

Oneida Nation 2022 Community Health Assessment

Oneida Community Health Services

Shekoli,

We are excited to present the 2022 Oneida Community Health Assessment. This comprehensive health assessment was created with data collected through health surveys and community focus groups to best understand the health needs within the Oneida Community.

The data presented in this health assessment will help identify the areas of health that need attention and improvement over the next 5 years. The goal of this plan is to help inform decision making around the health programs and services offered in the community, leading to improvement in the overall health and wellbeing of the Oneida Community for future generations to come. We invite you to review this comprehensive health assessment and take action in improving the health of your community. We cannot be successful without your involvement.

Yaw^ko

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Partners & Acknowledgements

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- Focus Group Participants
- Oneida Community Education Center (CEC)
- Oneida Community Health Services Department
- Oneida Comprehensive Health Division Executive Management Team
- Oneida Enrollments
- Oneida Environmental Health, Safety, Land and Agriculture Division
- Oneida Food Pantry
- Oneida Language Department
- Oneida Planning and Development
- Oneida Police Department
- Oneida Nutrition Services and WIC Program
- St. Norbert Survey & Research Center

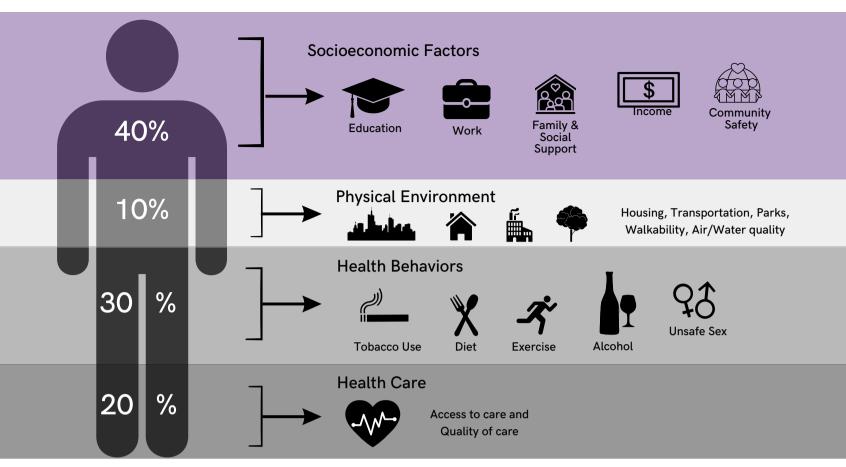
Purpose of assessment:

The purpose of this assessment is to collect updated health data/information in the Oneida Community and help us identify health needs to address in our next Community Health Improvement Plan. The information in this health assessment will also help steer the work of internal planning of services, programs and resources.



What Determines Health?

We all know that behaviors such as eating well, staying active and not smoking impact our health. But did you know that these behaviors only make up for about 30% of our overall health? Health is impacted by so much more than just our daily behaviors and choices. That is why this assessment used the Social Determinants of Health as a guiding framework during survey design and data collection. The Social Determinants of Health are non-medical factors that influence health outcomes and make up 70% of our overall health! Factors such as education, income, community safety, air quality, and housing play a large role in our health. Often, these factors are intertwined with each other; for example, poor health can impact employment opportunities, which can in turn constrain income. Low income can then reduce access to healthcare or additional resources.



Adaptation of County Health Rankings Model, 2014

As a health department, it is not enough to only work towards changing health behaviors, because we know there is a bigger picture. It is important we work to address these larger factors that contribute to health to give everyone the opportunity to live a healthy life.



"Social determinants of health (SDOH) are the conditions in the environments where people are born, live, learn, work, play, worship, and age that affect a wide range of health, functioning, and quality-of-life outcomes and risks."

Healthy People 2030

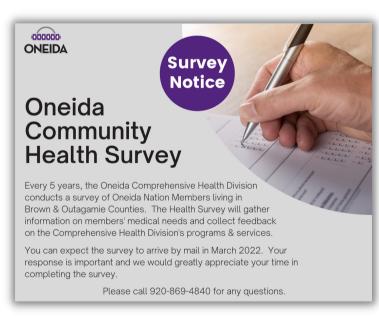
Photo: Inside of Longhouse

Data Collection - Health Survey

The Oneida Community Health Department collected their own primary, quantitative data through a community health assessment survey. The survey questions were reviewed by representatives from Oneida Community and Environmental Health, Governmental services, and members from the Oneida Comprehensive Health Division Executive Management Team. In spring of 2022, 2,800+health surveys were sent out to Oneida Tribal member households, living in Brown & Outagamie Counties. The survey was also available online through the "Members Only" portal on the Oneida Nation website for participants to fill out and submit virtually.

The survey asked questions related to the participant's health status and health behaviors. The Oneida Community Health Department

contracted with the St. Norbert's Research and Survey Center to assist in the collection of physical surveys and data entry.
St. Norbert's Survey Center received 484 responses to the health survey and worked to compile all the data.



2022 Oneida Community Health Survey Promotional Material

Once finalized, the data obtained from the survey results was reviewed and analyzed by Oneida Community Health. Changes and improvements were tracked by comparing current survey data and data from surveys in 2017, 2012 & 2006.

