

Maine Shared Community Health Needs Assessment County Summary: 2015

Piscataquis County

November 2015

Qualitative Stakeholder Input

A survey of 89 health professionals and community stakeholders in Piscataquis County provided insight into the most critical health issues and determinants impacting the lives of those living in the area. According to these stakeholders, the following five health issues and health factors have the most impact on Piscataquis County resulting in poor health outcomes for residents.

Top five health issues

- Obesity
- Depression
- Drug and alcohol abuse
- Respiratory diseases
- Mental health

Top five health factors

- Poverty
- Employment
- Transportation
- Food security
- Housing stability

| Maine Shared CHNA Health Indicators | Year | Piscataquis | Trend | Maine | U.S. |
|--|------------|-------------|-------|-----------|----------|
| Demographics | | | | | |
| Total Population | 2013 | 17,124 | | 1,328,302 | 319 Mil |
| Population – % ages 0-17 | 2013 | 17.9% | | 19.7% | 23.3% |
| Population – % ages 18-64 | 2013 | 59.2% | | 62.6% | 62.6% |
| Population – % ages 65+ | 2013 | 22.9% | | 17.7% | 14.1% |
| Population – % White | 2013 | 96.8% | | 95.2% | 77.7% |
| Population – % Black or African American | 2013 | 0.5% | | 1.4% | 13.2% |
| Population – % American Indian and Alaska Native | 2013 | 0.6% | | 0.7% | 1.2% |
| Population – % Asian | 2013 | 0.8% | | 1.1% | 5.3% |
| Population – % Hispanic | 2013 | 1.1% | | 1.4% | 17.1% |
| Population – % with a disability | 2013 | NA | | 15.9% | 12.1% |
| Population density (per square mile) | 2013 | 4.4 | | 43.1 | 87.4 |
| Socioeconomic Status Measures | | | | | |
| Individuals living in poverty | 2009-2013 | 18.5% | NA | 13.6% | 15.4% |
| Children living in poverty | 2009-2013 | 28.9% | NA | 18.5% | 21.6% |
| High school graduation rate | 2013-2014 | 83.3% | NA | 86.5% | 81.0% |
| Median household income | 2009-2013 | \$36,646 | NA | \$48,453 | \$53,046 |
| Percentage of people living in rural areas | 2013 | 100.0% | NA | 66.4% | NA |
| Single-parent families | 2009-2013 | 40.8% | NA | 34.0% | 33.2% |
| Unemployment rate | 2014 | 7.5% | NA | 5.7% | 6.2% |
| 65+ living alone | 2009-2013 | 40.0% | NA | 41.2% | 37.7% |
| General Health Status | | | | | |
| Adults who rate their health fair to poor | 2011-2013 | 17.1% | | 15.6% | 16.7% |
| Adults with 14+ days lost due to poor mental health | 2011-2013 | 13.2% | | 12.4% | NA |
| Adults with 14+ days lost due to poor physical health | 2011-2013 | 13.3% | | 13.1% | NA |
| Adults with three or more chronic conditions | 2011, 2013 | 29.0% | | 27.6% | NA |
| Mortality | | | | | |
| Life expectancy (Female) | 2012 | 80.3 | NA | 81.5 | 81.2 |
| Life expectancy (Male) | 2012 | 75.5 | NA | 76.7 | 76.4 |
| Overall mortality rate per 100,000 population | 2009-2013 | 847.4 | NA | 745.8 | 731.9 |
| Access | | | | | |
| Adults with a usual primary care provider | 2011-2013 | 86.8% | | 87.7% | 76.6% |
| Individuals who are unable to obtain or delay obtaining necessary medical care due to cost | 2011-2013 | 10.9% | | 11.0% | 15.3% |
| MaineCare enrollment | 2015 | 35.8% | NA | 27.0% | 23.0% |

