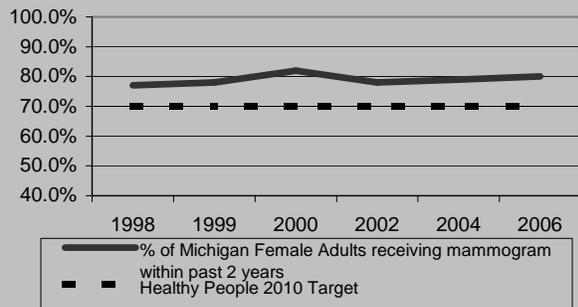


In 2006, Michigan surpassed the HP 2010 target by 10%, with 80% of females age 40 and older receiving a mammogram in the past two years

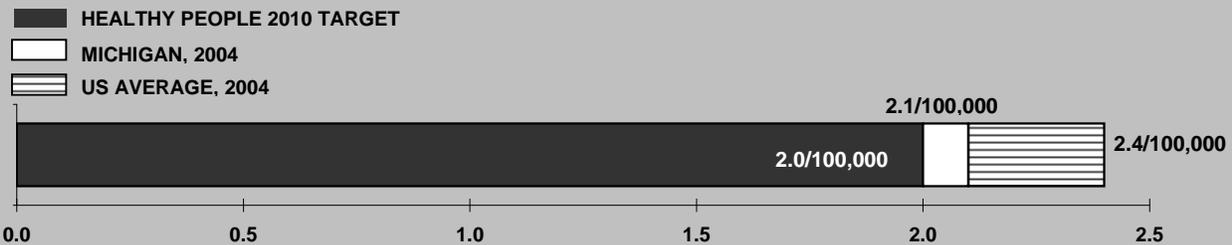
STATE RANKINGS

- Massachusetts* ranked 1st in 2006 for having the highest rate of female adults receive mammograms (85%)
- Michigan* ranked 7th in 2006 for having the highest rate of female adults receive mammograms (80%)

MICHIGAN TRENDLINE



REDUCE THE CERVICAL CANCER DEATH RATE*



This graphic represents the cervical cancer death rate in Michigan in 2004. The Healthy People 2010 target is 2.0/100,000. In 2004, Michigan's cervical cancer death rate was 2.1/100,000. A comparison of the 37 states**, using 2004 data from the U.S. Centers for Disease Control and Prevention's National Vital Statistics System, found that Oregon had the lowest female cervical cancer death rate of 1.5/100,000, while Michigan ranked 11th.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

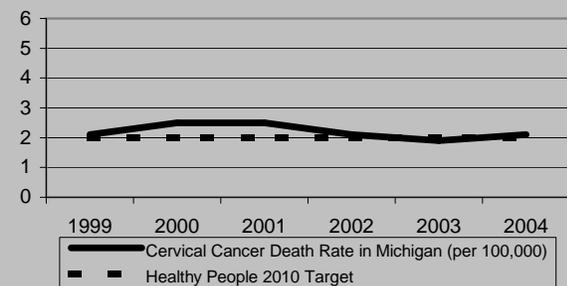


Reduce cervical cancer death rate by 0.1/100,000

STATE RANKINGS

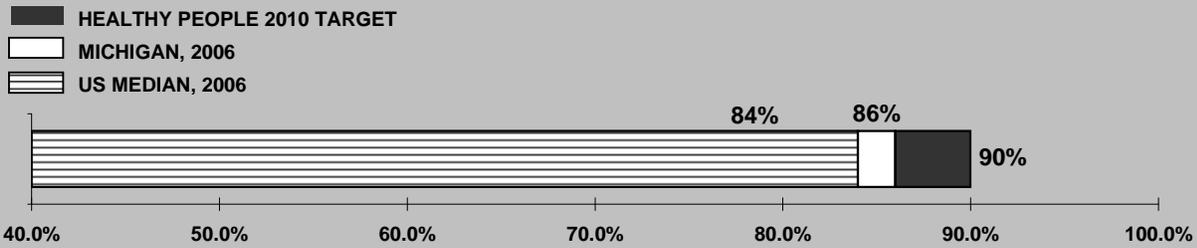
- Oregon* ranked 1st in 2004 for having the lowest cervical cancer death rate (1.5/100,000)
- Michigan* ranked 11th in 2004 for having the lowest cervical cancer death rate (2.1/100,000)

MICHIGAN TRENDLINE



* Age-adjusted per 100,000 standard population. **States not included in comparison are AK, DE, HI, ID, ME, MT, NH, ND, RI, SD, UT, VT and WY.