Data Collection - Focus Groups

In August 2022, Oneida Community Health Services held 3 separate focus group sessions at the Community Education Center (CEC). Each focus group was comprised of 2-7 Oneida Community Member participants, 2 group facilitators, and 2 notetakers. The focus group facilitators asked participants a series of open-ended questions related to health in their community. The conversations were recorded with the participant's consent and CHS staff were able to transcribe each session and analyze the information provided by each participant for common themes and trends.



2022 Oneida Community Focus Groups Promotional Material

The compiled responses from the 3 focus group sessions serve as the primary qualitative data for this health assessment. This data is summarized in the following pages and is taken into consideration when determining priority health issues in the community.

Focus Group Results

The following summarizes the qualitative data collected through the three focus group sessions:

What 3 health problems need the most attention in your community?







Alcohol & Drug Use



Family & Social Support

What do you think prevents your community from being healthy?

- Generational trauma
- Complex regulations
- Ideologies that divide us
- Unhealthy habits
- Disconnection as a result from COVID-19

"Family, trust, opportunity, and a strong understanding of our roles and responsibilities as community members helps create an overall healthy community"

-Focus Group Participant

Focus Group Results

What does a healthy community look like to you?

Practicing Tsi² Niyukwalihó·tʌ – Our Ways Access and opportunity to be active Healing generational traumas Access to affordable and safe housing Strength in community Traditional Healing Food sovereignty Clean environment





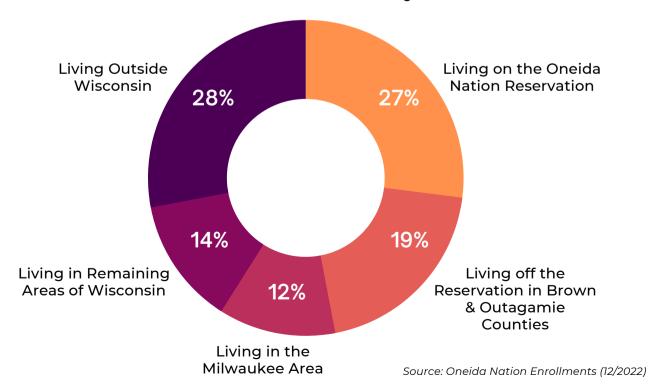
Photo: Oneida Nation Longhouse

Oneida Nation Community Profile

The Oneida Nation Reservation is located within the boundaries of Brown and Outagamie Counties in Northeast Wisconsin. It covers 65,400 acres, with approximately 27,589 being tribally owned. The Nation has approximately 17,272 citizens, with about 7,881 enrolled members living within Brown & Outagamie Counties.

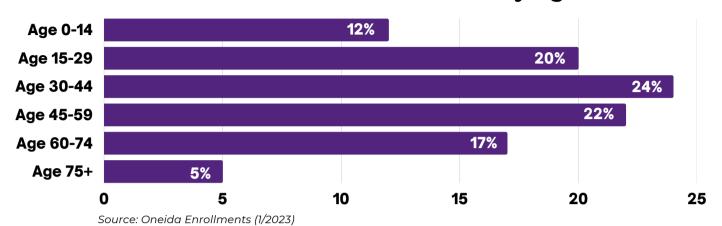
Source: Oneida Nation Community Development & Planning

Oneida Enrolled Members by Location

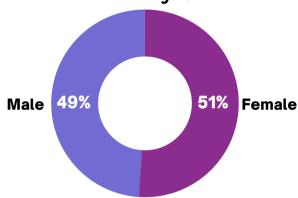


Oneida Nation Community Profile

Oneida Enrolled Members by Age

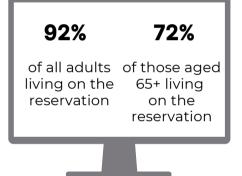


Oneida Enrolled Members by Gender



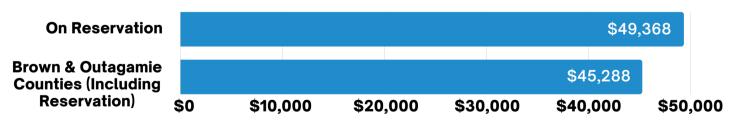
Source: Oneida Enrollments (12/2022)

Access to Computer & Internet Access



Source: 2022 Quality of Life Survey

Median Household Income



Source: 2022 Quality of Life Survey

Home Ownership

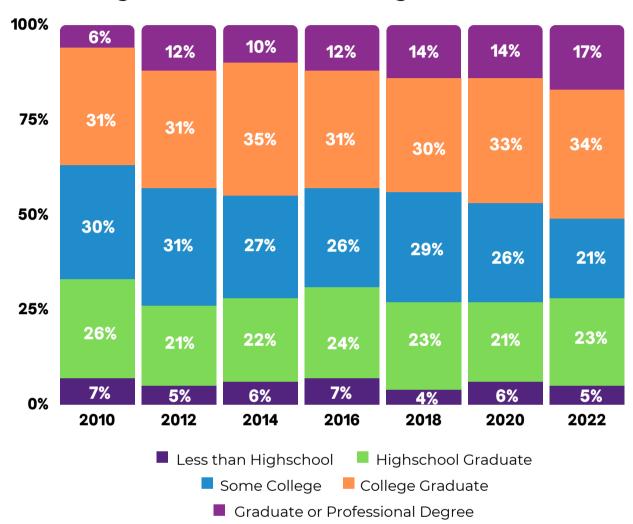
Own a home on the Reservation 63%

Own a home in Brown & Outagamie Counties (Including Reservation)

Source: 2022 Quality of Life Survey

Oneida Nation Community Profile

Educational Attainment of Enrolled Oneidas Aged 25+ in Brown & Outagamie Counties



Unemployment

6% Unemployment on the reservation

Unemployment in Brown & Outagamie Counties (Including Reservation)

7%

Poverty/Economic Stress



18% Below poverty in Brown & Outagamie Counties (Including Reservation)

Source: 2022 Quality of Life Survey



Photo: Oneida Nation 2016 Powwow

Cultural Wellness

Connectedness to the Oneida Culture

When asked if they feel connected to the Oneida

Culture, 68% of respondents agree.