| Maine Shared CHNA Health Indicators | Year | Piscataquis | Trend | Maine | U.S. |
|--|------------|-------------|-------|---------|--------|
| Percent of children ages 0-19 enrolled in MaineCare | 2015 | 56.9% | NA | 41.8% | 48.0% |
| Percent uninsured | 2009-2013 | 14.4% | NA | 10.4% | 11.7% |
| Health Care Quality | | | | | |
| Ambulatory care-sensitive condition hospital admission rate per 100,000 population | 2011 | 2,095.3 | | 1,499.3 | 1457.5 |
| Ambulatory care-sensitive condition emergency department rate per 100,000 population | 2011 | 6,342.8 | NA | 4,258.8 | NA |
| Oral Health | | | | | |
| Adults with visits to a dentist in the past 12 months | 2012 | 66.5% | NA | 65.3% | 67.2% |
| MaineCare members under 18 with a visit to the dentist in the past year | 2014 | 55.5% | NA | 55.1% | NA |
| Respiratory | | | | | |
| Asthma emergency department visits per 10,000 population | 2009-2011 | 67.6 | | 67.3 | NA |
| COPD diagnosed | 2011-2013 | 9.2% | | 7.6% | 6.5% |
| COPD hospitalizations per 100,000 population | 2011 | 312.4 | – | 216.3 | NA |
| Current asthma (Adults) | 2011-2013 | 11.0% | | 11.7% | 9.0% |
| Current asthma (Youth 0-17) | 2011-2013 | 7.4%† | NA | 9.1% | NA |
| Pneumonia emergency department rate per 100,000 population | 2011 | 990.1 | | 719.9 | NA |
| Pneumonia hospitalizations per 100,000 population | 2011 | 408.5 | | 329.4 | NA |
| Cancer | | | | | |
| Mortality – all cancers per 100,000 population | 2007-2011 | 197.4 | NA | 185.5 | 168.7 |
| Incidence – all cancers per 100,000 population | 2007-2011 | 480.2 | NA | 500.1 | 453.4 |
| Bladder cancer incidence per 100,000 population | 2007-2011 | 23.2 | NA | 28.3 | 20.2 |
| Female breast cancer mortality per 100,000 population | 2007-2011 | 20.1† | NA | 20.0 | 21.5 |
| Breast cancer late-stage incidence (females only) per 100,000 population | 2007-2011 | 54.1 | NA | 41.6 | 43.7 |
| Female breast cancer incidence per 100,000 population | 2007-2011 | 139.8 | NA | 126.3 | 124.1 |
| Mammograms females age 50+ in past two years | 2012 | 84.8% | NA | 82.1% | 77.0% |
| Colorectal cancer mortality per 100,000 population | 2007-2011 | 17.7 | NA | 16.1 | 15.1 |
| Colorectal late-stage incidence per 100,000 population | 2007-2011 | 23.4 | NA | 22.7 | 22.9 |
| Colorectal cancer incidence per 100,000 population | 2007-2011 | 40.0 | NA | 43.5 | 42.0 |
| Colorectal screening | 2012 | 73.7% | NA | 72.2% | NA |
| Lung cancer mortality per 100,000 population | 2007-2011 | 51.0 | NA | 54.3 | 46.0 |
| Lung cancer incidence per 100,000 population | 2007-2011 | 81.6 | NA | 75.5 | 58.6 |
| Melanoma incidence per 100,000 population | 2007-2011 | 17.6 | NA | 22.2 | 21.3 |
| Pap smears females ages 21-65 in past three years | 2012 | 91.4% | NA | 88.0% | 78.0% |
| Prostate cancer mortality per 100,000 population | 2007-2011 | NA | NA | 22.1 | 20.8 |
| Prostate cancer incidence per 100,000 population | 2007-2011 | 87.5 | NA | 133.8 | 140.8 |
| Tobacco-related neoplasms, mortality per 100,000 population | 2007-2011 | 40.5 | NA | 37.4 | 34.3 |
| Tobacco-related neoplasms, incidence per 100,000 population | 2007-2011 | 86.7 | NA | 91.9 | 81.7 |
| Cardiovascular Disease | | | | | |
| Acute myocardial infarction hospitalizations per 10,000 population | 2010-2012 | 30.9 | | 23.5 | NA |
| Acute myocardial infarction mortality per 100,000 population | 2009-2013 | 50.8 | NA | 32.2 | 32.4 |
| Cholesterol checked every five years | 2011, 2013 | 80.9% | | 81.0% | 76.4% |
| Coronary heart disease mortality per 100,000 population | 2009-2013 | 110.6 | NA | 89.8 | 102.6 |
| Heart failure hospitalizations per 10,000 population | 2010-2012 | 20.8 | | 21.9 | NA |
| Hypertension prevalence | 2011, 2013 | 36.9% | | 32.8% | 31.4% |
| High cholesterol | 2011, 2013 | 39.5% | | 40.3% | 38.4% |
| Hypertension hospitalizations per 100,000 population | 2011 | 25.8 | | 28.0 | NA |