INCREASE THE PROPORTION OF WOMEN RECEIVING A PAP TEST



This graphic represents from 2006, the proportion of Michigan females age 18 and older that received a pap test within the past 3 years. The Healthy People 2010 target is 90%. In 2006, the proportion of Michigan females age 18 and older receiving a Pap Test was 86%. A comparison of the 50 states, using 2006 data from the U.S. Centers for Disease Control and Prevention's Behavioral Risk Factor Surveillance System, found that Maine and Delaware had the highest proportion of women receiving a Pap test (89%), while Michigan ranked 13th.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

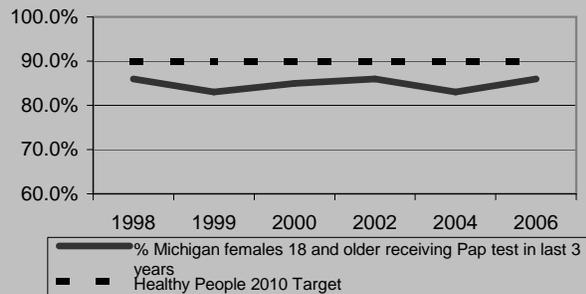


Increase % of those in Michigan, age 18 and older, who receive a Pap Test by 4%

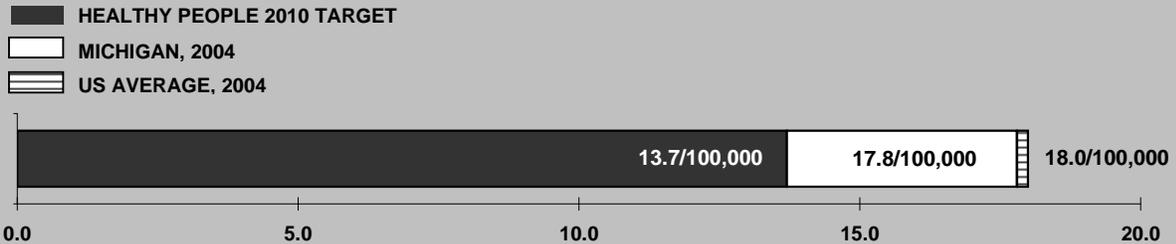
STATE RANKINGS

- Maine and Delaware* ranked 1st in 2006 for having the highest rate of women receive a Pap test (89%)
- Michigan* ranked 13th in 2006 for having the highest rate of women receive a Pap test (86%)

MICHIGAN TRENDLINE



REDUCE THE COLORECTAL CANCER DEATH RATE*



This graphic represents the colorectal cancer death rate in Michigan in 2004. The Healthy People 2010 target is 13.7/100,000. In 2004, Michigan's colorectal cancer death rate was 17.8/100,000. A comparison of the 50 states, using 2004 data from the U.S. Centers for Disease Control and Prevention's National Vital Statistics System, found that Utah had the lowest colorectal cancer death rate of 12.4/100,000, while Michigan ranked 24th.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

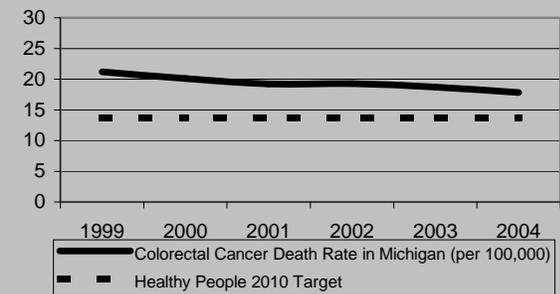


Reduce colorectal cancer death rate by 4.1/100,000

STATE RANKINGS

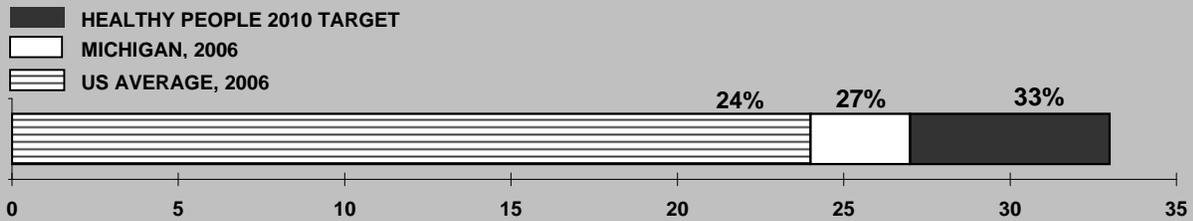
- Utah* ranked 1st in 2004 for having the lowest colorectal cancer death rate (12.4/100,000)
- Michigan* ranked 24th in 2004 for having the lowest colorectal cancer death rate (17.8/100,000)

MICHIGAN TRENDLINE



* Age-adjusted per 100,000 standard population.

INCREASE THE PROPORTION OF ADULTS RECEIVING COLORECTAL CANCER SCREENING



This graphic represents the percentage of Michigan's adults, age 50 and older, who have received a fecal occult blood test (FOBT) in the past two years. The Healthy People 2010 target is to have 33% of adults, age 50 and older receiving a FOBT in the past two years. In 2006, 27% of Michigan's adults, age 50 and older, received a FOBT in the past two years. A comparison of the 50 states, using 2006 data from the U.S. Centers for Disease Control and Prevention's Behavioral Risk Factor Surveillance System, found that Maine had the highest percentage of adults, age 50 and older, receiving a FOBT in the past two years (33%), while Michigan ranked 14th.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