Overall Results

Strongly Agree 14%

Somewhat Agree 48%

Somewhat Disagree 22%

Strongly Disagree 7%

N/A 6%

No Response 4%

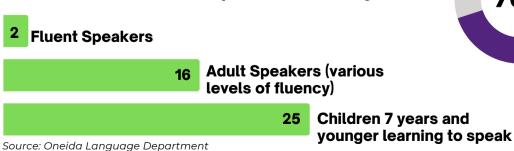
Enrolled Oneidas living
on the Oneida
Reservation feel more
connected to the Oneida
Culture than those who
live off the reservation in
Brown & Outagamie
Counties.

Source: 2022 Quality of Life Survey

Source: 2022 Quality of Life Survey

In 1996, the Oneida Language Revitalization Program was created to help preserve the Oneida Language and carry it to the present and future generations.

Number of Oneida Speakers Today



Tsi⁷ Niyukwalihó•t∧ An Oneida word meaning "Our Ways"



Source: 2022 Quality of Life Survey

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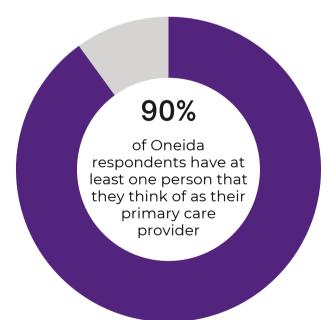


Photo: Oneida Community Health Center

Health Care Access

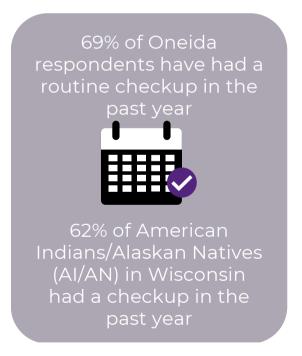
Access to affordable, quality health care is important for someone's physical, social, and mental health.
Having access to care allows individuals to find necessary services and get their health needs met.

Source: County Health Rankings



79%

of Oneida respondents use the Oneida Community Health Center for Primary Health Care



- 5% of Oneida respondents were unable to see a doctor due to cost in the past 12 months
- 8% of all Wisconsin residents delayed care due to cost
- 8% of AI/AN in Wisconsin delayed care due to cost

Health Care Access

26%

of Oneida respondents had to delay medical care, because they were unable to get an appointment soon enough



Health Insurance



About 1 in 10 people in the United States don't have health insurance. Without health insurance, people may not be able to afford their necessary health care services or medications.

Strategies aimed at increasing health insurance coverage are important to ensure more people get essential health care

Source: Healthy People 2020

80%

of Oneida respondents reported having health insurance coverage 92%

of all Wisconsin residents had health insurance coverage in 2020 76%

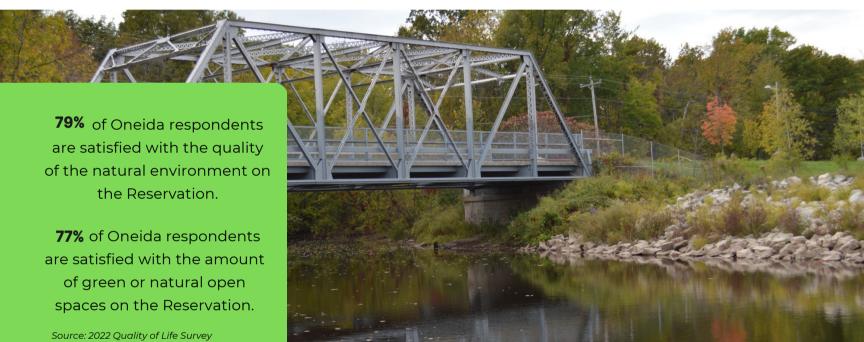
of AI/AN in Wisconsin have health insurance coverage in 2020

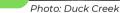
Source: 2022 Health Survey CDC BRFSS

Physical Environment

The physical environment of a community can play a big role in overall health. It is having clean air to breath, fresh water to drink, and safe homes to live in. A community is where individuals live, learn, work and play. Research shows that communities with smoke-free air policies, access to healthy foods, quality affordable housing, and safe places to play are healthier than those that don't.

