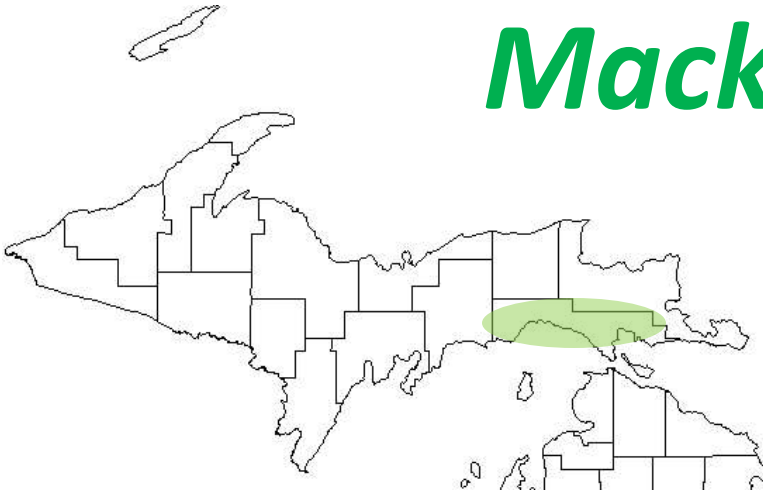


Mackinac County

2018 Upper Peninsula Community Health Needs Assessment (CHNA) County Dashboards¹

More information at
www.wupdhd.org/upchna²



Fast Facts

| Indicator | Mackinac County | Michigan |
|---|--------------------------|----------|
| Percentage Population Change Year 2000 to 2015 ³ | -7.9% (11,943 to 11,044) | -0.4% |
| Percentage Residents Age 26+ With Bachelor's Degree/Higher (2011-15) ³ | 18.3% | 26.9% |
| Percentage All Residents Living Under Poverty Line (2011-15) ³ | 15.9% | 16.7% |
| Percentage of Children Under 18 Living in Poverty (2011-15) ³ | 25.5% | 23.5% |
| Percentage of Births to Residents Paid by Medicaid (2015) ⁴ | 51.2% | 43.5% |
| Births to Residents (2016) ⁴ | 86 | 113,374 |
| Deaths of Residents (2016) ⁴ | 140 | 96,529 |
| Age-Adjusted Mortality Rate per 100,000 (2016) ⁴ | 794.1 | 788.4 |

Adult Health Survey Results⁵

In the table below are weighted estimates for selected health indicators, from randomly sampled residents of Mackinac County (definitions at wupdhd.org/upchna):

| Health Indicator | Local | State |
|--|-------|-------|
| General Health Status Only Fair or Poor | 12.2% | 18.0% |
| Unable to Access Healthcare Due to Cost | 21.3% | 12.8% |
| No Routine Checkup in Past 12 Months | 31.2% | 26.9% |
| No Dental Care Past 12 Months | 25.6% | 29.9% |
| Obese (Body Mass Index 30.0 or Greater) | 35.2% | 32.5% |
| Current Cigarette Smoker | 18.0% | 20.4% |
| Former Smoker | 41.3% | 25.8% |
| 5+ Daily Servings of Fruits and Vegetables | 11.4% | 14.4% |
| Ever Diagnosed With Diabetes | 6.2% | 11.2% |
| Ever Diagnosed With Heart Disease | 8.9% | 5.1% |
| Ever Diagnosed With Cancer | 17.6% | 12.8% |
| Ever Diagnosed With Depressive Disorder | 27.1% | 22.0% |
| Took Medication for Mood Past 12 Months | 23.3% | NA |
| Heavy Alcohol Drinker | 13.6% | 6.9% |
| Binge Alcohol Drinker | 14.5% | 19.0% |
| Used Marijuana Past 30 days | 7.0% | NA |
| Ever Used Prescription Drugs to Get High | 6.8% | 4.7% |
| Had Flu Shot in Past 12 Months, Age 65+ | 78.4% | 56.1% |
| Colorectal Cancer Screening ⁶ , Age 50+ | 75.1% | 69.7% |

Health Disparities at a Glance⁵

Health status, access and behaviors vary by income, education, and other social determinants. The table shows differences among all U.P. residents, by household income group, for selected health indicators.

