

2022-2024

Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department Community Service Plan, Community Needs Assessment and Community Health Improvement Plan

Research support provided by:



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ACKNOWLEDGEMENTS

The 2022-2024 Cattaraugus County Community Service Plan (CSP), Community Health Assessment and Community Health Improvement Plan (CHA-CHIP) were developed by Olean General Hospital d/b/a Bradford Regional Medical Center (OGH/BRMC)¹ and the Cattaraugus County Health Department (CCHD). Strategy Solutions, Inc. (SSI) was engaged by the CCHD, OGH/BRMC to assist with the CSP and the CHA-CHIP. Representatives from OGH/BRMC and the CCHD worked collaboratively to guide and conduct completion of the CSP and the CHA-CHIP. A steering committee made up of senior leaders of Upper Allegheny Health System (UAHS), OGH/BRMC, the CCHD, as well as representatives from community organizations, which includes leading health and social service organizations and municipalities, provided additional input. The combined expertise, input and knowledge of the members of the Steering Committee was vital to the project. This group deserves special recognition for their tireless oversight and support of the CSP/CHA-CHIP process. During the CSP/CHA-CHIP project, 23 stakeholders were interviewed by Strategy Solutions, Inc. (SSI). SSI administrated a Community Health Survey with 1,656 surveys completed. OGH/BRMC and the CCHD conducted a Community Health Intercept Survey with 241 surveys completed. Finally, information was gathered by the project team through a series of 12 focus groups, including a cross section of community groups. Information-gathering efforts allowed the project team and Steering Committee to gain a better understanding of the health status, health care needs, service gaps, and barriers to care for those living in McKean and Cattaraugus counties.

Upon completion of Community Health Assessment (CHA), a planning process was initiated to create the 2022-2024 Community Health Improvement Plan (CHIP). The leadership at the CCHD reviewed the past plan and determined that given the impact COVID-19 had on implementation of the 2019-2021 CHA and the continued prioritized focus on chronic disease and behavioral health, existing strategies currently underway should be continued. Leadership reached out to community partners to affirm their willingness to continue.

The administration of UAHS/OGH/BRMC and CCHD would like to thank all of those who were involved in this project, particularly those who participated in interviews, survey efforts, focus and planning groups, and information gathering.

¹ Which are members of Kaleida Health part of Upper Allegheny Health System (UAHS).

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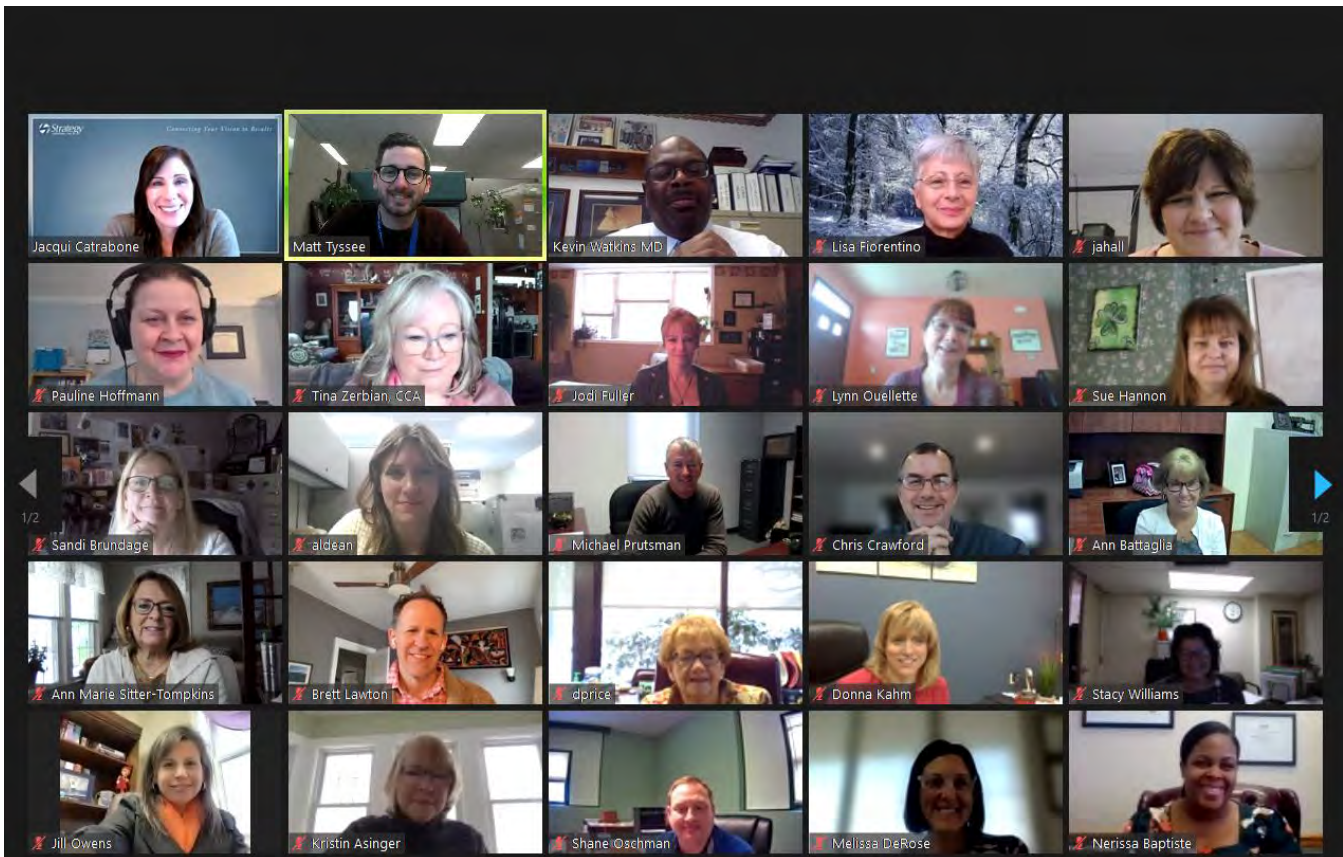
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ABBREVIATIONS AND ACRONYMS

BMRC	Bradford Regional Medical Center
BRFSS	Behavioral Risk Factor Surveillance System
CASA	Council on Alcohol and Substance Use
CDC	Center for Disease Control
CCHD	The Cattaraugus County Health Department
CHA	Community Health Assessment
CHIP	Community Health Improvement Plan
CSP	Community Service Plan
FMG	Foothills Medical Group
IRS	Internal Revenue Service
NY	New York
NYC	New York City
NYS	New York State
NYSDOH	New York State Department of Health
OGH	Olean General Hospital
OMG	Olean Medical Group
PA 2024	New York State Prevention Agenda 2024
SPC	Suicide Prevention Coalition
SSI	Strategy Solutions, Inc.
STHCS	Southern Tier Health Care Systems, Inc.
UAHS	Upper Allegheny Health System
UPC	Universal Primary Care
U.S.	United States
YPLL	Years of Potential Life Lost

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Message to the Community



MESSAGE TO THE COMMUNITY

OGH/BRMC² and the CCHD are proud to present the 2022-2024 Community Service Plan (CSP)/Community Health Assessment and Community Health Improvement Plan (CHA-CHIP). This report summarizes a comprehensive review and analysis of health status indicators, public health, socioeconomic, demographic and other qualitative and quantitative data from the primary and secondary service areas of McKean County, Pennsylvania and Cattaraugus County, New York in alignment with the New York State Department of Health's Prevention Agenda. This report also includes primary (surveys, interviews and focus groups) and secondary (data from third party sources, i.e., US Census Bureau) disease incidence and prevalence data for McKean and Cattaraugus counties. The data was reviewed and analyzed to determine the priority health needs facing the region.

The CSP/CHA-CHIP is offered as a resource to health care providers, policy makers, social service agencies, community groups, community organizations, religious institutions, businesses, and consumers who are interested in improving the health status of the region.

The results enable the health department and hospital, as well as other community providers, to strategically identify community health priorities, develop interventions, and commit resources to improve the health status of the region.

Improving the health of the region is a priority of OGH/BRMC and the CCHD. Beyond the education, patient care, and program interventions provided by the hospital and health department, it is the intent of both organizations that the information presented is not only a useful community resource, but also encourages additional activities and collaborative efforts.

² Olean General Hospital (OGH), which now includes the Bradford Regional Medical Center (BRMC) in Bradford, PA, is a member hospital of Upper Allegheny Health System (UAHS) and an affiliate of Kaleida Health, Buffalo, NY

Executive Summary



EXECUTIVE SUMMARY

The 2022-2024 OGH/BRMC Community Service Plan (CSP) and the CCHD's Community Health Assessment and Community Health Improvement Plan (CHA-CHIP) were conducted to identify significant health needs as outlined by the New York State Department of Health's 2019-2024 Prevention Agenda, where applicable. It also provides critical information OGH/BRMC, the CCHD, and others in a position to make a positive impact on the health of the region's residents. The CSP/CHA-CHIP enables the health department, hospital and other community partners to strategically establish priorities, develop interventions, and direct resources to improve the health of residents living in the service area.

To conduct the collaborative study, OGH/BRMC and the CCHD retained Strategy Solutions, Inc. (SSI), an Erie, Pennsylvania planning and research firm whose mission is to create healthy communities. The CSP/CHA-CHIP followed best practices as outlined by the Association of Community Health Improvement (ACHI)³. The CSP/CHA-CHIP as also designed to ensure OGH/BRMC compliance with current Internal Revenue Service (IRS) guidelines for charitable 501(c)(3) tax-exempt hospitals published in December 2014.

The CSP/CHA-CHIP includes a detailed examination of priority areas identified in the NYS Prevention Agenda: (1) prevent chronic diseases; (2) promote a healthy and safe environment; (3) promote healthy women, infants and children; (4) promote well-being and prevent mental health and substance use disorders; and (5) prevent communicable diseases. The Prevention Agenda is a six-year effort to make New York the healthiest state. Developed in collaboration with 140 organizations, the plan identifies New York's most urgent health concerns, and suggests ways local health departments, hospitals, and partners from health, business, education, and community organizations can work together to solve them.

To meet the December 2014 IRS requirements for a non-profit hospital, the CSP/CHA-CHIP includes evaluation of the 2019-2021 CSP/CHA-CHIP, demographics and socio-economic indicators, prioritization of needs, and a CHIP/implementation strategy for the next three years.

Primary and Secondary Data Reviewed: Secondary public health data on disease incidence and mortality and behavioral risk factors were gathered from numerous sources including the Pennsylvania Department of Health⁴, New York State Department of Health's Prevention Agenda Dashboard⁵, Centers for Disease Control and Prevention⁶, Healthy People 2030⁷, County Health Rankings⁸, and a number of other reports and publications. Primary qualitative data collected specifically for this assessment included 23 in-depth interviews with stakeholders representing the needs of the service area, as well as 12 focus groups. Four Community Health Surveys were also conducted during this process:

- (i) a Cattaraugus County CSP/CHA-CHIP Community Health Survey with 899 responses,
- (ii) a Cattaraugus County Health Department's community intercept survey with 223 responses,
- (iii) a McKean County CSP/CHA-CHIP Community Health Survey with 757 responses,
- (iv) a Bradford Regional Medical Center community intercept survey with 18 responses, and

In addition to gathering input from stakeholder interviews, input and guidance also came from 72 community representatives (36 representing McKean County and 36 representing Cattaraugus County) who served on the CSP/CHA-

³ <https://www.healthycommunities.org/resources/community-health-assessment-toolkit>

⁴ <https://www.phaim1.health.pa.gov/EDD/>

⁵ https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=/EBI/PHIG/apps/dashboard/pa_dashboard&p=sh

⁶ <https://www.cdc.gov/datastatistics/index.html>

⁷ <https://health.gov/healthypeople/objectives-and-data>

⁸ <https://www.countyhealthrankings.org/>

CHIP Steering Committee. Many members of the Steering Committee are affiliated with the Healthy Livable Communities Consortium of Cattaraugus County.

2019-2024 Prevention Agenda Priorities and Disparities: After all primary and secondary data were reviewed and analyzed by the Steering Committee, the data suggested a total of 32 distinct possible priorities for potential intervention to be considered for the Cattaraugus County CSP/CHA-CHIP and 13 for McKean County. Members of the Steering Committee and CSP/CHA-CHIP project coordination team met on March 9, 2022 to review the data and prioritize the possible priority areas. The methodology used included rating each possible priority area by three different criteria: (i) magnitude of the problem, (ii) impact on other health outcomes and (iii) capacity (systems and resources) to address the issue/need. Based on this prioritization and looking at evidenced-based solutions, the following top two priorities, as aligned with the NYS Prevention Agenda (NYS PA), are the areas that OGH/BRMC and the CCHD will be working on for 2022-2024: (i) ***prevent chronic diseases with a disparity concentration on poverty***; and (ii) ***promote well-being and prevent mental health and substance use disorders with a disparity concentration on poverty***.

Evaluation of Progress and Improvement Impact: To evaluate the impact, the 2022-2024 CSP/CHA-CHIP progress and improvement will be tracked through annual evaluation of the following data sources: NYSDOH Prevention Agenda dashboard data, County Health Rankings, and OGH/BRMC hospital utilization data, along with other local data sources. These data sources will be used to identify changes related to the interventions noted in **Table 1**, below.

2022-2024 CSP/CHA-CHIP Partners, Engagement of the Community and Evidenced-Based Interventions/Strategies/Activities: The 2022-2024 CSP/CHA-CHIP partners, community engagement and evidenced-based interventions/strategies/activities are outlined in **Table 1** below and are described in columns 2, 3 and 4, respectively.

Table 1: CCHD and OGH/BRMC Priority Areas, 2022-2024

To evaluate impact, progress and improvement will be tracked using the process measures bulleted below through quarterly meetings with the CHIP Steering Committee.			
Prevention Agenda Priority/Disparity	Partners	Partner Roles in the Assessment/Implementation Process	Interventions/Strategies/Activities and Process Measures
Prevent Chronic Disease Disparity: Poverty	Council on Alcohol and Substance Abuse (CASA) - Trinity, Connecting Communities in Action, Cattaraugus County Health Department, Cattaraugus County Schools, Cornell Cooperative Extension, Department of Aging, Department of Social Services, Foothills Medical Group-Omega, Genesis House, Health Community Alliance, Olean General Hospital, Bradford Regional	Community outreach, education and collaboration on programs and services	<ol style="list-style-type: none"> Increase food security through: <ul style="list-style-type: none"> # of partners that screen for food insecurity and facilitate referrals to supportive services Prevent initiation of tobacco use, including combustible tobacco and vaping products (defined as e-cigarettes and similar devices) by NYS youth and young adults through: <ol style="list-style-type: none"> use media and health communications to highlight the dangers use evidence-based programming (<i>Catch my Breath</i>) specific to middle and high school

To evaluate impact, progress and improvement will be tracked using the process measures bulleted below through quarterly meetings with the CHIP Steering Committee.

Prevention Agenda Priority/Disparity	Partners	Partner Roles in the Assessment/ Implementation Process	Interventions/Strategies/Activities and Process Measures
	<p>Medical Center, Olean Medical Group, Reality Check, Universal Primary Care</p> <hr/> <p>CCHD/OGH/BRMC will engage the broad community through: policies, referrals, holding public forums, utilizing the Healthy Livable Community Consortium, conducting community forums each year to discuss the CSP/CHA-CHIP, outreach and education, and screenings</p>		<p><i>students; and (iii) use health communications targeting health care providers</i></p> <ul style="list-style-type: none"> • # of schools and students reached receiving dangers of tobacco presentations • Work with departmental health system grantees to promote the delivery of evidenced-based cessation services by health care providers • # of individuals referred <p>3. Increase cancer screening rates for breast, cervical and colorectal cancers through:</p> <ul style="list-style-type: none"> • # of health systems that implement/improve provider/patient reminders • # of patients screened and reached through patient reminder systems <p>4. Promote evidence-based care to prevent and manage chronic diseases in the clinical setting including asthma, arthritis, cardiovascular disease, diabetes and prediabetes, and obesity</p> <ul style="list-style-type: none"> • % of patients tested for prediabetes

To evaluate impact, progress and improvement will be tracked using the process measures bulleted below through quarterly meetings with the CHIP Steering Committee.

Prevention Agenda Priority/Disparity	Partners	Partner Roles in the Assessment/Implementation Process	Interventions/Strategies/Activities and Process Measures
<p>Promote Well-Being and Prevent Mental Health and Substance Abuse Disorders</p> <p>Disparity: Poverty</p>	<p>Council on Alcohol and Substance Abuse (CASA) - Trinity, Cattaraugus County Health Department, Cattaraugus County Schools, Cattaraugus County Suicide, Prevention Coalition, Department of Community Services, Directions in Independent Living, Foothills Medical Group-Omega, Healthy Livable Communities, Coalition of Cattaraugus County, Olean General Hospital, Bradford Regional Medical Center, Olean Medical Group, Southern Tier Health Care Systems, Suicide Hotline, and Universal Primary Care</p> <p>CCHD/OGH will engage the broad community through: policies, holding public forums, utilizing the Healthy Livable Community Consortium, conducting</p>	<p>Community outreach, education and collaboration on programs and services</p>	<ol style="list-style-type: none"> 1. Facilitate supportive environments that promote respect and dignity for people of all ages <ul style="list-style-type: none"> • # of health promotion activities specific to mental illness • # of health promotion specific to substance use 2. Prevent underage drinking and excessive alcohol consumption by adults <ul style="list-style-type: none"> • % of persons offered SBIRT, completed prescreen and full screen • % of positive and % followed up with treatment • Completion of training • % of staff trained in trauma-informed approach 3. Prevent opioid overdoses and deaths <ul style="list-style-type: none"> • % of professional staff who completed Naloxone administration training • % of county residents who completed Naloxone administration training 4. Prevent suicides <ul style="list-style-type: none"> • # of Gatekeeper trainings provided • # of people who completed Gatekeeper trainings • # of people reached by thoughtful messaging about suicide

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

To evaluate impact, progress and improvement will be tracked using the process measures bulleted below through quarterly meetings with the CHIP Steering Committee.

Prevention Agenda Priority/Disparity	Partners	Partner Roles in the Assessment/ Implementation Process	Interventions/Strategies/Activities and Process Measures
	community forums each year to discuss the CSP/CHA-CHIP, outreach and education, and trainings		

*Please see the CHIP plan on pages 202-207 for a more in-depth description of the two priority areas being focused on by OGH/BRMC and the CCHD.

Methodology



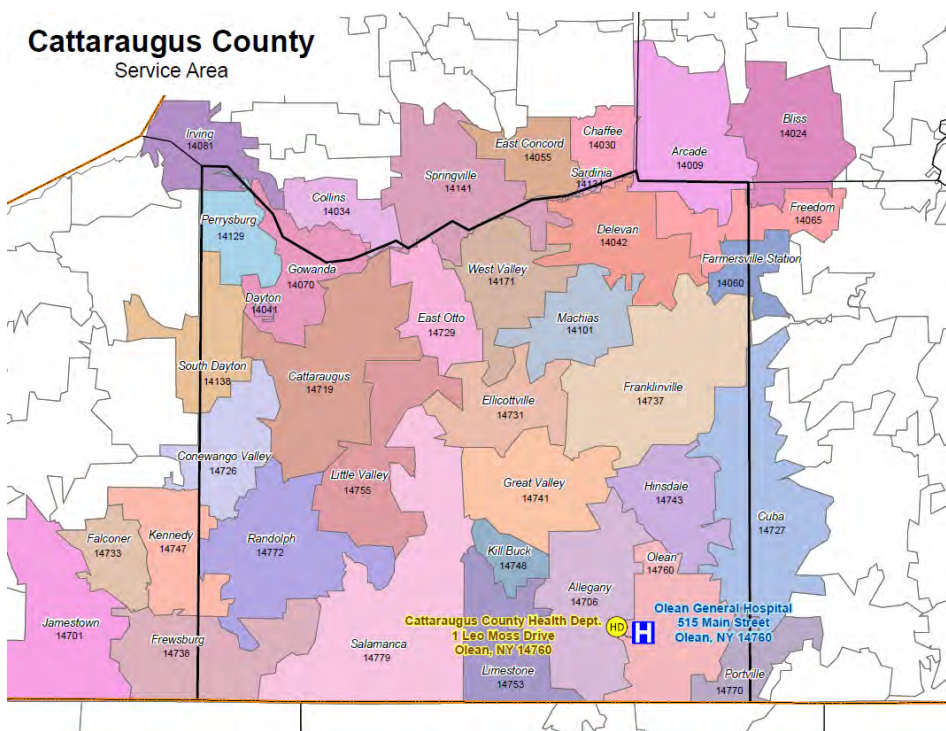
METHODOLOGY

To guide the CSP/CHA-CHIP, OGH/BRMC and the CCHD formed a Steering Committee that consisted of hospital, health department and community leaders who represented the broad interests of the region. The Steering Committee was comprised of individuals with expertise in public health, internal program managers, and representatives who understood the needs and issues related to various underrepresented groups including medically underserved populations, low-income persons, minority groups, and those with chronic disease needs. The McKean County and Cattaraugus County CSP/CHA-CHIP Steering Committees met two times between September 2021 and March 2022 to provide guidance on the various components of the assessment. See pages 2 and 3 for a listing of Steering Committee members and the organizations they represent.

Service Area Definition

Consistent with IRS and New York State Department of Health guidelines at the time of data collection, the project partners defined the community by geographic location based on the service area of McKean County, Pennsylvania and Cattaraugus County, NYS. The CCHD service area is Cattaraugus County, NYS. The OGH/BRMC service area includes primary and secondary zip codes in Cattaraugus County, NYS and McKean County, Pennsylvania. Cattaraugus County zip codes are shown in **Figure 1**. McKean County zip codes are illustrated in **Figure 2**.

Figure 1: Cattaraugus County Service Area



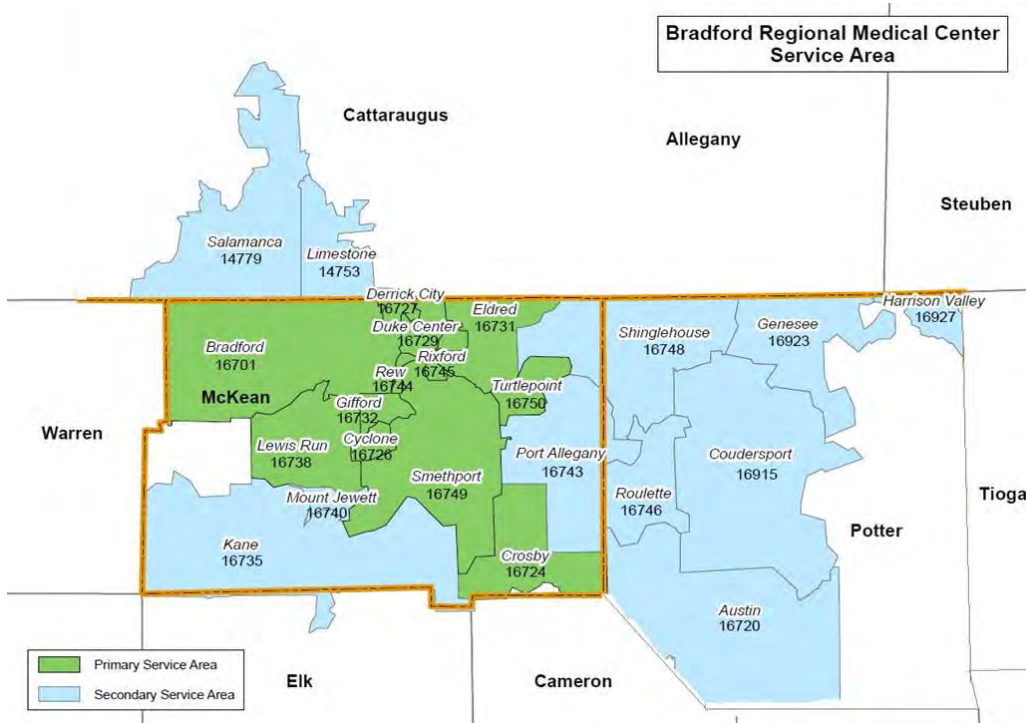
Source: Strategy Solutions, Inc. 2022

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The primary service area (PSA) for OGH are those zip codes for which OGH has the largest number of inpatient discharges among all hospitals. The secondary service area are those zip codes where OGH has either second or third largest number of inpatient discharges among hospitals. These zip codes include:

Primary Service Area		Secondary Service Area	
City/State	Zip Code	City/State	Zip Code
Allegany	14706	Angelica	14709
Blackcreek	14714	Belfast	14711
Caneadea	14717	Belmont	14813
Ceres	14721	Bolivar	14715
Cuba	14727	Cattaraugus	14719
Delevan	14042	Duke Center, Pennsylvania	16729
Ellicottville	14731	Eldred, Pennsylvania	16731
Farmersville	14060	Fillmore	14735
Franklinville	14737	Freedom	14065
Friendship	14739	Randolph	14772
Great Valley	14741	Rixford, Pennsylvania	16745
Hinsdale	14743	Scio	14880
Houghton	14744	Turtlepoint, Pennsylvania	16750
Kill Buck	14748		
Limestone	14743		
Little Genesee	14754		
Little Valley	14755		
Machias	14101		
Olean	14760		
Portville	14770		
Rushford	14777		
Salamanca	14779		
Shinglehouse, Pennsylvania	16748		

Figure 2: McKean County Service Area



Source: Strategy Solutions, Inc. 2022

The **primary service area** for OGH/BRMC include:

Ludlow	16333	Hazel Hurst	16733
Bradford	16701	Kane	16735
Crosby	16724	Lewis Run	16738
Custer City	16725	Mount Jewett	16740
Cyclone	16726	Port Allegany	16743
Derrick City	16727	Rex	16744
Duke Center	16729	Rixford	16745
East Smethport	16730	Smethport	16749
Eldred	16731	Turtlepoint	16750
Gifford	16732		

Qualitative and Quantitative Data Collection

In an effort to examine the health needs of the residents in the service areas to meet current IRS guidelines and requirements, the methodology employed both qualitative and quantitative data collection and analysis. OGH/BRMC, the CCHD, Steering Committee members and the consulting team made significant efforts to ensure that the entire primary service territory, all socio-demographic groups and all potential needs, issues and underrepresented populations were considered in the assessment to the extent possible given the resource constraints of the project. This was accomplished by identifying focus groups and key stakeholders who represented various subgroups within the community. In addition, the process to collect both the qualitative and quantitative data included extensive use of Pennsylvania Department of Health Data, New York State Department of Health's Prevention Agenda Dashboard, Centers for Disease Control and Prevention data, as well as OGH/BRMC and the CCHD's participation on the Steering Committee.

The secondary quantitative data collection process included demographic and socio-economic data obtained from the U.S Census Bureau – American FactFinder demographic database⁹. Disease incidence and prevalence data were obtained from the New York State Department of Health's Prevention Agenda Dashboard¹⁰, expanded Behavioral Risk Factor Surveillance Survey (BRFSS)¹¹, the Pennsylvania Department of Health¹², the Centers for Disease Control and Prevention (CDC)¹³; the American Community Health Survey¹⁴, County Health Rankings and Roadmaps¹⁵, and Healthy People 2030¹⁶. Selected Emergency Department and inpatient utilization data from the hospital was also included.

Primary data collection involved conducting a Community Health Survey, utilizing a mixed-methodology convenience sample, with data collection completed via paper and the Internet. OGH/BRMC and the CCHD put a link to the survey on their websites, distributed the survey link via email to local residents on their mailing list, ran ads in the paper, and distributed paper surveys in selected locations throughout the county.

A Cattaraugus County community intercept survey was conducted at the County Fair and select community events during the month of August 2021. A total of 223 surveys were completed by residents of the service area. BRMC conducted an intercept survey in McKean County at the Bradford Senior Center Expo on August 6, 2021. A total of 18 surveys were completed. The CSP/CHA/CHIP Community Health Survey was open between December 2021 and January 2022. A total of 1,656 surveys (757 from McKean County and 899 from Cattaraugus County) were received. The survey examined health status, community health needs, barriers to health care, and strategies or suggestions to address the community health needs. Refer to Appendix A for a copy of the Intercept Survey, Appendix B for the Community Health Survey, Appendix D for the stakeholder interview guide and Appendix E for the focus group topic guide.

The primary data collection process also included qualitative data from 23 stakeholder interviews, as seen in **Table 2**. Interviews were conducted by SSI staff members from November 2021 to February 2022. Stakeholders interviewed included individuals with expertise in a variety of disciplines and/or organizational affiliations. Primary data were also collected during 12 focus groups conducted between November 2021 and February 2022 by staff members of SSI. Groups who participated can be found in **Table 3**.

⁹ <https://data.census.gov/cedsci/>

¹⁰ https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=/EBI/PHIG/apps/dashboard/pa_dashboard&p=sh

¹¹ <https://www.phaim1.health.pa.gov/EDD/>

¹² <https://www.health.pa.gov/Pages/default.aspx>

¹³ <https://www.cdc.gov/datastatistics/index.html>

¹⁴ <https://www.census.gov/programs-surveys/acs/data.html>

¹⁵ <https://www.countyhealthrankings.org/>

¹⁶ <https://health.gov/healthypeople/objectives-and-data>

Table 2: Stakeholder Interviews

Date Conducted	Name	Title	Organization	County Representing
November 15, 2021	Angie Eckstrom	Executive Director	Alcohol & Drug Abuse Services	McKean County
November 15, 2021	Steve Morgan	President/CEO	Futures Rehabilitation Center	McKean County
November 15, 2021	Shane Oschman	Executive Director	City of Bradford Office of Economic and Community Development	McKean County
November 17, 2021	Mary Ann Chesebro	Manager	VNA of Northwest Pennsylvania	McKean County
November 18, 2021	Chris Lucco	City Administrator	City of Bradford	McKean County
November 22, 2021	Sarah Lonzi	Executive Director	United Way	McKean County
November 22, 2021	Shelley Alcorn	Program Director	Victim's Resource Center	McKean County
November 30, 2021	David Smith	Mayor	City of Gowanda	Cattaraugus County
December 1, 2021	Sandy Magiera	Mayor	City of Salamanca	Cattaraugus County
December 6, 2021	Catharine Mackay	Director	Department of Aging	Cattaraugus County
December 6, 2021	Dr. Ann Marie Zimmerman	FQHC Medical Director	Universal Primary Care	Cattaraugus County
December 7, 2021	Anthony Turano	Social Service Commissioner	Department of Social Services	Cattaraugus County
December 7, 2021	Ann Battaglia	Executive Director	Healthy Community Alliance	Cattaraugus County
December 8, 2021	Lynn Ouellette	Amish Outreach	UPMC Salamanca Clinic	Cattaraugus County
December 10, 2021	Mike Prutsman	Executive Director	Council on Addiction and Recovery Services, Inc.	Cattaraugus County
December 14, 2021	Jim McDonald	Mayor	City of Bradford	McKean County
December 20, 2021	Tina Martin	Executive Director	CARE for Children	McKean County
January 10, 2022	Mariann Kahle	Worksite Wellness Coordinator	UPMC	McKean County
January 17, 2022	Lynette Carl	Community Member	Save Bradford Hospital	McKean County
January 24, 2022	William Aiello	Mayor	City of Olean	Cattaraugus County

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Date Conducted	Name	Title	Organization	County Representing
January 27, 2022	Michael Sharbaugh	Director	Cattaraugus County Probation	Cattaraugus County
February 14, 2022	Kim Briggs	Executive Director	McKean County Department of Aging	McKean County
February 14, 2022	Betsy Costello	Community Member	Save Bradford Hospital	McKean County

Source: Strategy Solutions, Inc. 2022

Twelve focus groups were conducted between November 2021 and February 2022 as seen in **Table 3**. Interviews and focus groups captured personal perspectives from community members, providers, and leaders. They shared their insight and expertise regarding the health of a specific population, a specific community, or the county overall. Refer to Appendix E for a copy of the focus group topic guide used.

Table 3: Focus Groups Conducted

Date Conducted	Group Name	Representing	County Representing
November 17, 2021	Rays of Hope	Mental Health	McKean County
December 7, 2021	Pitt Bradford Nursing Students	Young Adults	McKean County
January 5, 2022	McKean County Collaborative	Providers	McKean County
January 7, 2022	STEPS Drop in Center	Low Income	McKean County
January 12, 2022	Behavioral Health Providers	Mental Health and Substance Use	Cattaraugus County
January 20, 2022	Cattaraugus County Hub	Providers	Cattaraugus County
January 26, 2022	Emergency Medical Services	Providers	Cattaraugus County
February 2, 2022	WIC, MOMS, Early Intervention	Infants, Children and Mothers	Cattaraugus County
February 9, 2022	Fatherhood Meeting	Homeless/Low Income	Cattaraugus County
February 16, 2022	Housing Coalition	Homeless/Low Income	Cattaraugus County
February 17, 2022	School District Representatives	Children	Cattaraugus County
February 25, 2022	SRO Consumers	Low Income	Cattaraugus County

Source: Strategy Solutions, Inc. 2022

Data Limitations

It is important to note that the surveys utilized a convenience sample and are not representative of the community at large. There are instances where the primary survey data is contrary to that of the secondary data reported. This is due to the fact the primary survey sample did not produce a representative sample. Data from the community survey and intercept survey are utilized throughout this report. It is important to note that these are meant to highlight the primary data collected but cannot be used to compare with other secondary data as the primary data is not representative of the community at large. Based on the way County Health Rankings and Roadmaps reports data, data reported in 2022 is data from 2019¹⁷.



¹⁷ <https://www.countyhealthrankings.org/explore-health-rankings/county-health-rankings-measures>

Needs Assessment Prioritization Process

On March 9, 2022, the CSP/CHA-CHIP Steering Committee met to review the primary and secondary data collected through the Community Health Assessment Process, the process steps of which are shown in **Figure 3**.

Figure 3: Community Health Assessment Process



Source: Health Research and Educational Trust

The team from SSI, presented the data to the CSP/CHA-CHIP Steering Committee. Needs, potential needs, and assets were discussed. A total of 32 possible needs were identified based on disparities in the data. Steering Committee representing Cattaraugus County rated all 32 identified needs, while McKean County rated 13 of the identified needs. Three criteria, including magnitude of the problem, impact on other health outcomes, and capacity to implement evidence-based solutions, were used to evaluate identified needs.

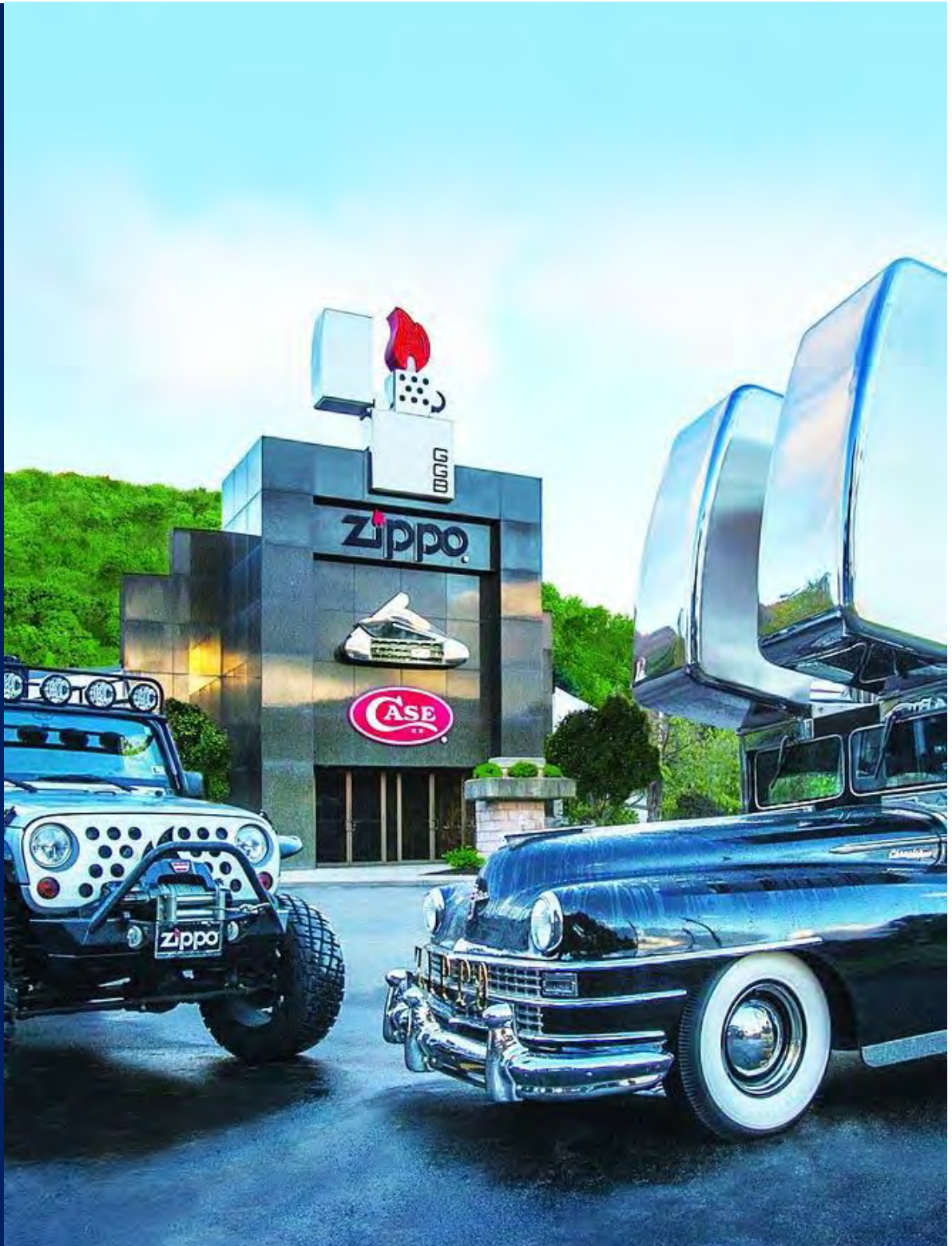
Following the meeting the CSP/CHA-CHIP Steering Committee members participated in a prioritization exercise via SurveyMonkey. Each of the needs were rated on a one to ten scale using the selected criteria. Twenty-four Steering Committee members participated in this exercise (11 representing Cattaraugus County and 13 representing McKean County).

The consulting team analyzed the data from the exercise and ranked the results by overall composite score for the service area.