Source: Robert Wood Johnson Foundation











There are approximately **9.5** miles of walking trails throughout the Oneida Nation Reservation

Source: Oneida Environmental Health, Safety, Land and Agriculture (EHSLA) Division

Physical Environment

65,400 total Acres of Tribal Lands

7.015.6 total Acres of Wetlands

Total Suspended Solids (TSS)

particles. Suspended solids are

water but can be increased by

environment. In higher levels,

suspended solids can clog fish gills, increase stress levels, and

often natural in any body of

human impacts to the

can be made up of sand, sediment, and plant/animal

248.75 total Acres of Lakes & Ponds

294.95 total Miles of Rivers & Streams

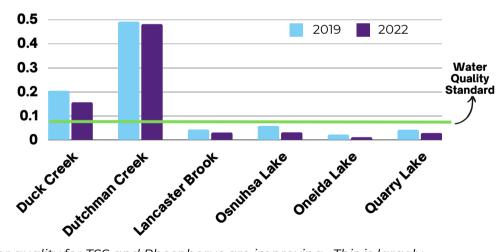


Photo: Trout Creek

Total Suspended Solids (mg/L) in **Oneida Nation Streams & Lakes**

25 2019 20 15 10 Quality 5 Standard

Total Phosphorus (mg/L) in **Oneida Nation Streams & Lakes**



The trends show water quality for TSS and Phosphorus are improving. This is largely due to the implementation of innovative plans to agricultural lands and restoration projects on the Oneida Reservation.



Phosphorus is a chemical that can enter waterways by urban and agricultural practices and is listed as a drinking water pollutant. Too much phosphorus in the water can lead to algae blooms which can have a negative impact on fish and other aquatic life's food sources and populations.

311,089 fish stocked in

Oneida Waters in 2021



Environment & Safety

Lead is a naturally occurring metal that was previously used in house paint until the 1970s. Lead poisoning is caused by swallowing or breathing lead dust and fumes.

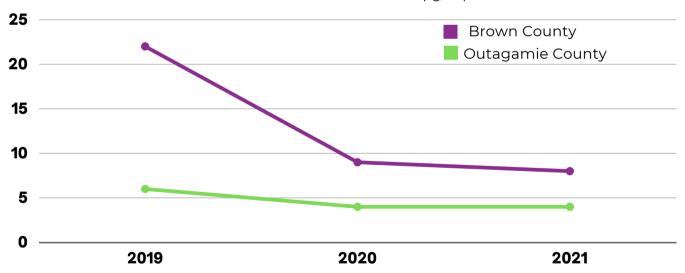


Lead can cause permanent brain & nerve damage, kidney failure, reproductive problems, and other health issues.

Source: Wisconsin Department of Health Services

Adult Lead Poisoning

*Blood Lead Level of at least 5 µg/dL)



Source: Environmental Public Health Data Tracker

Lead poisoning is defined as an adult with a venous blood lead level (BLL) greater than or equal to 5 micrograms per deciliter (µg/dL); however, no level of lead exposure is considered safe.

Source: Wisconsin Department of Health Services

Environment & Safety



89% of Oneida respondents have a smoke detector in their homes.

68% of Oneida respondents have a carbon monoxide detector in their homes.

15% of Oneida respondents have mold in their homes.

Source: 2022 Health Survey

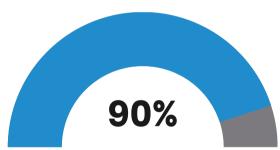
Radon is found in outdoor and indoor air of buildings of all kinds. Although there is no safe level of exposure to radon, action should be taken if radon levels in your home are between 2-4 pCi/L (picocuries per liter of air).

Radon is the number one cause of lung cancer among nonsmokers.

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Source: Unites States Environmental Protection Agency (EPA)

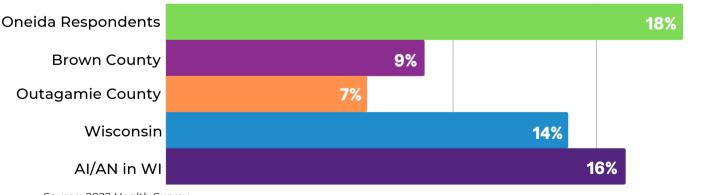
Radon Levels



of homes tested came back with samples below the EPA's action level

Source: Oneida EHSLA Division

Asthma Rates



Source: 2022 Health Survey CDC BRFSS

Safety & Injury Prevention

Firearms in Households

In the United States, firearms are the leading cause of death in children and young adults aged 0-24 years. Increased access to firearms is associated with increased rates of firearm deaths. Barriers to firearm access can decrease the risk to youth for firearm suicide, homicide, unintentional injury and death.

Source: American Academy of Pediatrics (AAP)

Seat Belt Use

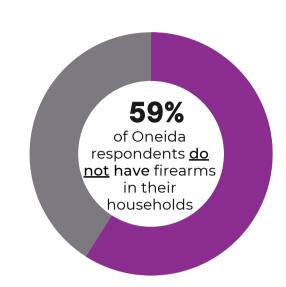


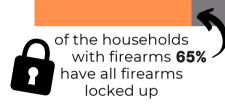
94% of Oneida respondents always or nearly always wear their seat belts in the car

Source: 2022 Health Survey

In 2021, about 88% of drivers and passengers in Wisconsin used a seat belt compared to a 90% national average.

Source: Wisconsin Department of Transportation





Source: 2022 Health Survey





Food Environment

Community food environments are measured by people's accessibility to different kinds of food outlets or the number of different types of food outlets within a specific geographic area. Food environments can affect which foods people purchase and eat, impacting the overall quality of their diet and risk of related chronic diseases.