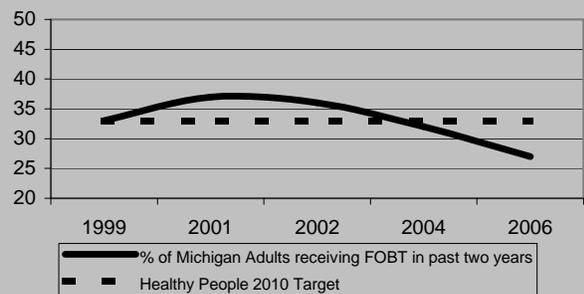


Increase % of adults in Michigan, age 50 and older, receiving a FOBT by 6%

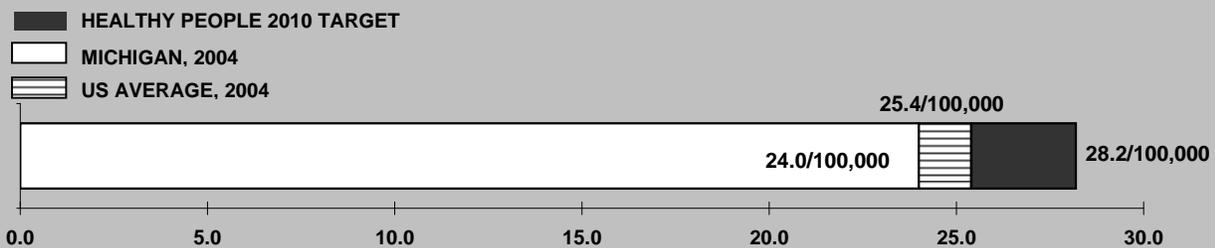
STATE RANKINGS

- Maine ranked 1st in 2006 for having the highest rate of adults receive FOBT (33%)
- Michigan ranked 14th in 2006 for having the highest rate of adults receive FOBT (27%)

MICHIGAN TRENDLINE



REDUCE THE PROSTATE CANCER DEATH RATE*



This graphic represents the prostate cancer death rate in Michigan in 2004. The Healthy People 2010 target is 28.2/100,000. In 2004, Michigan's prostate cancer death rate was 24.0/100,000. A comparison of the 50 states, using 2004 data from the U.S. Centers for Disease Control and Prevention's National Vital Statistics System, found that Hawaii had the lowest prostate cancer death rate of 19.2/100,000, while Michigan ranked 10th.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

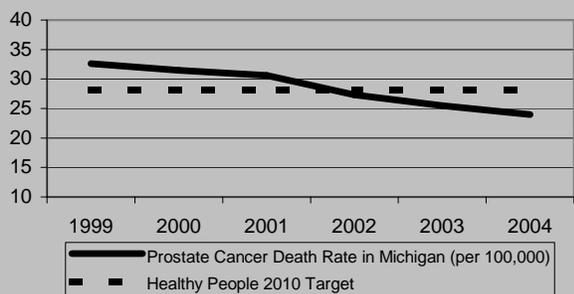


In 2004, Michigan surpassed the HP 2010 target with a prostate cancer death rate of 24.0/100,000

STATE RANKINGS

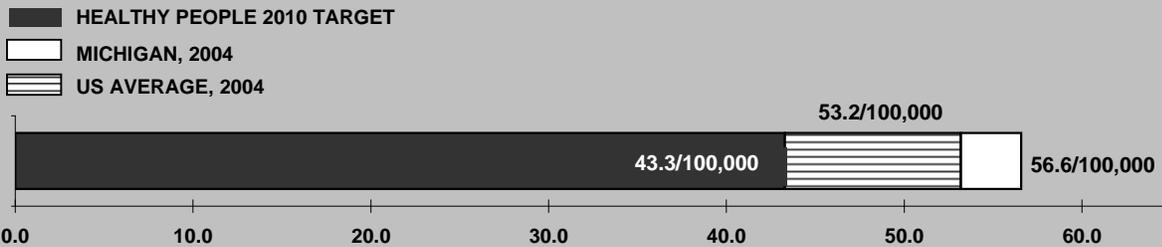
- Hawaii ranked 1st in 2004 for having the lowest prostate cancer death rate (19.2/100,000)
- Michigan ranked 10th in 2004 for having the lowest prostate cancer death rate (24.0/100,000)

MICHIGAN TRENDLINE



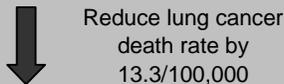
* Age-adjusted per 100,000 standard population.

REDUCE THE LUNG CANCER DEATH RATE*



This graphic represents the lung cancer death rate in Michigan in 2004. The Healthy People 2010 target is 43.3/100,000. In 2004, Michigan's lung cancer death rate was 56.6/100,000. A comparison of the 50 states, using 2004 data from the U.S. Centers for Disease Control and Prevention's National Vital Statistics System, found that Utah had the lowest overall lung cancer death rate of 26.5/100,000, while Michigan ranked 32nd.