On April 14, 2022, the CSP/CHA-CHIP project coordination team met to discuss the prioritization results.



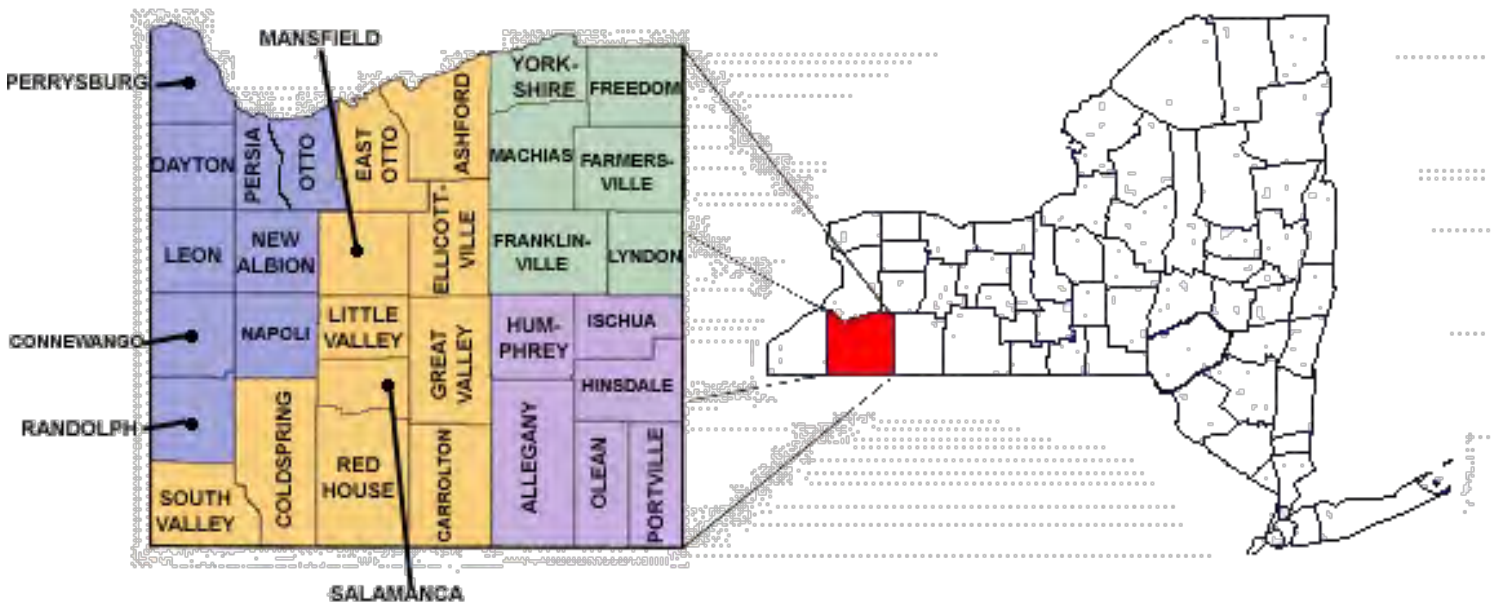
Demographics



DEMOGRAPHICS

For purposes of this CSP/CHA-CHIP, the service area geography is defined as the service area for the CCHD which is Cattaraugus County as well as McKean County which is served by OGH/BRMC. **Figure 4** shows the towns in Cattaraugus County. **Figure 2** above illustrates the geography of McKean County.

Figure 4: Overall Service Area Geography, Cattaraugus County



Source: Cattaraugus County, NYS <http://nycattar.org>

The primary and secondary service area zip codes for McKean and Cattaraugus County were used to pull Demographic data where applicable, in other cases data was pulled at the county level. Demographic data was compiled from Claritas - Pop-Facts Premier 2022, Environics Analytics¹⁸ in order to report on the areas of: population, sex, race, age, marital status, educational status, household income, employment, poverty status, and travel time to work. Below are the demographic conclusions from this data.

¹⁸ This is a subscription service used by Strategy Solutions, Inc. to obtain demographic data

Demographic, Population and Socioeconomic Data

Cattaraugus County

Cattaraugus County is a large (1309 sq. mi.), primarily rural county situated in Southwestern New York, along the Pennsylvania border. There are two cities, Olean and Salamanca, with populations of approximately 13,670 and 5,497 respectively (2019 estimates), in addition to 9 villages and 32 towns located in Cattaraugus County.¹⁹

The population of Cattaraugus County has been steadily declining. The 2010 Census reported the population at 80,317, the 2022 estimate projects the total population of Cattaraugus County will be 78,921. This is a 1.7% decrease. While the population is projected to decrease in the county, during this time the population increased in New York State (NYS) overall by 4.3%.

Cattaraugus County’s population is predominantly White (91.2%). The population is aging with the 2021 median age of the population at 42.6, which is projected to be 42.9 five years from now. The county has an older population in comparison to the state which is 39.8. There are slightly more females (50.3%) than males (49.8%) in Cattaraugus County. Less than half (49.0%) of the population age 15 and older in Cattaraugus County is currently married.

Over a third (38.8%) of the residents hold a high school diploma or equivalent with another 33.4% holding a college or advanced degree. Based on 2022 estimates, the median household income for the county is \$54,151 which is lower in comparison to the state which is \$79,747. Approximately one in ten families (10.5%) are living in poverty, which is slightly higher than the state (9.9%). It is estimated that 55.0% of the population age 16 and older is civilian employed, while 2.5% are unemployed. Of those age 16 and older, 42.5% are not in the workforce²⁰.

Table 4 compares the demographics of the primary service area with the state of New York and the United States.

Table 4: Demographics, Cattaraugus County

	Cattaraugus County	New York	US
Gender	M – 49.8% F – 50.3%	M – 48.6% F – 51.4%	M – 49.2% F – 50.8%
Race/Ethnicity			
White	91.2%	62.8%	69.0%
American Indian/Alaska Native	3.5%	0.6%	1.0%
Hispanic/Latino	2.4%	20.0%	19.3%
African American/Black	1.4%	15.7%	12.9%
Asian	0.8%	8.9%	6.0%
Other Race	3.1%	12.0%	11.1%

¹⁹ <https://www.census.gov/programs-surveys/popest.html?intcmp=serp>

²⁰ Environics Analytics Claritas - Pop-Facts Premier, 2022

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	Cattaraugus County	New York	US
Age			
Median Age (2022)	42.6	39.8	39.0
Median Age (2027)	42.9	40.9	40.1
Marital Status (Population Age 15+)			
Married	49.0%	41.3%	44.9%
Separated	4.0%	5.8%	4.6%
Divorced	11.6%	8.9%	10.9%
Widowed	6.4%	5.8%	5.7%
Never Married	28.9%	38.3%	33.8%
Education (Population Age 25+)			
Did Not Complete High School	9.8%	12.6%	11.5%
High School Graduate/GED	38.8%	26.0%	26.9%
Some College, No Degree	18.1%	15.2%	20.1%
Associates Degree	12.7%	8.8%	8.6%
Bachelor's Degree	11.1%	21.0%	20.2%
Master's Degree	7.9%	11.9%	9.1%
Professional Degree	0.9%	3.0%	2.2%
Doctorate Degree	0.8%	1.5%	1.5%
Income			
Average Household Income	\$71,678	\$119,429	\$103,625
Median Household Income	\$54,151	\$79,747	\$72,191
Families Living in Poverty	10.5%	9.9%	9.1%
Families Living in Poverty w/ Children	8.2%	7.0%	6.7%
Employment*			
Labor Force Employed	95.6%	95.3%	95.3%
Age 16+ are Employed	55.0%	60.2%	60.1%
Age 16+ are Unemployed	2.5%	3.0%	3.0%
Hold White Collar Occupations	53.0%	62.9%	60.2%

Source: Environics Analytics Claritas - Pop-Facts Premier, 2022

*Data from this section came from different data sets within the source, which is why it totals greater than 100%

NOTE: Due to rounding some sections may total more than 100%

McKean County

McKean County is a medium sized (984 sq. mi) primarily rural county in Northwestern Pennsylvania along the New York border. McKean County is in a sparsely populated region known as the Pennsylvania Wilds, including the Allegheny National Forest. McKean County was founded because of its natural resources of oil and timber, both of which continue to provide a significant input to the economy. Today, a university, rural medical center, federal prison and manufacturing companies balance the area's economy.²¹

The population of McKean County has been steadily declining. The 2010 census reported a population of 43,450, while the 2022 estimated population is 40,547. This is a 6.7% population decrease, in contrast to the rest of Pennsylvania which had a population increase of 2.5% over the same period.

McKean County is predominantly White (94.9%). The median age of the population is 43.6 which is slightly higher than the state overall 41.3 and is projected to increase to 44.0 five years from now. There are slightly more males (51.3%) than females (48.7%) in McKean County. Just under half (47.0%) of the population in McKean county is married.

The county is well educated with 47.6% of those age 25 and older holding a high school diploma or equivalent and another 27.7% holding an advanced degree. The median household income is \$56,117 which is lower than Pennsylvania (\$69,979). It is estimated that in 2022 11.0% of families in the county live below the federally determined poverty guidelines, which is higher than the state (8.3%). Based on 2022 estimates, of those 16 years and older, 53.1% are civilian employed, 3.4% are unemployed and 43.5% are not in the labor force²².

Table 5 compares the demographics of the primary service area with the state of Pennsylvania and the United States.

Table 5: Demographics, McKean County

	McKean County	Pennsylvania	US
Gender	M – 51.3% F – 48.7%	M – 49.0% F – 51.0%	M – 49.2% F – 50.8%
Race/Ethnicity*			
White	94.9%	78.2%	69.0%
American Indian/Alaska Native	0.3%	0.3%	1.0%
Hispanic/Latino	2.4%	8.6%	19.3%
African American/Black	2.5%	11.5%	12.9%
Asian	0.6%	3.9%	6.0%
Age			
Median Age (2022)	43.6	41.3	39.0
Median Age (2027)	44.0	42.1	40.1
Marital Status (Population Age 15+)			

²¹ <https://geographic.org/streetview/usa/pa/mckean/index.html>; https://en.wikipedia.org/wiki/McKean_County,_Pennsylvania

²² Claritas – Pop-Facts Premier 2022, Environics Analytics

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	McKean County	Pennsylvania	US
Married	47.0%	45.6%	44.9%
Separated	4.5%	3.9%	4.6%
Divorced	11.3%	9.9%	10.9%
Widowed	7.3%	6.6%	5.7%
Never Married	29.9%	34.0%	33.8%
Education (Population Age 25+)			
Did Not Complete High School	8.2%	9.1%	11.5%
High School Graduate/GED	47.6%	34.5%	26.9%
Some College, No Degree	16.6%	15.8%	20.1%
Associates Degree	8.8%	8.6%	8.6%
Bachelor's Degree	12.1%	19.4%	20.2%
Master's Degree	5.2%	9.1%	9.1%
Professional Degree	0.8%	2.1%	2.2%
Doctorate Degree	0.8%	1.5%	1.5%
Income			
Average Household Income	\$73,024	\$98,098	\$103,625
Median Household Income	\$56,117	\$69,979	\$72,191
Families Living in Poverty	11.0%	8.3%	9.1%
Families Living in Poverty w/ Children	8.7%	6.1%	6.7%
Employment*			
Labor Force Employed	94.0%	95.3%	95.3%
Age 16+ are Employed	53.1%	60.1%	60.1%
Age 16+ are Unemployed	3.4%	2.9%	3.0%
Hold White Collar Occupations	48.3%	60.2%	60.2%

Source: Environics Analytics Claritas - Pop-Facts Premier, 2022

*Data from this section came from different data sets within the source, which is why it totals greater than 100%

Table 6 and 7 outlines the income and poverty demographics for the service area. Caneadea (13.6%), Cuba (11.0%), Farmersville Station (12.8%), Franklinville (10.4%), Friendship (15.1%), Houghton (11.4%), Kill Buck (10.4%), Limestone (11.7%), Little Genesee (15.5%), Olean (10.4%), Rushford (20.5%), Salamanca (19.9%), Angelica (11.6%), Belfast (10.8%), Belmont (13.7%), Bolivar (12.9%), Filmore (12.2%), Randolph (10.4%) and Scio (13.1%) have higher rates of families living in poverty than NYS overall (10.2%). Ceres (4.7%), Cuba (3.8%), Friendship (3.8%), Hinsdale (3.6%), Little Genesee (4.0%), Belmont (3.7%), Bolivar (3.9%) and Scio (3.4%) have a higher unemployment rate than NYS overall (3.3%).

Bradford (13.5%), Ludlow (9.4%), Duke Center (13.2%), Eldred (9.3%), Hazel Hurst (9.8%), Kane (9.6%), Ludlow (9.4%), Mount Jewett (8.6%), Port Allegany (11.9%), Rixford (11.6%), Shinglehouse (11.7%) and Smethport (8.6%) have higher percentages of families living in poverty than Pennsylvania (8.2%). Bradford (3.4%), Ludlow (7.1%), Kane (4.7%), Port Allegany (3.8%), Shinglehouse (3.5%) and Turtlepoint (3.6%) have higher unemployment than Pennsylvania (3.2%).

Table 6: Income and Poverty Demographics, Cattaraugus County

Zip Code	Primary City	Families Living in Poverty	Unemployed
14706	Allegany	6.8%	1.9%
14714	Black Creek	9.6%	2.7%
14717	Caneadea	13.6%	2.4%
14721	Ceres	9.7%	4.7%
14727	Cuba	11.0%	3.8%
14042	Delevan	7.4%	3.0%
14731	Ellicottville	9.5%	1.4%
14060	Farmersville Station	12.8%	1.7%
14737	Franklinville	10.4%	2.7%
14739	Friendship	15.1%	3.8%
14741	Great Valley	9.9%	2.0%
14743	Hinsdale	3.6%	3.6%
14744	Houghton	11.4%	2.0%
14748	Kill Buck	10.4%	2.0%
14753	Limestone	11.7%	1.7%
14754	Little Genesee	15.5%	4.0%
14755	Machias	8.9%	2.1%
14760	Olean	10.4%	2.9%
14770	Portville	8.9%	3.2%
14777	Rushford	20.5%	2.6%
14779	Salamanca	19.9%	2.8%
14709	Angelica	11.6%	1.8%
14711	Belfast	10.8%	2.2%
14813	Belmont	13.7%	3.7%
14715	Bolivar	12.9%	3.9%
14719	Cattaraugus	10.2%	2.2%
14735	Fillmore	12.2%	1.9%
14065	Freedom	8.0%	1.2%
14772	Randolph	10.4%	1.9%
14880	Scio	13.1%	3.4%

Source: Environics Analytics Claritas - Pop-Facts Premier, 2022

Table 7: Income and Poverty Demographics, McKean County

Zip Code	Primary City	Families Living in Poverty	Unemployed
16720	Austin	3.6%	1.9%
16701	Bradford	13.5%	3.4%
16724	Crosby	4.6%	2.8%
16333	Ludlow	9.4%	7.1%
16726	Cyclone	5.6%	2.2%
16727	Derrick City	5.9%	2.0%
16729	Duke Center	13.2%	2.7%
16731	Eldred	9.3%	2.8%
16732	Gifford	6.7%	2.0%
16733	Hazel Hurst	9.8%	2.7%
16735	Kane	9.6%	4.7%
16738	Lewis Run	5.3%	2.1%
16333	Ludlow	9.4%	7.1%
16740	Mount Jewett	8.6%	3.1%
16743	Port Allegany	11.9%	3.8%
16744	Rew	2.1%	2.0%
16745	Rixford	11.6%	2.9%
16748	Shinglehouse	11.7%	3.5%
16749	Smethport	8.6%	2.9%
16750	Turtlepoint	7.7%	3.6%

Source: Environics Analytics Claritas - Pop-Facts Premier, 2022

Languages Spoken by the Population – Cattaraugus County²³

- (i) Population 5 years and over:
 - a. An estimated 69,744 speak only English which is estimated to be 95.7% of the total population.
 - b. An estimated 3,167 speak a language other than English which is estimated to be 4.3% of the total population.
- (ii) Of the population who speak a language other than English:
 - a. An estimated 791 speak Spanish which is estimated to be 1.1% of the subgroup.
 - b. An estimated 1,906 speak other Indo-European languages²⁴ which is estimated to be 2.6% of the subgroup.
 - c. An estimated 166 speak an Asian and Pacific Islander language²⁵ which is estimated to be 0.2% of the subgroup.
 - d. An estimated 304 speak an unidentified other languages²⁶ which is estimated to be 0.4% of the subgroup.

Languages Spoken by the Population – McKean County²⁷

- (i) Population 5 years and over:
 - a. An estimated 37,658 speak only English which is estimated to be 97.3% of the total population.
 - b. An estimated 1,046 speak a language other than English which is estimated to be 2.7 % of the total population.
- (ii) Of the population who speak a language other than English:
 - a. An estimated 670 speak Spanish which is estimated to be 1.7% of the subgroup.
 - b. An estimated 240 speak other Indo-European languages²⁴ which is estimated to be 0.6% of the subgroup.
 - c. An estimated 121 speak an Asian and Pacific Islander language²⁵ which is estimated to be 0.3% of the subgroup.
 - d. An estimated 15 speak an unidentified other languages²⁶ which is estimated to be 0.1% of the subgroup.

²³ Source: US Census Bureau, American Community Survey, 2021-5 Year Estimates Table S1601 "Language Spoken at Home" for Cattaraugus County.

²⁴ Indo-European languages are classified according to the U.S. Census Bureau's description listed here <https://www.census.gov/topics/population/language-use/about.html>

²⁵ Asian and Pacific Island languages are classified according to the U.S. Census Bureau's description listed here <https://www.census.gov/topics/population/language-use/about.html>

²⁶ The Other language category are classified according to the U.S. Census Bureau's description listed here <https://www.census.gov/topics/population/language-use/about.html>

²⁷ Source: US Census Bureau, American Community Survey, 2021-5 Year Estimates Table S1601 "Language Spoken at Home" for McKean County

Health Status of the Population

The population in both Cattaraugus and McKean counties is fairly homogeneous. When examining health disparities, it is difficult to point to any one racial or ethnic group. Cattaraugus County has a large Amish population located in the western part of the county; with an estimated 2,500 residents, they constitute slightly under 3% of the county's population.²⁸ In recent years there has been an influx of Amish into McKean County as well²⁹. However, the vast majority of the Amish Community do not participate in the census, nor do they participate in public or private health insurance programs. In addition, due to religious beliefs, this population is not receptive to standard immunization.

Cattaraugus County also has a sizable Native American population. The Seneca Nation of Indians' territory spans both banks of the Allegheny River and borders the towns of South Valley, Cold Spring, Salamanca, Great Valley, Red House, Carrollton and Allegany. The City of Salamanca, with the exception of a northern spur along U.S. Route 219, is also located within the territory.

For the purposes of this CHA, populations in zip codes with high incidence of Years of Potential Life Lost (YPLL-75), and populations in poverty will be the focus.

The Robert Wood Johnson Foundation and the University of Wisconsin's Population Health Institute County Health Rankings, ranks Cattaraugus County's Health Outcome (Length of Life and Quality of Life) at 60 of 62 counties in NYS. This ranking indicates that Cattaraugus County is one of the unhealthiest counties in New York State. McKean County is ranked 46 out of 67 counties for Health Outcomes Overall Rank (Length of Life and Quality of Life). The county is among the lower middle range of counties in Pennsylvania for health outcomes and among the least healthy counties for health factors. The percentage of premature deaths weigh heavily on this poor county health ranking. Measuring premature death, rather than overall mortality, focuses attention on deaths that could have been prevented. Premature death is defined as death before age 75. The measure calculates the years of potential life lost (YPLL-75). The concept of YPLL-75 involves estimating the average time a person would have lived had he or she not died prematurely. This measure is used to help quantify social and economic loss owing to premature death, and it emphasizes specific causes of death affecting the younger age groups. It is important to note that while age premature death and years of potential life lost are most commonly looked at for those before the age of 75, the New York Prevention Agenda tracks data for premature death before the age of 65.

Sub-county data shows that the Town of Mansfield (42.9%), the Town of Leon (35.9%) and the Town of Salamanca (35.0%) lead the county in years of potential life lost. **Table 8** illustrates the percentage of YPLL-65 by zip code for Cattaraugus County.

²⁸ http://www.oleantimesherald.com/olean/health-officials-worry-about-cattaraugus-county-s-amish-amidst-u/article_ff2d5d95-b875-5c95-bcf3-b156b70c522a.html

²⁹ https://www.oleantimesherald.com/news/mckean-county-sees-rise-in-amish-population/article_0e2736b3-5ce9-55bc-85e6-75ef0a0022fd.html

Table 8: Premature Death (Death Before Age 65) /Years of Potential Life Lost, By Zip Code for Cattaraugus County, 2016-2019

Zip Code	Municipality Name	Municipality Type	Deaths (before age 65 years)	Percentage of Premature Deaths
14706	Allegany	Town	49	17.1
14783	Allegany	Reservation	13	26.5
14731	Ashford	Town	26	32.5
14748	Carrollton	Town	15	28.3
14783	Coldspring	Town	9	27.3*
14726	Conewango	Town	12	26.1
14041	Dayton	Town	20	27.4
14729	East Otto	Town	10	29.4
14731	Ellicottville	Town	8	15.4*
14737	Farmersville	Town	12	31.6
14737	Franklinville	Town	26	24.8
14009	Freedom	Town	21	32.8
14741	Great Valley	Town	14	14.1
14743	Hinsdale	Town	23	31.5
14741	Humphrey	Town	3	17.6*
14743	Ischua	Town	13	32.5
14751	Leon	Town	14	35.9
14755	Little Valley	Town	27	29.0
14737	Lyndon	Town	7	33.3*
14101	Machias	Town	20	11.1
14729	Mansfield	Town	9	42.9*
14755	Napoli	Town	11	30.6
14719	New Albion	Town	20	20.8
14760	Olean	City	149	21.7
14760	Olean	Town	17	21.8
14719	Otto	Town	11	29.7
14070	Perrysburg	Town	31	30.1
14070	Persia	Town	42	22.8
14770	Portville	Town	25	16.6
14772	Randolph	Town	20	21.7
14779	Red House	Town	0	0.0*
14779	Salamanca	City	68	23.3
14779	Salamanca	Town	7	35.0*

Zip Code	Municipality Name	Municipality Type	Deaths (before age 65 years)	Percentage of Premature Deaths
14764	South Valley	Town	2	33.3*
14030	Yorkshire	Town	43	31.9

* Fewer than 10 events in the numerator, therefore the rate is unstable.

Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=/EBI/PHIG/apps/dashboard/pa_dashboard&p=mp&ind_id=pa1_0%20&cos=4

By examining premature mortality rates and investigating the underlying causes of high rates of premature death, resources can be targeted toward strategies that will extend years of life in Cattaraugus County. In 2019, the five leading causes of premature death in Cattaraugus County (see **Table 9**) include Cancer, Heart Disease, Unintentional Injury, Chronic Lower Respiratory Diseases, and Diabetes respectively. In NYS, excluding New York City, the leading causes of premature death mirror Cattaraugus County.

Several factors can be attributed to the leading causes of premature death but health behaviors such as obesity, tobacco use, physical inactivity, illicit drug use and excessive drinking have a direct association to preventable premature deaths³⁰. When examining primary data, several health behaviors were identified as areas of concern either in the community survey, focus groups or stakeholder interviews. Secondary data confirms that most of these health behaviors were worse for residents of Cattaraugus County than the state averages. These health behaviors are explored in detail in several sections of this CHA.

Table 9: Leading Causes of Premature Death, Cattaraugus County (Death before Age 75), 2019

Causes of Death	Cattaraugus County		New York State (excluding NYC)	
	# Cases	Age adjusted rate per 100,000	# Cases	Age adjusted rate per 100,000
Cancer	104	92.4	11,474	77.6
Heart Disease	75	71.9	7,799	53.2
Unintentional Injury	30	45.5	3,492	33.0
Chronic Lower Respiratory Disease	26	22.4	1,847	11.9
Diabetes	20	20.1	1,237	8.5

Source: https://apps.health.ny.gov/public/tabvis/PHIG_Public/lcd/reports/#state

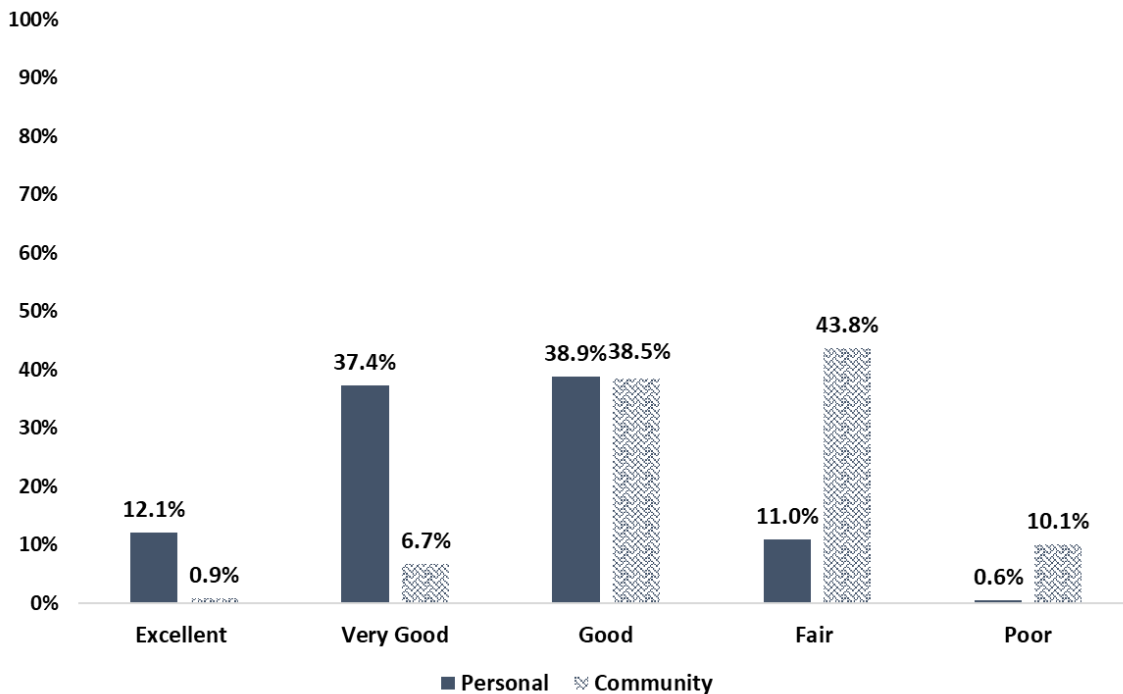
³⁰ <https://www.americashealthrankings.org/explore/annual/measure/YPLL/state/ALL>

As illustrated in **Figure 5**, respondents to the 2022 Community Health Survey from Cattaraugus County rated their personal health status higher than the health status of the community. The majority of respondents rated their personal health Excellent, Very Good or Good, while the majority also rated the community health status Good, Fair or Poor. **Figure 6** illustrates that income also impacts personal health status ratings. Respondents whose incomes are over \$50,000 were less likely to rate their health status as Fair or Poor.

According to Healthy People 2030³¹, residents of impoverished communities often have reduced access to resources that are needed to support a healthy quality of life, such as stable housing, healthy foods, and safe neighborhoods. Poverty can also limit access to educational and employment opportunities, which further contributes to income inequality and perpetuates cyclical effects of poverty. Unmet social needs, environmental factors, and barriers to accessing health care contribute to worse health outcomes for people with lower incomes. For example, people with limited finances may have more difficulty obtaining health insurance or paying for expensive procedures and medications. In addition, neighborhood factors, such as limited access to healthy foods and higher instances of violence, can affect health by influencing health behaviors and stress. Across the lifespan, residents of impoverished communities are at increased risk for mental illness, chronic disease, higher mortality, and lower life expectancy.

There is an opportunity for OGH/BRMC and the CCHD to focus outreach and programs to low-income communities in an effort to improve access and overall health outcomes.

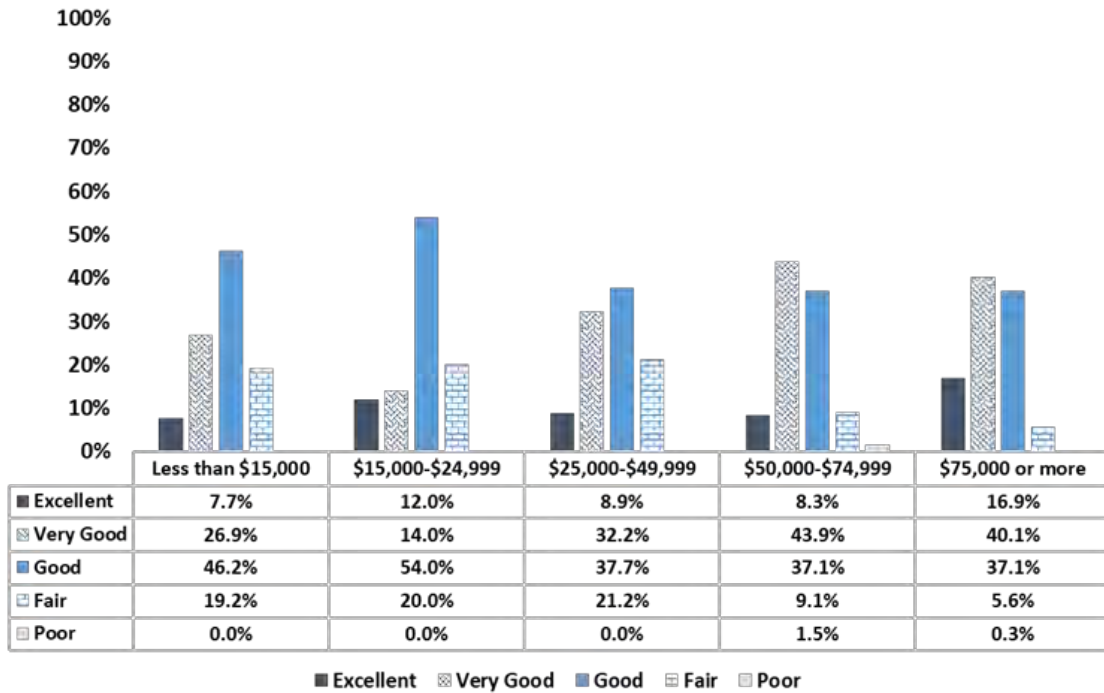
Figure 5: Community Health Survey Personal and Community Health Status, Cattaraugus County



Source: Cattaraugus and McKean County Community Health Survey, 2022

³¹ <https://health.gov/healthypeople/priority-areas/social-determinants-health/literature-summaries/poverty>

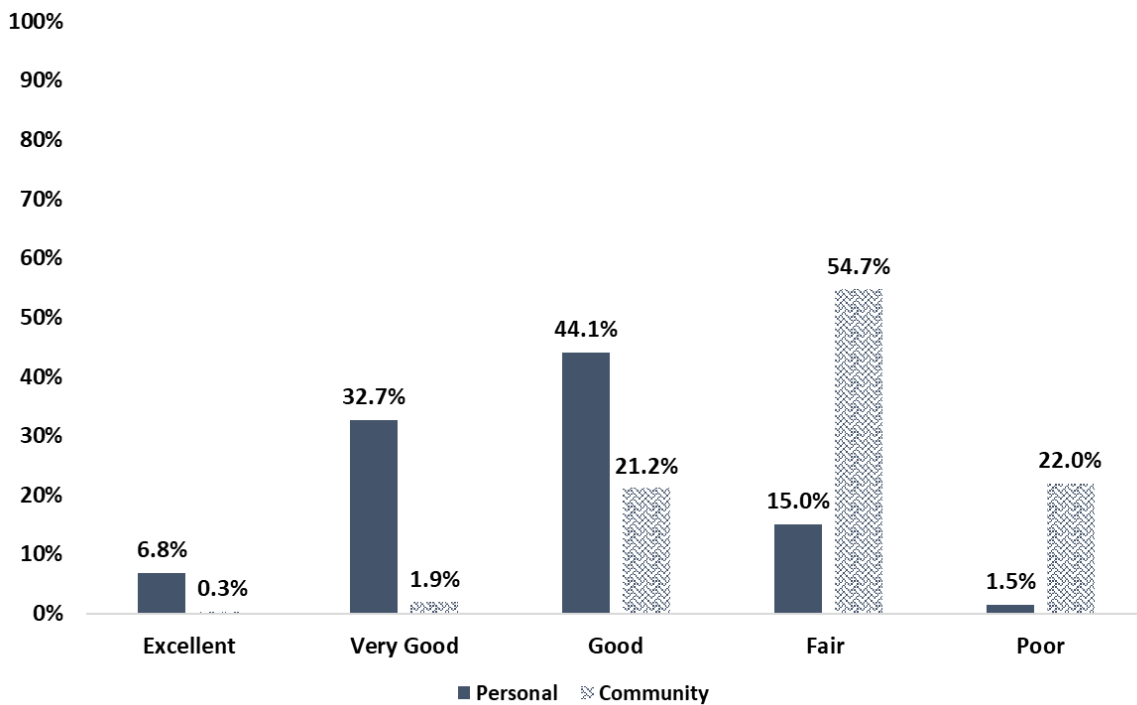
Figure 6: Personal Health Status Rating by Income, Cattaraugus County



Source: Cattaraugus and McKean County Community Health Survey, 2022

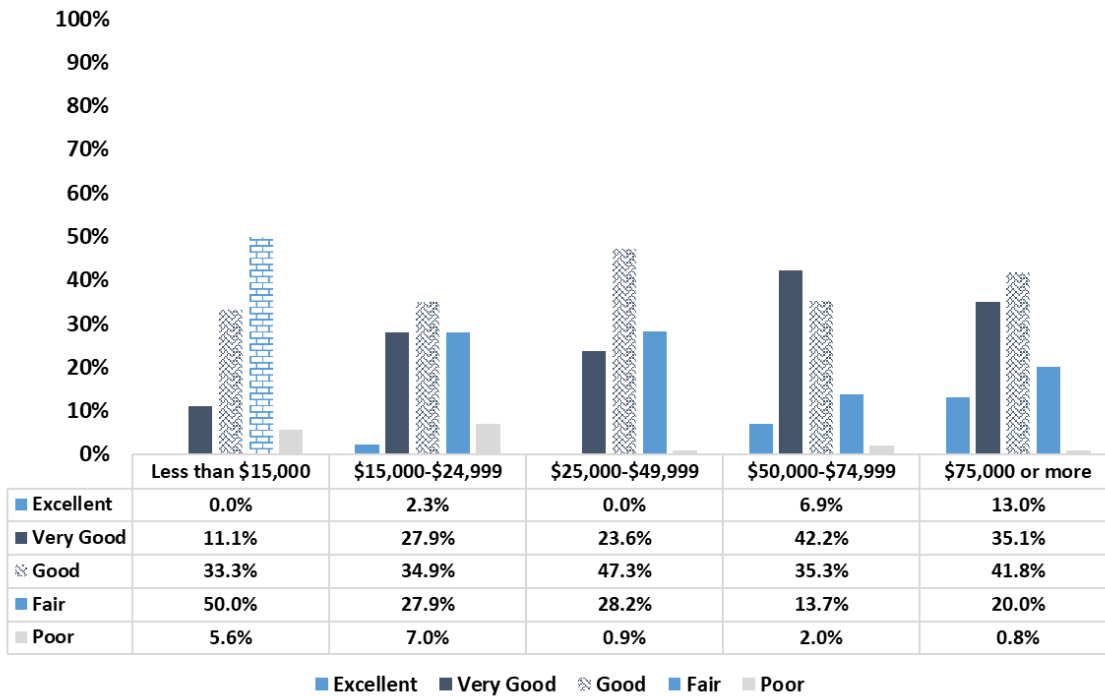
As illustrated in **Figure 7**, respondents to the 2022 Community Health Survey from McKean County rated their personal health status higher than the health status of the community. The majority of respondents rated their personal health Excellent, Very Good or Good, while the majority also rated the community health status Good, Fair or Poor. **Figure 8** illustrates that income also impacts personal health status ratings. Respondents whose incomes are over \$50,000 were more likely to rate their health status as Very Good.

Figure 7: Community Health Survey Personal and Community Health Status, McKean County



Source: Cattaraugus and McKean County Community Health Survey, 2022

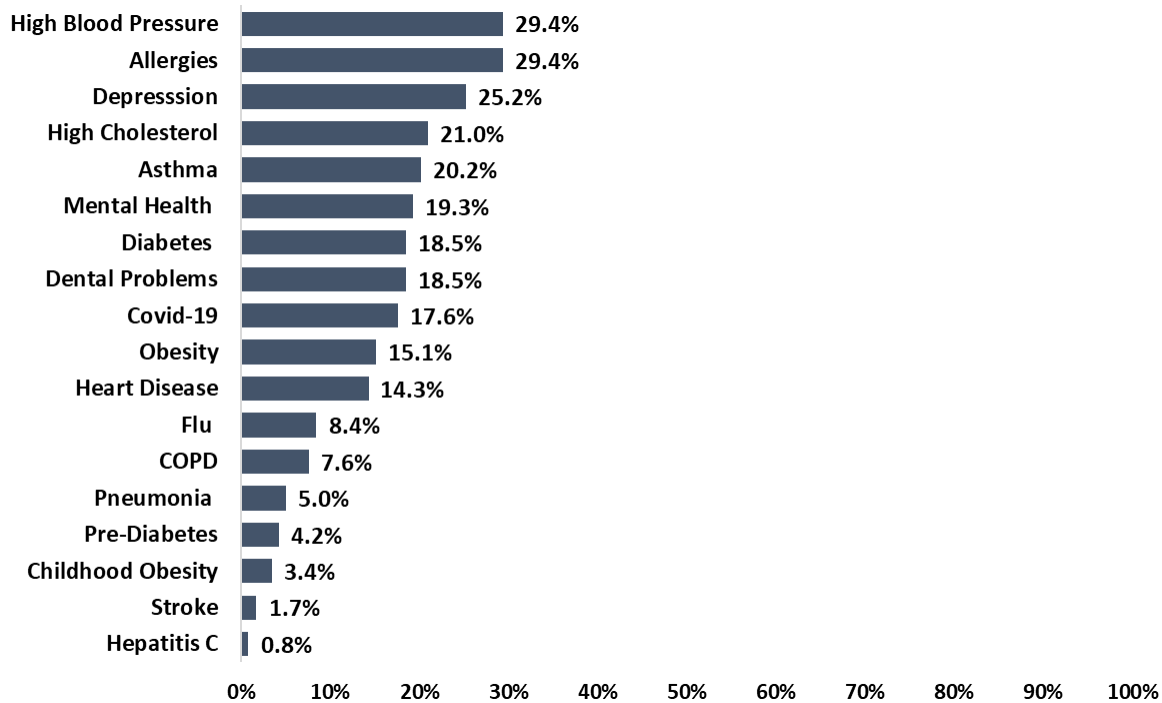
Figure 8: Personal Health Status Rating by Income, McKean County



Source: Cattaraugus and McKean County Community Health Survey, 2022

Figure 9 illustrates that Cattaraugus County Community Intercept Survey respondents have either themselves or have had a family member been affected by the following health conditions: High Blood Pressure (29.4%), Allergies (29.4%) or Depression (25.2%).