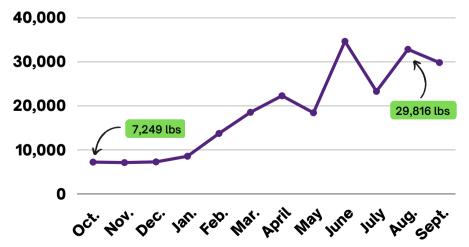
Source: National Collaborating Centre for Environmental Health

Number of Food Outlets by Type



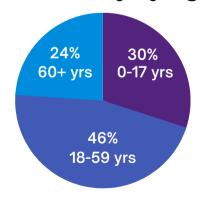
Pounds of Food Provided by Oneida Food Pantry

The data below shows pounds of food picked up by community members every month from the Oneida Emergency Food Pantry from October 2021 - September 2022



Source: Oneida Emergency Food Pantry

Community Members utilizing the Oneida Food Pantry by Age



The Oneida Food Pantry has provided food to **604** separate households and **1,560** community members from October 2021 - September 2022

Food Environment

Oneida Nation's Community Integrated Food System includes nutrition education, Food Distribution, the Oneida Farmer's Market, youth programming, gardening, agriculture through the Oneida Orchard and Farm, and processing in the Oneida Cannery.







Photo: Oneida Nation Apple Orchard

The Oneida Nation Farm has:

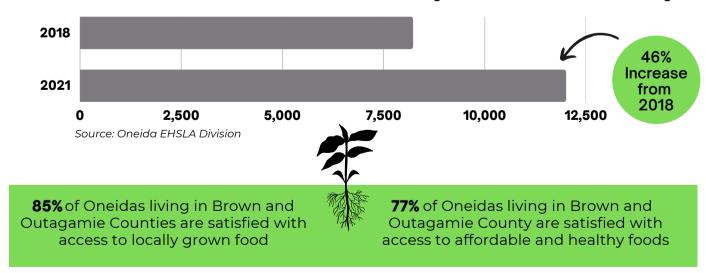
160 total bison and processes approximately **48** animals per year

450 total beef cattle and processes approximately **160** animals per year

Source: Oneida EHSLA Division

On average, 48% of the processed beef, and 25% of the processed bison are provided to the community through Oneida Nation School System, Food Pantry, Nursing Home, Food Distribution, and several retail locations.

Amount of White Corn Processed by the Oneida Cannery



Source: 2022 Quality of Life Survey

Health Behaviors - Overall Health

32%

of Oneida respondents rated their health as Excellent or Very Good Percent of people who rated their health as Excellent or Very Good in 2020

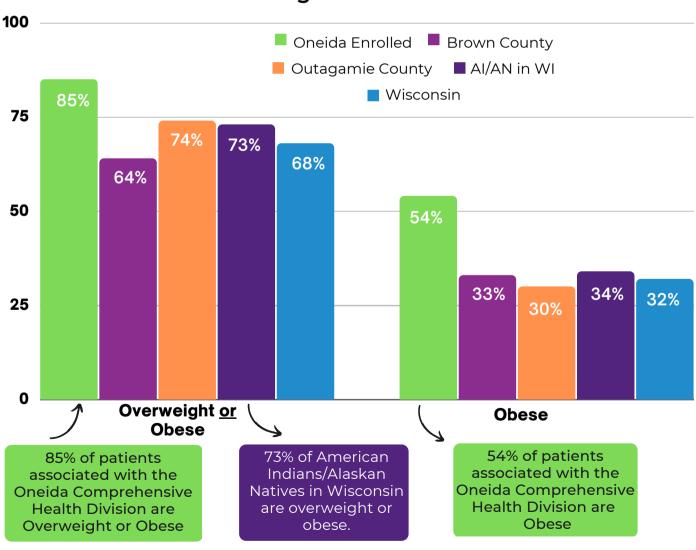
58%

Brown County Residents 52%

Outagamie County Residents 57%

Wisconsin Residents

Overweight and Obese

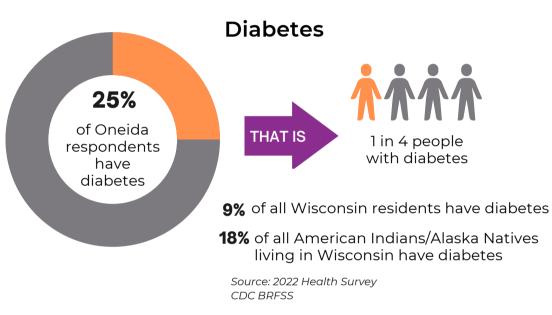


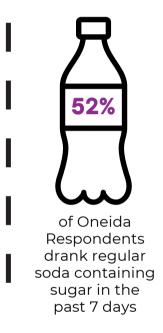
Health Behaviors - Nutrition

Good nutrition is essential in staying healthy. People with healthy eating patterns and good nutrition live longer and lower their risk for serious health problems like heart disease, type 2 diabetes, and obesity.

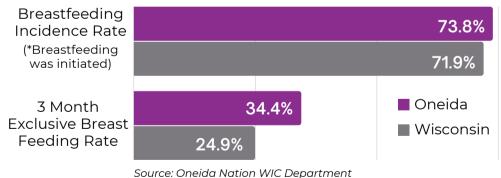
For people with chronic disease(s), healthy eating and good nutrition can help manage these conditions and prevent complications.