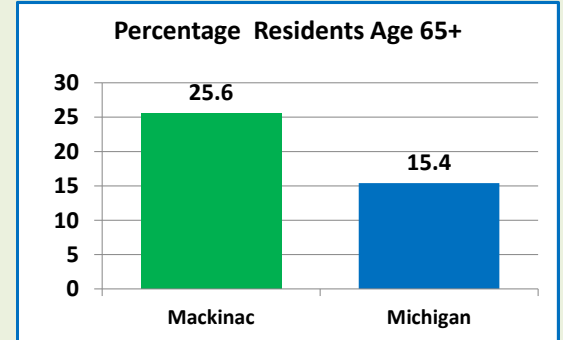
| Health Indicator By Household Income | Less Than \$25,000 | \$50,000+ |
|--------------------------------------|--------------------|-----------|
| Health Fair or Poor | 29.9% | 5.1% |
| Uninsured (18-64) | 10.6% | 4.9% |
| Unable to Access Care Due to Cost | 19.2% | 11.3% |
| No Dental in Past Year | 55.1% | 18.1% |
| Current Smoker | 31.9% | 10.5% |
| No Physical Activity | 22.7% | 10.4% |
| Diabetes Diagnosis | 15.6% | 6.5% |
| Heart Disease | 12.0% | 6.4% |
| Chronic Lung Disease | 14.0% | 3.0% |
| Current Asthma | 14.1% | 10.5% |
| Limited By Arthritis | 44.4% | 21.4% |
| Depressive Disorder | 37.6% | 19.7% |
| Marijuana Past Month | 15.2% | 4.5% |
| Prescription Abuse | 4.4% | 2.3% |
| Drove After Drinking | 10.0% | 5.5% |

Community Issues and Priorities⁷

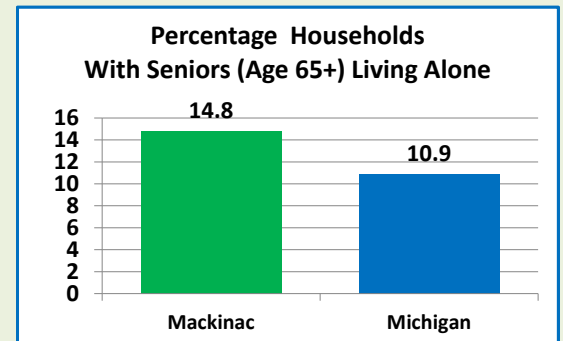
The table below lists the community health issues most frequently rated as “very important” by survey respondents from Mackinac County. Respondents chose from a list of 16 possible issues presented for ranking in the 2017 Regional Adult Health Survey.

| Community Health Issue | Very Important |
|--|----------------|
| Health Insurance is expensive or has high costs for co-pays and deductibles | 74.2% |
| Drug abuse | 64.1% |
| Lack of health insurance | 57.0% |
| Unemployment, wages and economic conditions | 52.2% |
| Alcohol abuse | 48.5% |
| Childhood obesity and overweight | 47.2% |
| Lack of housing and programs for people with Alzheimer’s Disease and dementia | 43.8% |
| Lack of affordable healthy foods, including year-round fresh fruits and vegetables | 42.6% |
| Lack of programs and services to help seniors maintain their health and independence | 39.5% |
| Shortage of dentists, or lack of affordable dental care | 36.8% |

Senior Spotlight³



Mackinac County has nearly twice the proportion of seniors than the state and nation, approaching 26 percent. Health needs of older residents include chronic disease management, dementia care, and quality nursing home and assisted living options.



About 1-in-7 households in the county is occupied by a senior living alone. How will communities plan to meet their medical, social, housing, and transportation needs?

Data Sources/Footnotes

- (1) Data in this County Dashboard come from the 2018 Upper Peninsula Community Health Needs Assessment (CHNA), led by the region’s 6 local health departments in collaboration with 26 partners including hospitals, clinics, behavioral health agencies and other funders.
- (2) The full CHNA can be viewed and downloaded at the Western U.P. Health Department web site, at www.wuphd.org/upchna.
- (3) U.S. Census and American Community Survey counts and estimates.
- (4) Vital statistics collected by the Michigan Department of Health and Human Services.
- (5) 23,800 randomly sampled U.P. household addresses received 12-page health surveys in August 2017, 1,700 per county with Houghton and Keweenaw counties combined as one group. More than 4,800 surveys were completed, between 282 and 524 per county. Results were weighted and reported by county, age, gender, income and education. Full results are in the CHNA at www.wuphd.org/upchna.
- (6) Among adults age 50 and older, the proportion who reported having a blood stool test within the past 2 years, a sigmoidoscopy within 5 years, or a colonoscopy within 10 years.
- (7) In the same health survey discussed in footnote (5) above, respondents ranked 16 community health issues on a 4-point scale: “not an issue”, “fairly unimportant”, “fairly important” and “very important”. The percentages of county residents choosing “very important” are shown in the table above left on this page.