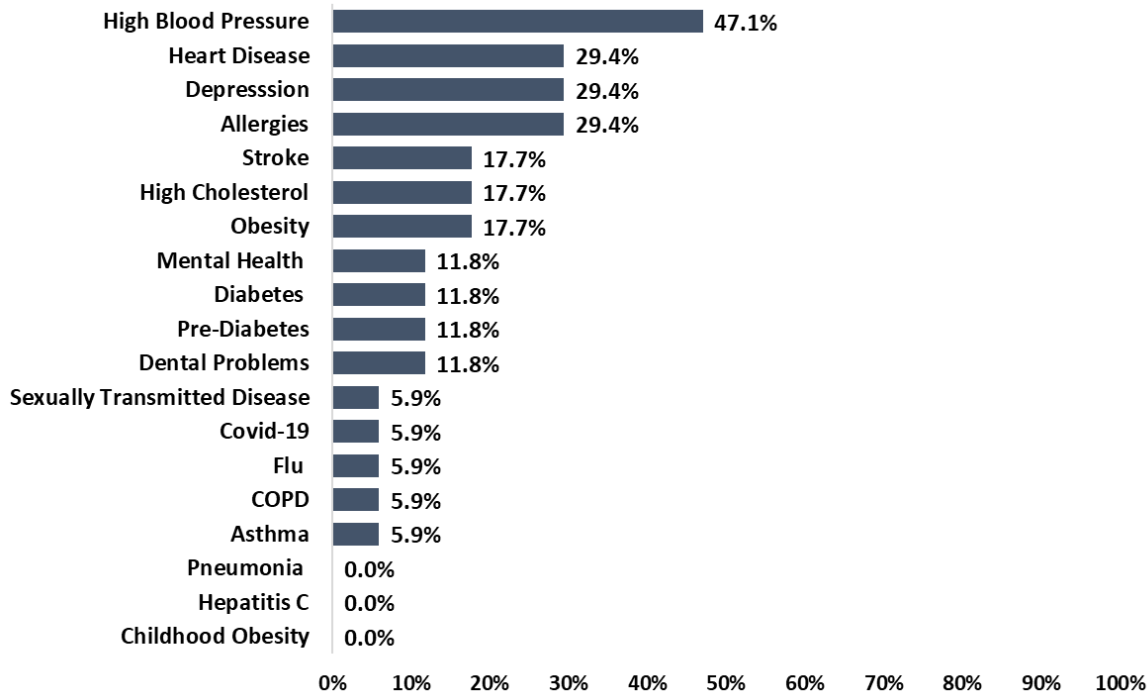
Figure 9: Cattaraugus County Community Intercept Survey, Health Affects (N=119)



Source: Cattaraugus County Community Intercept Survey, 2022

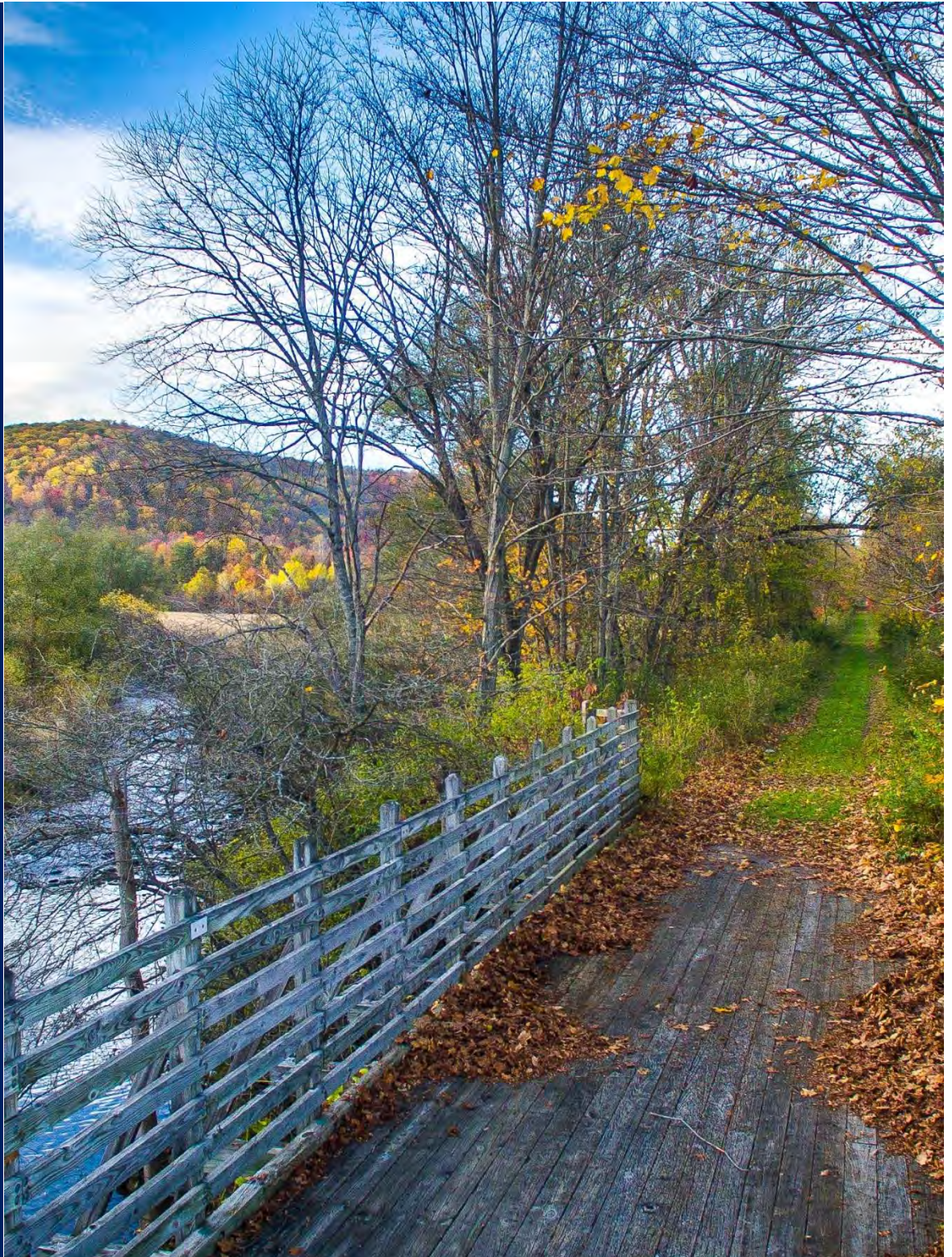
Figure 10 illustrates that McKean County Community Intercept Survey respondents have either themselves or have had a family member been affected by the following health conditions: High Blood Pressure (47.1%), Heart Disease (29.4%), Depression (29.4%) or Allergies (29.4%).

Figure 10: McKean County Community Intercept Survey, Health Affects (N=18)



Source: McKean County Community Intercept Survey, 2022

General Findings: New York Prevention Agenda



GENERAL FINDINGS: NYS PREVENTION AGENDA

The health indicators for this assessment are based on the NYS Prevention Agenda (NYS PA) 2019-2024. This initiative is New York State's health improvement plan, the blueprint for state and local action to improve the health and well-being of all New Yorkers and promote health equity across populations who experience disparities.

As mentioned, the 2019-2024 Prevention Agenda³² includes five priority area action plans that incorporate twenty specific focus areas:

Prevent Chronic Diseases

- Focus Area 1: Healthy Eating and Food Security
- Focus Area 2: Physical Activity
- Focus Area 3: Tobacco
- Focus Area 4: Chronic Disease Preventive Care/Management

Promote a Healthy and Safe Environment

- Focus Area 1: Injuries, Violence and Occupational Health
- Focus Area 2: Outdoor Air Quality
- Focus Area 3: Built and Indoor Environments
- Focus Area 4: Water Quality
- Focus Area 5: Food and Consumer Products

Promote Healthy Women, Infants and Children

- Focus Area 1: Maternal & Women's Health
- Focus Area 2: Perinatal & Infant Health
- Focus Area 3: Child & Adolescent Health
- Focus Area 4: Cross Cutting Healthy Women, Infants & Children

Promote Well-Being and Prevent Mental and Substance Use Disorders

- Focus Area 1: Promote Well-Being
- Focus Area 2: Mental and Substance Use Disorders Prevention

Prevent Communicable Diseases

- Focus Area 1: Vaccine Preventable Diseases
- Focus Area 2: Human Immunodeficiency Virus (HIV)
- Focus Area 3: Sexually Transmitted Infections (STIs)
- Focus Area 4: Hepatitis C Virus (HCV)
- Focus Area 5: Antibiotic Resistance and Healthcare-Associated Infections

General Findings: Health Challenges

A combination of primary (community health survey, intercept survey, stakeholder interviews and focus groups) and secondary [(NYSDOH data (BRFSS), CDC data (BRFSS), NYS prevention needs assessment, NYS County Opioid Quarterly Report and Healthy People 2030)] data were summarized as shown in **Tables 10-19** and presented to the steering committee (see pages 2 and 3 for participants) for discussion. These data provide a snapshot of the key health needs in Cattaraugus and McKean counties across the five priority areas highlighted in the NYS PA. Based on the data, the steering committee chose two priority areas and selected a disparity population, details are discussed in the sections below. Please note, NYS PA and Healthy People 2030 (HP2030) numbers, where indicated, were included primarily as a comparative to county data to show where the county is in relation to the proposed standard.

³² Prevention Agenda 2019-2024: New York State's Health Improvement Plan (ny.gov)

Figure 11 outlines the themes heard in the primary research surrounding NYS PA’s Prevent Chronic Diseases Action Plan in Cattaraugus County and **Figure 12** outlines those for McKean County. An X marks the data source that identified each health need. Among the most identified health needs were obesity, tobacco use, lack of physical exercise, diabetes and hypertension.

Figure 11: Community Needs Related to NYS Prevention Agenda Prevent Chronic Diseases Action Plan, Cattaraugus County

Prevent Chronic Disease					
Need	Secondary Data	Community Survey	Intercept Survey	Stakeholder Interviews	Focus Groups
Diabetes*	X	X		X	X
Lack of Physical Exercise/Access to Exercise*	X	X			X
Childhood Obesity	X				
Overweight/Obesity*	X	X		X	X
Tobacco Use*	X	X		X	X
Hypertension	X	X	X		
Lack of Managing Chronic Conditions	X				
High Cholesterol		X			
Preventative Screenings		X			
Chronic Respiratory Conditions				X	
Cancer					X
Food Insecurity/Access to Food					X
Heart Related Conditions					X
Dental Problems			X		

*Denotes a disparity as identified in the NYS Prevention Agenda Dashboard³³

NOTE: For secondary data, only those indicators showing a need (negative trend, discrepancy vs. WNY, NYS, NYS PA, US or HP 2030) received an X.

Source: Strategy Solutions, Inc., 2022

³³ https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fdashboard%2Fpa_dashboard&p=ch&cos=4

Figure 12: Community Needs Related to NYS Prevention Agenda Prevent Chronic Diseases Action Plan, McKean County

Prevent Chronic Disease					
Need	Secondary Data	Community Survey	Intercept Survey	Stakeholder Interviews	Focus Groups
Overweight/ Obesity	X	X		X	X
Diabetes	X	X		X	X
Lack of Physical Exercise/Access to Exercise	X	X			
Tobacco Use	X	X			X
Heart Related Conditions	X		X	X	
Chronic Respiratory Conditions	X				
Renal Failure	X				
Lyme Disease	X				
Food Insecurity/Access to Food	X			X	X
Hypertension		X	X	X	
High Cholesterol		X			
Preventative Screenings		X			
Cancer				X	

NOTE: For secondary data, only those indicators showing a need (negative trend, discrepancy vs. WNY, NYS, NYS PA, US or HP 2030) received an X.

Source: Strategy Solutions, Inc., 2022

Figure 13 outlines the themes heard in the primary research surrounding NYS PA’s Promote a Healthy and Safe Environment Action Plan in Cattaraugus County and **Figure 14** outlines those for McKean County. An X marks the data source that identified each health need. Top identified health needs include poverty, unemployment, allergies, lack of safe roads and sidewalks.

Figure 13: Community Needs related to NYS Prevention Agenda Promote a Healthy and Safe Environment Action Plan, Cattaraugus County

Promote a Healthy and Safe Environment					
Need	Secondary Data	Community Survey	Intercept Survey	Stakeholder Interviews	Focus Groups
Lack of commuters using alternative methods of transit	X				
Work Related ED Visits*	X				
Population not living in certified Climate Smart community	X				
Registered cooling towers in compliance	X				
Allergies	X		X		
Poverty			X	X	X
Social Isolation				X	
Housing/ Homelessness					X
Jobs/Unemployment			X		X
Asthma			X		

*Denotes a disparity as identified in the NYS Prevention Agenda Dashboard³⁴

NOTE: For secondary data, only those indicators showing a need (negative trend, discrepancy vs. WNY, NYS, NYS PA, US or HP 2030) received an X.

Source: Strategy Solutions, Inc., 2022

³⁴ https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fdashboard%2Fpa_dashboard&p=ch&cos=4

Figure 14: Community Needs related to NYS Prevention Agenda Promote a Healthy and Safe Environment Action Plan, McKean County

Promote a Healthy and Safe Environment					
Need	Secondary Data	Community Survey	Intercept Survey	Stakeholder Interviews	Focus Groups
Asthma	X				
Allergies		X	X		
Lack safe roads and sidewalks		X			X
Domestic Violence				X	X
Poverty			X	X	X
Crime				X	
Housing/ Homelessness					X

NOTE: For secondary data, only those indicators showing a need (negative trend, discrepancy vs. WNY, NYS, NYS PA, US or HP 2030) received an X.

Source: Strategy Solutions, Inc., 2022

Figure 15 outlines the themes heard in the primary research surrounding NYS PA’s Promote Healthy Women, Infants and Children Action Plan in Cattaraugus County and **Figure 16** outlines those for McKean County. An X marks the data source that identified each health need. The needs identified from the most sources include female preventative care and pediatric care.

Figure 15: Community Needs related to NYS Prevention Agenda Promote Healthy Women, Infants and Children Action Plan, Cattaraugus County

Promote Healthy Women, Infants and Children					
Need	Secondary Data	Community Survey	Intercept Survey	Stakeholder Interviews	Focus Groups
Teen Pregnancy	X				
Children Living in Poverty	X				
Maternal Mortality	X				
Adolescent Suicide	X				
Female Preventative Care/Screenings	X	X			
Infant Mortality	X				
Breastfeeding	X				
Babies Born Addicted	X				
Lack of Fluoride in Water	X				
Prenatal/Perinatal Care				X	
Support for Moms/Post Partum Depression					X
Services for Youth					X

NOTE: For secondary data, only those indicators showing a need (negative trend, discrepancy vs. WNY, NYS, NYS PA, US or HP 2030) received an X.

Source: Strategy Solutions, Inc., 2022

Figure 16: Community Needs related to NYS Prevention Agenda Promote Healthy Women, Infants and Children Action Plan, McKean County

Promote Healthy Women, Infants and Children					
Need	Secondary Data	Community Survey	Intercept Survey	Stakeholder Interviews	Focus Groups
Mothers on Assistance	X				
Teen Pregnancy	X				
Mothers Smoking During Pregnancy	X				
Breastfeeding	X				
Children Living in Poverty	X				
Female Preventative Care/Screenings (including OBYN)		X		X	X
Pediatricians/ Pediatric Care				X	X
Child Abuse				X	

NOTE: For secondary data, only those indicators showing a need (negative trend, discrepancy vs. WNY, NYS, NYS PA, US or HP 2030) received an X.

Source: Strategy Solutions, Inc., 2022

Figure 17 outlines the themes heard in the primary research surrounding NYS PA’s Promote Well-Being and Prevent Mental Health and Substance Use Disorders Action Plan in Cattaraugus County and **Figure 18** shows those for McKean County. An X marks the data source that identified each health need. Top needs identified include mental health and substance use.

Figure 17: Community Needs related to NYS Prevention Agenda Promote Well-Being and Preventing Mental Health and Substance Use Disorders Action Plan, Cattaraugus County

Promote Well-Being and Prevent Mental and Substance Use Disorders					
Need	Secondary Data	Community Survey	Intercept Survey	Stakeholder Interviews	Focus Groups
Mental Health Related	X	X	X	X	X
Alcohol Related Driving Deaths	X				
Opportunity Index Score	X				
Community Score	X				
Suicide	X				
Substance Use Related	X		X	X	X
Child Abuse/ Maltreatment	X				
Difficulty with Sleep		X			
Youth Mental Health					X
Prescribing Physicians					X

NOTE: For secondary data, only those indicators showing a need (negative trend, discrepancy vs. WNY, NYS, NYS PA, US or HP 2030) received an X.

Source: Strategy Solutions, Inc., 2022

Figure 18: Community Needs related to NYS Prevention Agenda Promote Well-Being and Preventing Mental Health and Substance Use Disorders Action Plan, McKean County

Promote Well-Being and Prevent Mental and Substance Use Disorders					
Need	Secondary Data	Community Survey	Intercept Survey	Stakeholder Interviews	Focus Groups
Mental Health Related	X	X	X	X	X
Alcohol Related Driving Deaths	X				
Youth Substance Use	X				
Difficulty with sleep		X			
Substance Use Related			X	X	X
Geriatric Psych				X	
Youth Mental Health					X
Dual Diagnosis					X

NOTE: For secondary data, only those indicators showing a need (negative trend, discrepancy vs. WNY, NYS, NYS PA, US or HP 2030) received an X.

Source: Strategy Solutions, Inc., 2022

Figure 19 outlines the themes heard in the primary research surrounding NYS PA’s Prevent Communicable Diseases Action Plan in Cattaraugus County and **Figure 20** are those identified for McKean County. An X marks the data source that identified each health need. Top identified needs include access to immunizations, sexually transmitted diseases and COVID-19.

Figure 19: Community Needs related to NYS Prevention Agenda Prevent Communicable Disease Action Plan, Cattaraugus County

Prevent Communicable Diseases					
Need	Secondary Data	Community Survey	Intercept Survey	Stakeholder Interviews	Focus Groups
Childhood Vaccinations	X				
COVID-19				X	X
Sexually Transmitted Diseases				X	

NOTE: For secondary data, only those indicators showing a need (negative trend, discrepancy vs. WNY, NYS, NYS PA, US or HP 2030) received an X.

Source: Strategy Solutions, Inc., 2022

Figure 20: Community Needs related to NYS Prevention Agenda Prevent Communicable Disease Action Plan, McKean County

Prevent Communicable Diseases					
Need	Secondary Data	Community Survey	Intercept Survey	Stakeholder Interviews	Focus Groups
Pneumonia Vaccine	X				
HIV Testing	X				
COVID-19					X

NOTE: For secondary data, only those indicators showing a need (negative trend, discrepancy vs. WNY, NYS, NYS PA, US or HP 2030) received an X.

Source: Strategy Solutions, Inc., 2022

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

Focus Groups were asked to identify what more could be done in the community to improve the overall health of the community and address the identified needs. Responses included:

Cattaraugus County

- Many of the healthcare issues prevalent in the community could've been prevented or postponed if they had a care system more focused on providing preventative services.
- There is a large need for more staff in public health, healthcare administration, and clinical providers.
- A full service lab could be very helpful compared to the small number of services offered currently.
- Open more clinics.
- Create wellness programs and/or open more gyms.
- Improve the quality of roads and sidewalks.
- Current services are offered far and few between, establishing a care continuum and allowing for more flexibility in scheduling could help expand access.
- One participant mentioned the importance of home care and mobile medicine especially for the older population.
- To help the community as a whole more local business, parks, and other places should be built for the community to get together.

McKean County

- Bring in specialized doctors to increase access and decrease transportation barriers.
- Hospital should look into mental health, preventative care, education, and wellness programs.
- Insurance is a major issue within the state as well as lack of emergency and women's health services.
- The hospital needs to better its communication internally and externally and stakeholders believe there is new leadership needed.
- Doctors need to be trained in health literacy and executives need to create a healthy work environment to retain staff.
- One participant noted the need for eye doctors and a permanent endocrinologist.

Stakeholders interviewed identified the following as what could be done to address gaps and improve the overall health of the community. Key themes identified by stakeholders are noted below.

Cattaraugus County

- Barriers created by rural community (i.e. transportation, access to broadband)
- Need for broad support and funding to support community health
- Need for additional providers/staff at the hospital
- Improved care coordination
- Increase community information related to COVID-19

McKean County

- Expand access (i.e. telemedicine, urgent cares)
- Would like additional bed capacity at BRMC
- Better care coordination and collaboration

Hospital Utilization Data



HOSPITAL UTILIZATION RATES

Cattaraugus County

As seen in **Table 10**, from 2018 through 2021, the most frequent hospital emergency room discharges for ambulatory care sensitive conditions at OGH included: Preventable Conditions of dental conditions and iron deficiency anemia; Acute Conditions of severe ENT infections, kidney/urinary infections, and gastroenteritis; and Chronic Conditions of hypertension, diabetes without other conditions, and COPD.

For the same time period, the most frequent hospital ER and inpatient discharges for mental health for Cattaraugus County, as seen in **Table 11**, included anxiety, depression, nondependent drug abuse and bipolar.

Table 12 shows that from 2018 to 2021, hospital inpatient Diagnosis-Related Group (DRG) conditions for Cattaraugus County increased for pneumonia, cancer and fractures.

The hospital utilization data indicates that chronic diseases such as heart disease, pneumonia, COPD, diabetes and hypertension are recognized problems affecting the community. It also shows that mental health issues such as depression, anxiety, dementia, nondependent drug use and bipolar are largely prevalent in the county. During the COVID-19 pandemic there was a decrease in ER visits for acute conditions as well as mental health conditions.

Table 10: Ambulatory Care Sensitive Conditions – ER Only, Olean General Hospital

Ambulatory Care Sensitive Conditions- ER Only				
Preventable Conditions	2018	2019	2020	2021
Dental Conditions	570	490	448	359
Iron Deficiency Anemia	8	4	10	12
Failure to Thrive	0	1	2	1
Vaccine Preventable Conditions	2	0	0	1
Congenital Syphilis	0	0	0	0
Hemophilus Meningitis ages 1-5	0	0	0	0
Nutritional Deficiencies	0	0	0	0
Acute Conditions	2018	2019	2020	2021
Kidney/Urinary Infections	841	744	586	703
Severe ENT Infections	1036	802	560	453
Gastroenteritis	482	629	330	358
Convulsions	104	108	193	170
Cellulitis	153	139	109	99
Hypoglycemia	92	72	56	38
Pelvic Inflammatory Dis	18	19	8	12
Skin Grafts with Cellulitis- DRG	0	0	0	2
Bacterial Pneumonia	1	0	0	0
Cervical Cancer	0	3	0	0
Dehydration	1	0	1	0
Chronic Conditions	2018	2019	2020	2021
Hypertension	4,206	5,277	5,143	5,933
Diabetes without other conditions	1,772	2,298	2,331	2,343
COPD	1,519	1,687	1,178	1,036
CHF	361	366	269	322
Asthma	231	247	203	175
Diabetes with other conditions	45	91	132	100
Grand Mal and other Epileptic	57	69	40	48
Diabetes with Ketoacidosis	18	25	17	25
Angina	19	13	24	15
Pulmonary Tuberculosis		0	0	1
Tuberculosis- Non Pulmonary	4	0	0	0

Source: OGH, 2022

Table 11: Mental Health Discharges: Emergency Department and Inpatient, Olean General Hospital

Mental Health ICD-9 ICD-10 File								
Code	2018 IN	2018 ER	2019 IN	2019 ER	2020 IN	2020 ER	2021 IN	2021 ER
Depressions	1,572	2,627	1,807	3,065	1,556	3,476	1,470	4,165
Anxiety	1,666	2,639	1,869	3,300	1,416	3,534	1,525	4,940
Bi Polar	317	693	412	523	329	190	280	743
Alcohol Related	432	137	448	142	312	128	280	118
Dementia	365	106	338	135	279	149	302	108
Schizophrenia	223	87	235	113	202	84	245	247
Other Adjustment Reaction	209	230	250	274	191	301	143	617
Nondependent Drug Abuse	241	290	227	871	186	676	177	778
Other Chronic Organic Psych	183	63	166	9	107	44	91	23
Drug Related	65	34	84	63	100	39	74	61
Paranoia Psychosis	112	41	131	46	99	46	95	65
Mental Retardation	75	2	63	9	65	1	60	1
Personality Disorders	108	4	56	5	62	9	76	7
Other Personality Disorders	73	4	51	4	59	1	73	2
Transient Organic Psychotic	62	5	41	3	28	1	10	7
Conduct/Social Disturbances	24	34	38	16	19	27	13	24
Stress Related	42	40	34	35	18	22	35	36
Adjustment Related	24	19	15	18	15	14	5	7
Psychogenic Disorders	0	11	4	9	4	5	1	3
Adjustment Reaction/Other Emotion	49	20	29	34	3	16	2	5
Phobias	5	0	2	1	2	1	1	2
Other Conduct Disturbances NEC	1	29	2	11	2	10	7	2
Manic Disorder	3	0	1	1	1	0	0	0
Sexual Deviations	10	0	6	0	1	1	4	1
Sleep Disorders	0	0	0	1	1	1	1	1
Psychosexual Disorders NEC	1	0	0	0	0	0	0	0
Eating Disorders	6	2	9	3	0	1	2	1
Sensitivity & Withdrawal- Youth	0	0	0	0	0	0	0	0
Other Emotional Disorder- Youth	0	4	0	16	0	9	0	33

Source: OGH, 2022

Table 12: Inpatient Diagnosis-Related Group (DRG) Conditions, Olean General Hospital

DRG File	2018	2019	2020	2021
CHF	226	287	274	214
Pneumonia	233	276	172	178
Behavioral Health	213	216	200	174
COPD	221	228	136	100
Alcohol/ Drug Abuse	42	48	52	35
Cancer	32	13	8	21
Fracture	9	10	8	19
Bronchitis/Asthma<18	5	13	7	2
Hypertension	8	4	6	2
Breast Cancer	2	3	3	1
Bronchitis/Asthma>18	0	0	0	0
Complications Baby	2	0	0	0
Reproductive Disorder	0	0	1	0

Source: OGH 2022

McKean County

As seen in **Table 13**, from 2018 through 2021, the most frequent hospital emergency room discharges for ambulatory care sensitive conditions at BRMC included: Preventable Conditions of dental conditions and iron deficiency anemia; Acute Conditions of severe ENT infections, kidney/urinary infections, convulsions and gastroenteritis; and Chronic Conditions of hypertension, diabetes without other conditions, asthma and COPD.

For the same time period, the most frequent hospital ER and inpatient discharges for mental health for McKean County, as seen in **Table 14**, included anxiety, depression, nondependent drug abuse and bipolar.

Table 15 shows that from 2018 to 2021, hospital inpatient Diagnosis-Related Group (DRG) conditions for McKean increased for fractures and complications baby.

The hospital utilization data indicates that chronic diseases such as heart disease, COPD, diabetes, hypertension and asthma are recognized problems affecting the community. The data also shows that mental health issues such as depression, anxiety, dementia and nondependent drug use are largely prevalent in the county. During the COVID-19 pandemic there was a decrease in ER visits for acute conditions as well as mental health conditions.

Table 13: Ambulatory Care Sensitive Conditions – ER Only, Bradford Regional Medical Center

Ambulatory Care Sensitive Conditions- ER Only				
Preventable Conditions	2018	2019	2020	2021
Dental Conditions	602	509	352	419
Iron Deficiency Anemia	9	9	3	8
Vaccine Preventable Conditions	6	4	3	5
Failure to Thrive	1	1	0	1
Congenital Syphilis	0	0	0	0
Hemophilus Meningitis ages 1-5	0	0	0	0
Nutritional Deficiencies	0	0	0	0
Acute Conditions	2018	2019	2020	2021
Severe ENT Infections	875	948	526	587
Kidney/Urinary Infections	416	450	298	379
Convulsions	437	176	372	212
Gastroenteritis	195	208	115	122
Cellulitis	113	91	87	89
Hypoglycemia	9	21	3	16
Dehydration	0	2	1	1
Pelvic Inflammatory Dis	11	3	1	1
Bacterial Pneumonia	1	0	0	0
Cervical Cancer	1	3	0	0
Skin Grafts with Cellulitis- DRG	0	0	0	0
Chronic Conditions	2018	2019	2020	2021
Hypertension	2,600	1,279	2,313	2,876
Diabetes without other conditions	999	638	1,028	1,069
COPD	1158	729	912	833
Asthma	1,721	578	1,325	655
CHF	307	196	293	297
Diabetes with other conditions	90	107	81	66
Grand Mal and other Epileptic	7	22	9	31
Angina	16	17	13	14
Diabetes with Ketoacidosis	11	19	5	10
Tuberculosis- Non Pulmonary	0	0	0	1
Pulmonary Tuberculosis	0	0	0	0

Source: BRMC, 2022

Table 14: Mental Health Discharges: Emergency Department and Inpatient, Bradford Regional Medical Center

Mental Health ICD-9 ICD-10 File								
Code	2018 IN	2018 ER	2019 IN	2019 ER	2020 IN	2020 ER	2021 IN	2021 ER
Depressions	712	662	616	239	884	1,797	549	1,511
Anxiety	639	1,305	538	522	829	2,445	555	1,968
Alcohol Related	298	61	242	69	275	81	210	90
Nondependent Drug Abuse	278	290	341	871	251	676	142	778
Other Adjustment Reaction	156	14	203	23	199	15	170	31
Bi Polar	176	714	149	222	195	641	173	240
Personality Disorders	95	1,601	151	529	174	51	126	0
Drug Related	40	134	80	53	171	98	191	67
Schizophrenia	152	187	124	86	144	155	128	92
Dementia	128	65	122	57	112	70	71	50
Paranoia Psychosis	90	1,703	88	563	97	141	81	56
Other Personality Disorders	73	3	51	8	59	1	73	3
Other Chronic Organic Psych	70	61	56	23	45	38	17	20
Mental Retardation	46	14	35	31	41	26	17	8
Conduct/Social Disturbances	61	18	23	22	36	14	22	21
Adjustment Related	5	5	7	2	21	2	19	2
Stress Related	17	15	11	27	16	13	15	23
Transient Organic Psychotic	11	4	7	2	8	2	2	4
Eating Disorders	9	5	7	4	8	1	7	4
Phobias	2	0	5	1	6	1	6	0
Adjustment Reaction/Other Emotion	49	20	29	34	3	16	2	5
Other Conduct Disturbances NEC	3	46	3	47	2	45	5	31
Manic Disorder	0	1	1	0	1	0	0	0
Other Emotional Disorder- Youth	0	11	0	4	1	3	0	5
Sexual Deviations	0	0	1	1	0	1	0	0
Psychosexual Disorders NEC	0	0	0	1	0	1	0	0
Psychogenic Disorders	0	19	4	12	0	8	2	1
Sleep Disorders	0	1	0	0	0	0	1	1
Sensitivity & Withdrawal- Youth	0	0	0	1	0	0	0	0

Source: BRMC, 2022

Table 15: Inpatient Diagnosis-Related Group (DRG) Conditions, Bradford Regional Medical Center

DRG File	2018	2019	2020	2021
Behavioral Health	213	195	209	130
Alcohol/ Drug Abuse	125	105	105	87
Cancer	77	46	79	42
COPD	167	153	77	40
Pneumonia	109	96	74	33
CHF	123	90	92	30
Fracture	8	14	2	5
Bronchitis/Asthma<18	22	19	3	4
Complications Baby	16	1	0	3
Hypertension	10	8	5	2
Reproductive Disorder	1	1	5	1
Bronchitis/Asthma>18	4	1	2	0
Breast Cancer	1	2	0	0

Source: BRMC, 2022

Prevent Chronic Diseases



PREVENT CHRONIC DISEASES

When looking at chronic diseases from the 2019 CHA to the 2022 CHA, several indicators have worsened in recent years or when compared to New York State. These indicators include:

- Obesity rates are higher than NYS³⁵
- Leisure time physical activity has decreased in recent years and is lower in comparison to NYS³⁶
- Lung cancer is the leading cause of cancer deaths in men and women³⁷
- Percent of adult smokers is almost twice as high as NYS³⁸
- Leading causes of death that are higher than NYS are heart disease, cancer, chronic lower respiratory diseases, unintentional injury and diabetes³⁹
- Hospital ER discharges with a primary diagnosis of Congestive Heart Failure (CHF), diabetes and hypertension have increased⁴⁰
- Hospital inpatient discharges with a primary diagnosis of cancer have increased⁴¹

When looking at chronic diseases from the 2018 CHNA to the 2022 CHA, several indicators have worsened in recent years or when compared to Pennsylvania. These indicators include:

- Obesity rates are higher than Pennsylvania⁴²
- Leisure time physical activity is lower in comparison to Pennsylvania⁴³
- Lung cancer is the leading cause of cancer deaths in men and women⁴⁴
- Percent of adult smokers is higher compared to Pennsylvania⁴⁵
- Leading causes of death that are higher than Pennsylvania are heart disease, cancer, chronic lower respiratory diseases and cerebrovascular disease⁴⁶
- Hospital ER discharges with a primary diagnosis of CHF, diabetes and hypertension have increased⁴⁷

Chronic diseases such as cancer, diabetes, heart disease, stroke, asthma and arthritis are among the leading causes of death, disability and rising health care costs in New York State (NYS). However, chronic diseases are also among the most preventable. Three modifiable risk behaviors - unhealthy eating, lack of physical activity, and tobacco use - are largely responsible for the incidence, severity and adverse outcomes of chronic disease. In 2018, 28.1% of adults in Cattaraugus County report that they do not eat fruits and vegetables compared to 25.8% in NYS excluding NYC and 24.6% in NYS. In 2022, 14.0% of residents in McKean County are food insecure compared to 11.0% for Pennsylvania. In 2018, fewer adults report leisure time physical activity in Cattaraugus County (68.6%) compared to NYS excluding NYC (77.6%) and NYS (74.3%). When looking at Pennsylvania BRFSS data for the combined counties of Forest, Elk, Cameron,

³⁵ Source: NYS State Department of Health BRFSS, 2018

³⁶ Ibid.

³⁷ Source: NYS Department of Health Cancer Registry

³⁸ Source: NYS State Department of Health BRFSS, 2018

³⁹ Source: www.health.ny.gov/statistics/leadingcauses_death/pm_deaths_by_county.htm

⁴⁰ Hospital Utilization Data, OGH, 2022

⁴¹ Ibid.

⁴² County Health Rankings and Roadmaps, 2022

⁴³ Pennsylvania, BRFSS, 2019

⁴⁴ <https://www.health.pa.gov/topics/HealthStatistics/VitalStatistics/CountyHealthProfiles/Documents/current/mckean.aspx>

⁴⁵ County Health Rankings and Roadmaps, 2022

⁴⁶ <https://www.health.pa.gov/topics/HealthStatistics/VitalStatistics/CountyHealthProfiles/Documents/current/lycoming.aspx>

⁴⁷ Hospital Utilization Data, BRMC, 2022

Clearfield, Jefferson, Clarion, McKean and Warren a higher percentage report no leisure time physical activity (28.0%) in comparison to the state (25.0%) and nation (26.4%).

As such, improving nutrition and food security, increasing physical activity, and preventing tobacco use form the core of the Preventing Chronic Diseases Action Plan. The plan also emphasizes the importance of preventive care and management for chronic diseases, such as screening for cancer, diabetes, and high blood pressure; promoting evidence-based chronic disease management; and improving self-management skills for individuals with chronic diseases.⁴⁸

Focus Area 1: Healthy Eating and Food Security

According to the World Health Organization a healthy diet is essential for good health and nutrition. It protects you against many chronic noncommunicable diseases, such as heart disease, diabetes and cancer. Eating a variety of foods and consuming less salt, sugars and saturated and industrially-produced trans-fats, are essential for healthy diet.

A healthy diet comprises a combination of different foods. These include:

- Staples like cereals (wheat, barley, rye, or rice) or starchy tubers or roots (potato, yam, taro or cassava).
- Legumes (lentils and beans).
- Fruit and vegetables.
- Foods from animal sources (meat, fish, eggs and milk)⁴⁹.

Food insecurity is defined as a household-level economic and social condition of limited or uncertain access to adequate food. Adults who are food insecure may be at an increased risk for a variety of negative health outcomes and health disparities. For example, a study found that food-insecure adults may be at an increased risk for obesity. Another study found higher rates of chronic disease in low-income, food-insecure adults between the ages of 18 years and 65 years. Food-insecure children may also be at an increased risk for a variety of negative health outcomes, including obesity. They also face a higher risk of developmental problems compared with food-secure children. In addition, reduced frequency, quality, variety, and quantity of consumed foods may have a negative effect on children’s mental health⁵⁰.

According to the results of the 2018 BRFSS report that is outlined in **Table 16**, 30.5% of the adult survey participants in Cattaraugus County indicated that they consume sugar-sweetened beverages, which was a slight decline from 2014 (31.3%) and 2016 (31.1%). In 2018, a higher percentage of respondents in Cattaraugus County consumed sugar sweet beverages (30.5%) compared to NYS excluding NYC (23.7%) and NYS (23.7%). In 2018, a smaller percentage of adults in Cattaraugus County report that they ate no fruits or vegetables (28.1%) when compared to 2016 (32.2%). In 2018, a higher percentage in the county also report not consuming fruits or vegetables (28.1%) in comparison to NYS excluding NYC (25.8%) and NYS (24.6%).