Source: Centers for Disease Control & Prevention





Breastfeeding



The American Academy of Pediatrics (AAP) recommends exclusive breast feeding for the first 6 months

Source: Oneida Nation WIC Department

Breastfeeding has many health benefits for both babies and mothers. It provides a baby with ideal nutrition and supports growth and development while also helping to protect baby and mom against certain illnesses and diseases

Source: Centers for Disease Control & Prevention

Health Behaviors - Physical Activity



It is recommended that adults get 30 minutes of moderate-intensity physical activity 5 days a week and two days of muscle strengthening activities.

Being physically active can help manage weight, reduce the risk of disease, strengthen bones and muscles, improve brain health, and improve your ability to do everyday activities.

Source: Centers for Disease Control & Prevention

51%

of American Indian/Alaskan Natives in WI exercised in the past month (2020 data)

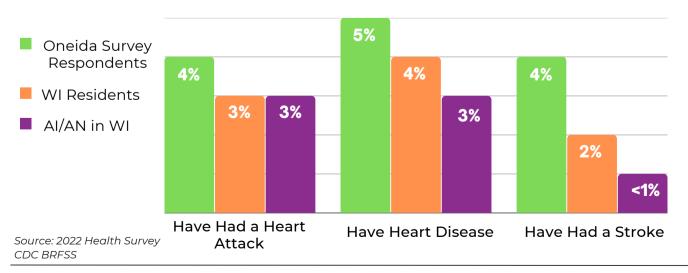
Exercise Rates

67%

of Oneida survey respondents exercised during the past month 80%

of Wisconsin residents exercised during the past month (2020 data)

Cardiovascular Disease Prevalence



Health Behaviors - Alcohol & Tobacco

Adult Smoking Rates

Oneida Respondents

Brown County

14%

Outagamie County

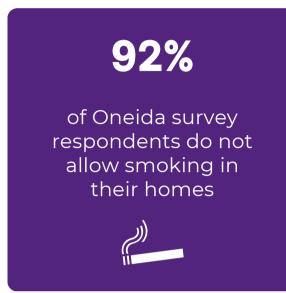
15%

Wisconsin Residents

16%

Al/AN in Wisconsin

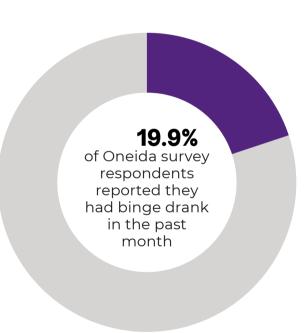
38%



Binge Drinking

Binge drinking is most common pattern of excessive alcohol use in the United States. Binge drinking is defined as consuming 5 or more drinks on one occasion for men or 4 or more drinks on an occasion for women.

Source: Centers for Disease Control & Prevention



Impaired Driving



- **8%** of Oneida survey respondents have driven after drinking too much
- 4% of WI residents have driven after drinking too much
- 8% of AI/AN in Wisconsin have driven after drinking too much

Source: 2022 Health Survey CDC BRFSS

Health Behaviors - Drug Use

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37%

of Oneida survey
respondents have used
pain medications
prescribed by a doctor in
the past year

42%

had leftover pain medication

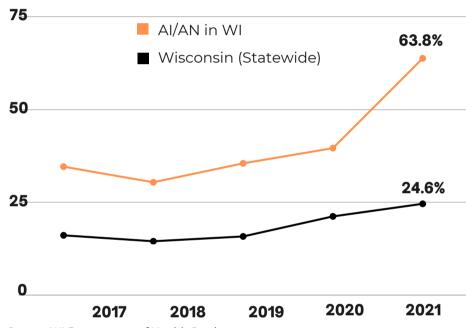


Source: 2022 Health Survey

Opioid Deaths per 100,000 people

Regular use of opioid pain relievers (even as prescribed by a doctor) can lead to dependence and, when misused, opioid pain relievers can lead to addiction, overdose incidents, and deaths.

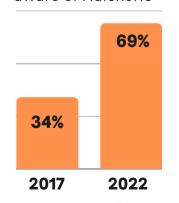
Source: National Institute on Drug Abuse



Source: WI Department of Health Services

Naloxone Awarness

Percent of Oneida respondents that are aware of Naloxone



Source: 2022 Health Survey

Naloxone is a medicine that rapidly reverses an opioid overdose. It can be administered as a nasal spray (often referred to as NARCAN®) or as an injection.

Source: National Institute on Drug Abuse

14 doses

of Naloxone administered in **2021**by Oneida Police Department

28 doses

of Naloxone administered in **2022** by Oneida Police Department

Please Note: This data reflects doses given to individuals, not the number of each individual, as one individual may have received multiple doses. This data is specific to the Oneida Police Department, and does not include all emergency calls within reservation boundaries.

Source: Oneida Police Department

Health Behaviors - Sexual Health

Although many Sexually Transmitted Infections (STIs) are preventable, the Centers for Disease Control and Prevention (CDC) estimates that approximately 20 million new infections occur in the United States each year, with half of them occurring among adolescents and young adults ages 15–24.