| Maine Shared CHNA Health Indicators | Year | Piscataquis | Trend | Maine | U.S. |
|--|------------|-------------|-------|-------|-------|
| Stroke hospitalizations per 10,000 population | 2010-2012 | 25.0 | | 20.8 | NA |
| Stroke mortality per 100,000 population | 2009-2013 | 44.4 | NA | 35.0 | 36.2 |
| Diabetes | | | | | |
| Diabetes prevalence (ever been told) | 2011-2013 | 12.1% | | 9.6% | 9.7% |
| Pre-diabetes prevalence | 2011-2013 | 6.8%† | NA | 6.9% | NA |
| Adults with diabetes who have eye exam annually | 2011-2013 | NA | NA | 71.2% | NA |
| Adults with diabetes who have foot exam annually | 2011-2013 | NA | NA | 83.3% | NA |
| Adults with diabetes who have had an A1C test twice per year | 2011-2013 | NA | NA | 73.2% | NA |
| Adults with diabetes who have received formal diabetes education | 2011-2013 | NA | NA | 60.0% | 55.8% |
| Diabetes emergency department visits (principal diagnosis) per 100,000 population | 2011 | 337.4 | | 235.9 | NA |
| Diabetes hospitalizations (principal diagnosis) per 10,000 population | 2010-2012 | 15.5 | | 11.7 | NA |
| Diabetes long-term complication hospitalizations | 2011 | 63.7 | | 59.1 | NA |
| Diabetes mortality (underlying cause) per 100,000 population | 2009-2013 | 22.6 | NA | 20.8 | 21.2 |
| Environmental Health | | | | | |
| Children with confirmed elevated blood lead levels (% among those screened) | 2009-2013 | 5.5% | NA | 2.5% | NA |
| Children with unconfirmed elevated blood lead levels (% among those screened) | 2009-2013 | 1.4% | NA | 4.2% | NA |
| Homes with private wells tested for arsenic | 2009, 2012 | 33.7% | NA | 43.3% | NA |
| Lead screening among children age 12-23 months | 2009-2013 | 42.3% | NA | 49.2% | NA |
| Lead screening among children age 24-35 months | 2009-2013 | 22.6% | NA | 27.6% | NA |
| Immunization | | | | | |
| Adults immunized annually for influenza | 2011-2013 | 37.6% | | 41.5% | NA |
| Adults immunized for pneumococcal pneumonia (ages 65 and older) | 2011-2013 | 76.2% | NA | 72.4% | 69.5% |
| Immunization exemptions among kindergarteners for philosophical reasons | 2015 | 4.8% | NA | 3.7% | NA |
| Two-year-olds up to date with "Series of Seven Immunizations" 4-3-1-3-3-1-4 | 2015 | NA | NA | 75.0% | NA |
| Infectious Disease | | | | | |
| Hepatitis A (acute) incidence per 100,000 population | 2014 | 0.0† | NA | 0.6 | 0.4 |
| Hepatitis B (acute) incidence per 100,000 population | 2014 | 0.0† | NA | 0.9 | 0.9 |
| Hepatitis C (acute) incidence per 100,000 population | 2014 | 0.0† | NA | 2.3 | 0.7 |
| Incidence of past or present hepatitis C virus (HCV) per 100,000 population | 2014 | 52.9† | NA | 107.1 | NA |
| Incidence of newly reported chronic hepatitis B virus (HBV) per 100,000 population | 2014 | 11.7† | NA | 8.1 | NA |
| Lyme disease incidence per 100,000 population | 2014 | 11.7† | NA | 105.3 | 10.5 |
| Pertussis incidence per 100,000 population | 2014 | 164.5 | NA | 41.9 | 10.3 |
| Tuberculosis incidence per 100,000 population | 2014 | 0.0† | NA | 1.1 | 3.0 |
| STD/HIV | | | | | |
| AIDS incidence per 100,000 population | 2014 | 0.0† | NA | 2.1 | 8.4 |
| Chlamydia incidence per 100,000 population | 2014 | 211.4 | NA | 265.5 | 452.2 |
| Gonorrhea incidence per 100,000 population | 2014 | 0.0† | NA | 17.8 | 109.8 |
| HIV incidence per 100,000 population | 2014 | 0.0† | NA | 4.4 | 11.2 |
| HIV/AIDS hospitalization rate per 100,000 population | 2011 | 30.2 | | 21.4 | NA |
| Syphilis incidence per 100,000 population | 2014 | 0.0† | NA | 1.6 | 19.9 |
| Intentional Injury | | | | | |
| Domestic assaults reports to police per 100,000 population | 2013 | 326.0 | NA | 413.0 | NA |
| Firearm deaths per 100,000 population | 2009-2013 | 18.4† | NA | 9.2 | 10.4 |