Table 16: Eating Behaviors, Cattaraugus County

	Cattaraugus			NYS (<NYC)			NYS		
	2014	2016	2018	2014	2016	2018	2014	2016	2018
Sugar-Sweetened Beverages	31.3%	31.1%	30.5%	23.3%	23.3%	23.7%	23.8%	23.2%	23.7%
No Fruits or Vegetables		32.2%	28.1%		28.7%	25.8%		31.2%	24.6%

⁴⁸ https://www.health.ny.gov/prevention/prevention_agenda/2019-2024/chr.htm

⁴⁹ <https://www.who.int/initiatives/behealthy/healthy-diet#:~:text=A%20healthy%20diet%20is%20essential,are%20essential%20for%20healthy%20diet.>

⁵⁰ <https://health.gov/healthypeople/priority-areas/social-determinants-health/literature-summaries/food-insecurity>

Source: NYS State Department of Health BRFSS, 2018

County Health Rankings and Roadmaps looks at a food environment index which is an index of factors that contribute to a healthy food environment, from 0 (worst) to 10 (best), outlined in **Table 17**. McKean County scores just below the state on the food environment index, although it is on the better end of the index. A slightly higher percentage of the population is considered food insecure in comparison to the state with little variation over the past 4 years.

Table 17: Eating Behaviors, McKean County

	McKean				Pennsylvania			
	2019	2020	2021	2022	2019	2020	2021	2022
Food Insecurity	14.0%	13.0%	13.0%	14.0%	13.0%	12.0%	11.0%	11.0%
Food Environment Index	8.2	8.1	8.2	8.1	8.2	8.2	8.4	8.4

Source: <https://www.countyhealthrankings.org/explore-health-rankings/pennsylvania/mckean?year=2022>

It is important to note that the community health survey was conducted using a viral marketing strategy and is not representative of the counties. **Table 18** highlights responses to the 2021 Community Health Survey question, “During the past month, not counting juice, how many times per day, week, or month did you eat fruit (count fresh, frozen or canned fruit)?” The table displays the percentage who report eating fruit daily. The majority of respondents who answered this question report consuming fruit daily.

Table 18: Consume Fruit Daily

	Cattaraugus County N=452		McKean County N=323	
	Number	Percent	Number	Percent
Consume Fruit Daily	425	94.0%	299	92.6%
Do Not Consume Fruit Daily	27	6.0%	24	7.4%

Source: Cattaraugus and McKean County Community Health Survey, 2022

It is important to note that the community health survey was conducted using a viral marketing strategy and is not representative of the counties. **Table 19** highlights responses to the 2021 Community Health Survey question, “During the past month, how many times per day, week, or month did you eat dark green vegetables (for example broccoli or leafy greens including romaine, chard, collard greens, or spinach)?” The table displays the percentage who report eating vegetables daily. The majority of respondents who answered this question report consuming vegetables daily.

Table 19: Number of Times per Month Ate Green Vegetables

	Cattaraugus County N=399		McKean County N=274	
	Number	Percent	Number	Percent
Consume Vegetables Daily	375	94.0%	263	96.0%
Do Not Consume Vegetables Daily	24	6.0%	11	4.0%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Healthy eating and food security resources available in Cattaraugus and McKean counties can be found in Appendix F.

Focus Area 2: Physical Activity

Regular physical activity is one of the most important things you can do for your health. Being physically active can improve your brain health, help manage weight, reduce the risk of disease, strengthen bones and muscles, and improve your ability to do everyday activities⁵¹. According to the Global Health and Fitness Association (IHRSA), nationwide 25% of all health and fitness facilities closed during the pandemic⁵² which could be part of the reason for the decrease in access to exercise in both counties. They also report that during the shut-down, people indicated they were 50% less active⁵³.

Access to exercise opportunities (**Tables 20 and 21**) describes the proportion of individuals in Cattaraugus and McKean counties who live reasonably close to a location of physical activity. These locations are defined as parks, recreational facilities, the local YMCA, community centers, and walking trails. According to the County Health Rankings (2022), only 50.0% of Cattaraugus County residents have access to exercise opportunities, this is lower than NYS, which is 88.0%. A slightly higher percentage of residents in McKean County have access to exercise opportunities (79.0%) when compared to Pennsylvania (78.0%).

Physical activity is directly related to the prevalence of obesity, diabetes, and heart disease. According to the 2022 County Health Rankings and Roadmaps (See **Table 20 and 21**) almost a third of the population in Cattaraugus County (31.0%) report physical inactivity which is higher compared to the state (27.0%). McKean County (29.0%) also had a higher percentage report physical inactivity when compared to the state (25.0%).

Table 20: County Health Rankings Physical Activity Indicators, Cattaraugus County

County Health Rankings	Cattaraugus County									NYS 2022
	2014	2015	2016	2017	2018	2019	2020	2021	2022	Rate
Access to Exercise	49.9%	63.6%	62.5%	62.5%	64.7%	63.0%	63.0%	63.0%	50.0%	88.0%
Physical Inactivity	28.3%	28.9%	27.9%	26.3%	28.8%	26.0%	27.0%	29.0%	31.0%	27.0%

Source: <https://www.countyhealthrankings.org/explore-health-rankings/new-york/cattaraugus?year=2022>⁵⁴

Table 21: County Health Rankings Physical Activity Indicators, McKean County

County Health Rankings	McKean County									Pennsylvania 2022
	2014	2015	2016	2017	2018	2019	2020	2021	2022	Rate
Access to Exercise	23.0%	62.0%	68.0%	73.0%	73.0%	59.0%	81.0%	81.0%	79.0%	78.0%
Physical Inactivity	29.0%	30.0%	27.0%	26.0%	23.0%	25.0%	24.0%	27.0%	29.0%	25.0%

Source: <https://www.countyhealthrankings.org/explore-health-rankings/pennsylvania/mckean?year=2022>

⁵¹ <https://www.cdc.gov/physicalactivity/basics/pa-health/index.htm#:~:text=Regular%20physical%20activity%20is%20one,ability%20to%20do%20everyday%20activities.>

⁵² <https://www.ihrsa.org/improve-your-club/industry-news/how-many-health-clubs-gyms-and-studios-closed-in-2021/>

⁵³ <https://www.ihrsa.org/improve-your-club/fitness-industry-still-feels-covids-negative-impact/>

⁵⁴ Data reported each year for County Health Rankings is data from prior years. For example 2022 County Health Rankings data are from 2019, 2021 data are from 2018 and so on

Table 22 shows the responses to the 2022 Community Health Survey question, “During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, aerobics, golf, gardening, or walking for exercise?” Almost one third of respondents in Cattaraugus (29.9%) and McKean (30.6%) counties do not participate in any physical activities or exercise outside of their normal job.

Table 22: Physical Activity Other Than Regular Job, Past Month

During the past month, other than your regular job, did you participate in any physical activities or exercises?				
	Cattaraugus County (N=852)		McKean County (N=732)	
	Number	Percent	Number	Percent
Yes	579	68.0%	504	68.9%
No	269	31.6%	224	30.6%
Don't Know	4	0.5%	4	0.4%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Table 23 illustrates the responses to the 2022 Community Health Survey question, “How often do you participate in physical activity or exercise?” A little over one in three respondents said that they exercise 2-4 times per week for at least 30 minutes per day in both Cattaraugus and McKean counties.

Table 23: Frequency Participating in Physical Activity

How often do you participate in physical activity or exercise?				
	Cattaraugus County (N=833)		McKean County (N=720)	
	Number	Percent	Number	Percent
5-7 times per week for at least 30 minutes each time	145	17.0%	119	16.3%
2-4 times per week for at least 30 minutes each time	283	33.3%	235	32.1%
0-1 times per week for at least 30 minutes each time	138	16.2%	105	14.3%
I don't exercise regularly, but try to add physical activity when possible	150	17.6%	147	20.1%
No physical activity or exercise beyond regular daily activities	117	13.7%	114	15.6%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Table 24 shows the responses to the 2022 Community Health Survey question, “Which, if any, of the following would help you become more active?” A little under a third of the respondents in both counties said that discounts for exercise programs or gym memberships would help them become more physically active.

Table 24: Help to Become More Physically Active

What would help you become more physically active?		
	Cattaraugus County	McKean County
	Percent	Percent
Discounts for exercise programs or gym memberships	31.6%	32.4%
Safe place to walk or exercise	25.4%	25.8%
A friend to exercise with	21.0%	24.0%
Not applicable I am physically active	20.6%	20.7%
Walking or exercise groups	18.1%	18.0%
Activities you can do with your children	17.7%	13.2%
Individual instruction/personal trainer	16.7%	16.5%
Information about exercise programs or gym memberships	15.1%	13.3%
Workshops for classes about exercise	12.3%	12.5%
Low cost sneakers, sweat suits or other equipment	10.3%	7.1%
Transportation to a park	3.9%	3.3%

Source: Cattaraugus and McKean County Community Health Survey, 2022

NOTE: N size not listed as it varied by response option

Due to the increasing prevalence and associated diseases, obesity has become a contributing health problem in Cattaraugus County. According to the CDC, nationwide the prevalence of obesity continues to increase, with 41.9% of adults considered obese in 2020. Obesity related conditions include heart disease, stroke, type 2 diabetes and certain types of cancer. These are among the leading causes of preventable, premature death⁵⁵. The CDC also reports that active people generally live longer and are at less risk for serious health problems like heart disease, type 2 diabetes, obesity, and some cancers. Both counties report higher rates of obesity in comparison to the respective states as well as lower percentages of physical activity. This suggests that to reduce obesity and overall health residents need to become more active⁵⁶. There is an opportunity to develop target programs to get the community active as well as opportunities for employers to focus on employee wellness.

According to the 2018 BRFSS report, and outlined in **Table 25**, the percentage of obese adults⁵⁷ in Cattaraugus County is 38.2%, which is higher than that of NYS excluding NYC (29.1%), and NYS which is 25.6%. The percentage has increased since 2014 (33.6%). In addition, the number of adults living with a disability⁵⁸ who are obese is higher in Cattaraugus County (47.4%) compared to NYS (33.8%). The percentage of adults with leisure time physical activity has decreased in Cattaraugus County from 76.0% in 2014 to 68.6% in 2018, which is lower than NYS (74.3%).

⁵⁵ <https://www.cdc.gov/obesity/data/adult.html>

⁵⁶ <https://www.cdc.gov/physicalactivity/about-physical-activity/index.html>

⁵⁷ Obesity is defined as a Body Mass Index (BMI) ≥ 30

⁵⁸ Disability - Limited activities (physical, mental, or emotional problems); need of special equipment (e.g. cane, wheelchair)

Table 25: Obesity and Physical Activity Behavioral Risk Factors, Cattaraugus County

	Cattaraugus			NYS (<NYC)			NYS		
	2014	2016	2018	2014	2016	2018	2014	2016	2018
Obesity	33.6%	38.6%	38.2%	27.0%	27.4%	29.1%	24.9%	25.5%	25.6%
Obesity Low Income	39.9%	44.7%	33.8%	27.0%	32.9%	34.4%	24.9%	30.5%	29.4%
Obesity Disability/Limited Activities	47.2%	45.3%	47.4%	37.7%	39.6%	39.1%	36.9%	38.1%	33.8%
Leisure Time Physical Activity	76.0%	74.4%	68.6%	73.7%	74.6%	77.6%	72.8%	73.7%	74.3%

Source: NYS State Department of Health BRFSS, 2018⁵⁹

Due to the increasing prevalence and associated diseases, obesity has become a contributing health problem in McKean County. According to the 2022 County Health Rankings report, and outlined in **Table 26**, the percentage of obese adults in McKean County is 36%, which is higher than that of Pennsylvania, which is 33%. The percentage increased from 2020 (34%) but remained steady from 2021 to 2022. In addition, the number of poor physical health days reported by adults has remained the same in McKean County in 2021 and 2022 at 4.5 days, which was higher compared to the state (3.9 in 2022).

Table 26: Obesity and Physical Activity Behavioral Risk Factors, McKean County

	McKean			Pennsylvania		
	2020	2021	2022	2020	2021	2022
Adult Obesity	34%	36%	36%	30%	31%	33%
Poor Physical Health Days	4.4	4.5	4.5	4.2	4.0	3.9

Source: <https://www.countyhealthrankings.org/explore-health-rankings/pennsylvania/mckean?year=2022>

Table 27 outlines the Pennsylvania BRFSS data for the combined counties of Forest, Elk, Cameron, Clearfield, Jefferson, Clarion, McKean and Warren where a higher percentage report no leisure time physical activity (28.0%) in comparison to the state (25.0%) and nation (26.4%).

Table 27: No Leisure Time Activity, McKean County

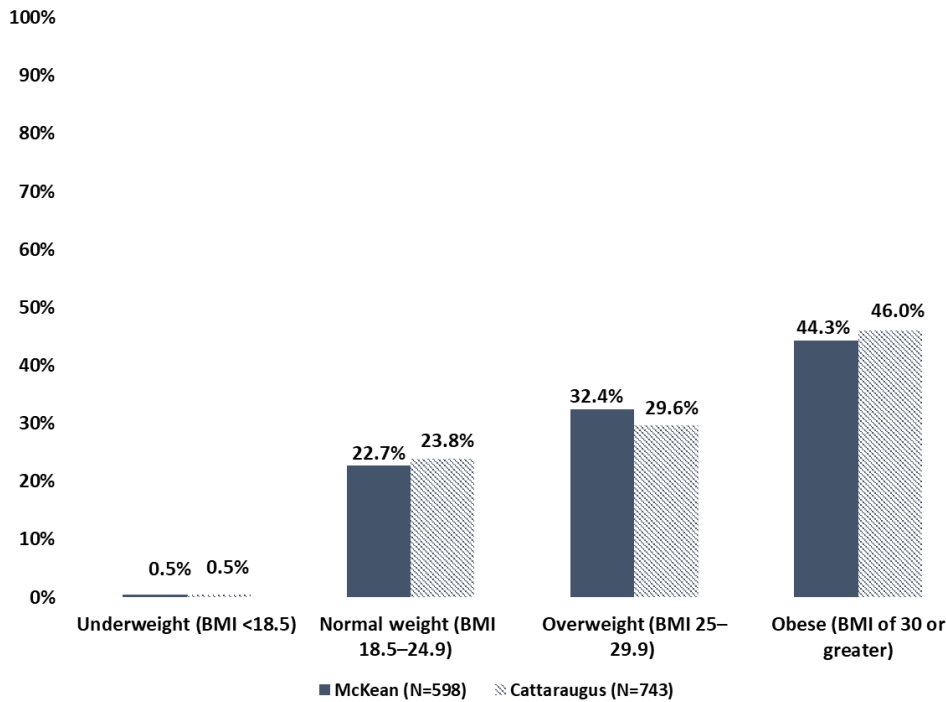
	Forest, Elk, Cameron, Clearfield, Jefferson, Clarion, McKean, and Warren					Pennsylvania	US
	2013-2015	2014-2016	2015-2017	2016-2018	2017-2019	2019	2019
No Leisure Time Physical Activity	29.0%	30.0%	31.0%	29.0%	28.0%	25.0%	26.4%

Source: Pennsylvania Department of Health, BRFSS

⁵⁹ <https://www.health.ny.gov/statistics/brfss/>

Figure 21 below shows the breakdown of underweight, overweight and obese based on the Community Health Survey questions of “About how much do you weigh without shoes?” and “About how tall you are without shoes?”. Based on the calculation of Body Mass Index (BMI) using these two questions, almost half of the survey respondents are obese.

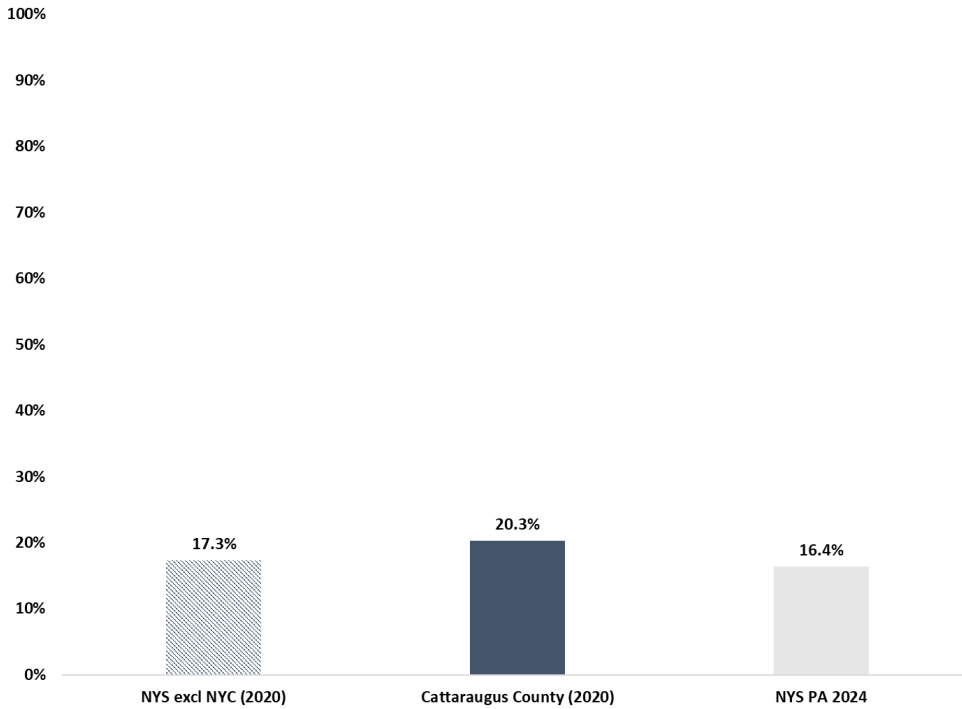
Figure 21: Community Health Survey Respondent Body Mass Index (BMI)



Source: Cattaraugus and McKean County Community Health Survey, 2022

Figure 22 illustrates that the percentage of children that are obese in the county (20.3%) is higher than the the NYS rate excluding NYC (17.3%) and the NYS PA rate (16.4%).

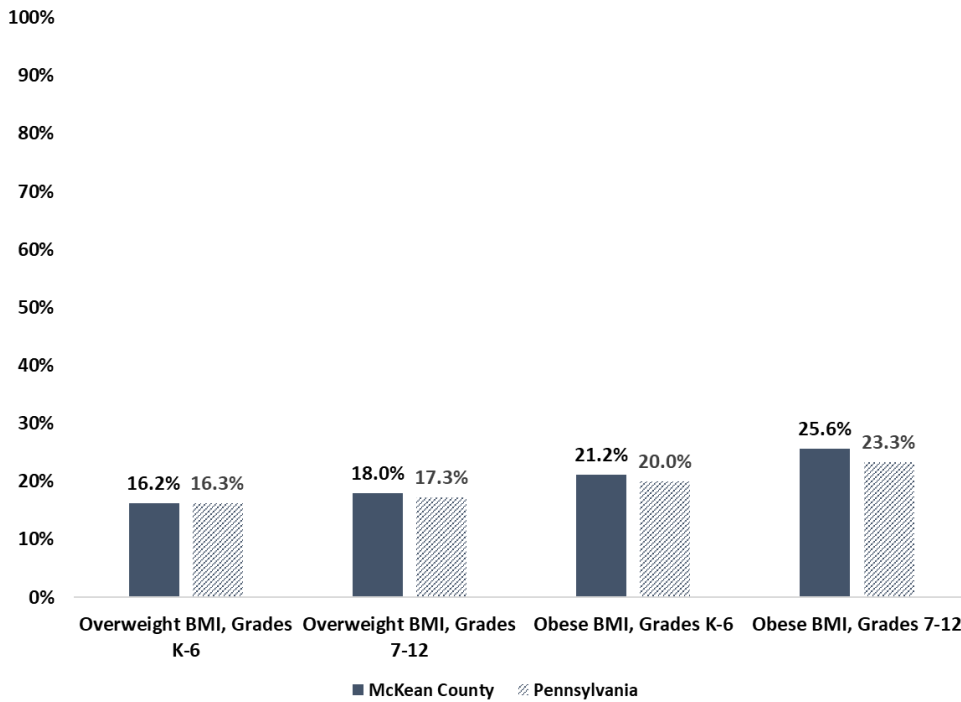
Figure 22: Obese Children and Adolescents, Cattaraugus County



Source: NYS Department of Health Prevention Agenda (NYS PA)

Figure 23 illustrates that the percentage of children that are obese or overweight in grades K-12 is higher in the county when compared to the state with the exception of overweight students grades K-6.

Figure 23: Obese Children and Adolescents, McKean County, 2018



Source: Pennsylvania Department of Health, Enterprise Data Dissemination Informatics Exchange (EDDIE)⁶⁰

Physical activity resources available in Cattaraugus and McKean counties can be found in Appendix F.

⁶⁰ <https://www.health.pa.gov/topics/HealthStatistics/EDDIE/Pages/EDDIE.aspx>

Focus Area 3: Tobacco Prevention

Tobacco use is a leading cause of preventable death. Cigarette smoking harms nearly every organ of the body, causes many diseases, and reduces the health of smokers in general. Smoking prevalence remains higher in both Cattaraugus and McKean counties in comparison to their respective states.

Table 28 outlines the prevalence of smoking in Cattaraugus County which exceeds that of NYS. According to the results of the 2018 BRFSS, 20.7% of the adult survey participants indicated that they smoked cigarettes compared to 12.8% of adults in NYS. The percentage of adults who report smoking in Cattaraugus County has decreased since 2014 (28.4%) as has the state (15.6%). A higher percentage of low income respondents reported smoking (38.4%) as did those with a disability (37.8%). The significant gap between the adult smoking rate in Cattaraugus County compared to NYS is directly attributable to the ability of NYS, and NYS counties imposition of an excise tax on tobacco products. This significantly raises the price on tobacco products and thus decreases sales of these products. However, in Cattaraugus County inexpensive cigarettes are readily available at Native American retail tobacco outlets on the Allegany and Cattaraugus Territories and are sold at 1/3 the current retail cost compared to other NYS counties. This difference in price is a direct cause of the difference in adult smoking rates seen in Cattaraugus County and NYS overall.

Table 28: Smoking Prevalence, Cattaraugus County

	Cattaraugus			NYS (<NYC)			NYS		
	2014	2016	2018	2014	2016	2018	2014	2016	2018
Current Smoking	28.4%	26.7%	20.7%	17.3%	16.2%	13.9%	15.6%	14.2%	12.8%
Current Smoking Low Income	51.6%	37.4%	38.4%	27.9%	25.3%		23.6%	19.8%	20.4%
Current Smoking Disability	N/A	39.4%	37.8%	N/A	23.4%		N/A	20.1%	

Source: NYS State Department of Health BRFSS, 2018

The American Lung Association in Pennsylvania created a Tobacco Prevention and Control Program that focuses on prevention and cessation activities. The state is committed to enhancing its role as a nationally recognized leader in tobacco control programs and policies⁶¹. Additionally, as of July 2020, the legal age to purchase cigarettes in the state of Pennsylvania increased to age 21. The change in legal age to purchase cigarettes and the states targeted efforts at reducing smoking prevalence may have contributed to the reduction in the percentage of adults who currently smoke in McKean County and Pennsylvania as a whole.

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<https://www.health.pa.gov/topics/Documents/Programs/Tobacco/PA%20Tobacco%20Prevention%20and%20Control%20Strategic%20Plan%202018%20-%202022.pdf>

Table 29 shows smoking prevalence in McKean County and Pennsylvania. The percentage of adults who report smoking decreased in both McKean County (31.0% to 24.0%) and the state (35.0% to 18.0%) between 2021 and 2022, with the county having a higher prevalence compared to the state.

Table 29: Smoking Prevalence, McKean County

	McKean			Pennsylvania		
	2020	2021	2022	2020	2021	2022
Current Smoking	19.0%	31.0%	24.0%	20.0%	35.0%	18.0%

Source: <https://www.countyhealthrankings.org/explore-health-rankings/pennsylvania/mckean?year=2022>

Table 30 highlights responses to the 2022 Community Health Survey question, “Do you currently smoke?” Most respondents said that they do not currently smoke.

Table 30: Currently Smoke

Do you currently smoke?				
	Cattaraugus County N=820		McKean County N=687	
	Number	Percent	Number	Percent
Yes	68	8.3%	82	11.9%
No	752	91.2%	605	88.1%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Table 31 highlights responses to the 2022 Community Health Survey question, “Do you currently use chewing tobacco, snuff, or snus every day, some days, or not at all?” Almost all of the respondents said that they do not currently use tobacco, snuff, or snus.

Table 31: Currently Chew Tobacco, Snuff or Snus

Do you currently use Chew, Tobacco, Snuff, Snus?				
	Cattaraugus County N=818		McKean County N=687	
	Number	Percent	Number	Percent
Every day	16	2.0%	21	3.1%
Some days	7	0.9%	10	1.5%
Not at all	795	97.2%	656	95.5%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Smoking is one cause of type 2 diabetes. In fact, people who smoke cigarettes are 30%–40% more likely to develop type 2 diabetes than people who don’t smoke⁶². The nicotine in cigarette smoke raises your blood pressure and heart rate, with smokers more likely to have high blood pressure⁶³.

Table 32 outlines that female (97.7% Cattaraugus County and 97.3% McKean County) respondents to the Community Health Survey are more likely than males (93.5% Cattaraugus County and 88.7% McKean County) not to smoke at all. Almost double the percentage of males had high blood pressure in both counties when compared to females. Males in McKean County (16.0%) were more likely to be told they had diabetes compared to female respondents (10.3%).

Table 32: Behavioral Risks by Gender

Behavior Risks by Gender				
Answer Yes:	Cattaraugus County		McKean County	
	Male (N=154)	Female (N=530)	Male (N=106)	Female (N=445)
Smoke Every Day	5.2%	1.1%	9.4%	2.0%
Smoke Not at All	93.5%	97.7%	88.7%	97.3%
High Blood Pressure	41.6%	28.5%	57.5%	33.3%
Diabetes	8.4%	8.7%	16.0%	10.3%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Tobacco use is a risk factor for cancer, heart disease, chronic lower respiratory disease and stroke. The high rate of adult smokers in Cattaraugus County can be associated with the aforementioned chronic diseases.

Tobacco prevention resources available in Cattaraugus and McKean counties can be found in Appendix F.

Focus Area 4: Chronic Disease Preventive Care and Management

Cancer

As seen in **Table 33** below, cancer is the second leading cause of death in Cattaraugus County with 150.2 age adjusted deaths per 100,000, compared to 143.1 per 100,000 for NYS. This is down from 165.9 age-adjusted deaths per 100,000 from the previous period.⁶⁴

Table 33: Leading Causes of Death 2019, Cattaraugus County

Leading Cause of Death	Cattaraugus County		New York State (excluding NYC)	
	# Cases	Age adjusted rate per 100,000	# Cases	Age adjusted rate per 100,000
Heart Disease	223	205.3	25,602	161.3
Cancer	168	150.2	21,782	143.1

⁶² <https://www.cdc.gov/tobacco/campaign/tips/diseases/diabetes.html>

⁶³ <https://www.webmd.com/hypertension-high-blood-pressure/guide/smoking-kicking-habit>

⁶⁴ https://apps.health.ny.gov/public/tabvis/PHIG_Public/lcd/reports/#county

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Leading Cause of Death	Cattaraugus County		New York State (excluding NYC)	
	# Cases	Age adjusted rate per 100,000	# Cases	Age adjusted rate per 100,000
Chronic Lower Respiratory Diseases	59	52.9	5,255	33.7
Unintentional Injury	37	49.3	4,832	39.6
Diabetes	37	35.4	2,645	17.3

Source: www.health.ny.gov/statistics/leadingcauses_death/pm_deaths_by_county.htm

When looking at cancer deaths overall in Cattaraugus County, as outlined in **Table 34**, lung cancer is the leading cause of cancer deaths in both men and women. Breast cancer is the second leading cause of cancer deaths in women followed by colorectal cancer. In men, colorectal cancer is the second leading cause of cancer deaths followed by pancreatic cancer. CDC reports that smoking is one of the leading risk factors for acquiring lung cancer and has been associated as a risk factor for breast, colorectal and pancreatic cancers as well⁶⁵. Based on this information and the previous reports, Cattaraugus County’s high rate of cancer deaths can be correlated to the county’s high rate of adult smokers reported.

Table 34: Cancer Incidence and Mortality 2014-2018, Cattaraugus County (Age Adjusted Data)

Site of Cancer	Incidence (2014-2018)						Mortality (2014-2018)					
	Males and Females		Males		Females		Males and Females		Males		Females	
	Average Annual Cases	Rate per 100,000 population	Average Annual Cases	Rate per 100,000 population	Average Annual Cases	Rate per 100,000 population	Average Annual Deaths	Rate per 100,000 population	Average Annual Deaths	Rate per 100,000 population	Average Annual Deaths	Rate per 100,000 population
All invasive malignant tumors	520.8	500.6	272.2	544.9	248.8	467.8	171.6	158.2	86.6	173.5	85	147.6
Female Breast					62.8	119.5					9.4	17.5
Lung and Bronchus	80.4	72	41	79.1	39.4	67.2	51.6	47.5	26.0	51.2	25.6	44.3
Colorectal	40.8	41.7	21.2	45.4	19.6	38.6	15.0	14.4	7.2	14.7	7.8	14.2
Colon excluding rectum	28.4	29.1	14.6	31.5	13.8	26.8	12.6	12.2	5.8	12.1	6.8	12.4
Corpus uterus and NOS					6.2	11.8					3	5.4
Non-Hodgkin lymphomas	20.2	19.4	10.4	21.9	9.8	16.6	7.0	6.1	3.2	6.0	3.8	5.9
Kidney and renal pelvis	19.2	19	12.2	26	7	12.9	3.8	3.3	2.6	4.9	1.2	2.3
Thyroid	11.6	14.1	2.4	5.8	9.2	22.1	0.2	0.2	0	0	0.2	0.5
Leukemias	15.6	15.2	7.6	17.1	8.0	14.0	4.2	3.9	2.4	5.4	1.8	3.1

⁶⁵ https://www.cdc.gov/tobacco/data_statistics/fact_sheets/fast_facts/index.htm

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Site of Cancer	Incidence (2014-2018)						Mortality (2014-2018)					
	Males and Females		Males		Females		Males and Females		Males		Females	
	Average Annual Cases	Rate per 100,000 population	Average Annual Cases	Rate per 100,000 population	Average Annual Cases	Rate per 100,000 population	Average Annual Deaths	Rate per 100,000 population	Average Annual Deaths	Rate per 100,000 population	Average Annual Deaths	Rate per 100,000 population
Oral cavity and pharynx	16.0	15.0	11.4	22.8	4.6	7.3	4.4	3.8	3.2	5.9	1.2	1.6
Pancreas	14.6	13.8	8.4	16.4	6.2	11.6	10.4	9.4	6.0	11.9	4.4	7.5
Prostate			66.8	119.4					5.0	10.6		
Melanoma of the skin	28.2	29.3	17.4	38.0	10.8	23.6	1.6	1.4	1.4	2.9	0.2	0.3

Source: NYS Department of Health Cancer Registry

As seen in **Table 35** below, cancer is the second leading cause of death in McKean County with 177 age adjusted deaths per 100,000, compared to 161 per 100,000 for Pennsylvania.

Table 35: Leading Causes of Death 2015-2019, McKean County

McKean County		Pennsylvania	
Leading Cause of Death	Age adjusted rate per 100,000	Leading Cause of Death	Age adjusted rate per 100,000
Heart Disease	206	Heart disease	176
Cancer	177	Cancer	161
Chronic Lower Respiratory Diseases	59	Accidents	70
Accidents	49	Cerebrovascular Disease/Stroke	36
Cerebrovascular Disease/Stroke	28	Chronic Lower Respiratory Diseases	37

Source:

www.health.pa.gov/topics/HealthStatistics/VitalStatistics/CountyHealthProfiles/Documents/current/mckean.aspx

When looking at cancer deaths overall in McKean County, as outlined in **Table 36**, lung cancer is the leading cause of cancer deaths in both men and women. Pancreatic cancer is the second leading cause of cancer deaths in women followed by breast cancer. In men, colorectal cancer is the second leading cause of cancer deaths followed by pancreatic cancer.

A known cause of pancreatic cancer is tobacco smoking. To date, the causes of pancreatic cancer are still insufficiently known, although certain risk factors have been identified, such as smoking, obesity, genetics, diabetes, diet, inactivity. There are no current screening recommendations for pancreatic cancer, so primary prevention is of utmost importance⁶⁶. The growing prevalence of diabetes, poor diet and increasing number of physical inactivity may explain

⁶⁶ <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5124974/>

the high rates of pancreatic cancer. Breast cancer is the second most common cancer among woman in the United States, and unfortunately McKean County shows a similar pattern, which may be the result of limited screenings.

Table 36: Cancer Incidence 2014-2018 and Mortality 2015-2019, McKean County

Site of Cancer	Incidence (2014-2018)						Mortality (2015-2019)					
	Males and Females		Males		Females		Males and Females		Males		Females	
	Average Annual Cases	Rate per 100,000 population	Average Annual Cases	Rate per 100,000 population	Average Annual Cases	Rate per 100,000 population	Average Annual Deaths	Rate per 100,000 population	Average Annual Deaths	Rate per 100,000 population	Average Annual Deaths	Rate per 100,000 population
All invasive malignant tumors	253	447.1	127	436.6	126	446.7	192	176.4	92	200.6	100	159
Female Breast					35	125.4					10	11.9
Lung and Bronchus	40	66.4	19	67.6	21	66.8	28	50	12	52.4	16	48.6
Colorectal							8		4		4	
Colon including rectum *	20	35.6	10	39.3	10	31.7		12.5		22.2		17.3
Uterus *					9	28.3					3	5.4
Non-Hodgkin lymphomas	7	12.4	3 or fewer	17.42	3 or fewer	Very low	0	4.0	0		0	
Kidney and renal pelvis	6	12.1	4	15.1	3 or fewer	Very low	1		0		1	
Thyroid	20.5	8	3 or fewer	Very low	33.6	6	0		0		0	
Leukemias	8	14.1	5	20.3	3 or fewer	Very low	4	8.3	4	15.6	0	
Oral cavity and pharynx	10	17.9	7	24.7	3	11.7	1		1		0	
Pancreas	9	15.9	4	14.8	5	16.7	10	13.6	3	13.1	7	14.1
Prostate			24	80					7	21.7		
Melanoma of the skin	12	21.1	7	25.7	5	19	2		13		1	

Source:

<https://statecancerprofiles.cancer.gov/incidencerates/index.php?stateFIPS=42&areatype=county&cancer=001&race=00&sex=1&age=001&stage=99&year=0&type=incd&sortVariableName=rate&sortOrder=default&output=0#results>

<https://www.health.pa.gov/topics/HealthStatistics/VitalStatistics/CountyHealthProfiles/Documents/current/mckean.aspx>

Heart Disease

As seen in **Table 35** in the above section, heart disease is the leading cause of death in Cattaraugus County with 205.3 age-adjusted deaths per 100,000 and in McKean County (206 per 100,000) (**Table 35**). The rate in both counties is higher in comparison to NYS (161.3) and Pennsylvania (176). This is down from 232.4 age-adjusted deaths per 100,000 from the previous period in Cattaraugus County.⁶⁷ CDC reports that hypertension, high cholesterol and smoking are key risk factors for heart disease. Other medical conditions and lifestyle choices that can lead to heart disease include diabetes, overweight/obesity, poor diet, physical inactivity, excessive alcohol use.⁶⁸ Based on this information and previous data reported, the high rate of heart disease deaths can be correlated with the county's high rates of poor health behaviors (i.e. smoking, obesity, physical inactivity, and excessive alcohol use).

Chronic Lower Respiratory Disease (CLRD)

CLRD is comprised of three major diseases: chronic bronchitis, emphysema, and asthma. As seen in **Table 33** and **Table 35** above, CLRD is the third leading cause of death in Cattaraugus and McKean counties. Comparatively, CLRD age-adjusted deaths in Cattaraugus County, which is (52.9), is higher than that of NYS, which is (33.7).⁶⁹ The rate in McKean County is 59 in comparison to 37 for the state. CLRD is the fifth leading cause of death in Pennsylvania in comparison to the third leading cause of death for McKean County. CDC reports that tobacco smoke is a key factor in the development and progression of chronic respiratory diseases, including COPD. Exposure to air pollutants in the home and workplace, genetic factors, and respiratory infections also play a role. Based on this information and previous data reported, Cattaraugus and McKean counties high rate of CLRD deaths can be associated with the counties' high rate of tobacco use.

Cerebrovascular Disease

Cerebrovascular Disease, which includes stroke is the seventh leading cause of death in Cattaraugus County with an annual age-adjusted death rate in 2019 of 17.9 per 100,000, which is lower than NYS (excluding NYC) (27.0).⁷⁰ While the individual rates have fluctuated over the past ten years, since 2010, the three-year average rate has decreased from 39.9 in 2010.⁷¹ As seen in **Table 35** above, Cerebrovascular Disease is the fifth leading cause of death in McKean County, with a rate of 28 per 100,000⁷², which is also lower in comparison to the state (36)⁷³.

⁶⁷ https://apps.health.ny.gov/public/tabvis/PHIG_Public/lcd/reports/#county

⁶⁸ <https://www.cdc.gov/heartdisease/behavior.htm>

⁶⁹ www.health.ny.gov/statistics/leadingcauses_death/pm_deaths_by_county.htm

⁷⁰ https://apps.health.ny.gov/public/tabvis/PHIG_Public/lcd/reports/#county

⁷¹ Ibid.

⁷² <https://www.health.pa.gov/topics/HealthStatistics/VitalStatistics/CountyHealthProfiles/Documents/current/mckean.aspx>

⁷³ Ibid.

Implementation and Indicators

In an effort to reduce the burden of chronic disease in Cattaraugus County, the CCHD together with OGH proactively collaborated to track interventions implemented to meet the needs of the county’s population. Screening for cancer and diabetes and improving standards for better nutritional choices were some of the problems identified in the 2019 CHA. Multi-component efforts included implementation of healthy meeting and/or vending policies, promoting cancer (breast and colorectal) screening, increasing diabetes screening, providing education on healthy behavior changes and providing incentives for providers to participate in Continuing Medical Education (CME) on evidence-based practices for chronic diseases.