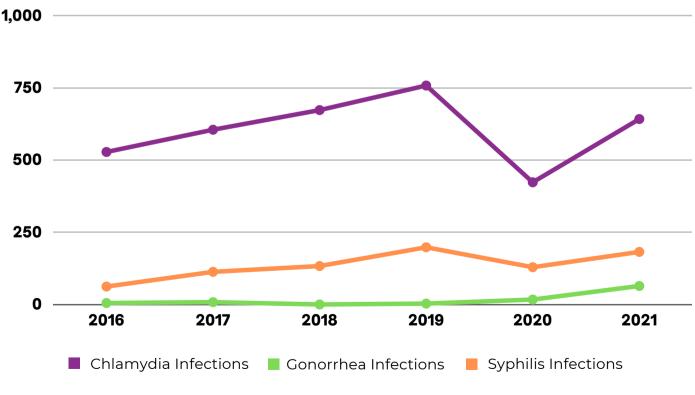
Many STIs, like chlamydia and gonorrhea, do not always show symptoms in people; however, if left untreated, STIs can lead to infertility and increase the risk of getting other STIs.

Source: Indian Health Service (IHS)

Reported syphilis cases in Wisconsin increased 100% from 2020 - 2021

Source: WI Department of Health Services

STI Rates (per 100,000 people) for Native Americans in Wisconsin

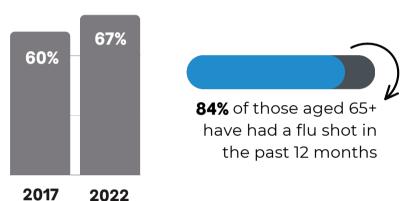


Source: Wisconsin Electronic Disease Surveillance System

Health Behaviors - Immunizations



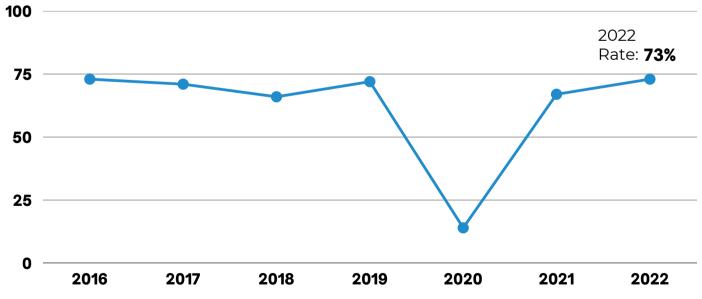
Oneida Influenza Vaccination Rates



Vaccination for children and adolescents is the best way to protect them from a variety of vaccine-preventable diseases.
Before vaccines, many children died from diseases like measles and whooping cough.
Vaccines now prevent those disease and many others and help keep children healthy.

Sources: Centers for Disease Control & Prevention Source: 2022 Health Survey

Percent of Oneida children aged 0-2 years who received all recommended vaccinations



Source: Wisconsin Immunization Registry

*Recommended vaccinations are provided by the Advisory Committee on Immunization Practices (ACIP) and approved by the Centers for Disease Control and Prevention (CDC)

Mental Health

Mental health includes our emotional, psychological, and social well-being. It affects how we think, feel, and act. Many factors contribute to mental health problems, including:

- Biological factors, such as genes or brain chemistry
- Life experiences, such as trauma or abuse
- · Family history of mental health problems

Source: Mental Health.gov

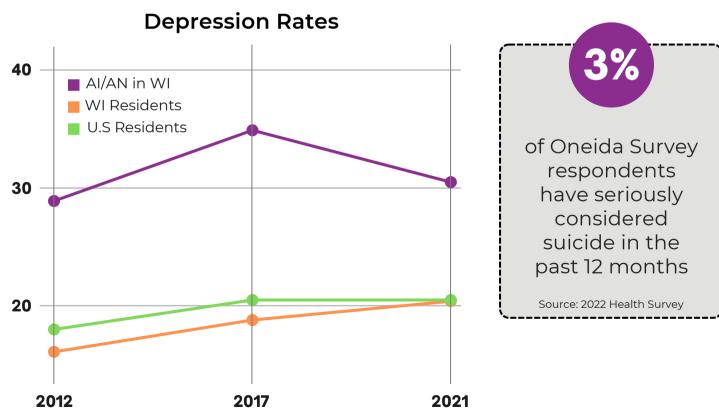


32%

of Oneida survey respondents have an <u>anxiety</u> disorder of Oneida survey respondents have an <u>depressive</u> disorder

Source: 2022 Health Survey

Source: America's Health Rankings



Oral Heath

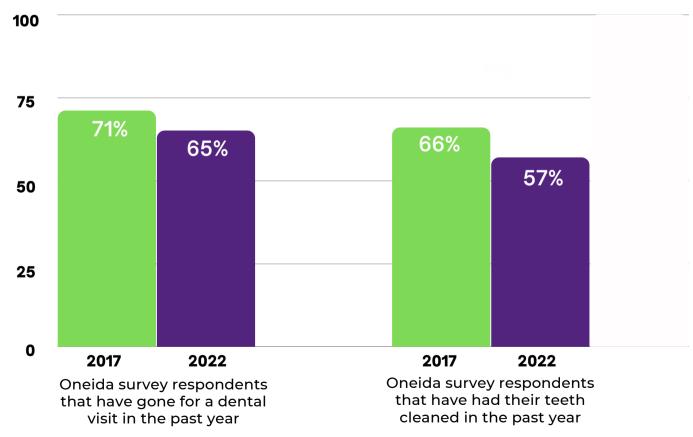
Not only does good oral health enable us to speak, smile, and eat; the health of your teeth and gums has a major impact on overall health, medical costs, and quality of life.