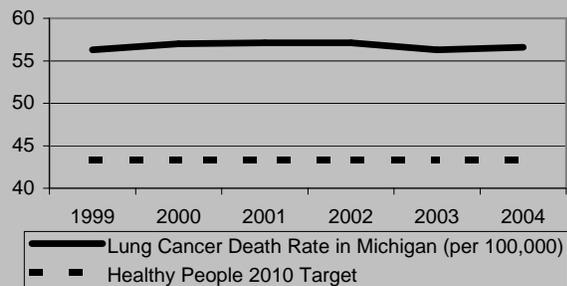
ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET



STATE RANKINGS

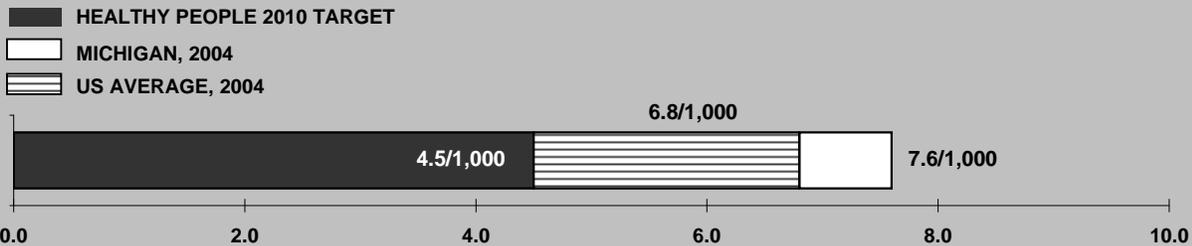
- Utah ranked 1st in 2004 for having the lowest lung cancer death rate (26.5/100,000)
- Michigan ranked 32nd in 2004 for having the lowest lung cancer death rate (56.6/100,000)

MICHIGAN TRENDLINE



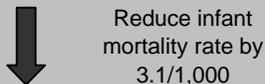
* Age-adjusted per 100,000 standard population

REDUCE INFANT MORTALITY



This graphic represents the infant mortality rate in Michigan in 2004. The Healthy People 2010 target is 4.5/1,000. In 2004, Michigan's infant mortality rate was 7.6/1,000. A comparison of the 50 states, using 2004 data from the U.S. Centers for Disease Control and Prevention's National Vital Statistics System, found that Vermont had the lowest infant mortality rate at 4.5/1,000, while Michigan ranked 35th.

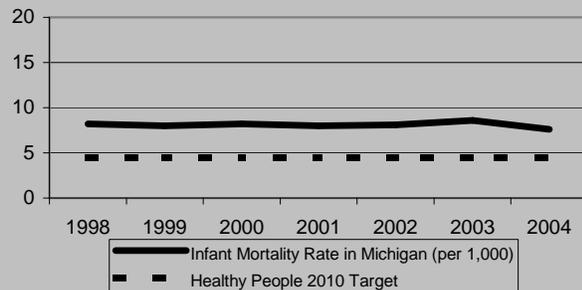
ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET



STATE RANKINGS

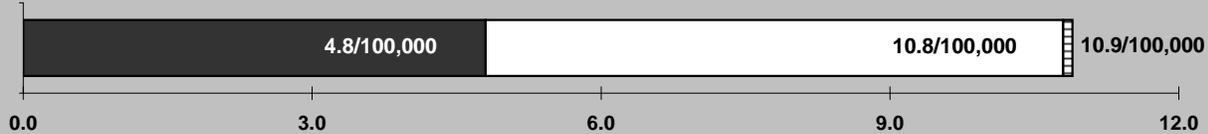
- Vermont ranked 1st in 2004 for having the lowest infant mortality rate (4.5/100,000)
- Michigan ranked 35th in 2004 for having the lowest infant mortality rate (7.6/100,000)

MICHIGAN TRENDLINE



REDUCE THE SUICIDE RATE*

- HEALTHY PEOPLE 2010 TARGET
- MICHIGAN, 2004
- US AVERAGE, 2004



This graphic represents the suicide rate in Michigan in 2004. The Healthy People 2010 target is 4.8/100,000. In 2004, Michigan's suicide rate was 10.8/100,000. A comparison of the 50 states, using 2004 data from the U.S. Centers for Disease Control and Prevention's National Vital Statistics System, found that New York had the lowest suicide rate at 6.0/100,000, while Michigan ranked 14th.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

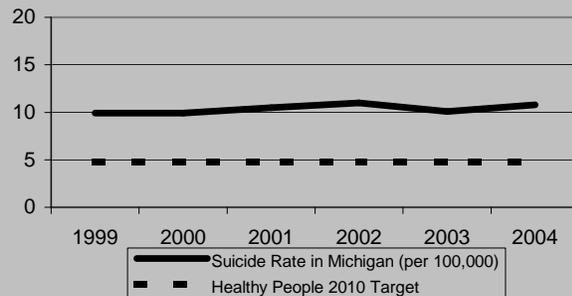


Reduce suicide rate by 6.0/100,000

STATE RANKINGS

- New York ranked 1st in 2004 for having the lowest suicide rate (6.0/100,000)
- Michigan ranked 14th in 2004 for having the lowest suicide rate (10.8/100,000)