Screening tests can help find cancer at an early stage, before symptoms appear. When abnormal tissue or cancer is found early, it may be easier to treat or cure. By the time symptoms appear, the cancer may have grown and spread. This can make the cancer harder to treat or cure⁷⁴.



Table 37 illustrates indicator measurements collected from the three provider partners – Foothills Medical Group, Olean Medical Group and Universal Primary Care.

⁷⁴ <https://www.cancer.gov/about-cancer/screening/patient-screening-overview-pdq#:~:text=Screening%20tests%20can%20help%20find,harder%20to%20treat%20or%20cure.>

Table 37: Cattaraugus County 2019-2021 CHIP Chronic Disease Prevention Tracker

Cattaraugus County 2019 - 2021: CHIP Indicator Tracker 2022 Update								
+ Improvement		Decline ↓	No change *					
New measure (baseline and progress not available) ◆								
Partners: FMG= Foothills Medical Group, UPC=Universal Primary Care, OMG=Olean Medical Group								
Progress	Health Focus Area and Goals	2016	2017	2018 (Baseline)	2019	2020	2021	Target
Prevent Chronic Diseases: Increase access to high quality chronic disease preventive care and management in both clinical and community settings								
FMG *	Percentage of breast cancer screening rates	FMG: 29%	FMG: 32%	FMG: 60%	No Data (2019)	FMG: ND	FMG: ND	Increase by 5%
UPC +		UPC: 56%	UPC: 60%	UPC: 60%		UPC: 57%	UPC: 63%	
OMG +		OMG: 64% (2016)	OMG: 61% (2017)	OMG: 80% (2018)		OMG: 62% (2020)	OMG: 69% (2021)	
FMG *	Percentage of colorectal cancer screening rates	FMG: 23.7%	FMG: 56%	FMG: 40%	No Data (2019)	FMG: ND	FMG: ND	Increase by 3%
UPC *		UPC: 48%	UPC: 51%	UPC: 53%		UPC: 52%	UPC: 53%	
OMG +		OMG: 37% (2016)	OMG: 38% (2017)	OMG: 71% (2018)		OMG: 37% (2020)	OMG: 40% (2021)	
FMG *	Percentage of diabetes screening rates	FMG: 69%	FMG: 94%	FMG: 94%	FMG: ND	FMG: ND	FMG: ND	Increase by 5%
UPC *		UPC: 43%	UPC: 43%	UPC: 40%	UPC: 74%	UPC: 74%	UPC: 73%	
OMG ↓		OMG: none (2016)	OMG: ND (2017)	OMG: 94% (2018)	OMG: ND (2019)	OMG: 57% (2020)	OMG: 27% (2021)	

Source: Cattaraugus County Health Department 2019-2021 CHIP Progress Report, FMG, OMG and UPC, 2021

NOTE: At the time of this report OGH/BRMC and the CCHD were unable to obtain recent data for FMG.

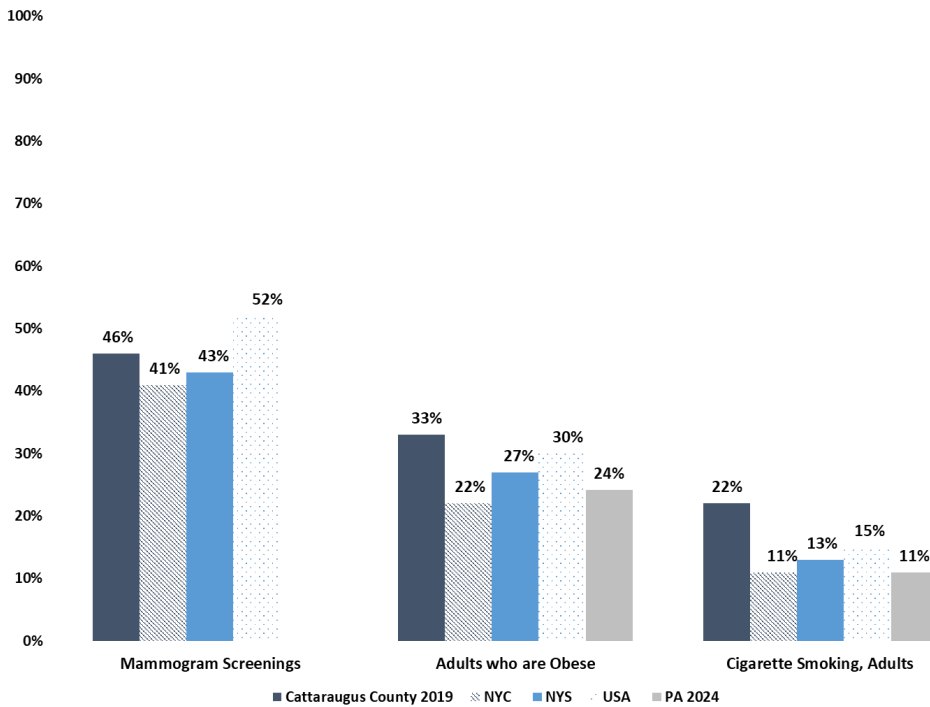
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Since 2019, BRMC has been working to improve health status through chronic disease management across the continuum of care, including cardiovascular disease, diabetes, and obesity. Some of the activities BRMC has participated in include:

- Provide information on diabetes and CDNE services provided by BRMC annually during Diabetes Awareness month
- Conducted WESB Spotlight interview in November
- Researching DPP Umbrella Program in an effort to achieve DPP provider status
- Provide diabetes education at all of the Senior Centers in McKean County during Diabetes Awareness month
- Diabetes workshops resumed in 2021
- Case Management holds quarterly meetings with home health agencies to discuss issues with transition of care
- Continue to offer Upbeat Program
 - February 2020 averaged 89.1 patient visits per day with 22 new referrals that month
 - Closed on March 26, 2020 and reopened on May 11, 2020. Since reopening have averaged 66.1 patient visits per day and 10 new referrals per month.
 - Since the pandemic attended one health fair (2021 Senior Expo) and had one community speaking engagement (Kiwanis meeting in March 2022).
 - Program was featured in the Bradford Era
 - Testimonials shared via social media and the newspaper

Figure 24 illustrates several indicators related to chronic disease prevention. Less than half (46%) of those eligible receive mammograms, although the county percentage is slightly higher in comparison to the state. The percentage of adults who are obese (33%) is higher in Cattaraugus County than the state (27%) and PA 2024 target (24%). The percentage of adults who smoke in Cattaraugus County (22%) is double that of NYC (11%) and the PA 2024 (11%).

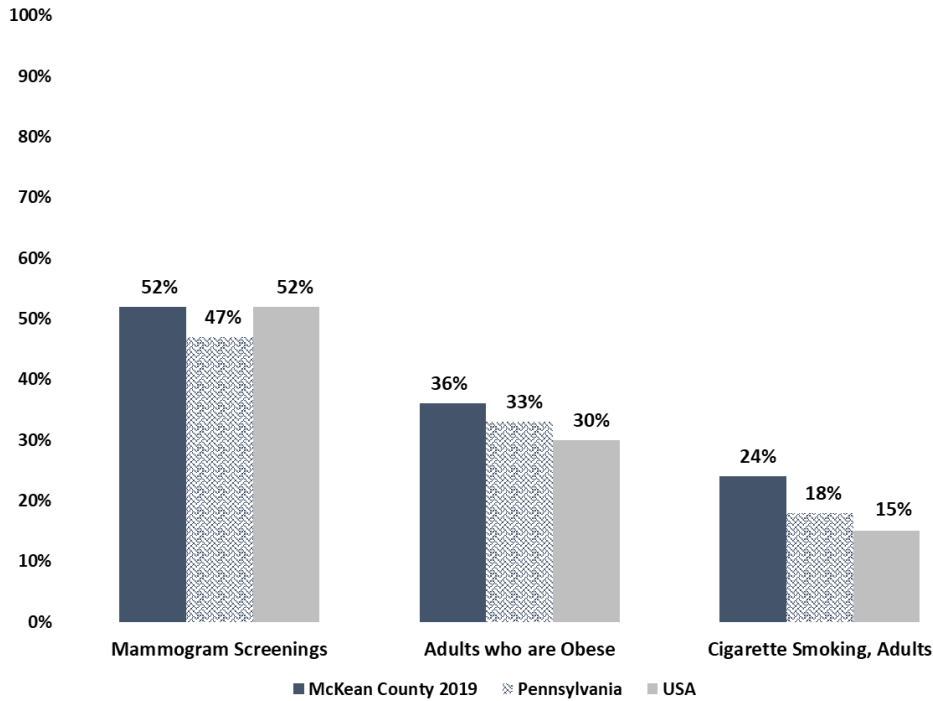
Figure 24: Chronic Disease Prevention Indicators, Cattaraugus County



Source: County Health Rankings and New York Prevention Agenda

Figure 25 illustrates several indicators related to chronic disease prevention. Only a little over half (52%) of those eligible receive mammogram in McKean County and the nation. The percentage in McKean County is slightly higher compared to the state. The percentage of adults who are obese in McKean County (36%) is higher than the state (33%) and nation (30%). The percentage of adults who smoke in McKean County (24%) is higher than the state (18%) and nation (15%).

Figure 25: Chronic Disease Prevention Indicators, McKean County



Source: <https://www.countyhealthrankings.org/explore-health-rankings/pennsylvania/mckean?year=2022>

Table 38 describes that male (40.3% Cattaraugus and 52.8% McKean) respondents to the Community Health Survey are more likely than females (33.6% and 43.1% respectively) to see their primary care provider/doctor several times a year. It is important to note that respondents skew female and given the same size are not representative of the community at large.

Table 38: Frequency of Primary Care Provider/Doctor Visits

How often do you see your primary care provider (doctor)?				
	Cattaraugus County		McKean County	
	Male (N=154)	Female (N=530)	Male (N=106)	Female (N=445)
Several times a year	40.3%	33.6%	52.8%	43.1%
For a yearly check-up	47.4%	53.0%	35.8%	44.0%
Only when I'm sick	5.8%	8.9%	7.5%	11.0%
I don't go see my primary care provider	2.6%	0.9%	1.9%	0.2%
I don't have a primary care provider	3.9%	3.6%	1.9%	1.1%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Table 39 highlights responses to the 2022 Community Health Survey question, “In the past year, was there any time that you needed medical care but could not – or did not – get it?” Almost a third of McKean County survey respondents (30.8%) said that there was a time that they could not get needed medical care, while 17.4% of those in Cattaraugus County indicated they could not get the needed care.

Table 39: Needed Medical Care Past Year But Did Not Receive It

In the past year, was there any time that you needed medical care but could not – or did not – get it?				
	Cattaraugus County (N=824)		McKean County (N=698)	
	Number	Percent	Number	Percent
Yes	143	17.4%	215	30.8%
No	681	82.6%	483	69.2%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Table 40 highlights responses to the 2022 Community Health Survey question, “What were the main reasons you did not get the medical care you needed?” Of those who indicated they could not get needed medical care, almost half of those in Cattaraugus County (49.7%) and a third of those in McKean County (37.7%) were not able to get an appointment for a long time. Respondents from both counties also attributed COVID-19 and the impact on scheduling appointments and availability of providers as one of the main reasons they could not get the medical care they needed.

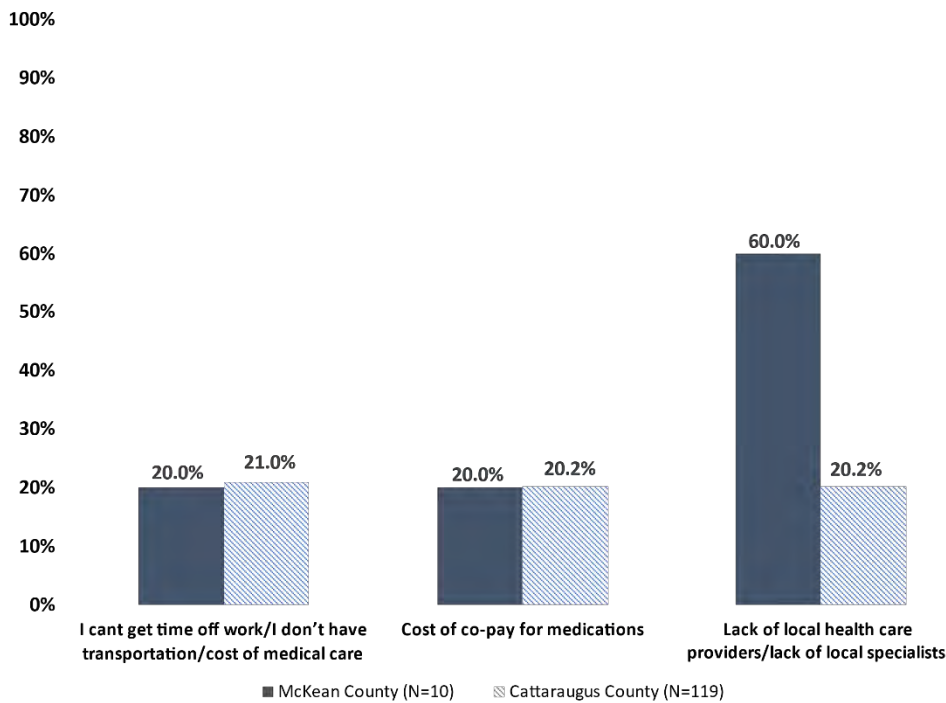
Table 40: Needed Medical Care Past Year But Did Not Receive It

What were the main reasons you did not get the medical care you needed?		
	Cattaraugus County (N=143)	McKean County (N=215)
	Percent	Percent
I couldn't get an appointment for a long time	49.7%	37.7%
Some other reason	35.0%	35.3%
Cattaraugus County: COVID, lack of providers, no availability, appointment was cancelled, not accepting insurance/denied		
McKean County: COVID, appointment was rescheduled, ER was full, no providers available, cost of care, providers not accepting insurance		
Hours – They weren't open when I could get there	23.1%	23.7%
Cost– Even with insurance, it was too expensive	20.3%	18.6%
Transportation – It was too hard to get there	10.5%	8.4%
I couldn't get time off from work	9.1%	12.6%
I couldn't get a referral to see a specialist	8.4%	7.9%
I had no one to watch my children	7.0%	6.5%
I didn't know where to get the care I needed	6.3%	8.4%
I decided not to go because I don't like going to doctors	4.2%	4.2%
Cost – Without insurance, it was too expensive	3.5%	6.0%
The medical staff didn't speak my language	0.7%	0.0%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Figure 26 illustrates that almost two thirds of the respondents to the Community Intercept Survey in McKean County (60.0%) struggle with the lack of health care providers/local specialists. It is important to note that only 10 individuals completed the intercept survey in McKean County and that the population is skewed to seniors as it was completed at a Senior Health Fair. It is also important to note that BRMC recently transitioned many of its services to OGH so providers and services that had been available locally are now available at OGH, which is located outside of the county. One in five from both McKean and Cattaraugus counties do not seek medical care because they have difficulty getting time off of work/don't have transportation/cost of medical care or the cost of co-pays for medications.

Figure 26: Community Intercept Survey: Barriers to Medical Care



Source: Cattaraugus and McKean County Community Intercept Survey, 2022

Table 41 highlights responses to the 2022 Community Health Survey question, “About how long has it been since you last visited a doctor for a routine checkup?” A little over half of the respondents said they had visited their doctor for a routine checkup within six months or less.

Table 41: Time Since Last Checkup

About how long has it been since you last visited a doctor for a routine checkup?				
	Cattaraugus County (N=810)		McKean County (N=673)	
	Number	Percent	Number	Percent
Less than 6 months	453	55.9%	394	58.5%
6 months to less than 12 months	246	30.4%	167	24.8%
12 months to less than 2 years	64	7.9%	70	10.4%
2 years to less than 5 years	26	3.2%	22	3.3%
5 years or more	18	2.2%	18	2.7%
Never	3	0.4%	2	0.3%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Table 42 highlights responses to the 2022 Community Health Survey question, “About how long has it been since you last visited a dentist or dental clinic for any reason?” A little over half of the respondents from Cattaraugus County (57.5%) said they had visited a dentist or dental clinic within six months or less, compared to 48.6% of respondents from McKean County.

Table 42: Time Since Last Dental Checkup

About how long has it been since you last visited a dentist or dental clinic for any reason?				
	Cattaraugus County (N=809)		McKean County (N=669)	
	Number	Percent	Number	Percent
Less than 6 months	465	57.5%	325	48.6%
6 months to less than 12 months	103	12.7%	115	17.2%
12 months to less than 2 years	80	9.9%	81	12.1%
2 years to less than 5 years	91	11.2%	72	10.8%
5 years or more	68	8.4%	73	10.9%
Never	2	0.2%	3	0.4%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Table 43 highlights responses to the 2022 Community Health Survey question, “Sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the colon for signs of cancer or other health problems. Have you ever had either of these exams?” About half of the survey respondents in Cattaraugus County had the exam, while 61.0% of those in McKean County indicated they had the exam.

Table 43: Received a Sigmoidoscopy or Colonoscopy

Have you ever had a sigmoidoscopy or colonoscopy?				
	Cattaraugus County (N=819)		McKean County (N=688)	
	Number	Percent	Number	Percent
Yes	419	51.2%	420	61.0%
No	395	48.2%	267	38.8%
Don't Know	5	0.6%	1	0.1%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Table 44 highlights responses to the 2022 Community Health Survey question, “About how long has it been since you last had your blood pressure checked by a doctor, nurse, or other health care provider?” Most respondents said they had their blood pressure checked within six months or less.

Table 44: Length of Time Since Last Blood Pressure Check

About how long has it been since you last had your blood pressure checked by a doctor, nurse, or other health care provider?				
	Cattaraugus County (N=813)		McKean County (N=671)	
	Number	Percent	Number	Percent
Less than 6 months	638	78.5%	525	78.2%
6 months to less than 12 months	127	15.6%	103	15.4%
12 months to less than 2 years	28	3.4%	31	4.6%
2 years to less than 5 years	12	1.5%	10	1.5%
5 years or more	6	0.7%	1	0.1%
Never	2	0.2%	1	0.1%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Table 45 highlights responses to the 2022 Community Health Survey question, “Have you ever been told by a doctor that you have diabetes?” Most respondents said No, they have never been told they had diabetes. One in ten respondents in McKean County (10.3%) have been told they have diabetes, with slightly fewer in Cattaraugus County (8.8%).

Table 45: Ever Told Had Diabetes

Have you ever been told by a doctor that you have diabetes?				
	Cattaraugus County (N=814)		McKean County (N=677)	
	Number	Percent	Number	Percent
Yes	72	8.8%	70	10.3%
Yes, but only during pregnancy	31	3.8%	21	3.1%
No	646	79.4%	541	79.9%
No, pre-diabetes or borderline diabetes	64	7.9%	45	6.6%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Table 46 highlights responses to the 2022 Community Health Survey question, “About how long has it been since you last had your cholesterol checked?” Approximately half of the respondents said they had their cholesterol checked within six months or less. Most respondents visit their primary care provider annually if not more frequently, where they likely have their cholesterol checked.

Table 46: Length of Time Since Cholesterol Check

About how long has it been since you last had your cholesterol checked?				
	Cattaraugus County (N=808)		McKean County (N=665)	
	Number	Percent	Number	Percent
Less than 6 months	389	48.1%	337	50.7%
6 months to less than 12 months	242	30.0%	168	25.3%
12 months to less than 2 years	77	9.5%	82	12.3%
2 years to less than 5 years	41	5.1%	29	4.4%
5 years or more	16	2.0%	15	2.3%
Never	43	5.3%	34	5.1%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Please refer to Appendix F for resources available in Cattaraugus and McKean Counties related to the NYS Prevention Agenda Prevent Chronic Diseases Action Plan.

Promote Well-Being and Prevent Mental Health and Substance Use Disorders



PROMOTE WELL-BEING AND PREVENT MENTAL HEALTH AND SUBSTANCE USE DISORDERS

When examining mental health and substance abuse data from the 2019 CHA to the 2022 CHA, several indicators have worsened in recent years or when compared to New York:

- The percentage of adults with poor mental health 14+ days in the past month in Cattaraugus County is higher than NYC, NYS and USA.⁷⁵
- One-third of adult community survey respondents said they had been bothered by little interest or pleasure in doing things or felt down, depressed, or hopeless.⁷⁶
- The age adjusted suicide death rate per 100,00 in Cattaraugus County is higher than NYS and more than double the NYS PA objective rate.⁷⁷
- The percentage of Cattaraugus County residents reporting alcohol impaired driving deaths, excessive drinking and frequent mental distress is higher than NYS.⁷⁸
- Student's using alcohol in 10th grade in 2021 was higher than the Monitoring the Future (MTF⁷⁹) study.⁸⁰
- The percentage of 9th graders using marijuana increased between 2019 and 2021 and the percentage of 10th grades is higher than the MTF study.⁸¹
- Over half of 9th grade students in Cattaraugus County report depressive symptoms.⁸²

When examining mental health and substance abuse data from the 2019 CHA to the 2022 CHA, several indicators have worsened in recent years or when compared to Pennsylvania:

- The percentage of adults with poor mental health 14+ days in the past month in McKean County is higher than Pennsylvania and the nation.⁸³
- Just under half of adult community survey respondents said they had been bothered by little interest or pleasure in doing things or felt down, depressed, or hopeless.⁸⁴
- The age adjusted suicide death rate per 100,00 in McKean County is higher than Pennsylvania and USA.⁸⁵
- The percentage of McKean County residents reporting alcohol impaired driving deaths, insufficient sleep and frequent mental distress is higher than Pennsylvania.⁸⁶
- Student's using alcohol in 6th grade increased from 2019 and 2021 and is higher than the state.⁸⁷
- The percentages are increasing for 6th and 8th grade students using marijuana.⁸⁸
- Students reporting depressive symptoms has increased at all grade levels with grade 12 higher than the state.⁸⁹

⁷⁵ https://www.americashealthrankings.org/explore/annual/measure/mental_distress; <https://www.countyhealthrankings.org/2022-measures>

⁷⁶ 2022 Cattaraugus County Community Health Survey

⁷⁷ https://www.americashealthrankings.org/explore/annual/measure/mental_distress; <https://www.countyhealthrankings.org/2022-measures>

⁷⁸ County Health Rankings, NYS Department of Health

⁷⁹ The Monitoring the Future (MTF) survey project, which provides prevalence-of-use information for ATODs from a nationally representative sample of 8th, 10th, and 12th graders, is conducted annually by the Survey Research Center of the Institute for Social Research at the University of Michigan. <https://nida.nih.gov/research-topics/trends-statistics/monitoring-future>.

⁸⁰ CAREs Cattaraugus County Profile, 2021; Alcohol, Tobacco and Other Drug (ATOD)

⁸¹ Ibid.

⁸² Ibid.

⁸³ https://www.americashealthrankings.org/explore/annual/measure/mental_distress; <https://www.countyhealthrankings.org/2022-measures>

⁸⁴ 2022 Cattaraugus County Community Health Survey

⁸⁵ https://www.americashealthrankings.org/explore/annual/measure/mental_distress; <https://www.countyhealthrankings.org/2022-measures>

⁸⁶ County Health Rankings, Pennsylvania Department of Health

⁸⁷ Pennsylvania Youth Survey, 2021

⁸⁸ Ibid.

⁸⁹ Pennsylvania Youth Survey, 2021.

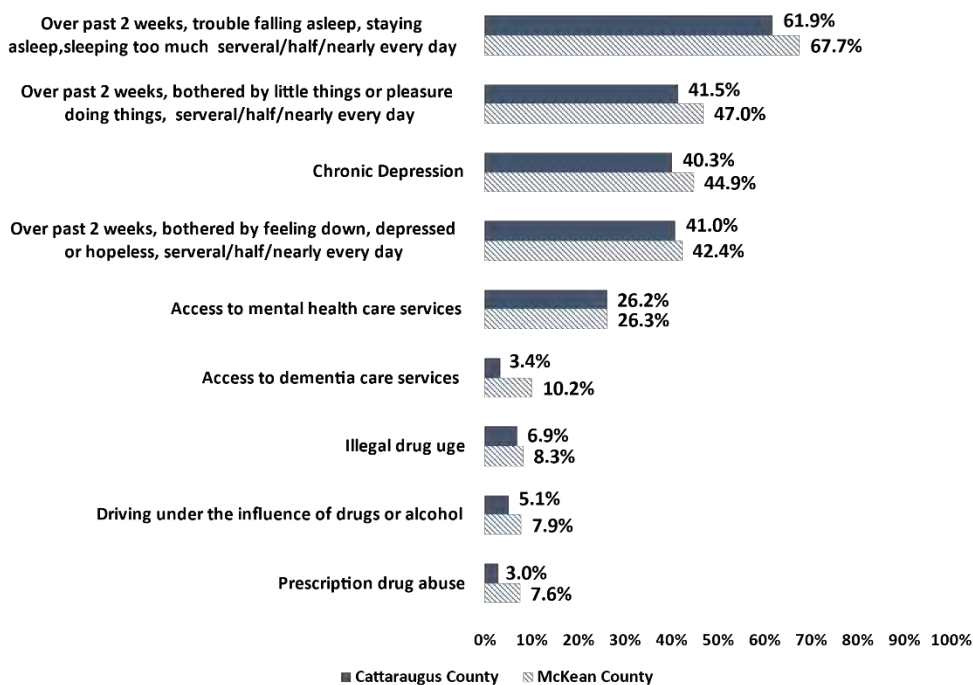
Mental and emotional well-being is essential to overall health. Mental and physical health problems are interwoven. Improvements in mental health help can lead to enhanced individual and populations' physical health. The best opportunities to improve the public's mental health are interventions delivered before a disorder manifests itself, to prevent its development. These interventions can be integrated with routine health care and wellness promotion in health care settings, as well as in schools and community settings.⁹⁰

Focus Area 1: Well-Being

Well-being is a positive outcome that is meaningful for people and for many sectors of society, because it tells us that people perceive that their lives are going well. Well-being generally includes global judgments of life satisfaction and feelings ranging from depression to joy. Well-being integrates mental health (mind) and physical health (body) resulting in more holistic approaches to disease prevention and health promotion.⁹¹

Figure 27 illustrates the percentage of 2022 Community Health Survey respondents who indicated that they experienced various behavioral risk factors. Two-third of the respondents indicated that they had difficulty sleeping (61.9% Cattaraugus County, 67.7% McKean County). Respondents were also likely to have experienced little pleasure in doing things, to have chronic depression or to feel down or depressed. One in four (26.2% Cattaraugus County and 26.3% McKean County) respondents had problems with access to mental health services.

Figure 27: Mental Health Substance Abuse Behavioral Risk Factors, Community Health Survey



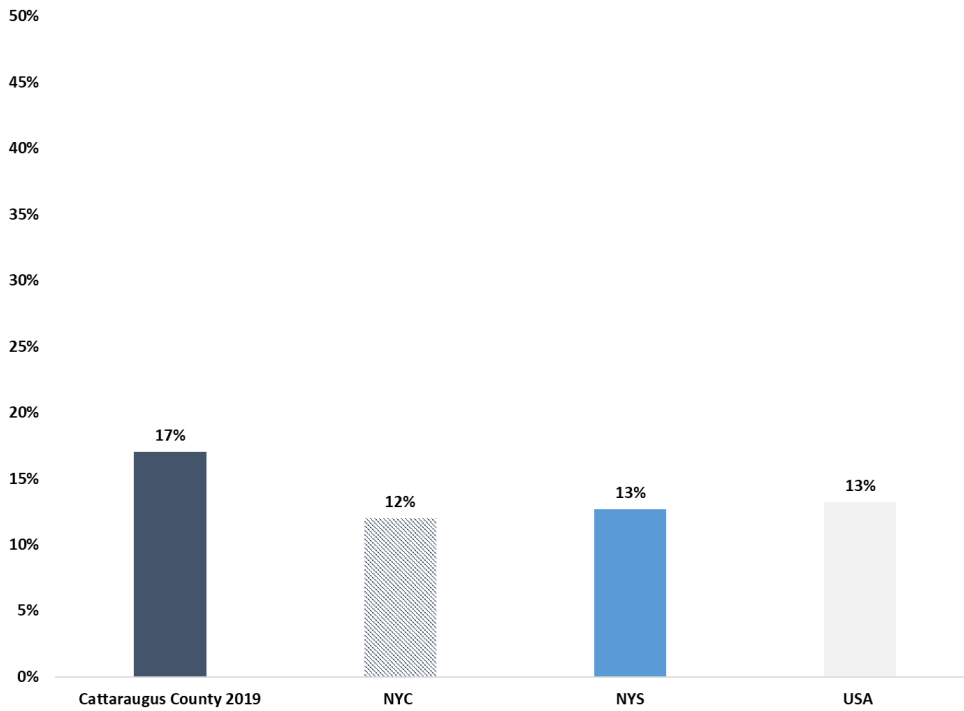
Source: Cattaraugus and McKean County Community Health Survey, 2022

⁹⁰ https://www.health.ny.gov/prevention/prevention_agenda/2019-2024/wb.htm

⁹¹ <https://www.cdc.gov/hrqol/wellbeing.htm>

Figure 28 illustrates that the percentage of Adults with Poor Mental Health 14+ Days in Past Month for Cattaraugus County (17%) is higher than the state (13%).

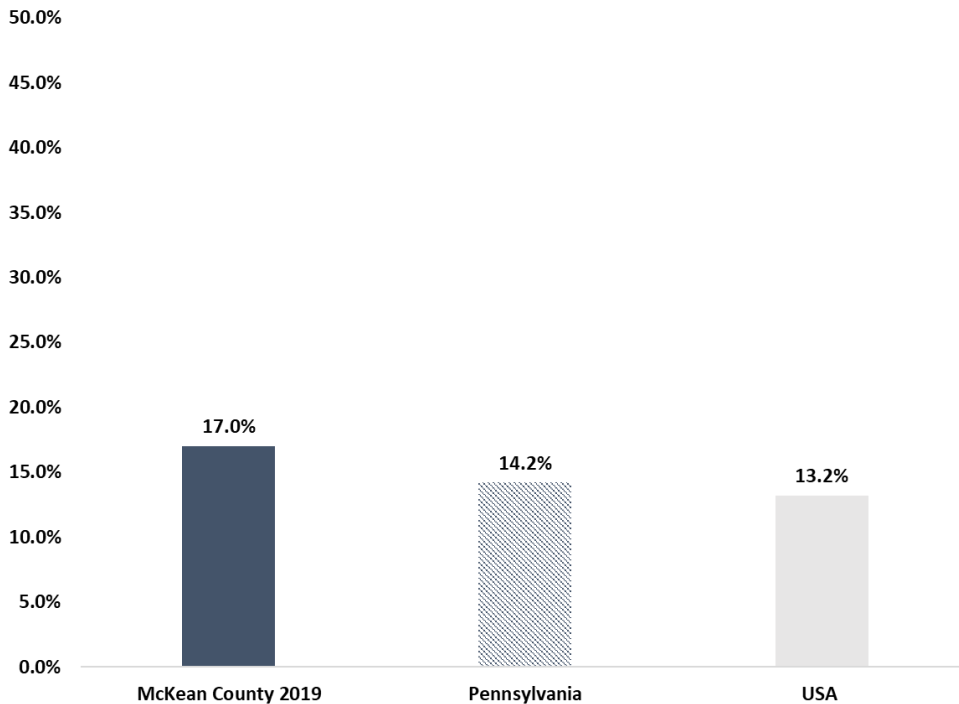
Figure 28: Adults with Poor Mental Health 14+ Days In Past Month, Cattaraugus County



Source: County Health Rankings and NY Prevention Agenda

Figure 29 illustrates that the percentage of Adults with Poor Mental Health 14+ Days in Past Month for McKean County (17.0%) is higher than the state (14.2%) and nation (13.2%).

Figure 29: Adults with Poor Mental Health 14+ Days In Past Month, McKean County



Source: <https://www.countyhealthrankings.org/explore-health-rankings/pennsylvania/mckean?year=2022>

Table 47 highlights responses to the 2022 Community Health Survey question, “In the past two weeks, how often have you been bothered by little interest or pleasure in doing things?” Over half of those surveyed responded that there was not a time over the past two weeks where they had little interest or pleasure in doing things.

Table 47: Little Interest or Pleasure in Doing Things, Past Two Weeks

Over the past two weeks, how often have you been bothered by little interest or pleasure in doing things?				
	Cattaraugus County (N=766)		McKean County (N=627)	
	Number	Percent	Number	Percent
Not at all	460	60.1%	337	53.7%
Several days	223	29.1%	196	31.3%
More than half the days	46	6.0%	47	7.5%
Nearly every day	37	4.8%	47	7.5%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Table 48 highlights responses to the 2022 Community Health Survey question, “In the past two weeks, how often have you been bothered by feeling down, depressed, or hopeless?” Over half of those surveyed responded that they did not feel down, depressed or hopeless in the past two weeks.

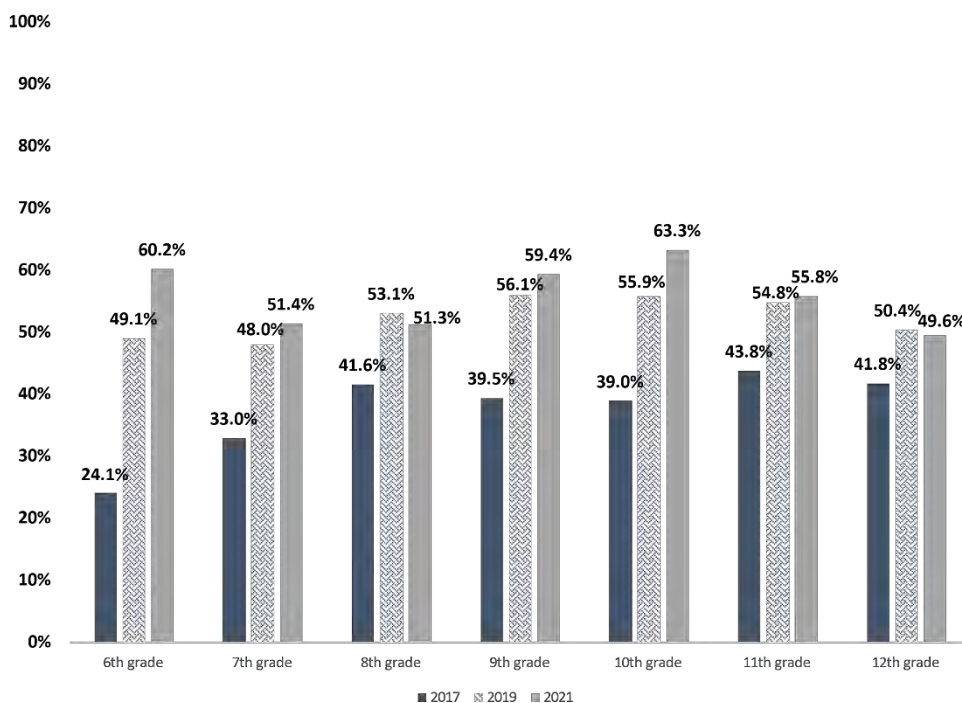
Table 48: Feeling Down, Depressed or Hopeless, Past Two Weeks

Over the past two weeks, how often have you been bothered by feeling down, depressed, or hopeless?				
	Cattaraugus County (N=764)		McKean County (N=624)	
	Number	Percent	Number	Percent
Not at all	477	62.4%	357	57.2%
Several days	219	28.7%	184	29.5%
More than half the days	39	5.1%	45	7.2%
Nearly every day	29	3.8%	38	6.1%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Figure 30 highlights students in various grades that report having felt depressed or sad MOST days, even if you felt okay sometimes. Over half of the students in grades 6 to 11 report depressive symptoms in 2021. This percentage has been increasing since 2017 for students in all grades with the exception of grade 8, where a slight decrease was reported between 2019 and 2021. Students in 10th grade had the highest percentage reporting depressive symptoms (63.3%) compared to other grades. Student respondents had higher percentages reporting depressive symptoms in comparison to the adult respondents to the Community Health Survey.

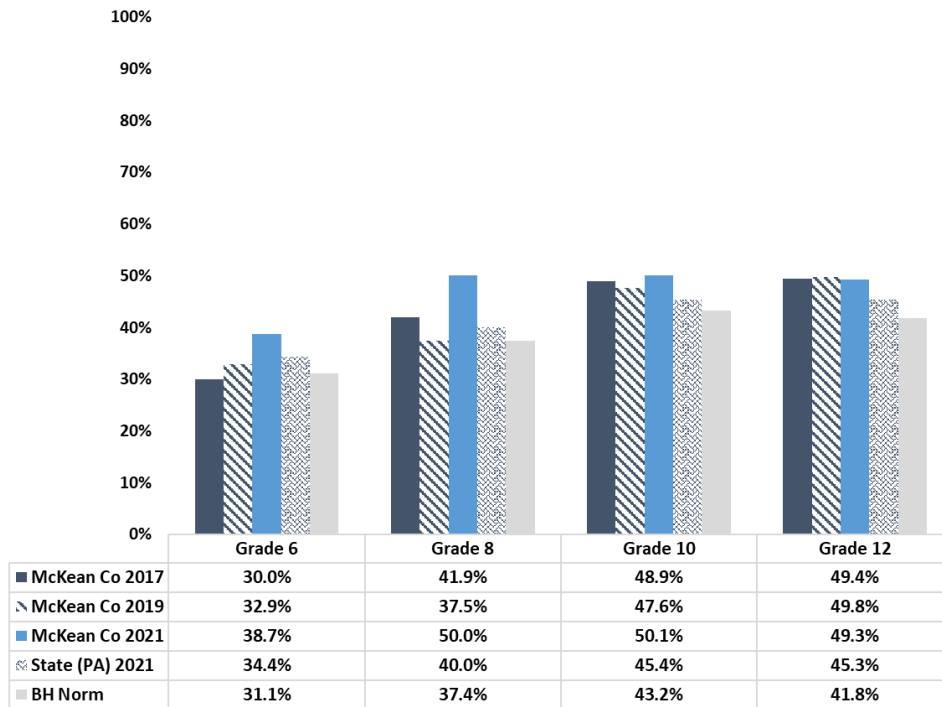
Figure 30: Students Reporting Depressive Symptoms, Cattaraugus County



Source: CARES Cattaraugus County Profile, 2021

Figure 31 highlights students in various grades that report depressive symptoms over the past three survey periods. The percentage of students in Grade 6 reporting depressive symptoms has consistently increased and in 2021 was higher than the state and BH norm⁹². While the percentage has fluctuated for the other grades, in 2021 all were higher than the state and BH norm.