Source: University of Illinois Chicago College of Dentistry

"Compared to the general U.S. population and other racial/ethnic groups, American Indian/ Alaska Natives (AI/ANs) have a higher burden, earlier progression, and greater severity of dental disease. By the age of 2, 40% of AI/ AN children have experienced dental decay and cavities (caries), and by the age of 5, the prevalence of caries experience is 81%."

Source: Great Lakes Intertribal Epidemiology Center (GLITEC), 2019

Oral Health Rates



Source: 2022 Health Survey

Please Note: Due to COVID-19 protocols, there was limited availability at Oneida Dental

Cancer & Screenings

Cancer is the second-leading cause of death in the United States. In 2022, the American Cancer society estimates that there were 37,320 new cancer diagnoses in Wisconsin. That is about 102 people diagnosed every day in Wisconsin. While there is no universal cure for cancer, risk of death may be lowered

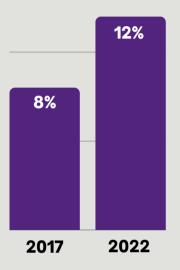
Sources American Cancer Society

America's Health Rankings

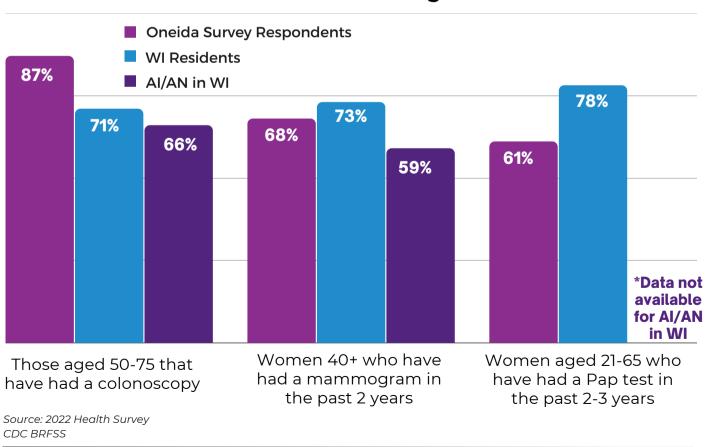
through lifestyle changes,

vaccination, and screenings.

Cancer Rates in Oneida



Cancer Screenings



Dementia & Caregiving



of Oneida respondents are limited in activities due to physical, mental, or emotional problems

13% have a health problem that requires the use of special equipment such as a cane, wheelchair, special bed or telephone

Alzheimer's disease is the most common type of dementia. Between 2014-2060, the number of American Indian and Alaska Natives aged 65 and older living with memory loss is projected to grow over five times.

Source: Centers for Disease Control and Prevention

1 in 5 Native American adults aged 45+ reports experiencing memory

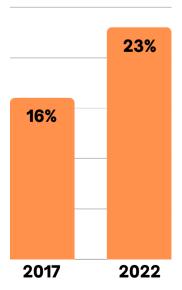
or thinking problems that might be a sign of dementia



Source: Alzheimer's Association

Caregiver

Oneida respondents who provided regular care to friend or family member in the last 30 days



Source: 2022 Health Survey

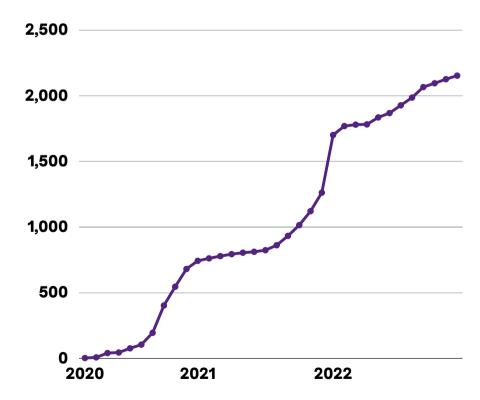
COVID-19

On March 11, 2020 the COVID-19 was officially declared a pandemic and a Declaration of Public Health State of Emergency was signed by the Oneida Nation Chairman. Since then, COVID-19 has continued to have an impact on the Oneida Nation and its community members.

As of 12/31/22 there have been:

Total Cases	Total Hospitalizations	Total Deaths
2153	146	12

Oneida Nation COVID-19 Cases over Time



Please Note: This data reflects COVID-19 statistics of Oneida Nation Jurisdiction which is specific to Native Americans living on the Oneida Nation Reservation. It does not include Native Americans living off the reservation. Source: Wisconsin Electronic Disease Surveillance System



Summary & Next Steps

This comprehensive health assessment demonstrates the many factors that impact our overall health. After thorough analysis of the data presented in this assessment and feedback from community members/stakeholders, the Oneida Community Health Services Department will determine 3 health related areas/issues to focus on for the next 5 years. These 3 focus areas will be at the center of our Community Health Improvement plan (CHIP), where we will collaborate with our partners to plan initiatives and activities to help address them. After implementing the 5-year Community Health Improvement Plan, the goal is to see positive change surrounding the priority areas and additional areas that impact overall health.

Thank you to the many partners and team members that contributed to this assessment. Your continued collaboration is incredibly valued and appreciated.

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Oneida Community Health Services Department