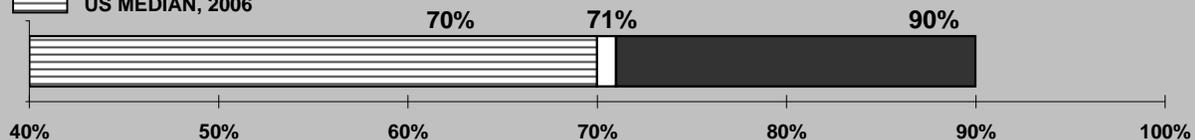
MICHIGAN TRENDLINE



* Age-adjusted per 100,000 standard population

INCREASE THE PROPORTION OF ADULTS WHO ARE VACCINATED ANNUALLY AGAINST INFLUENZA

- HEALTHY PEOPLE 2010 TARGET
- MICHIGAN, 2006
- US MEDIAN, 2006



This graphic represents the percentage of Michigan's adults, who are noninstitutionalized, age 65 and older, and received an influenza vaccine in the past year. The Healthy People 2010 target is to have 90% of adults, age 65 and older receiving an influenza vaccine within the past year. A comparison of the 50 states, using 2006 data from the U.S. Centers for Disease Control and Prevention's Behavioral Risk Factor Surveillance System, found that Colorado and Hawaii had the highest percentage of adults, age 65 and older, receiving an influenza vaccine in the past year (76%), while Michigan ranked 17th.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

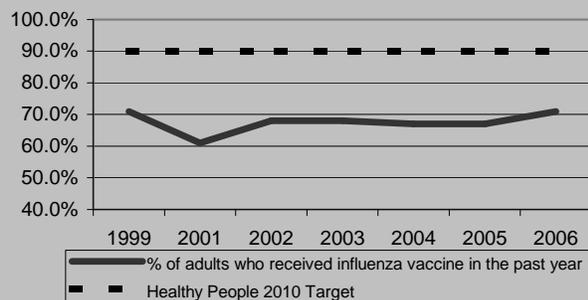


Increase % of adults in Michigan, age 65 and older, who receive an influenza vaccine by 19%

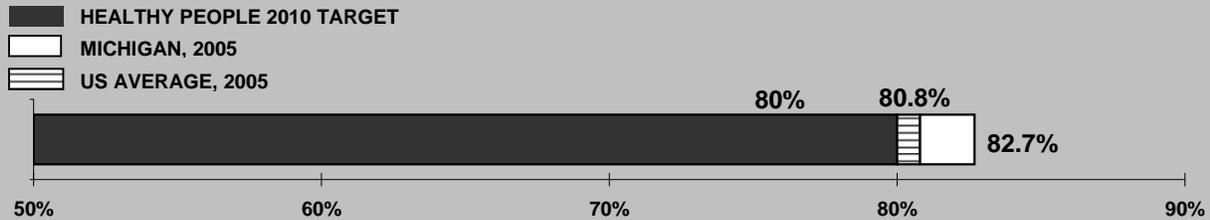
STATE RANKINGS

- Colorado and Hawaii ranked 1st in 2006 with the highest rate of adults receiving influenza vaccine (76%)
- Michigan ranked 17th in 2006 with the highest rate of adults receiving influenza vaccine (71%)

MICHIGAN TRENDLINE



INCREASE THE PROPORTION OF CHILDREN, AGE 19 MONTHS TO 35 MONTHS, WHO RECEIVE ALL RECOMMENDED VACCINES



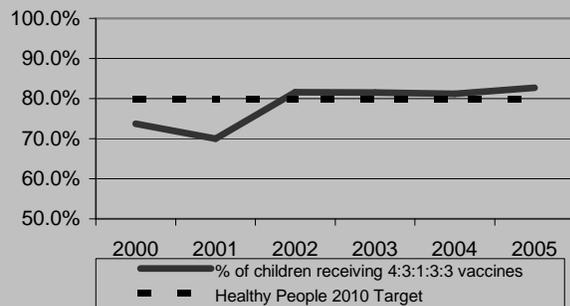
This graphic represents the percentage of Michigan's children, age 19 to 35 months, who received the recommended vaccines, 4 DTaP, 3 polio, 1 MMR, 3 Hib, and 3 hep B. The Healthy People 2010 target is to have 80% of children, 19 to 35 months, receive the 4:3:1:3:3 standard assessment. A comparison of the 50 states, using 2005 data from the National Immunization Survey, found that Massachusetts had the highest percentage of children, age 19 to 35 months, receive the recommended vaccine 4:3:1:3:3 vaccines (93.5%), while Michigan ranked 23rd.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET



In 2005, Michigan surpassed the HP 2010 target with a 4:3:1:3:3 vaccination rate of 82.7%