| Maine Shared CHNA Health Indicators | Year | Piscataquis | Trend | Maine | U.S. |
|---|------------|-------------|-------|---------|-------|
| Intentional self-injury (Youth) | 2013 | NA | NA | 17.9% | NA |
| Lifetime rape/non-consensual sex (among females) | 2013 | NA | NA | 11.3% | NA |
| Nonfatal child maltreatment per 1,000 population | 2013 | NA | NA | 14.6 | 9.1 |
| Reported rape per 100,000 population | 2013 | 0.0† | NA | 27.0 | 25.2 |
| Suicide deaths per 100,000 population | 2009-2013 | 21.8† | NA | 15.2 | 12.6 |
| Violence by current or former intimate partners in past 12 months (among females) | 2013 | NA | NA | 0.8% | NA |
| Violent crime rate per 100,000 population | 2013 | 209.6 | NA | 125.0 | 368 |
| Unintentional Injury | | | | | |
| Always wear seatbelt (Adults) | 2013 | 79.3% | | 85.2% | NA |
| Always wear seatbelt (High School Students) | 2013 | 49.6% | – | 61.6% | 54.7% |
| Traumatic brain injury related emergency department visits (all intents) per 10,000 population | 2011 | 76.9 | NA | 81.4 | NA |
| Unintentional and undetermined intent poisoning deaths per 100,000 population | 2009-2013 | 11.1† | NA | 11.1 | 13.2 |
| Unintentional fall related deaths per 100,000 population | 2009-2013 | 7.3† | NA | 6.8 | 8.5 |
| Unintentional fall related injury emergency department visits per 10,000 population | 2011 | 392.3 | NA | 361.3 | NA |
| Unintentional motor vehicle traffic crash related deaths per 100,000 population | 2009-2013 | 8.2† | NA | 10.8 | 10.5 |
| Occupational Health | | | | | |
| Deaths from work-related injuries (number) | 2013 | NA | NA | 19 | 4,585 |
| Nonfatal occupational injuries (number) | 2013 | 90 | NA | 13,205 | NA |
| Mental Health | | | | | |
| Adults who have ever had anxiety | 2011-2013 | 19.7% | NA | 19.4% | NA |
| Adults who have ever had depression | 2011-2013 | 21.8% | | 23.5% | 18.7% |
| Adults with current symptoms of depression | 2011-2013 | 11.2% | | 10.0% | NA |
| Adults currently receiving outpatient mental health treatment | 2011-2013 | 17.5% | | 17.7% | NA |
| Co-morbidity for persons with mental illness | 2011, 2013 | NA | NA | 35.2% | NA |
| Mental health emergency department rates per 100,000 population | 2011 | 2,238.8 | | 1,972.1 | NA |
| Sad/hopeless for two weeks in a row (High School Students) | 2013 | 25.0% | | 24.3% | 29.9% |
| Seriously considered suicide (High School Students) | 2013 | 14.3% | – | 14.6% | 17.0% |
| Physical Activity, Nutrition and Weight | | | | | |
| Fewer than two hours combined screen time (High School Students) | 2013 | NA | NA | 33.9% | NA |
| Fruit and vegetable consumption (High School Students) | 2013 | 15.6% | NA | 16.8% | NA |
| Fruit consumption among Adults 18+ (less than one serving per day) | 2013 | NA | NA | 34.0% | 39.2% |
| Met physical activity recommendations (Adults) | 2013 | NA | NA | 53.4% | 50.8% |
| Physical activity for at least 60 minutes per day on five of the past seven days (High School Students) | 2013 | 43.3% | NA | 43.7% | 47.3% |
| Sedentary lifestyle – no leisure-time physical activity in past month (Adults) | 2011-2013 | 28.2% | | 22.4% | 25.3% |
| Soda/sports drink consumption (High School Students) | 2013 | 27.3% | NA | 26.2% | 27.0% |
| Vegetable consumption among Adults 18+ (less than one serving per day) | 2013 | 17.3%† | NA | 17.9% | 22.9% |
| Obesity (Adults) | 2013 | NA | NA | 28.9% | 29.4% |
| Obesity (High School Students) | 2013 | 14.1% | | 12.7% | 13.7% |
| Overweight (Adults) | 2013 | 30.2% | | 36.0% | 35.4% |
| Overweight (High School Students) | 2013 | 15.5% | | 16.0% | 16.6% |
| Pregnancy and Birth Outcomes | | | | | |
| Children with special health care needs | 2009-2010 | NA | NA | 23.6% | 19.8% |
| Infant deaths per 1,000 live births | 2003-2012 | 6.5 | NA | 6.0 | 6.0 |