Figure 31: Students Reporting Depressive Symptoms, McKean County



Source: https://www.pccd.pa.gov/Juvenile-Justice/Documents/2021%20PAYS/County%20Reports%202021%20PAYS/County%20Reports_McKean%20County%20Pr ofile%20Report.pdf

⁹² The BH Norm was developed by Bach Harrison L.L.C. to provide states and communities with the ability to compare their results on risk, protection, and antisocial measures with more national measures. Survey participants from eleven statewide surveys and one large regional survey across the nation were combined into a database of approximately 970,000 students. The results were weighted to make the contribution of each state and region proportional to its share of the national population. Bach Harrison analysts then calculated rates for antisocial behavior and for students at risk and with protection.

Table 49 highlights responses to the 2022 Community Health Survey question, “In the past two weeks, how often have you had trouble falling asleep or staying asleep or sleeping too much?” Over a third of survey respondents mentioned that there were several days in the past two weeks that they had trouble falling asleep or staying asleep or sleeping too much.

Table 49: Trouble Falling Asleep, Past Two Weeks

Over the past two weeks, how often have you had trouble falling asleep or staying asleep or sleeping too much?				
	Cattaraugus County (N=767)		McKean County (N=627)	
	Number	Percent	Number	Percent
Not at all	310	40.4%	226	36.0%
Several days	302	39.4%	231	36.8%
More than half the days	83	10.8%	69	11.0%
Nearly every day	72	9.4%	101	16.1%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Mental health issues such as depression, anxiety, dementia, addictive behaviors (e.g., smoking and excessive alcohol use) and substance abuse disorders are largely prevalent in the county as shown in the hospital utilization data on pages 57 and 61.

Focus Area 2: Mental and Substance Use Disorders Prevention

In the 2019-2021 CHIP, a selected priority area was to promote mental health and prevent substance abuse. **Table 50** below provides a snapshot of the activities that were performed by CCHD together with OGH and other community partners to meet the objectives of the chosen priority area.

Table 50: Cattaraugus County 2019-2021 CHIP Mental Health and Substance Abuse Prevention Tracker

Cattaraugus County 2019 - 2021: CHIP Indicator Tracker – 2022 Update							
+ Improvement		Decline ↓	No change *				
New measure (baseline and progress not available) ◆							
Partners: Southern Tier Healthcare System, Cattaraugus County Community Services, Casa Trinity, US-DEA							
Progress	Health Focus Area and Goals	2016	2017	2018	2019 (baseline)	2020	2021
Promote Mental Health and Prevent Substance Abuse: Prevent substance abuse and other mental, emotional, and behavioral disorders							
↓	Number of schools where evidence-based training programs were implemented	0	5	6	8	4	6
↓	Number of drugs collected through drop boxes	430 lbs	1761 lbs	1136 lbs	1708 lbs	837 lbs	1221 lbs
↓	Number of people trained to administer NARCAN.	253	272	455	231	223	120
↓	Number of individuals trained in suicide prevention.	ND	45	379	422	59	114

Source: Cattaraugus County Health Department 2019-2021 CHIP Progress Report, Casa Trinity, STHCS, Cattaraugus County Community Services, US-DEA 2021
ND = No Data

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

Since 2019, BRMC has been working to promote an increase in mental health and substance use disorder services to increase the percentage of residents who access services.

- Narcotic detox services added to BHS service line effective February 13, 2020. First patient admitted February 20, 2020.
 - 2020 – 164 patient days, 43 admissions
 - 2021 – 177 patient days, 53 admissions
 - 2022 – 83 patient days, 28 admissions
- Flex bed status approved annually through the Department of Drug & Alcohol Programs (DDAP); allows for increase of two beds for Detox or Dual Diagnosis with a decrease of two in the other area, e.g., increase of two detox beds for six total beds with a maximum of 14 Dual Diagnosis beds.
 - August 2021 X1 – 5 detox
 - January 2022 x2 – 5 detox
- The Emergency Department collaborates with Alcohol & Drug Abuse Services, Inc. for the warm hand-off.
- BRMC/OGH/FMG Taskforce for Community Intervention has not met formally due to COVID, no events planned during this time. Challenges with staffing available from collaborating agencies, goal to re-start taskforce, possibly by December 2022.
- BRMC's Too Good for Drugs education on-hold due to COVID's impact on schools.
- Opioid education continues to be provided to patients as part of CCBH initiatives.
 - 2018 – 4
 - 2019 – 12
 - 2020 -14
 - 2021 – 7
 - 2022 - 1
- Vivitrol injections:
 - 2020 – 15 vials
 - 2021 – 15 vials

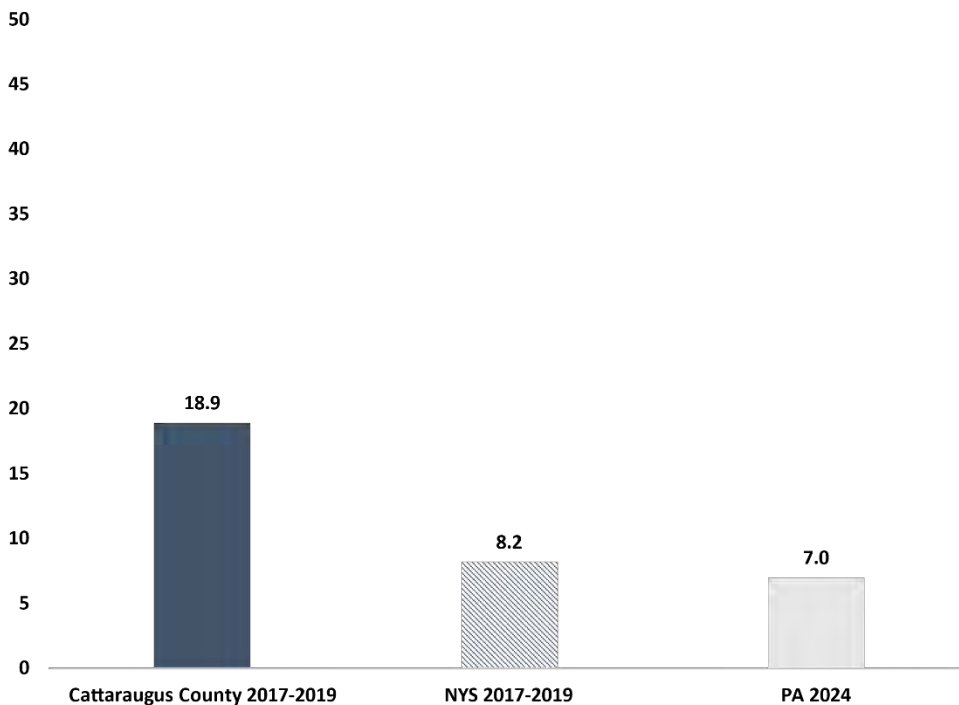
Mental Disorders

Mental health disorders continue to be a community concern and they are often associated with other more pernicious issues such as substance abuse, poverty, homelessness and unemployment. However, the ability to report mental health statistics is limited. In 2019, suicide was the seventh leading cause of premature death in Cattaraugus County with an age-adjusted rate of 10.4 per 100,000, higher than the NYS rate (excluding NYC rate) of 9.9.⁹³ When looking at the rate from 2017-2019 (18.9), the age adjusted suicide death rate per 100,000 for Cattaraugus County has improved from 22.4 in 2017⁹⁴.

In 2022, the age adjusted rate per 100,000 in McKean County and Pennsylvania was 14.0. This is a slight decrease for the county with an age-adjusted rate of 16.0 in 2020⁹⁵.

Figure 32 compares the age-adjusted suicide death rate for Cattaraugus County (18.9), which is more than double the NYS PA objective (7.0).

Figure 32: Suicide Death Rate, Per 100,000 Cattaraugus County



Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=/EBI/PHIG/apps/dashboard/pa_dashboard&p=it&ind_id=pa83_0

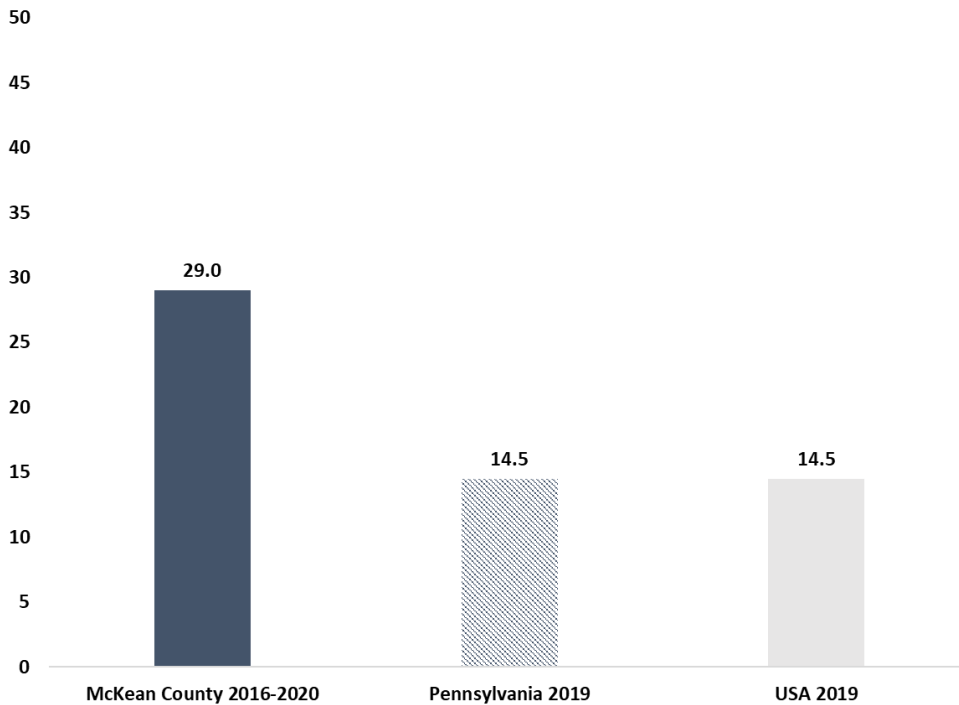
⁹³ https://apps.health.ny.gov/public/tabvis/PHIG_Public/lcd/reports/#county

⁹⁴ Ibid.

⁹⁵ <https://www.countyhealthrankings.org/app/pennsylvania/2020/measure/factors/161/data>

Figure 33 compares the age-adjusted suicide death rate for McKean County (29.0), which is double the state (14.5).

Figure 33: Suicide Death Rate, Per 100,000 McKean County



Source: County Health Rankings, Americas Health Rankings

A report, released by the Centers for Disease Control and Prevention (CDC) showed that rates of death by suicide in the United States have risen by roughly 25 percent in the last couple decades⁴³.

The reasons for the rise in suicide increases are not completely clear, in past research, experts have pointed to an increased sense of isolation among Americans, as well as economic factors and a rise in mental illness.

One finding in the CDC report is that more than half of the deaths happened among people who had not been diagnosed with mental illness. Men may be especially affected by this problem. Often the manifestation of depression is different in men than in women.

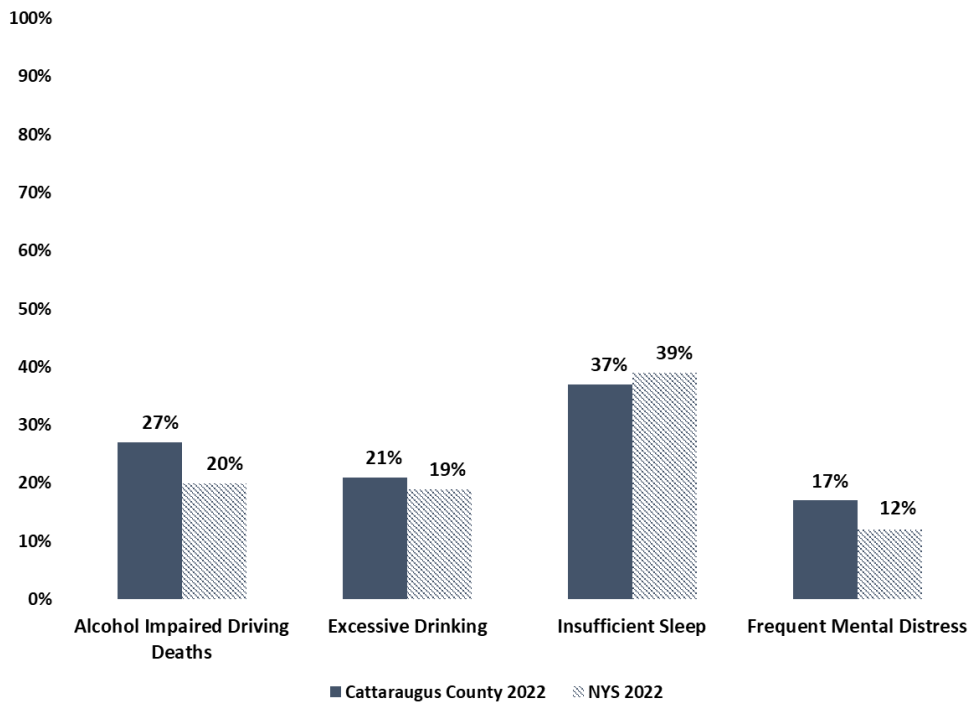
Firearms continue to be the most common method of suicide. Stopping individual suicides is difficult. Asking patients to remove firearms from their homes might be a temporary solution. Given that it is so easy to acquire a firearm, even with a mental health diagnosis, suicide by firearms remains a significant problem.⁹⁶

⁹⁶ <https://www.cdc.gov/violenceprevention/pdf/suicideTechnicalPackage.pdf>

Substance Use Disorders

Figure 34 illustrates that the percentage of Cattaraugus County residents reporting Alcohol Impaired Driving Deaths, Excessive Drinking, and Frequent Mental Distress is higher than NY. Alcohol impaired driving deaths is the percentage of driving deaths with alcohol involvement. The county has a higher rate for excessive alcohol use and alcohol impaired driving deaths suggesting an opportunity to develop target strategies to encourage the use of a designated driver, Uber or other safe support system as opposed to getting behind the wheel after someone has been drinking.

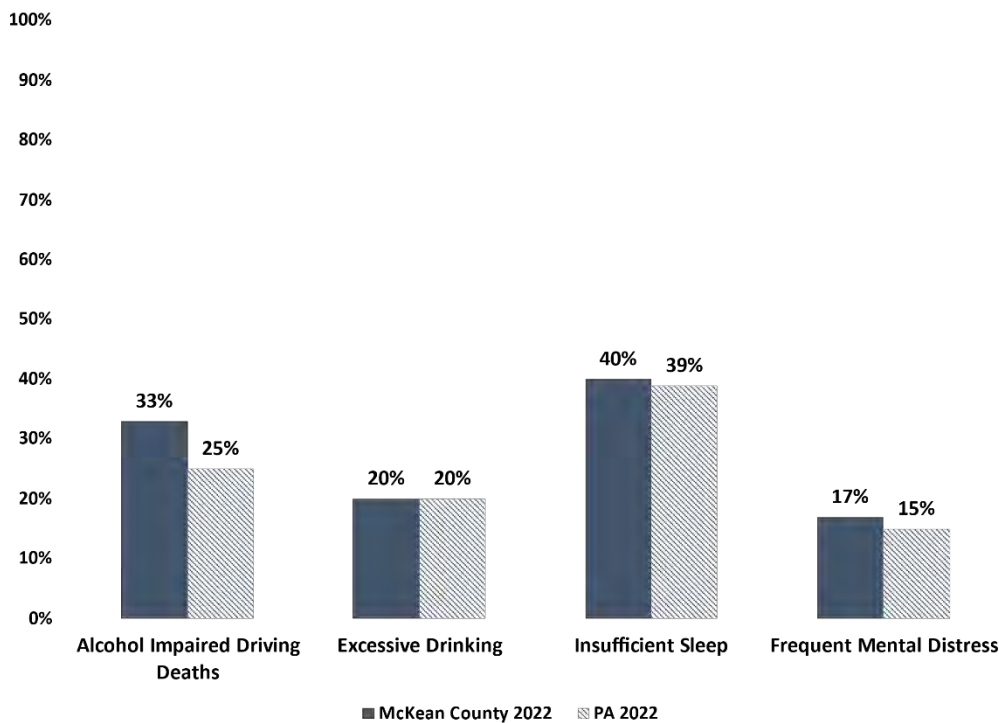
Figure 34: Mental Health and Substance Use Disorders, Cattaraugus County



Source: <https://www.countyhealthrankings.org/explore-health-rankings/new-york/cattaraugus?year=2022>

Figure 35 illustrates that the percentage of McKean County residents reporting Alcohol Impaired Driving Deaths, Insufficient Sleep, and Frequent Mental Distress is higher than Pennsylvania. Alcohol impaired driving deaths is the percentage of driving deaths with alcohol involvement. The county has a higher rate for excessive alcohol use and alcohol impaired driving deaths suggesting an opportunity to develop target strategies to encourage the use of a designated driver, Uber or other safe support system as opposed to getting behind the wheel after someone has been drinking.

Figure 35: Mental Health and Substance Use Disorders, McKean County



Source: <https://www.countyhealthrankings.org/explore-health-rankings/pennsylvania/mckean?year=2022>

The CDC defines binge drinking as consuming 4 or more drinks on an occasion for a woman or 5 or more drinks on an occasion for a man. Excessive alcohol use can lead to high blood pressure, heart disease and stroke, liver disease and cancer⁹⁷.

Table 51 highlights responses to the 2022 Community Health Survey question, “Considering all types of alcoholic beverages, how many times in the last 30 days have you had four or more drinks on the same occasion (females) or five or more drinks on the same occasion (males) (at the same time or within a couple of hours of each other)?”

Table 51: In the Last 30 Days Had 4 or more Drinks if Female or 5 or More Drinks if Male

	Cattaraugus County		McKean County	
	Males (N=196)	Females (N=595)	Males (N=131)	Females (N=508)
Percent reported binge drinking	27.6%	25.5%	33.6%	28.0%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Table 52 highlights responses to the 2022 Community Health Survey question, “In the last 30 days, what is the largest number of drinks that you have had on any one occasion?” Over half of the respondents in Cattaraugus County (52.6%) consumed 1-3 drinks as the largest number over the last 30 days and 43.3% of those in McKean County consumed 1-3 drinks.

Table 52: Largest Number of Drinks at One Occasion

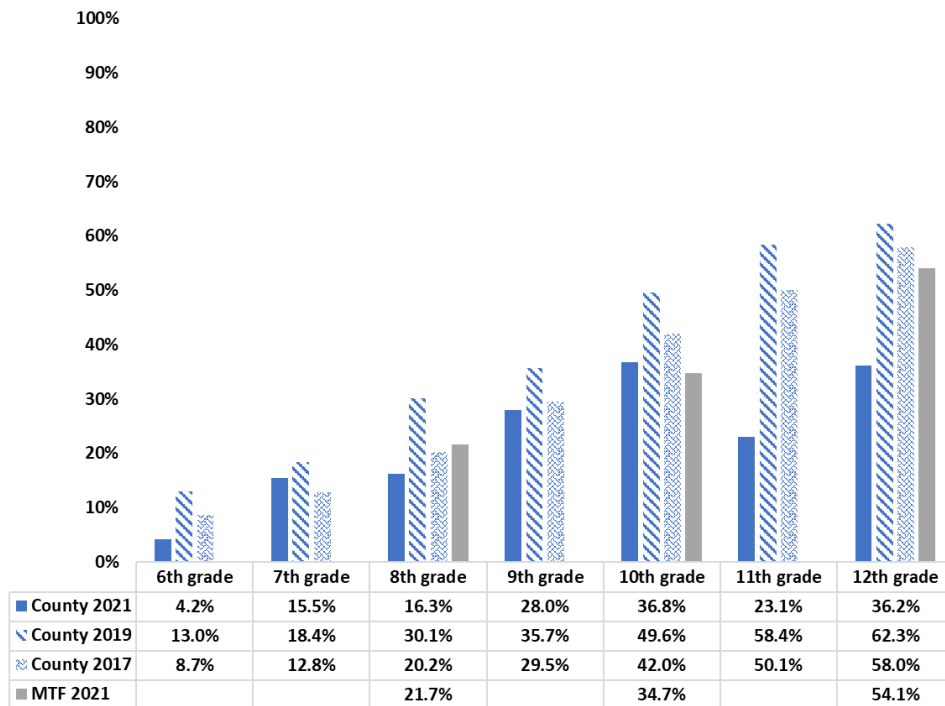
In the last 30 days, what is the largest number of drinks that you have had on any one occasion?				
	Cattaraugus County (N=437)		McKean County (N=598)	
	Number	Percent	Number	Percent
0 Drinks	32	7.3%	194	32.4%
1-3 Drinks	230	52.6%	259	43.3%
4-6 Drinks	135	30.9%	107	17.9%
7-10 Drinks	31	7.1%	28	4.7%
More than 10 Drinks	9	2.1%	10	1.7%

Source: Cattaraugus and McKean County Community Health Survey, 2022

⁹⁷ <https://www.cdc.gov/chronicdisease/resources/publications/factsheets/alcohol.htm>

As illustrated in **Figure 36**, the percentage of students who report using alcohol has fluctuated with all grades reporting a decrease between 2019 and 2021. For grades with MTF comparison, in 2021 students in grade 10 (36.8%) reported higher use in comparison (34.7%).

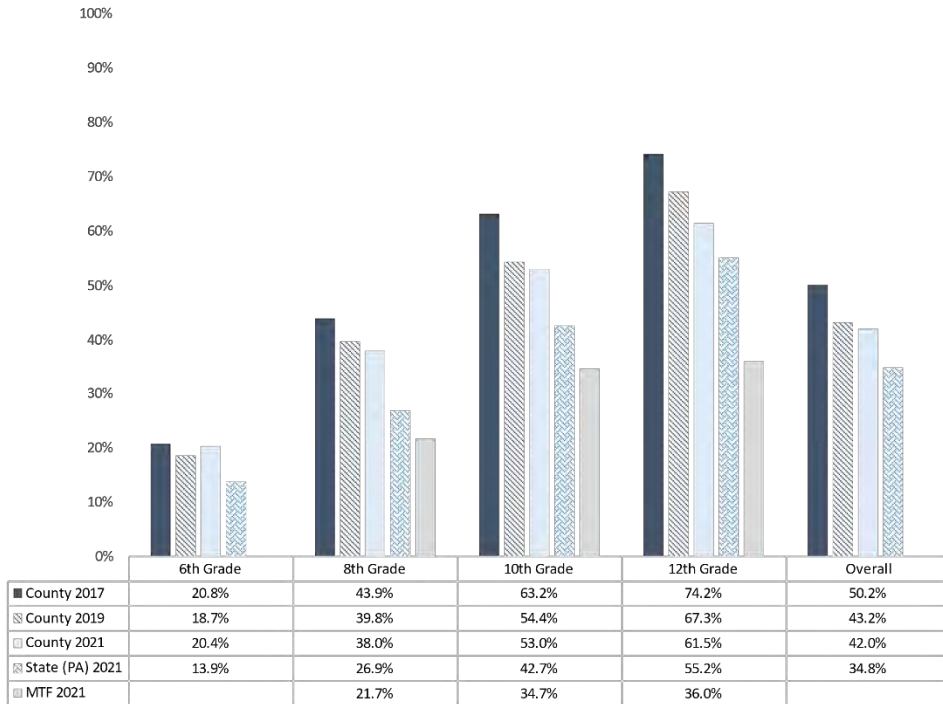
Figure 36: Alcohol Use Among Students, Cattaraugus County



Source: CARES Cattaraugus County Profile, 2021

As illustrated in **Figure 37**, the percentage of students who report alcohol use has decreased in McKean County since 2017, although the percentage remains higher than the MTF.

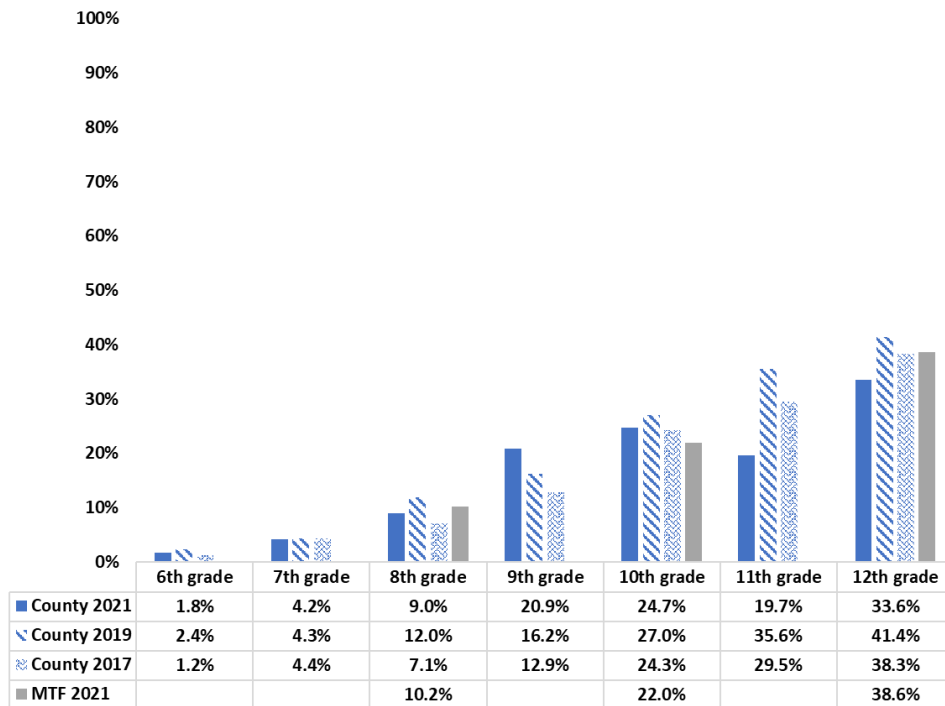
Figure 37: Alcohol Use Among Students, McKean County



Source: https://www.pccd.pa.gov/Juvenile-Justice/Documents/2021%20PAYS/County%20Reports%202021%20PAYS/County%20Reports_McKean%20County%20Profile%20Report.pdf

As illustrated in **Figure 38**, the percentage of students who report using marijuana has fluctuated with all grades reporting a decrease between 2019 and 2021. For grades with MTF comparison, in 2021 students in grade 10 (24.7%) reported higher use in comparison (22.0%).

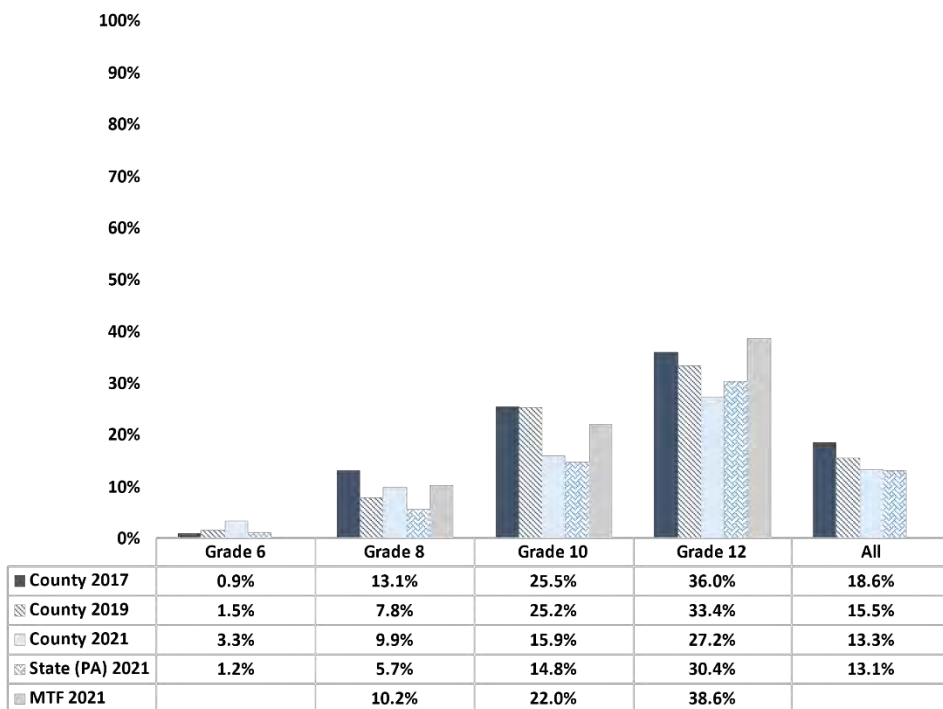
Figure 38: Marijuana Use Among Students, Cattaraugus County



Source: CARES Cattaraugus County Profile, 2021

As illustrated in **Figure 39**, the percentage of students in Grade 6 who report marijuana use has increased in McKean County since 2017, while decreasing overall for other grades with the exception of Grade 8 which increased between 2019 and 2021.

Figure 39: Marijuana Use Among Students, McKean County



Source: https://www.pccd.pa.gov/Juvenile-Justice/Documents/2021%20PAYS/County%20Reports%202021%20PAYS/County%20Reports_McKean%20County%20Pr ofile%20Report.pdf

Table 53 illustrates the rates for opioid related visits and discharges. Data reported is from the NY County Opioid Annual Reports and is the most recent data reported in each report. It is important to note that COVID-19 impacted admission to treatment programs which is why the decrease between 2019 and 2020. There was a decrease in emergency visits related to opioids and heroin between 2018 and 2019, although the administration of NARCAN (naloxone) increased in 2019 and 2020 suggesting people may not end up in the emergency department because they are being treated by first responders. There was also an increase in newborns with abstinence syndrome.

Table 53: Unique Clients Admitted for any Opioid, Cattaraugus County

	2018	2019	2020
All emergency department visits (including outpatient and admitted patients) involving any opioid overdose, crude rate per 100,000	65.1	31.5	
All emergency department visits (including outpatient and admitted patients) involving heroin overdose, crude rate 100,000	29.9	18.4	
Admissions to OASAS-certified chemical dependence treatment programs for any opioid (including heroin), crude rate per 100,000		669.5	474.7
Overdose deaths involving any opioid	*	*	
Unique naloxone administrations by EMS agencies, crude rate 1,000		3.2	5.3
Opioid burden, crude rate 100,000	213.4	177.4	
Newborns with neonatal abstinence syndrome and/or affected by maternal use of drugs of addiction, crude rate 1,000 newborn discharges	17.3	23.8	
Hospital discharges involving opioid use, crude rate 100,000	100.2	89.3	

*Suppressed when fewer than 10 deaths

Source: NYS County Opioid Annual Reports, 2020⁹⁸ and 2021⁹⁹

⁹⁸ https://www.health.ny.gov/statistics/opioid/data/pdf/nys_opioid_annual_report_2020.pdf

⁹⁹ https://www.health.ny.gov/statistics/opioid/data/pdf/nys_opioid_annual_report_2021.pdf

Table 54 outlines 2020-2021 opioid death rates and hospital utilization for Cattaraugus County and NYS (excluding NYC). The rate for the county has decreased and is lower in comparison to the state.

Table 54: Opioid overdose, rate per 100,000 population, 2020-2021, Cattaraugus County

Indicator	Location	2020 Total		Jan-Mar, 2021		Apr-Jun, 2021		Jul-Sep, 2021		Oct-Dec, 2021		2021 Total	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Deaths¹													
All opioid overdoses	Cattaraugus	12	15.4	3	3.9	3	3.9	1	1.3	2	2.6	9	11.6
	NYS excl. NYC	2,521	22.5	662	5.9	600	5.4	588	5.2	341	3.0	2,191	19.5
Heroin overdoses	Cattaraugus	1	1.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	NYS excl. NYC	541	4.8	101	0.9	74	0.7	67	0.6	36	0.3	278	2.5
Overdoses involving opioid pain relievers (incl. illicitly produced opioids such as fentanyl)	Cattaraugus	11	14.2	3	3.9	3	3.9	1	1.3	2	2.6	9	11.6
	NYS excl. NYC	2,454	21.9	650	5.8	590	5.3	576	5.1	335	3.0	2,151	19.2
Outpatient emergency department visits													
All opioid overdoses	Cattaraugus	55	70.8	14	18.0	18	23.2	12	15.4	10	12.9	54	69.5
	NYS excl. NYC	6,257	55.8	1,429	12.8	1,620	14.5	1,728	15.4	1,299	11.6	6,076	54.2
Heroin overdoses	Cattaraugus	36	46.3	10	12.9	12	15.4	s	s	0	0.0	26	33.5
	NYS excl. NYC	3,664	32.7	776	6.9	826	7.4	828	7.4	615	5.5	3,045	27.2
Opioid overdoses excluding heroin (incl. illicitly produced opioids such as fentanyl)	Cattaraugus	19	24.5	s	s	6	7.7	8	10.3	10	12.9	28	36.0
	NYS excl. NYC	2,593	23.1	653	5.8	794	7.1	900	8.0	684	6.1	3,031	27.0
Hospitalizations													
All opioid overdoses	Cattaraugus	11	14.2	s	s	s	s	s	s	s	s	7	9.0
	NYS excl. NYC	1,628	14.5	373	3.3	437	3.9	402	3.6	302	2.7	1,514	13.5
Heroin overdoses	Cattaraugus	s	s	s	s	s	s	s	s	0	0.0	s	s
	NYS excl. NYC	572	5.1	122	1.1	152	1.4	128	1.1	81	0.7	483	4.3
Overdoses involving opioid pain relievers (incl. illicitly produced opioids such as fentanyl)	Cattaraugus	7	9.0	0	0.0	s	s	s	s	s	s	s	s
	NYS excl. NYC	1,056	9.4	251	2.2	285	2.5	274	2.4	221	2.0	1,031	9.2

s: Data for indicators related to hospitalizations and emergency departments are suppressed for confidentiality purposes if there are fewer than 6 discharges.

Source: https://www.health.ny.gov/statistics/opioid/data/pdf/nys_jul22.pdf

Table 55 shows that the number of overdoses deaths from any drug has increased in the county, although it is decreasing statewide.

Table 55: Overdose Deaths Involving any Drug, Rate per 100,000 Population, McKean County

Region/County	Deaths (Crude Rate)				Population
	2016	2017	2018	2019	2019
McKean	17	19	20		40,950
Pennsylvania	37.9	44.3	36.1	35.6	12,800,000

Source: <https://www.dea.gov/sites/default/files/2019-10/PRB%20FINAL%20--%20BUL-132-19%20Drug-Related%20Overdose%20Deaths%20in%20Pennsylvania%2C%202018.pdf>

<https://www.kff.org/other/state-indicator/opioid-overdose-death-rates/?currentTimeframe=3&sortModel=%7B%22colId%22:%22Location%22,%22sort%22:%22asc%22%7D>

Table 56 shows the percentage of opioid related overdoses by drug in McKean and Pennsylvania. McKean County had a lower percentage of overdose deaths due to opioid related deaths when compared to Pennsylvania.

Table 56: Opioid Related Overdoses, Rate per 100,000, 2015-2020, McKean County

Region/County	Age Adjusted Death Rate
McKean	13.6
Pennsylvania	14.5

Source: <https://www.health.pa.gov/topics/HealthStatistics/HealthyPeople/Documents/current/county/ivp-20-opioid-overdose-death-rate.aspx>¹⁰⁰

Please refer to Appendix F for resources available in Cattaraugus and McKean Counties related to the NYS Prevention Agenda Promote Well-Being and Prevent Mental and Substance Use Disorders Action Plan.

¹⁰⁰ Data not reported for McKean County in recent years because rates are considered unreliable when they are based on a small number of events. The rates in this report are displayed as “DSU” (data statistically unreliable) whenever the number of events is less than 10.

Promote a Healthy and Safe Environment



PROMOTE A HEALTHY AND SAFE ENVIRONMENT

When looking at changes in promoting a healthy and safe environment from the 2019 CHA to the 2022 CHA, several indicators have worsened in recent years or when compared to New York:

- Unintentional injury is the fourth leading cause of all deaths in Cattaraugus County.
- Occupational injuries and emergency department visits due to falls is higher in Cattaraugus County when compared to NYS and NYS PA.
- The motor vehicle mortality, firearm fatalities and injury death rates for Cattaraugus County are higher than NYS.

When looking at changes in promoting a healthy and safe environment from the 2019 CHA to the 2022 CHA, several indicators have worsened in recent years or when compared to Pennsylvania:

- Accidents are the fifth leading cause of all deaths in McKean County.
- The motor vehicle mortality, firearm fatalities and injury death rates for McKean County are higher than Pennsylvania.

The New York State Prevention Agenda's "Promote a Healthy and Safe Environment Action Plan" includes the following focus areas:

- Injuries, Violence and Occupational Health
- Outdoor Air Quality
- Built and Indoor Environments
- Water Quality
- Food and Consumer Products

"Environment," incorporates all dimensions of the physical environment that impact health and safety.¹⁰¹

¹⁰¹ https://www.health.ny.gov/prevention/prevention_agenda/2019-2024/env.htm#FA1

Focus Area 1: Injuries, Violence and Occupational Health

According to the CDC, injury is the leading cause of death for children and adults between the ages of 1 and 45 nationwide. Injuries and violence affect everyone—regardless of age, race, or economic status. Unintentional injuries may be caused by motor vehicle crashes, older adult falls, drowning, poisoning, and traumatic brain injury.¹⁰²

Unintentional injury is the fourth leading cause of death in Cattaraugus County with a 2019 age-adjusted rate of 49.3 per 100,000. This is higher than the NYS excluding NYC rate of 39.6. Accidents are the fifth leading cause of death in McKean County with a rate of 49.5 in comparison to 61.0 for Pennsylvania¹⁰³. As demonstrated in **Figure 40** over the past nine years, both the single year and three-year average rates have fluctuated, although the single year rate is the higher than it had been the prior year as well as higher than the state excluding NYC.

Figure 40: Age-adjusted unintentional injury mortality rate per 100,000, Cattaraugus County



Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=/EBI/PHIG/apps/chir_dashboard/chir_dashboard&p=ctr&ind_id=Hd27a&cos=4

¹⁰² <https://www.cdc.gov/injury/about/index.html>

¹⁰³ <https://www.health.pa.gov/topics/HealthStatistics/VitalStatistics/CountyHealthProfiles/Documents/current/mckean.aspx>

Figure 41 illustrates the rate of violent crime in Cattaraugus County increased from 159.0 in 2018 to 197.7 in 2019, which was comparable to NYS when New York City is excluded (196.7). The county rate is the highest it has been since 2011.