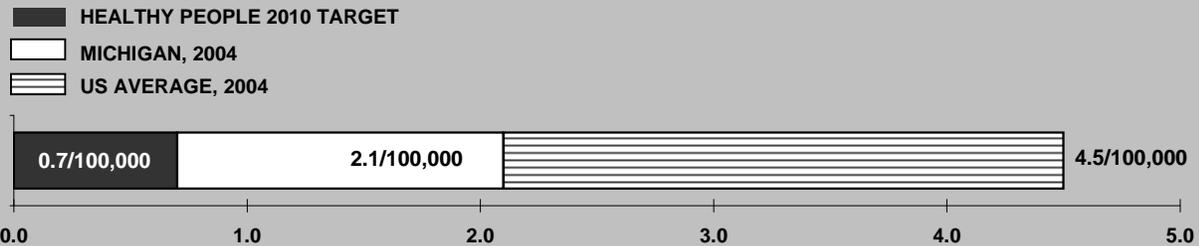
MICHIGAN TRENDLINE



STATE RANKINGS

- Massachusetts* ranked 1st in 2005 with the highest rate of children receiving 4:3:1:3:3 vaccines (93.5%).
- Michigan* ranked 23rd in 2005 with the highest rate of children receiving 4:3:1:3:3 vaccines (82.7%).

REDUCE DEATHS FROM HIV INFECTIONS*



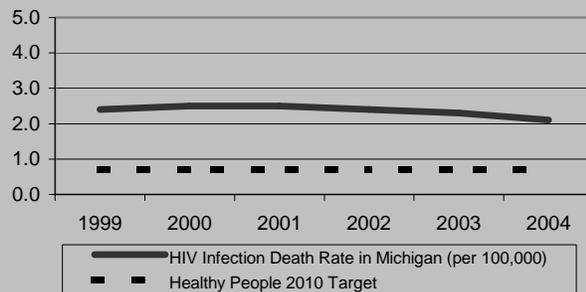
This graphic represents the death rate from HIV infection in Michigan in 2004. The Healthy People 2010 target is 0.7/100,000. In 2004, Michigan's HIV infection death rate was 2.1/100,000. A comparison of the 40 states**, using 2004 data from the U.S. Centers for Disease Control and Prevention's National Vital Statistics System, found that Wisconsin and Iowa had the lowest HIV infection death rate at 0.9/100,000, while Michigan ranked 15th.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET



Reduce HIV infection death rate by 1.4/100,000

MICHIGAN TRENDLINE

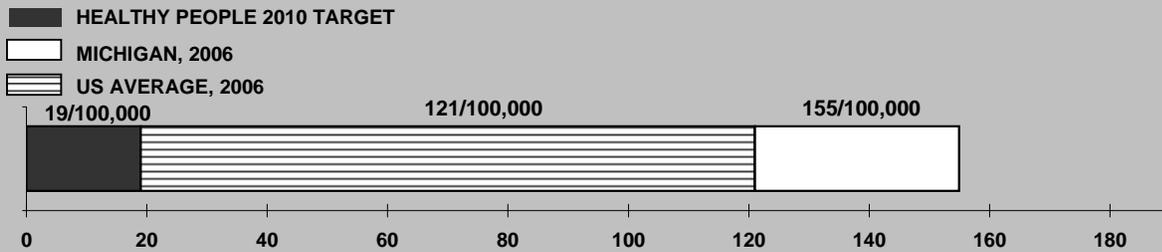


STATE RANKINGS

- Wisconsin and Iowa* ranked 1st in 2004 for having the lowest HIV infection death rate (0.9/100,000)
- Michigan* ranked 15th in 2004 for having the lowest HIV infection death rate (2.1/100,000)

* Age-adjusted per 100,000 standard population. **States not included in comparison are AK, ID, ME, MT, NE, NH, ND, SD, VT, and WY.

REDUCE GONORRHEA*



This graphic represents the rate of new gonorrhea cases in Michigan in 2006. The Healthy People 2010 target is 19/100,000. In 2006, Michigan's rate of new gonorrhea cases was 155/100,000. A comparison of the 50 states, using 2006 data from the STD Surveillance System, found that Maine had the lowest rate of new gonorrhea cases at 10/100,000, while Michigan ranked 38th.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

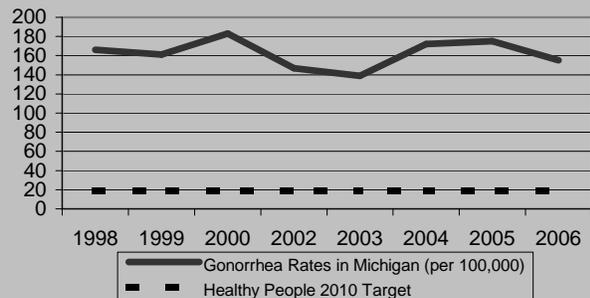


Reduce rate of new gonorrhea cases by 136/100,000

STATE RANKINGS

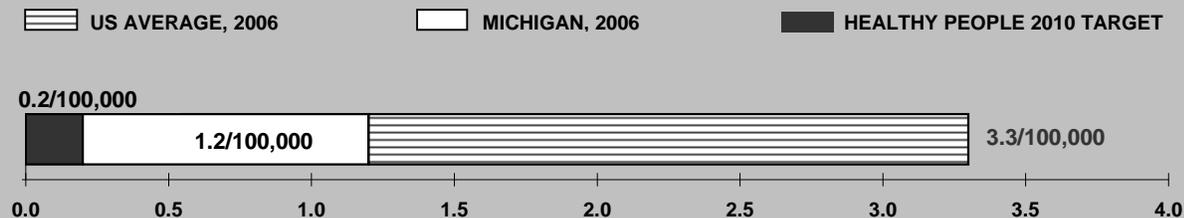
- Maine* ranked 1st in 2006 for having the lowest rate of new gonorrhea cases (10/100,000)
- Michigan* ranked 38th in 2006 for having the lowest rate of new gonorrhea cases (155/100,000)

MICHIGAN TRENDLINE



* Age-adjusted per 100,000 standard population.