| Maine Shared CHNA Health Indicators | Year | Piscataquis | Trend | Maine | U.S. |
|--|-----------|--------------------|-------|-------|-------|
| Live births for which the mother received early and adequate prenatal care | 2010-2012 | 80.6% | NA | 86.4% | 84.8% |
| Live births to 15-19 year olds per 1,000 population | 2010-2012 | 24.4 | NA | 20.5 | 26.5 |
| Low birth weight (<2500 grams) | 2010-2012 | 4.7% | NA | 6.6% | 8.0% |
| Substance and Alcohol Abuse | | | | | |
| Alcohol-induced mortality per 100,000 population | 2009-2013 | 10.6 [†] | NA | 8.0 | 8.2 |
| Binge drinking of alcoholic beverages (High School Students) | 2013 | 12.2% | | 14.8% | 20.8% |
| Binge drinking of alcoholic beverages (Adults) | 2011-2013 | 16.0% | | 17.4% | 16.8% |
| Chronic heavy drinking (Adults) | 2011-2013 | 6.1% [†] | | 7.3% | 6.2% |
| Drug-affected baby referrals received as a percentage of all live births | 2014 | 11.9% | NA | 7.8% | NA |
| Drug-induced mortality per 100,000 population | 2009-2013 | NA | NA | 12.4 | 14.6 |
| Emergency medical service overdose response per 100,000 population | 2014 | 252.6 | NA | 391.5 | NA |
| Opiate poisoning (ED visits) per 100,000 population | 2009-2011 | 29.8 | | 25.1 | NA |
| Opiate poisoning (hospitalizations) per 100,000 population | 2009-2011 | 22.6 | | 13.2 | NA |
| Past-30-day alcohol use (High School Students) | 2013 | 27.0% | | 26.0% | 34.9% |
| Past-30-day inhalant use (High School Students) | 2013 | 3.0% | | 3.2% | NA |
| Past-30-day marijuana use (Adults) | 2011-2013 | 7.5% [†] | NA | 8.2% | NA |
| Past-30-day marijuana use (High School Students) | 2013 | 15.8% | | 21.6% | 23.4% |
| Past-30-day nonmedical use of prescription drugs (Adult) | 2011-2013 | NA | | 1.1% | NA |
| Past-30-day nonmedical use of prescription drugs (High School Students) | 2013 | 3.9% | + | 5.6% | NA |
| Prescription Monitoring Program opioid prescriptions (days supply/pop) | 2014-2015 | 8.2 | NA | 6.8 | NA |
| Substance-abuse hospital admissions per 100,000 population | 2011 | 88.6 [†] | | 328.1 | NA |
| Tobacco Use | | | | | |
| Current smoking (Adults) | 2011-2013 | 24.5% [†] | | 20.2% | 19.0% |
| Current smoking (High School Students) | 2013 | 15.1% | | 12.9% | 15.7% |
| Current tobacco use (High School Students) | 2013 | 18.2% | NA | 18.2% | 22.4% |
| Secondhand smoke exposure (Youth) | 2013 | 46.1% | | 38.3% | NA |

- Indicates county is significantly better than state average (using a 95% confidence level).
- Indicates county is significantly worse than state average (using a 95% confidence level).
- + Indicates an improvement in the indicator over time at the county level (using a 95% confidence level)
- Indicates a worsening in the indicator over time at the county level (using a 95% confidence level)
- † Results may be statistically unreliable due to small numerator, use caution when interpreting.
- NA = No data available