Figure 41: Violent crime case rate per 100,000, Cattaraugus County



Source: https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fchir_dashboard%2Fchir_dashboard&p=ctr&ind_id=Ng121&cos=4

Table 57 illustrates the rate of violent crime offenses in McKean County. The county rate has been consistent at 288 over the last 3 years and is higher than it had been in prior years. The rate for Pennsylvania has also been consistent at 315 and is lower than the two years prior.

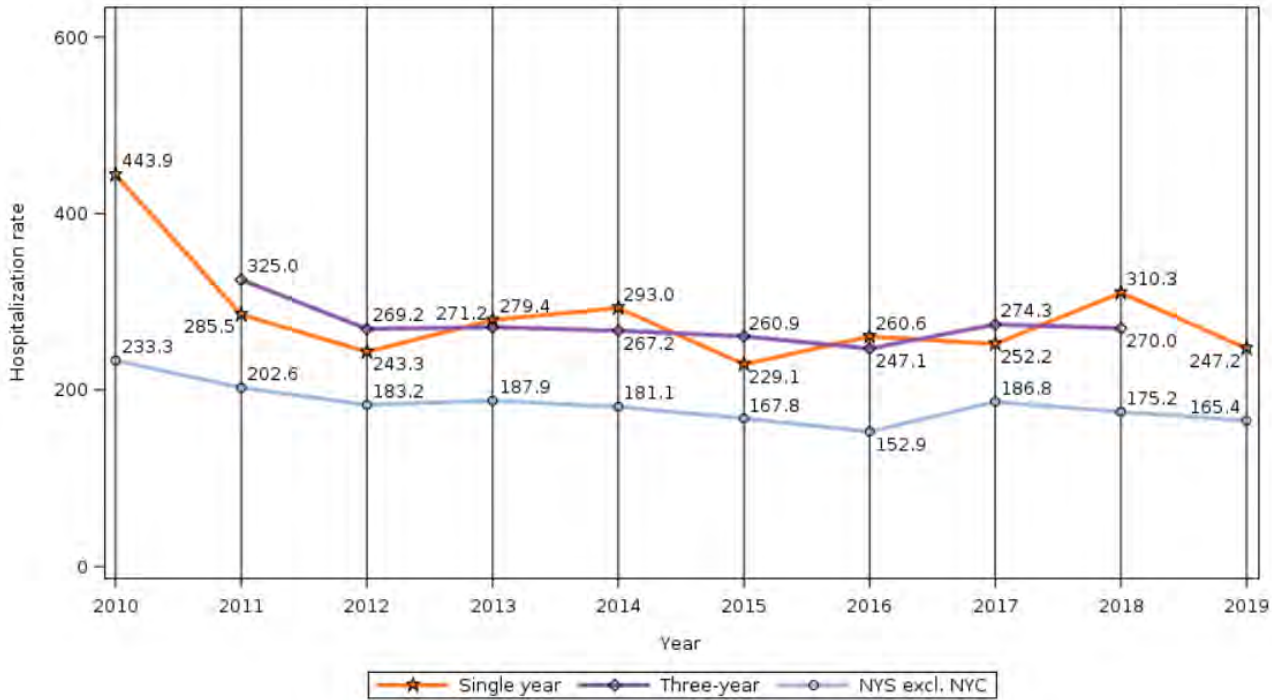
Table 57: Violent crime offenses, rate per 100,000, McKean County

	2016	2012-2014	2014-2016
McKean	200	283	288
Pennsylvania	357	333	315

Source: <https://www.countyhealthrankings.org/app/pennsylvania/2021/measure/factors/43/data>

Figure 42 illustrates the number of work related hospitalizations for those over the age of 16. In 2019, the county rate (247.2) was higher in comparison to NYS excluding NYC (165.4). Although the county rate decreased, there is an opportunity to provide education around workplace safety practices to local employers in an effort to reduce work related hospitalizations.

Figure 42: Work Related Hospitalizations¹⁰⁴, Per 100,000 Employed Persons Aged 16+, Cattaraugus County



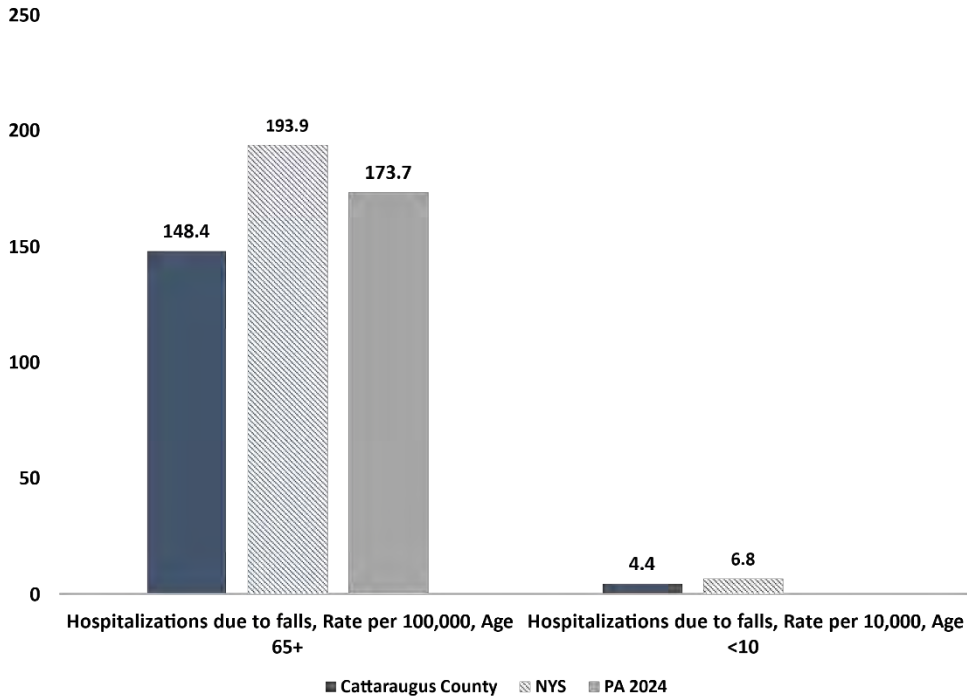
Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fchir_dashboard%2Fchir_dashboard&p=ctr&ind_id=Kg81&cos=4

¹⁰⁴ OSHA defines in-patient hospitalization as a formal admission to the in-patient service of a hospital or clinic for care or treatment. [https://www.osha.gov/laws-regs/regulations/standardnumber/1904/1904.39#:~:text=OSHA%20defines%20inpatient%20hospitalization%20as,1904.39\(b\)\(10\)](https://www.osha.gov/laws-regs/regulations/standardnumber/1904/1904.39#:~:text=OSHA%20defines%20inpatient%20hospitalization%20as,1904.39(b)(10))

Figure 43 illustrates that the rate of hospitalizations due to falls per 100,000 for those residents of the county aged 65+ years and per 10,000 for those under the age of 10. The county has a lower rate for both.

Figure 43: Hospitalizations Due to Falls Based on Age, Cattaraugus County 2019

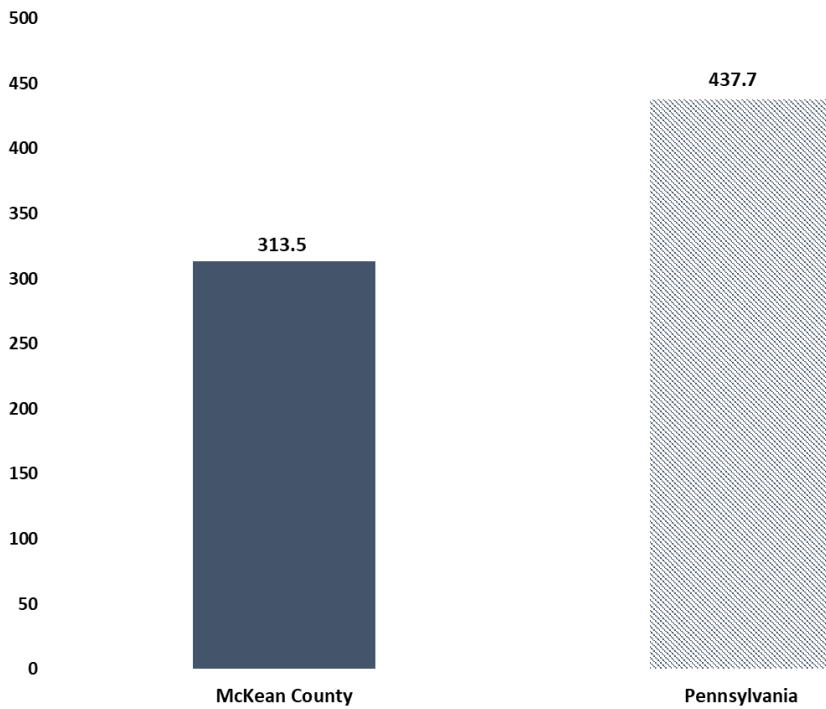


Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=/EBI/PHIG/apps/dashboard/pa_dashboard&p=ch
https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fchir_dashboard%2Fchir_dashboard&p=ctr&ind_id=Hh25&cos=4

Figure 44 illustrates that the rate of hospitalizations due to falls per 100,000 for those residents of McKean County.

Figure 44: Hospitalizations Due to Falls, McKean County 2019

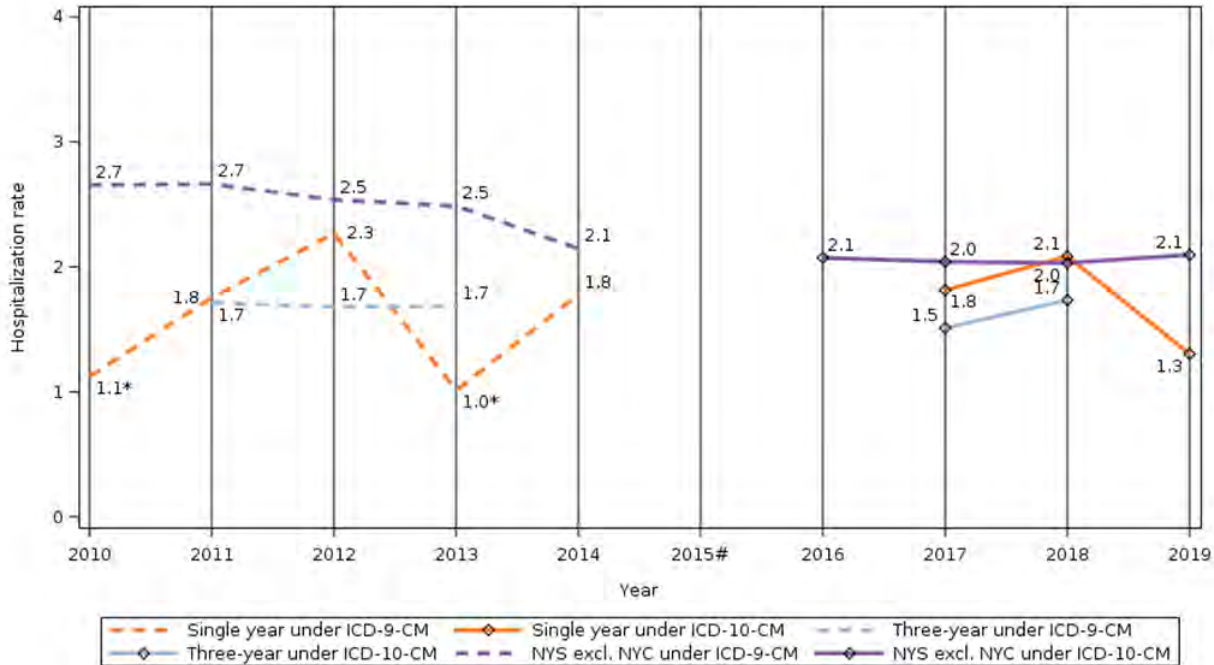


Source:

www.health.pa.gov/topics/HealthStatistics/VitalStatistics/CountyHealthProfiles/Documents/current/mckean.aspx

According to the CDC, violence includes adverse childhood experiences, intimate partner or domestic violence, sexual violence, suicide, and youth violence¹⁰⁵. **Figure 45** illustrates the rate of assault related hospitalization per 100,000 in Cattaraugus County¹⁰⁶. This rate has decreased and in 2019 was 1.3 for Cattaraugus County which is lower than the NYS rate of 2.1, and the Prevention Agenda objective rate of 4.3.

Figure 45: Assault-related hospitalization rate per 10,000 population, Cattaraugus County¹⁰⁷



Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fchir_dashboard%2Fchir_dashboard&p=ctr&ind_id=Hh17&cos=4

¹⁰⁵ <https://www.cdc.gov/injury/about/index.html>

¹⁰⁶

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fchir_dashboard%2Fchir_dashboard&p=ctr&ind_id=Hh17&cos=4

¹⁰⁷ The rate for 2015 is excluded due to SPARCS data transitioning on October 1, 2015 from ICD-9-CM to ICD-10-CM diagnosis codes. Since ICD-9-CM and ICD-10-CM are not comparable, an annual rate for 2015 cannot be calculated, and data for 2016-and-forward should not be compared with data for 2014-and-prior.

Table 58 shows the most common injury related hospitalizations for McKean County and Pennsylvania, with the highest percent related to falls. Hospitalizations related to falls, unspecified and struck by or against increased in the county.

Table 58: Top Injury Related Hospitalizations, McKean County

Type of Injury	2018		2019		2020	
	McKean County	Pennsylvania	McKean County	Pennsylvania	McKean County	Pennsylvania
Fall	52.5%	55.0%	54.8%	56.0%	55.7%	57.0%
Unspecified	8.2%	11.5%	13.4%	11.6%	16.2%	11.4%
Poisoning	19.0%	12.4%	14.9%	11.6%	11.9%	11.2%
Struck by/against	4.4%	3.5%	3.9%	3.2%	4.5%	3.1%
MTV Occupant	3.8%	4.9%	5.1%	4.8%	2.3%	4.6%

Source:

https://www.health.pa.gov/topics/HealthStatistics/BehavioralStatistics/InjuryStatistics/Documents/Injury_County_Profiles_2020.pdf

Focus Area 2: Outdoor Air Quality

The CDC reports that outdoor air quality has improved since the 1990s, but many challenges remain in protecting Americans from air quality problems. Ground-level ozone, the main part of smog, and particulate pollution are just two of the many threats to air quality and public health in the United States¹⁰⁸.

The relationship between elevated air pollution (especially fine particulate matter and ozone) and compromised health has been well documented. Negative consequences of ambient air pollution include decreased lung function, chronic bronchitis, asthma, and other adverse pulmonary effects. Long-term exposure to fine particulate matter increases premature death risk among people age 65 and older, even when exposure is at levels below the National Ambient Air Quality Standards. These harmful particles can be directly emitted from sources such as forest fires, or they can form when gases emitted from power plants, industrial operations, and automobiles react in the air. Almost 65,000 premature US deaths were related to adverse effects of outdoor fine particulate matter, and minority populations and those living in poverty are more likely to be exposed¹⁰⁹.

EPA reports that particulate matter contains microscopic solids or liquid droplets that are so small that they can be inhaled and cause serious health problems. Some particles less than 10 micrometers in diameter can get deep into the lungs and some may even get into the bloodstream. Of these, particles less than 2.5 micrometers in diameter, also known as fine particles or PM2.5, pose the greatest risk to health¹¹⁰.

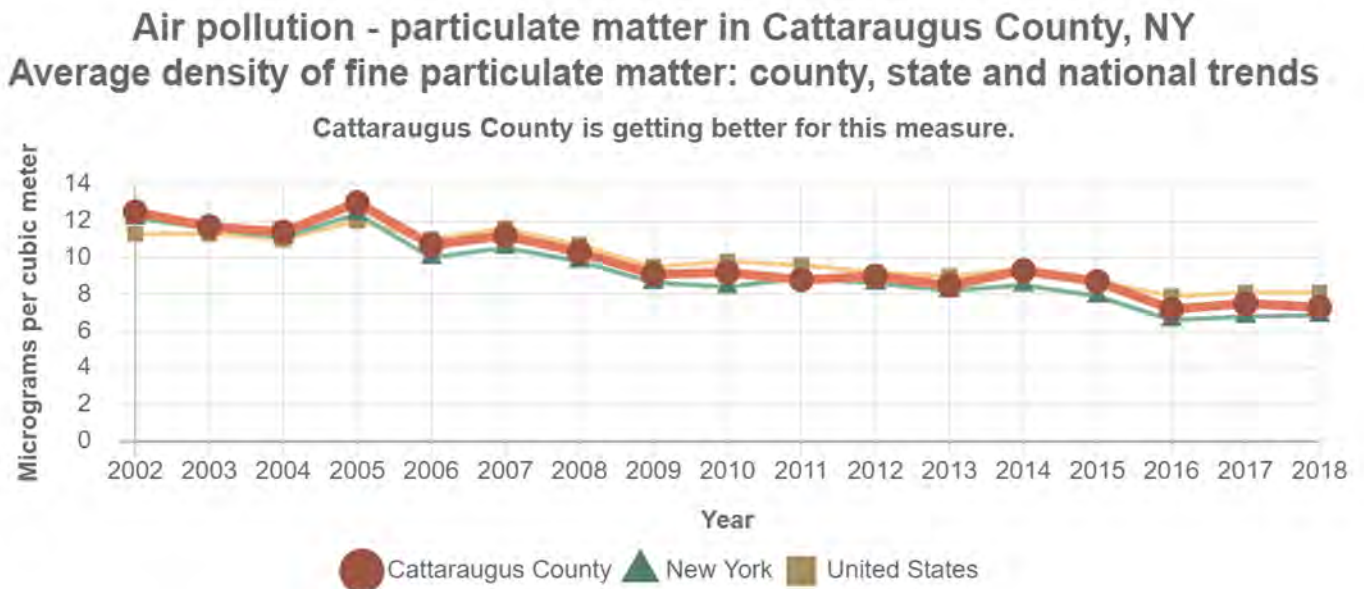
¹⁰⁸ <https://www.cdc.gov/air/default.htm>

¹⁰⁹ <https://www.countyhealthrankings.org/explore-health-rankings/measures-data-sources/county-health-rankings-model/health-factors/physical-environment/air-water-quality/air-pollution-particulate-matter>

¹¹⁰ <https://www.epa.gov/pm-pollution/particulate-matter-pm-basics#PM>

Figure 46 compares the average daily density of fine particulate matter in micrograms per cubic meter (PM2.5) for Cattaraugus County, New York and the United States. The county is comparable to the state and nation and has been steady over the past few years.

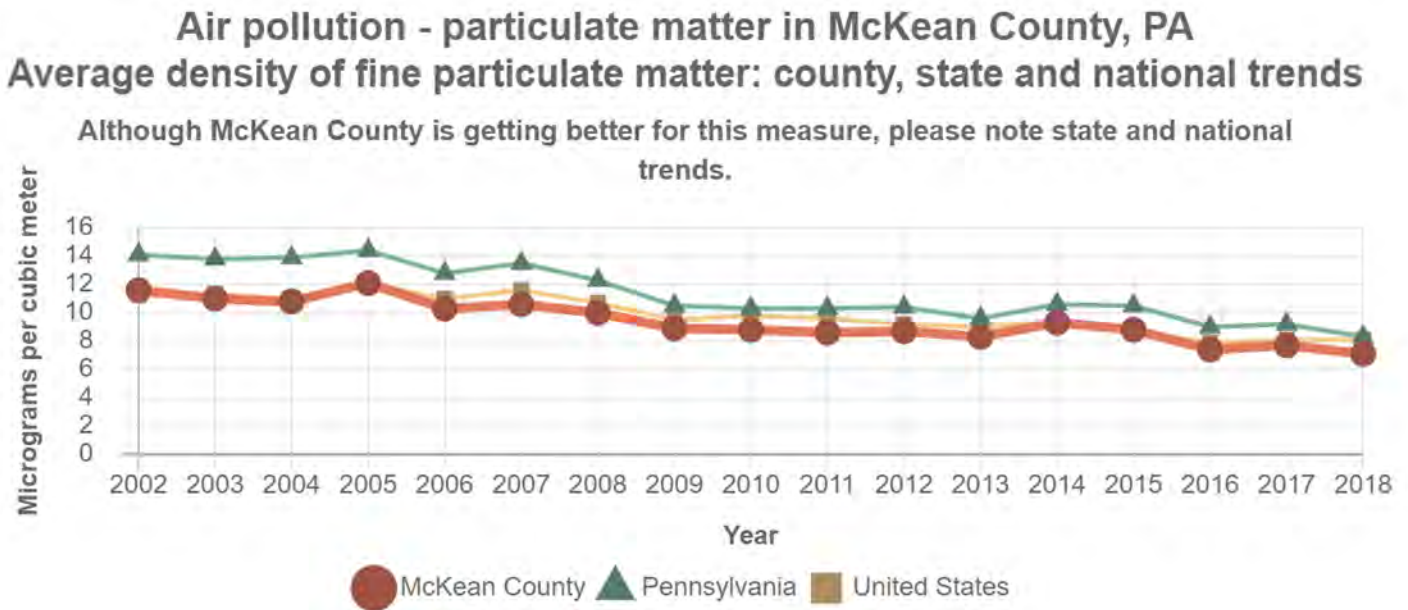
Figure 46: Air Pollution – Particulate Matter in Cattaraugus County, NY



Source: <https://www.countyhealthrankings.org/explore-health-rankings/new-york/cattaraugus?year=2022>

Figure 47 compares the average daily density of fine particulate matter in micrograms per cubic meter (PM2.5) for McKean County, Pennsylvania and the United States. The county is comparable to the state and nation and has been steady over the past few years.

Figure 47: Air Pollution – Particulate Matter in McKean County, Pennsylvania



Source: <https://www.countyhealthrankings.org/explore-health-rankings/pennsylvania/mckean?year=2022>

Table 59 shows Asthma emergency department visit crude rates per 10,000. Those with Asthma emergency department visits all ages and those age 0-4 for Cattaraugus County have crude rates below Western New York, and the state.

Table 59: Asthma Emergency Department Visit Rates per 10,000 – All Ages and Age 0-4 (2017-2019), Cattaraugus County

Indicator	Cattaraugus County	WNY	NYS
Asthma emergency department visit rate per 10,000 population – Age-adjusted	31.7	48.4	72.9
Asthma emergency department visit rate per 10,000 - Aged 0-4 years	59.9	110.2	153.1

Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fasthma_dashboard%2Fad_dashboard&p=ch&cos=4

The sub-county data for asthma hospitalizations per 10,000 population indicated that Delevan (69.7), Portville (62.1), Great Valley (59.4), Allegany (59.2) and Olean (59.1) were the leading municipalities showing the highest rate of ER visits for asthma. Overall, Cattaraugus County (45.3) had a lower rate of asthma related ER visits compared to NYS (116.1) and NYS excluding NYC (62.0).¹¹¹

Table 60 shows that the percentage of adults in the combined counties of Forest, Elk, Cameron, Clearfield, Jefferson, Clarion, McKean, Warren with asthma has increased and in 2017-2019 (13.0%) was higher than the state (10.0%) and nation (9.7%).

Table 60: Current Asthma, McKean County

Forest, Elk, Cameron, Clearfield, Jefferson, Clarion, McKean, Warren 2015-2017	Forest, Elk, Cameron, Clearfield, Jefferson, Clarion, McKean, Warren 2016-2018	Forest, Elk, Cameron, Clearfield, Jefferson, Clarion, McKean, Warren 2017-2019	Pennsylvania 2019	US 2019
11.0%	12.0%	13.0%	10.0%	9.7%

Source: Pennsylvania BRFSS

Focus Area 3: Built and Indoor Environment

Good health depends on having homes that are safe and free from physical hazards. When adequate housing protects individuals and families from harmful exposures and provides them with a sense of privacy, security, stability and control, it can make important contributions to health. In contrast, poor quality and inadequate housing contributes to health problems such as infectious and chronic diseases, injuries, and poor childhood development.

Severe Housing Problems is the percentage of households with one or more of the following housing problems: Housing unit lacks complete kitchen facilities; Housing unit lacks complete plumbing facilities; Household is overcrowded; or Household is severely cost burdened.

Table 61 shows the percentage of households with severe housing problems, both counties are lower in comparison to the respective states.

Table 61: Severe Housing Problems, 2021

Cattaraugus County	New York	McKean County	Pennsylvania
14.2%	23.5%	10.4%	14.7%

Source: <https://www.countyhealthrankings.org/explore-health-rankings/new-york/cattaraugus?year=2022>
<https://www.countyhealthrankings.org/explore-health-rankings/pennsylvania/mckean?year=2022>

¹¹¹

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fasthma_dashboard%2Fad_dashboard&p=mp&ind_id=ad4&cos=4

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

Households with higher housing cost burdens are more likely to experience some form of material hardship, including food insecurity, failing to pay a bill, and electing to forgo needed medical care¹¹². Severe cost burdened households spend 50% or more of their household income on housing.

Table 62 shows that fewer households are cost burdened in Cattaraugus and McKean counties in comparison to New York and Pennsylvania.

Table 62: Severe Cost Burdened, 2021

Cattaraugus County	New York	McKean County	Pennsylvania
11.2%	19.5%	9.2%	13.0%

Source: <https://www.countyhealthrankings.org/explore-health-rankings/new-york/cattaraugus?year=2022>
<https://www.countyhealthrankings.org/explore-health-rankings/pennsylvania/mckean?year=2022>

¹¹² <https://nlihc.org/sites/default/files/Housing-Cost-Burden-Material-Hardship-and-Well-Being.pdf>

Focus Area 4: Water Quality

Ensuring the safety of drinking water is important to prevent illness, birth defects, and death.¹¹³ Other health problems have been associated with contaminated water, including nausea, lung and skin irritation, cancer, kidney, liver, and nervous system damage.¹¹⁴

Based on the 2022 County Health Rankings Cattaraugus and McKean counties had drinking water violations. Drinking Water Violations has only two values: Yes and No. A “Yes” indicates that at least one community water system in the county received at least one health-based violation during the specified time frame. A “No” indicates that there were no health-based drinking water violations in any community drinking water system in the county¹¹⁵.



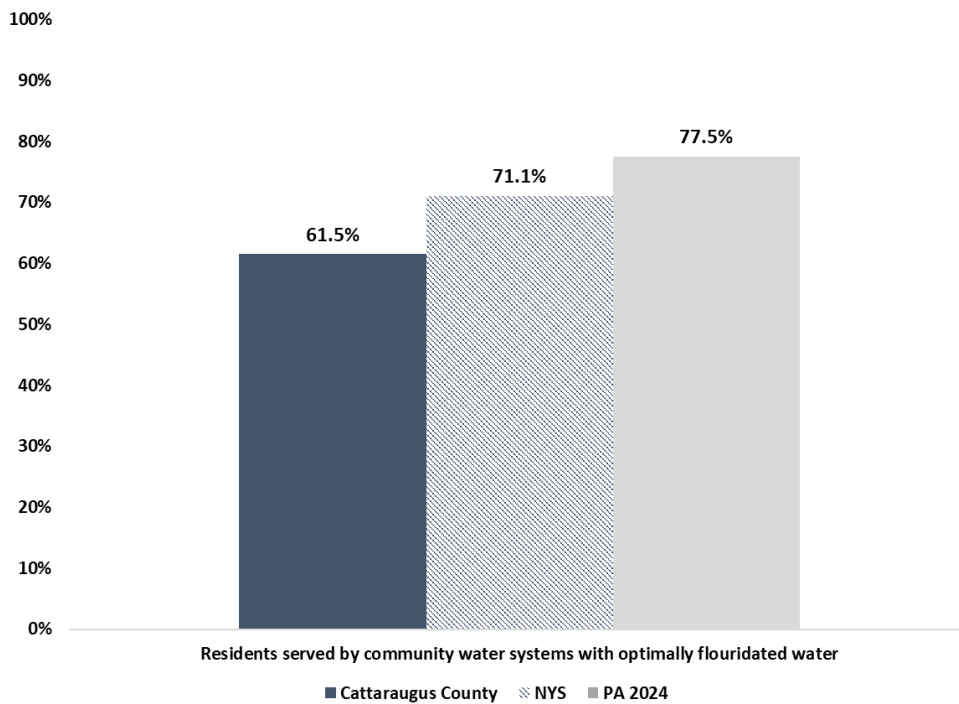
¹¹³ Gunther CF, Brunkard JM, Yoder JS, Roberts VA, Capenter J, et al. Causes of Outbreaks Associated with Drinking Water in the United States from 1971 to 2006. *Clinical Microbiology Reviews* July 7, 2010. <https://cmr.asm.org/content/23/3/507>

¹¹⁴ Hunter PR, MacDonald AM, and Carter RC. Water Supply and Health. *PLoS Med*; 7 (11). Nov 9, 2010

¹¹⁵ <https://www.countyhealthrankings.org/app/new-york/2022/measure/factors/124/map>;
<https://www.countyhealthrankings.org/app/pennsylvania/2022/measure/factors/124/map>

According to the CDC, many research studies have proven the safety and benefits of fluoridated water. For nearly 75 years, people in the United States have been drinking water with added fluoride and enjoying the benefits of better dental health. Drinking fluoridated water keeps teeth strong and reduces cavities. By preventing cavities, community water fluoridation has been shown to save money both for families and for the US health care system¹¹⁶. **Figure 48** illustrates that more than half of Cattaraugus County residents that are served by community water, have fluoridated water.

Figure 48: Water Indicators NYS Department of Health, Cattaraugus County



Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=/EBI/PHIG/apps/dashboard/pa_dashboard&p=it&ind_id=pa67_0

Focus Area 5: Food and Consumer Products

The goals of this focus area are to raise awareness of the potential presence of chemical contaminants and promote strategies to reduce exposure and improve food safety management. Under this focus area, objectives cover: gardening practices, fish and game consumption, awareness of chemicals and contaminants in consumer products, uniform food safety regulation at state and local jurisdictions and identifying contributing factors to foodborne outbreaks.

No indicators or data are available at the State level or were collected at the local level for this focus area.

¹¹⁶ <https://www.cdc.gov/fluoridation/index.html>

Table 63 and 64 and Figure 49 illustrate indicators as they relate to Promote a Healthy and Safe Environment action plan.

Table 63 outlines the County Health Rankings Environment Indicators for Cattaraugus and McKean counties and the States of New York and Pennsylvania. Both counties have a higher percentage of residents reporting frequent physical distress when compared to the states. The motor vehicle crash death rate and firearm fatalities also are higher in the counties in comparison to NYS and Pennsylvania.

Table 63: County Health Rankings Environment Indicators

		New York	Cattaraugus County	Pennsylvania	McKean County
Frequent physical distress	% Frequent Physical Distress	11%	14%	12%	14%
Motor vehicle crash deaths	MV Mortality Rate	6	52	9	38
Injury deaths	Injury Death Rate	53	279	93	142
Homicides	Homicide Rate	3	----	6	----
Firearm fatalities	Firearm Fatalities Rate	4	37	13	20
Violent crime	Violent Crime Rate	379	153	3151	121
Residential segregation – black/white	Segregation index	74	54	71	----
Residential segregation – non-white/white	Segregation Index	60	45	58	40
Social associations	Association Rate	8.1	15.0	12.2	79
Air pollution - particulate matter	Average Daily PM2.5	6.9	7.3	8.3	7.1
Drinking water violations	Presence of violation	N/A	Yes	N/A	Yes
Severe housing problems	% Severe Housing Problems	23%	14%	15%	10%
Driving alone to work	% Drive Alone	52%	81%	74%	80%
Long commute – driving alone	% Long Commute - Drives Alone	39%	29%	38%	31%

Source: <https://www.countyhealthrankings.org/explore-health-rankings/new-york/cattaraugus?year=2022>
<https://www.countyhealthrankings.org/explore-health-rankings/pennsylvania/mckean?year=2022>

Table 64 highlights responses to the 2022 Community Health Survey question, “Have the following social and environmental issues directly affected you or your family in the last two years?” The top three social and environmental issues as seen by Community Health Survey respondents (although in a slightly different order based on county) were: lack of safe roads and sidewalks (38.1% Cattaraugus, 48.4% McKean), lack of recreational opportunities (43.8% Cattaraugus, 47.6% McKean), and access to affordable healthy foods (31.8% Cattaraugus, 41.1% McKean). These are all areas where the CCHD could develop programs to address these issues.

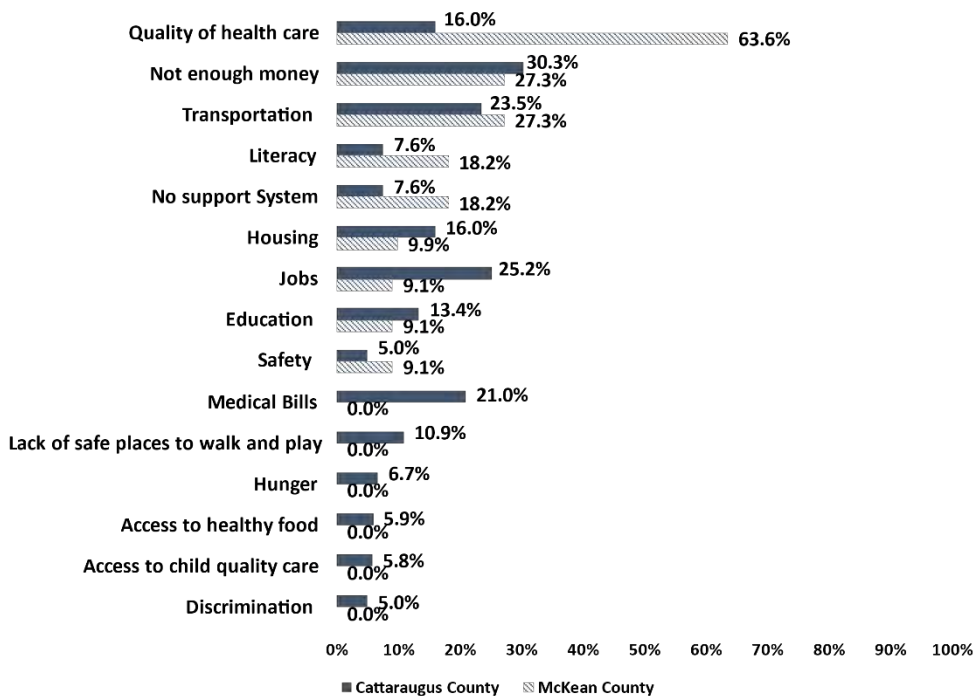
Table 64: Social and Environmental Issues

Social and Environmental Issues (% Affected)		
	Cattaraugus County	McKean County
Lack of Recreational Opportunities	43.8%	47.6%
Lack of Safe Roads and Sidewalks	38.1%	48.4%
Access to Affordable Healthy Foods	31.8%	41.1%
Poverty	20.2%	18.0%
Employment Opportunities/Lack of Jobs	17.3%	22.0%
Affordable and Adequate Housing	14.9%	14.0%
Lack of Quality After School Programs/Care	14.9%	9.4%
Lack of Early Childhood Care	12.2%	6.7%
Access to Fresh, Available Drinking Water	7.4%	10.8%
Homelessness	1.7%	1.5%

Source: Cattaraugus and McKean County Community Health Survey, 2022

The 2022 Cattaraugus and McKean County Community Intercept Survey asked respondents to identify community problems. **Figure 49** illustrates that almost two-third of the McKean County respondents (63.6%) identified quality of health care as a problem, followed by not enough money (27.3%) and transportation (27.3%). Almost a third of the respondents from Cattaraugus County (30.3%) identified not enough money as a community problem, followed by jobs (25.2%) and transportation (23.5%).

Figure 49: Community Problems, Community Intercept Survey



Source: Cattaraugus and McKean County Community Intercept Survey, 2022

Please refer to Appendix F for resources available in Cattaraugus and McKean Counties related to the NYS Prevention Agenda Promote a Healthy and Safe Environment Action Plan.

Promote Healthy Women, Infants and Children



PROMOTE HEALTHY WOMEN, INFANTS AND CHILDREN

When looking at changes in promoting healthy women, infants and children from the 2019 CHA to the 2022 CHA, several indicators have worsened in recent years or when compared to New York.

- The percentage of women age 18-44 who seek preventative care is lower in the county in comparison to NYS and NYS PA Objective.
- The maternal mortality rate is higher in the county in comparison to NYS and the NYS PA Objective.
- The teen birth rate in Cattaraugus County is higher than NYS.

When looking at changes in promoting healthy women, infants and children from the 2019 CHA to the 2022 CHA, the following indicator worsened in comparison to Pennsylvania:

- The teen birth rate in McKean County is higher than Pennsylvania.