ELIMINATE TRANSMISSION OF PRIMARY AND SECONDARY SYPHILIS



This graphic represents the rate of primary and secondary syphilis (P&S syphilis) in Michigan in 2006. The Healthy People 2010 target is a P&S syphilis rate of 0.2/100,000. In 2006, Michigan's P&S syphilis rate was 1.2/100,000. A comparison of 49 states*, using 2006 data from the National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention, found that Montana had the lowest P&S syphilis rate (0.1/100,000), while Michigan ranked 14th.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

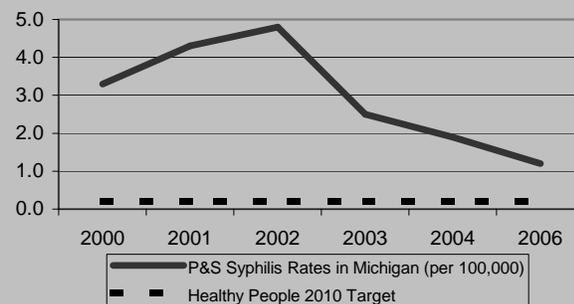


Reduce rate of primary and secondary syphilis by 1.0/100,000

STATE RANKINGS

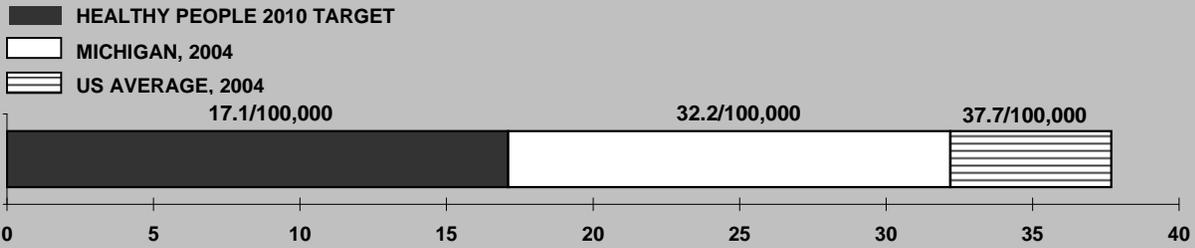
- Montana* ranked 1st in 2006 with the lowest rate of primary and secondary syphilis (0.1/100,000)
- Michigan* ranked 14th in 2006 with the lowest rate of primary and secondary syphilis (1.2/100,000)

MICHIGAN TRENDLINE



* State not included in comparison is WY.

REDUCE DEATHS CAUSED BY UNINTENTIONAL INJURIES*



This graphic represents the rate of death caused by unintentional injury in Michigan in 2004. The Healthy People 2010 target is 17.1/100,000. In 2004, Michigan's death rate from unintentional injuries was 32.2/100,000. A comparison of the 50 states, using 2004 data from the U.S. Centers for Disease Control and Prevention's National Vital Statistics System, found that Massachusetts had the lowest death rate from unintentional injuries at 19.6/100,000, while Michigan ranked 8th.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

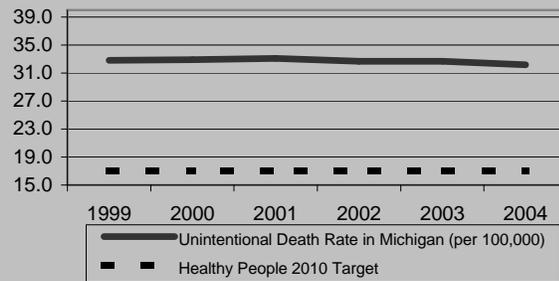


Reduce rate of unintentional deaths by 15.1/100,000

STATE RANKINGS

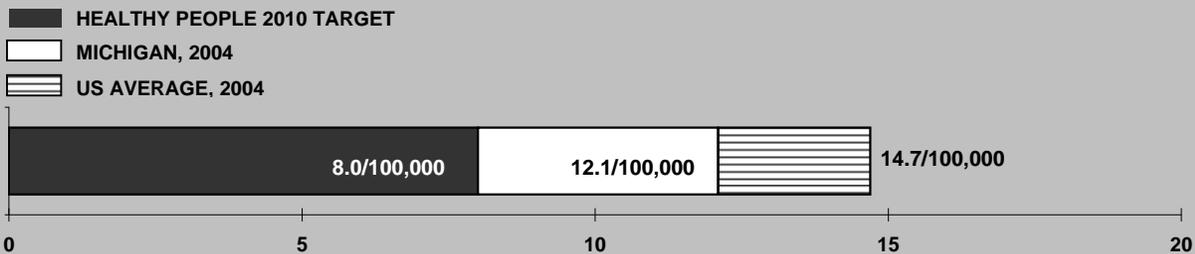
- Massachusetts* ranked 1st in 2004 for having the lowest rate of unintentional deaths (19.6/100,000)
- Michigan* ranked 8th in 2004 for having the lowest rate of unintentional deaths (32.2/100,000)

MICHIGAN TRENDLINE



* Age-adjusted per 100,000 standard population.

REDUCE DEATHS CAUSED BY MOTOR VEHICLE CRASHES*



This graphic represents the rate of death caused by motor vehicle crashes in Michigan in 2004. The Healthy People 2010 target is 8.0/100,000. In 2004, Michigan's death rate from motor vehicle crashes was 12.1/100,000. A comparison of the 50 states, using 2004 data from the U.S. Centers for Disease Control and Prevention's National Vital Statistics System, found that Massachusetts had the lowest death rate from motor vehicle crashes at 7.8/100,000, while Michigan ranked 14th.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

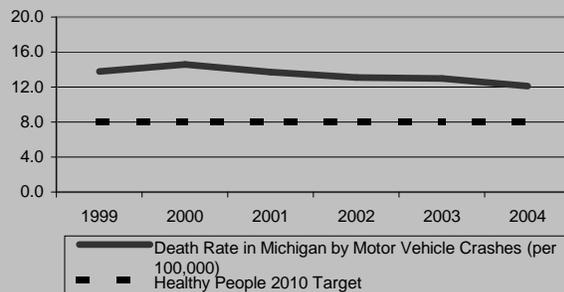


Reduce rate of motor vehicle deaths by 4.1/100,000

STATE RANKINGS

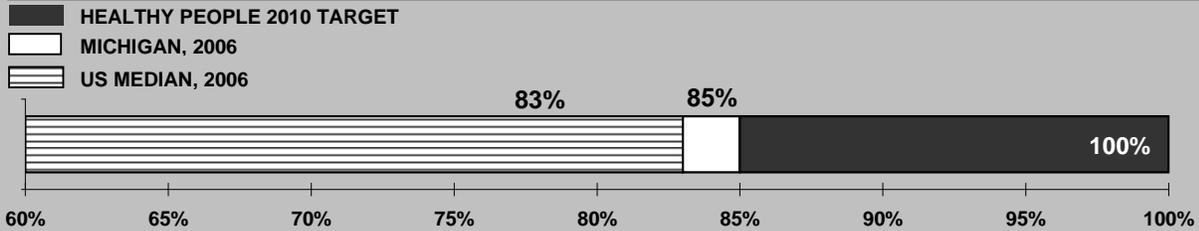
- Massachusetts* ranked 1st in 2004 for having the lowest rate of motor vehicle deaths (7.8/100,000)
- Michigan* ranked 14th in 2004 for having the lowest rate of motor vehicle deaths (12.1/100,000)

MICHIGAN TRENDLINE



* Age-adjusted per 100,000 standard population.

INCREASE THE PROPORTION OF ADULTS WITH HEALTH INSURANCE



This graphic represents the percentage of Michigan's population age 18-64, who are covered by health insurance. The Healthy People 2010 target is total coverage or 100% of the population age 18-64. In 2006, 85% of Michigan's population age 18-64 had health insurance. A comparison of the 50 states, using 2006 data from the U.S. Centers for Disease Control and Prevention's Behavioral Risk Factor Surveillance System, found that Minnesota, Massachusetts, and Hawaii had the highest rate of insured at 90%, while Michigan ranked 16th.

ACTION NEEDED TO MEET HEALTHY PEOPLE 2010 TARGET

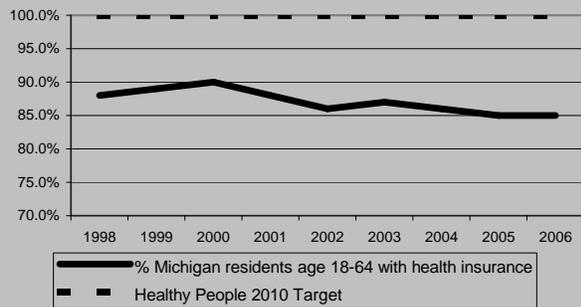


Increase % of those in Michigan, age 18-64, who have health insurance by 15%

STATE RANKINGS

- MN, MA, and HI ranked 1st in 2006 for having the highest percent of health insured (90%)
- Michigan ranked 16th in 2006 for having the highest percent of health insured (85%)

MICHIGAN TRENDLINE



** The data for this report comes from the Centers for Disease Control and Prevention's *Wonder Online Database*.

If you have questions on this report, please contact the Michigan Department of Community Health, Health Planning and Access to Care Section, at (517) 241-2966.