The health of women, infants, children, and their families is fundamental to population health. Promoting healthy development, behaviors, and relationships early in life and during critical periods lays the groundwork for health promotion and disease prevention throughout the lifespan. Supporting the health and wellness of all women is essential to their current and lifelong well-being, regardless of their age, sexual or gender identity, pregnancy history, or future reproductive plans. Moreover, it requires a deep commitment to promoting health equity and eliminating racial, ethnic, economic, and other disparities.¹¹⁷

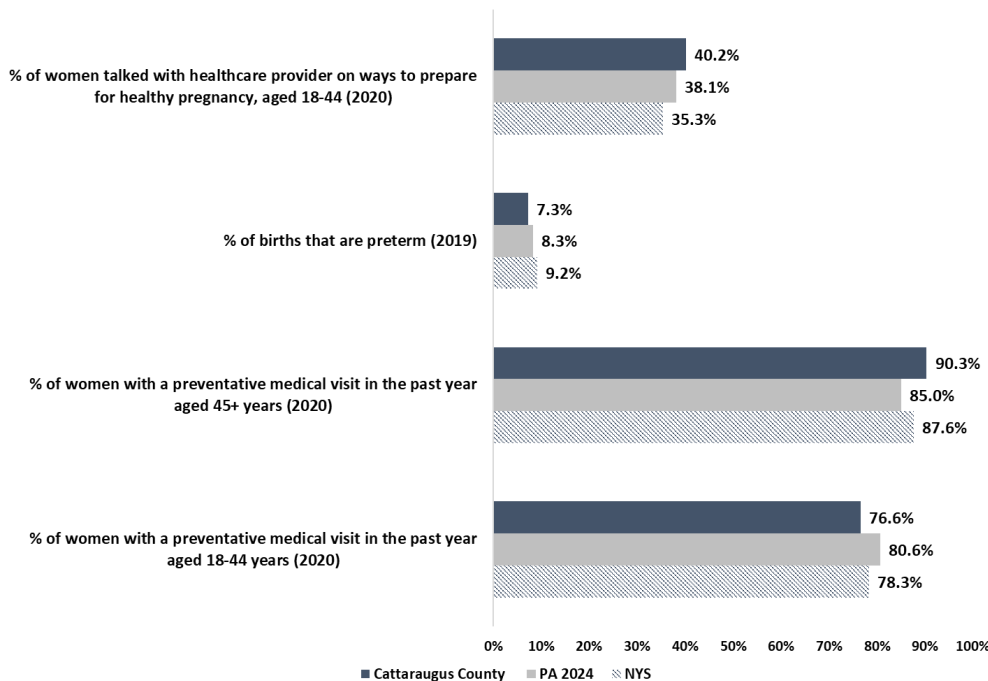
¹¹⁷ https://www.health.ny.gov/prevention/prevention_agenda/2019-2024/hwic.htm

Focus Area 1: Maternal & Women’s Health

Figures 50 and 51 illustrates selected Prevention Agenda indicators. A higher percentage of women in the county have talked to a healthcare provider about ways to prepare for a healthy pregnancy or have received preventative medical visits (aged 45+) in comparison to the state and PA 2024 target. The maternal mortality rate per 100,000 live births has worsened in Cattaraugus County (119.6) and is drastically higher in comparison to the state (16.0) and PA 2024 Target (19.3)

According to the World Health Organization, the high number of maternal deaths in some areas of the world reflects inequalities in access to quality health services and highlights the gap between rich and poor. Women die as a result of complications during and following pregnancy and childbirth. Most of these complications develop during pregnancy and most are preventable or treatable. Other complications may exist before pregnancy but are worsened during pregnancy, especially if not managed as part of the woman’s care¹¹⁸. The high maternal mortality rate may be due to disparities in cultural beliefs around access to care among the Amish community as well as Native American populations. The county is also very rural which impacts access to care.

Figure 50: Women, Infants and Children Prevention Agenda Indicators, Cattaraugus County

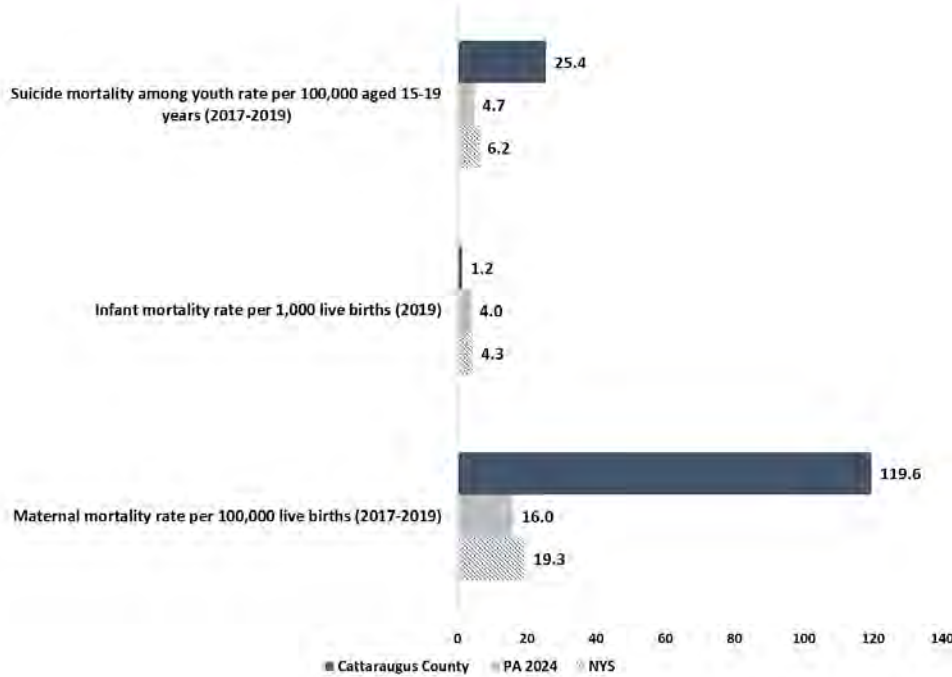


Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fdashboard%2Fpa_dashboard&p=ch&cos=4

¹¹⁸ <https://www.who.int/news-room/fact-sheets/detail/maternal-mortality>

Figure 51: Women, Infants and Children Prevention Agenda Indicators, Cattaraugus County



Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fdashboard%2Fpa_dashboard&p=ch&cos=4

Table 65 shows the teen birth rate per 1,000 for teens age 15-17 and age 18-19 for the county and state. The teen birth rate for Cattaraugus County for those age 15-17 increased between 2018 and 2019 and in 2019 (8.3) was double that of the state (4.7). The rate for those age 18-19 has decreased in the county, although in 2019 (23.4) remained higher than the state (20.6).

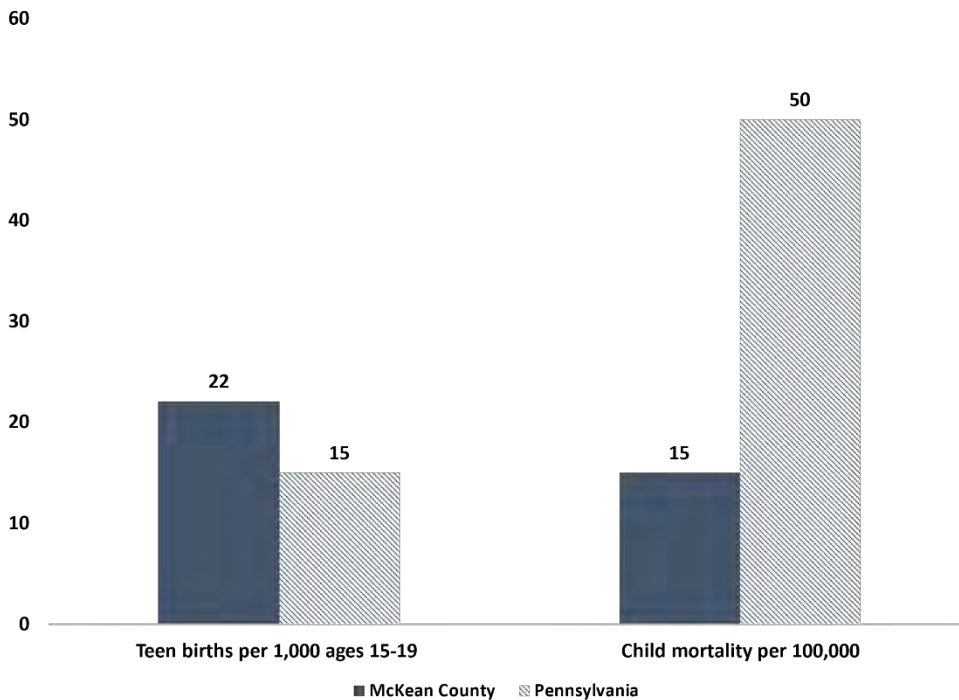
Table 65: Teen Birth Rate, Cattaraugus County

	2016	2018	2019
Cattaraugus County, Age 15-17	12.5	7.0	8.3
NYS, Age 15-17	5.7	4.8	4.7
Cattaraugus County, Age 18-19	39.7	35.9	23.4
NYS, Age 18-19	23.5	21.1	20.6

Source: <https://health.data.ny.gov/Health/Vital-Statistics-Live-Births-and-Fertility-Rates-b/c2tx-jecb>

Figures 52 and 53 illustrates selected Women, Infants and Children indicators. McKean County has a higher teen birth rate in comparison to Pennsylvania, although the child mortality rate is much lower in the county. The county is comparable to the state for the percentage of uninsured children under the age of 19 as well as the percentage of low birthweight babies.

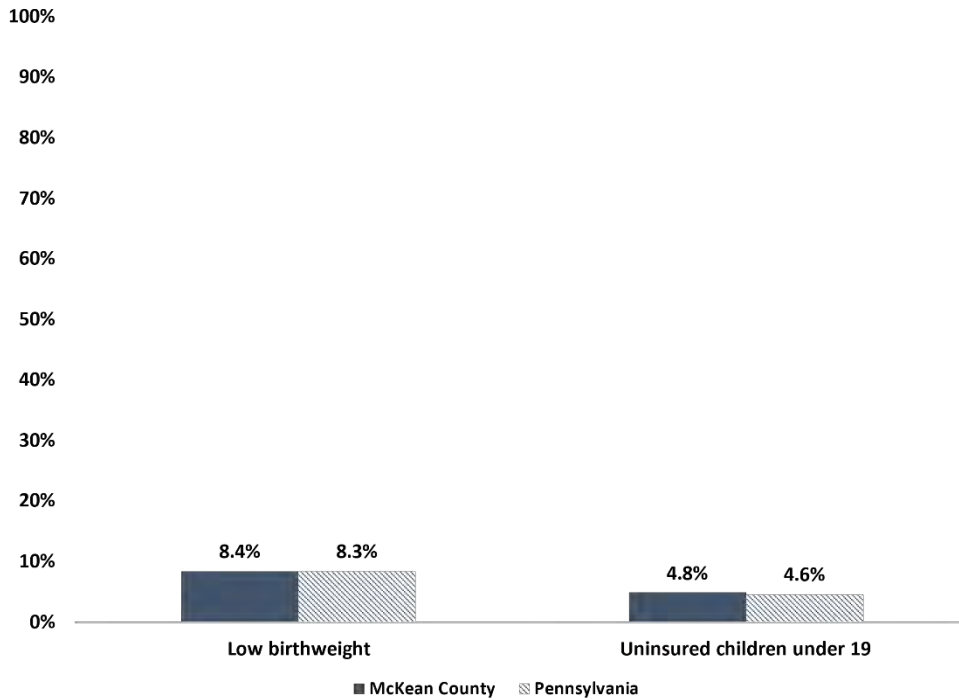
Figure 52: Women, Infants and Children Indicators, McKean County¹¹⁹



Source: <https://www.countyhealthrankings.org/explore-health-rankings/pennsylvania/mckean?year=2022>

¹¹⁹ The 2022 County Health Rankings data for teen birth rate data is from the National Center for Health Statistics and is reported for years 2014-2020. Data for child mortality is from the same source for years 2017-2020.

Figure 53: Women, Infants and Children Prevention Agenda Indicators, McKean County



Source: <https://www.countyhealthrankings.org/explore-health-rankings/pennsylvania/mckean?year=2022>

Table 66 highlights responses to the 2022 Community Health Survey question for females only, “How long has it been since your last Pap test?” Almost two thirds of female respondents in Cattaraugus County (64.5%) said they had their last Pap test between six months and two years, while just under half of those from McKean County (49.5%) had the test during this timeframe.

Table 66: Length of Time Since Last Pap Test

How long has it been since your last Pap test?				
	Cattaraugus County (N=528)		McKean County (N=443)	
	Number	Percent	Number	Percent
Less than 6 months	100	18.9%	50	11.3%
6 months to less than 12 months	137	25.9%	76	17.2%
12 months to less than 2 years	104	19.7%	93	21.0%
2 years to less than 5 years	91	17.2%	108	24.4%
5 years or more	81	15.3%	111	25.1%
Never had one	15	2.8%	5	1.1%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Table 67 highlights responses to the 2022 Community Health Survey question for females only, “How long has it been since your last Mammogram?” Over half of the female survey respondents indicated that they had a mammogram within the last two years. It is important to note that 207 (39.2%) of respondents from Cattaraugus County and 132 (29.7%) of respondents from McKean County who answered this question were below the recommended age (44 years) to receive a mammogram.

Table 67: Length of Time Since Last Mammogram

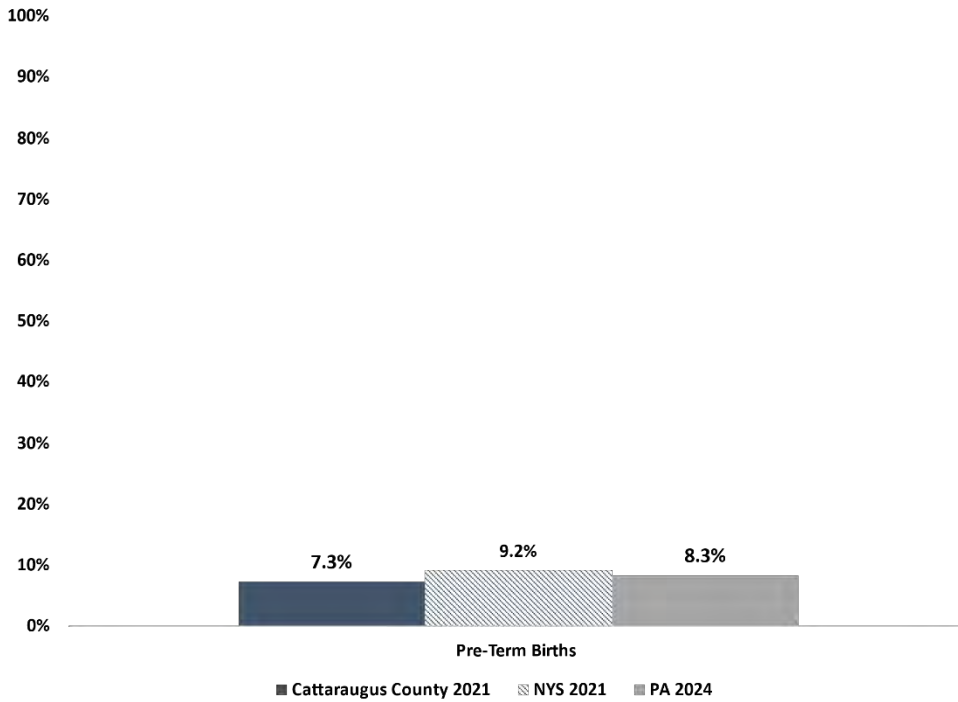
How long has it been since your last Mammogram?				
	Cattaraugus County (N=528)		McKean County (N=444)	
	Number	Percent	Number	Percent
Less than 6 months	115	21.8%	121	27.3%
6 months to less than 12 months	132	25.0%	129	29.1%
12 months to less than 2 years	72	13.6%	55	12.4%
2 years to less than 5 years	48	9.1%	39	8.8%
5 years or more	25	4.7%	16	3.6%
Never had one	136	25.8%	84	18.9%

Source: Cattaraugus and McKean County Community Health Survey, 2022

Focus Area 2: Perinatal and Infant Health

Figure 54 shows the pre-term births for Cattaraugus County overall (7.3%) compared to NYS (9.2%) and the Prevention Agenda 2024 Goal (8.3%). The county has fewer pre-term births in comparison to the state and the PA 2024 Goal.

Figure 54: Pre-term Births, Cattaraugus County



Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fdashboard%2Fpa_dashboard&p=ch&cos=4

Infant mortality is the death of an infant prior to his or her first birthday. **Table 68** displays sub-county data for infant deaths in Cattaraugus County, and it shows that during 2017-2019, the overall infant death rate was highest in the town of Machias (14101), with a rate of 16.9. The overall 2017-2019 infant death rate in Cattaraugus County, which is 4.1 per 1,000 live births, is lower than that of NYS, which is 4.4 (see **Table 69**).¹²⁰

Neonatal mortality is the death of a live-born infant during the first 28 days after birth. **Table 68** also displays sub-county data for neonatal mortality in Cattaraugus County, and it shows that the areas with the highest neonatal mortality rate is similar to the towns and cities with the highest infant mortality rate. The highest neonatal mortality rate was in the town of Machias (14101), with a rate of 16.9.¹²¹ The overall 2017-2019 neonatal mortality rate for Cattaraugus County, which is 3.3 per 1,000 live births, is slightly higher than that of NYS, which is 2.9 (see **Table 70**).¹²²

Low birth weight (LBW) is a birth weight of a live born infant that is less than 2,500 g (5 pounds 5 ounces) regardless of gestational age. **Table 68** also displays sub-county data for low birth weight in Cattaraugus County. The highest percentage of resident live births classified as low birth weight is in the town of East Otto (14729), which is 15.4%. The low birth weight percentage for Cattaraugus County overall is 6.2%, this is lower than the NYS rate which is 8.1% (see **Table 69**).¹²³

¹²⁰ 2017-2019 New York State Vital Statistics as of June 2019

¹²¹ <https://www.health.ny.gov/statistics/chac/perinatal/county/2017-2019/cattaraugus.htm>

¹²² <https://www.health.ny.gov/statistics/chac/perinatal/county/2017-2019/regions.htm>

¹²³ <https://www.health.ny.gov/statistics/chac/perinatal/county/2017-2019/cattaraugus.htm>

Table 68: County/Zip Code Perinatal Data Profile 2017-2019, Cattaraugus County

ZIP Code	Total Births 2017-2019	Percent of Births					Infant and Neonatal Deaths, Rate per 1,000 Live Births				Teen Rates per 1,000	
		Premature Birth	Low Birth Weight	Unmarried Parent	Medicaid or Self-pay	Late or No Prenatal Care	Infant Deaths 2017-2019	Infant Deaths Rate	Neonatal Deaths 2017-2019	Neonatal Deaths Rate	Teen Birth Rate	Teen Pregnancy Rate
14042	161	9.3	5	42.2	37.3	2.5	1	6.2	1	6.2	23.4	28.6
14065	64	14.3	7.8	37.5	46	13.6	0	0	0	0	6.1	18.2
14101	59	3.4	3.4	69.5	54.2	1.8	1	16.9	1	16.9	12.8	19.2
14129	60	8.5	3.3	46.7	49.2	1.7	0	0	0	0	29.6	44.4
14138	95	15	7.4	27.4	44.3	15.5	0	0	0	0	20.5	20.5
14171	51	13.7	11.8	35.3	15.7	4	0	0	0	0	25.6	38.5
14706	144	10.5	7.6	41	44.8	1.4	0	0	0	0	2.1	5.6
14719	135	9.2	4.4	33.3	36.4	9.5	0	0	0	0	16.7	22.2
14726	192	13.6	2.6	8.3	73.3	45.1	2	10.4	2	10.4	29.9	29.9
14729	26	20	15.4	42.3	40	4.5	0	0	0	0	*	*
14731	26	15.4	11.5	42.3	50	0	0	0	0	0	0.0	0.0
14737	132	9.5	4.5	38.6	50	11.1	0	0	0	0	16.0	18.7
14741	39	0	2.6	56.4	36.8	0	0	0	0	0	11.9	23.8
14743	36	8.3	2.8	38.9	38.9	0	0	0	0	0	6.7	13.3
14748	31	12.9	12.9	61.3	32.3	3.2	0	0	0	0	*	*
14753	26	11.5	7.7	73.1	42.3	11.5	0	0	0	0	18.5	27.8
14755	101	7.1	4	37.6	44.8	6	0	0	0	0	16.9	16.9
14760	584	9.8	7	57.9	58.2	3.4	2	3.4	1	1.7	17.0	22.1
14770	88	11.4	3.4	54.5	48.9	4.5	0	0	0	0	24.1	32.1
14772	153	14.2	6.5	31.4	30	5.2	1	6.5	0	0	4.8	11.9
14779	246	11.4	8.5	78.5	55.3	7	1	4.1	1	4.1	48.8	61.8
Total	2,456	10.4	6.2	46.5	48.4	6	10	4.1	8	3.3	16.7	22.5

Source: <https://www.health.ny.gov/statistics/chac/perinatal/county/2017-2019/cattaraugus.htm>

Table 69: New York State Regional Perinatal Data Profile – 2017-2019

Region	Total Births 2017-2019	Percent of Births					Infant and Neonatal Deaths, Rate per 1,000 Live Births				Teen Rates per 1,000	
		Premature Birth	Low Birth Weight	Unmarried Parent	Medicaid or Self-pay	Late or No Prenatal Care	Infant Deaths 2017-2019	Infant Deaths Rate	Neonatal Deaths 2017-2019	Neonatal Deaths Rate	Teen Birth Rate	Teen Pregnancy Rate
New York City	322,797	10.6	8.4	37.5	59.5	6.6	1,266	3.9	825	2.6	12.0	29.8
New York State excluding New York City	351,402	10.7	7.7	38.4	40	4.3	1,677	4.8	1,121	3.2	10.9	18.4
New York State	674,199	10.7	8.1	38	49.4	5.4	2,943	4.4	1,946	2.9	11.3	22.8

Source: 2017-2019 New York State Vital Statistics Data as of June 2019

Table 68 also displays sub-county data for teen pregnancies in Cattaraugus County, and it shows that teen pregnancy rate is the highest in the city of Salamanca, NY, which is 61.8. The towns of Perrysburg and West Valley, follow with teen pregnancy rates of 44.4 and 38.5 respectively.¹²⁴ The teen pregnancy rate in Cattaraugus County overall is 22.5 (see **Table 68**), which is higher than NYS, which is 22.8 (see **Table 69**).¹²⁵

Table 70: Infant Deaths, Neonatal Deaths, Post Neonatal Deaths and Perinatal Mortality by Resident County New York State – 2019, Cattaraugus County

County/State	% of births delivered by cesarean section	Mortality rate per 1,000 live births (infant < 1 year)	# Mortality rate per 1,000 live births (neonatal < 28 days)	Mortality rate per 1,000 live births (post neonatal 1 month-1 year)	Mortality rate per 1,000 live births (fetal death 20+ weeks gestation)	Maternal Mortality rate per 100,000 live births	% very low birthweight
Cattaraugus	28.6	4.0	3.2	0.8	5.2	119.6	1.0
NYS	33.6	4.4	2.9	1.5	6.4	19.3	1.4

Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fdashboard%2Fpa_dashboard&p=ch&cos=4

Table 71: Infant Deaths, Neonatal Deaths, Post Neonatal Deaths and Perinatal Mortality by Resident County Pennsylvania – 2019, McKean County

County/State	% of births delivered by cesarean section	Mortality rate per 1,000 live births (infant < 1 year)	# Mortality rate per 1,000 live births (neonatal < 28 days)	Mortality rate per 1,000 live births (post neonatal 1 month-1 year)	% very low birthweight
McKean County	33.2	ND	ND	ND	ND
Pennsylvania	30.2	5.9	4.1	1.8	1.4

ND = Not displayed when count is less than 10, or data is not available. Rates are per 1,000 females.

Source: Pennsylvania Department of Health

¹²⁴ <https://www.health.ny.gov/statistics/chac/perinatal/county/2017-2019/cattaraugus.htm>

¹²⁵ <https://www.health.ny.gov/statistics/chac/perinatal/county/2017-2019/regions.htm>

Focus Area 3: Child and Adolescent Health

Supporting the healthy social-emotional development of children has emerged as a public health priority. Social-emotional development is foundational to children’s development in other domains, school readiness and success, and lifelong health and well-being. Adverse childhood experiences (ACEs) including abuse and neglect, parental mental illness and addiction, family separation, and other traumatic experiences can have profound impact on children’s development. ACEs are associated with significantly increased risk for a wide range of chronic health conditions and risk factors later in life as well as adverse pregnancy outcomes such as preterm birth.

Strategies to increase individual foundational knowledge and skills for those working with children and families are a key element of building an effective capacity and response. A variety of state projects and national resources are available for individual practitioners and organizations to support this aspect of workforce development¹²⁶.

Focus Area 4: Cross Cutting Healthy Women, Infants and Children

The goal of this focus area is to support and enhance children and adolescents' social-emotional development and relationships. Under this focus area, objectives cover increasing the number of children who receive a developmental screening; increasing the percent of children who are treated for a mental/behavioral health condition; decreasing the number of children who felt sad and hopeless for more than two weeks in a row; and decreasing the suicide mortality rate for youth ages 15 -19. Other interventions in this focus area related to children with special health care needs and reducing dental carries among children.

Table 72 shows that suicide mortality among those aged 15-19 years has increased in Cattaraugus County, while remaining fairly steady for the state (excluding New York City). In 2019, the rate in Cattaraugus County was 5 times higher in comparison to the state.

¹²⁶ https://health.ny.gov/prevention/prevention_agenda/2019-2024/docs/ship/nys_pa.pdf

Table 72: Suicide Mortality Rate Per 100,000, Aged 15-19 Years



Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fchir_dashboard%2Fchir_dashboard&p=ctr&ind_id=Hd25&cos=4

Please refer to Appendix F for resources available in Cattaraugus and McKean Counties related to the NYS Prevention Agenda Promote Healthy Women, Infants and Children Action Plan.

Prevent Communicable Diseases



PREVENT COMMUNICABLE DISEASES

When looking at changes in preventing communicable disease from the 2019 CHA to the 2022 CHA, the following is lower in comparison to New York:

- The percent of children aged 13 with complete HPV vaccination series is lower than the NYS rate and the Prevention Agenda Objective.

When looking at changes in preventing communicable disease from the 2019 CHA to the 2022 CHA, the following has increased:

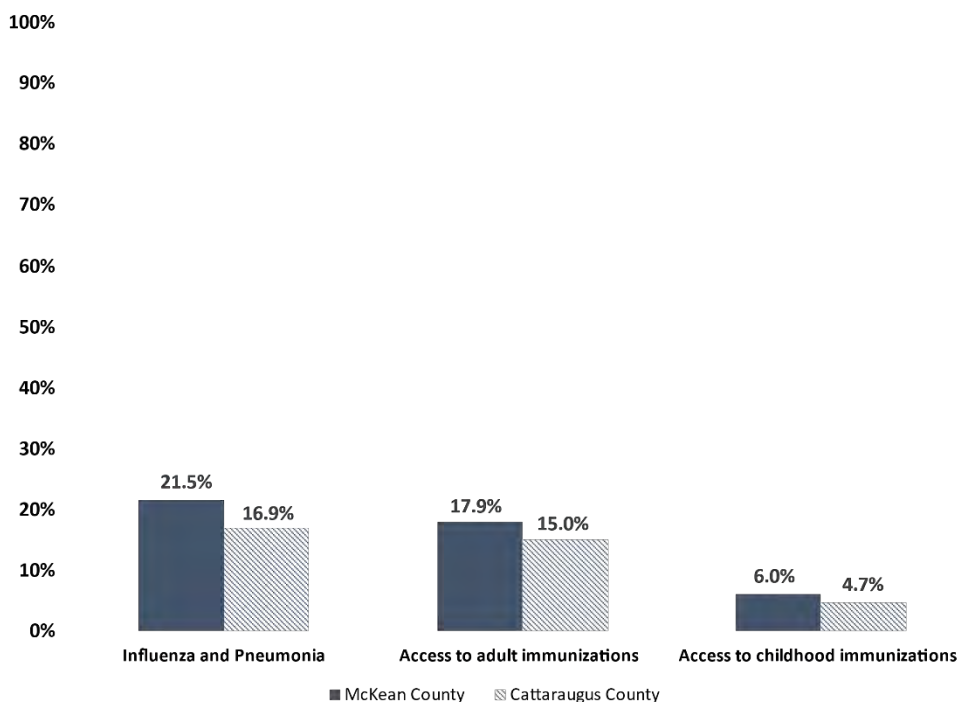
- The HIV prevalence rate has increased in McKean County.

A communicable disease is an illness or infection that can be spread from person to person, animal to person, animal to animal or person to animal. Communicable diseases contribute to sickness and death in New York State and Pennsylvania and are preventable.

Focus Area 1: Vaccine Preventable Diseases

Figure 55 below reports the number of respondents from the 2022 Community Health Survey that indicated they or someone in their household had a communicable disease (e.g., influenza and pneumonia) or difficulty accessing adult or child immunizations.

Figure 55: Communicable Diseases, Community Health Survey

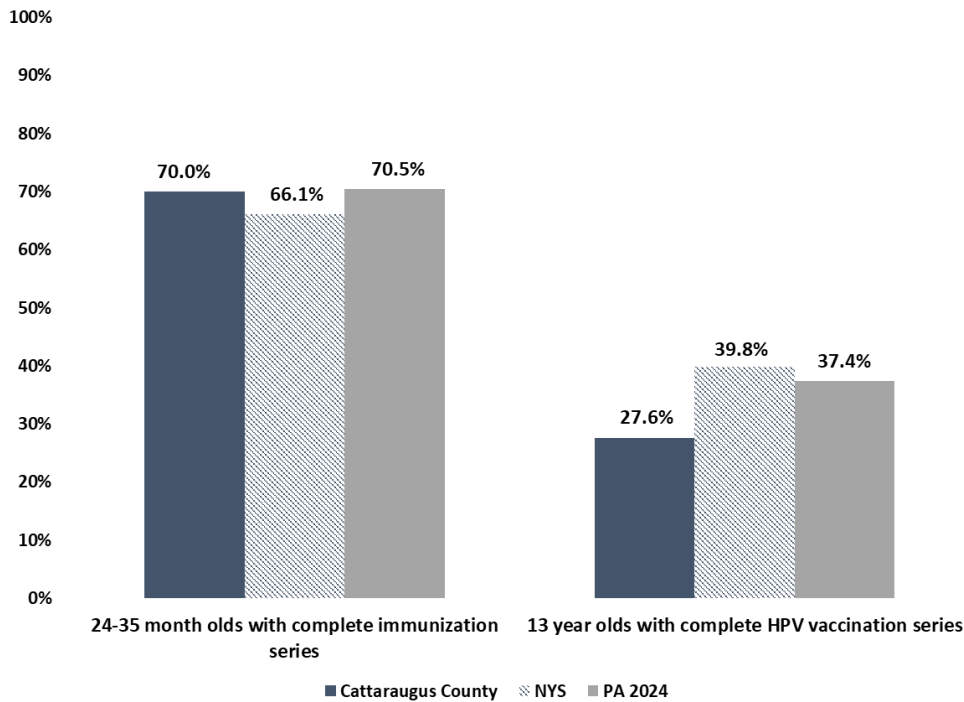


Source: Cattaraugus and McKean County Community Health Survey, 2022

As illustrated in **Figure 56**, the percentage of 13-year-olds with the complete HPV vaccine series (27.6%) is lower than NYS (39.8%), as well as the NYS PA Objective (37.4%). The percentage of Children (age 24-35 months) receiving immunizations (70.0%) in the county is higher than NYS (66.1%) and comparable to the PA Objective (70.5%).

Vaccination data is not available for McKean County.

Figure 56: Communicable Diseases: Immunization Rates, Cattaraugus County



Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FFHIG%2Fapps%2Fdashboard%2Fpa_dashboard&p=ch&cos=4

Focus Area 2: Human Immunodeficiency Virus (HIV)

Although data is unstable, in **Figure 57** there was a decrease in the rate per 100,000 new HIV cases in Cattaraugus County between 2011-2013 and 2017-2019 (3.0) and in 2017-2019, was lower in comparison to the NYS Prevention Agenda (5.2). As reported on the NYS Prevention Agenda Dashboard the state rate in 2017-2019 was 13.1¹²⁷, with the county falling well below the state rate.

Figure 57: Newly Diagnosed HIV Cases, Rate Per 100,000, Cattaraugus County



Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=/EBI/PHIG/apps/dashboard/pa_dashboard&p=ctr&ind_id=pa43_0%20&cos=4

* Fewer than 10 events in the numerator, therefore the rate/percentage is unstable.

¹²⁷ https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FPHIG%2Fapps%2Fdashboard%2Fpa_dashboard&p=ch&cos=4

Table 73 below shows the HIV prevalence rate per 100,000 for Cattaraugus County, and **Table 74** shows the rate for McKean County. County Health Rankings looks at HIV prevalence as the number of people aged 13 years and older living with a diagnosis of human immunodeficiency virus (HIV) infection per 100,000 population¹²⁸. Between 2021 and 2022 the rate decreased in Cattaraugus County, but increased in McKean County, although both were below the respective states.

Table 73: HIV Prevalence, Rate Per 100,000, Cattaraugus County

HIV Prevalence Rate Per 100,000					
	2018	2019	2020	2021	2022
Cattaraugus County	124	124	135	131	123
New York	769	769	760	765	765

Source: <https://www.countyhealthrankings.org/explore-health-rankings/new-york/cattaraugus?year=2022>

Note: County Health Rankings data reported is for the three years prior, for example data reported in 2022 is from 2019

Table 74: HIV Prevalence, Rate Per 100,000, McKean County

HIV Prevalence Rate Per 100,000					
	2018	2019	2020	2021	2022
McKean County	68	68	N/A	37	51
Pennsylvania	314	314	N/A	331	334

Source: <https://www.countyhealthrankings.org/explore-health-rankings/pennsylvania/mckean?year=2022>

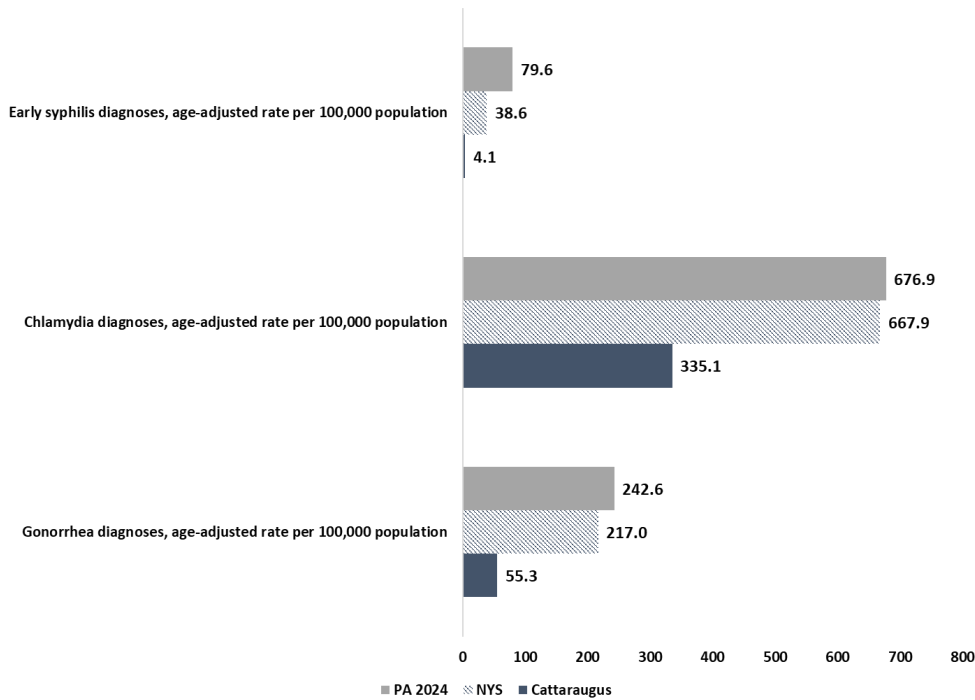
Note: County Health Rankings data reported is for the three years prior, for example data reported in 2022 is from 2019

¹²⁸ <https://www.countyhealthrankings.org/app/new-york/2022/measure/outcomes/61/data>

Focus Area 3: Sexually Transmitted Infections (STIs)

As shown in **Figure 58**, Cattaraugus County has lower rates of early syphilis, chlamydia and gonorrhea in comparison to the state and PA 2024.

Figure 58: Communicable Diseases: Sexually Transmitted Infections, Cattaraugus County

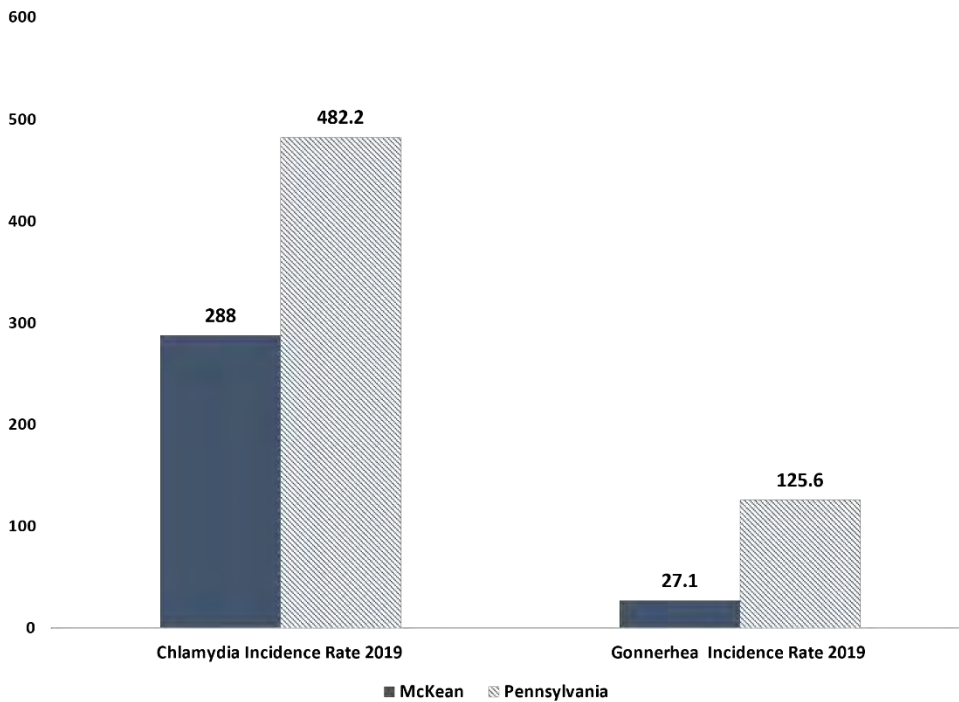


Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=%2FEBI%2FFHIG%2Fapps%2Fdashboard%2Fpa_dashboard&p=ch&cos=4

As shown in **Figure 59**, McKean County has lower rates of chlamydia and gonorrhea in comparison to the state. The county rates are significantly¹²⁹ lower in comparison to the state.

Figure 59: Communicable Diseases: Sexually Transmitted Infections, McKean County



Source: Pennsylvania Department of Health, Enterprise Data Dissemination Informatics Exchange
<https://www.phaim1.health.pa.gov/EDD/>

¹²⁹ Statistical significance is determined by the Pennsylvania Department of Health and noted in EDDIE
<https://www.phaim1.health.pa.gov/EDD/WebForms/STDCnty.aspx>; <https://www.phaim1.health.pa.gov/EDD/WebForms/STDCnty.aspx>

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Table 75 shows the 2017-2019 rate per 100,000 for sexually transmitted infections in Cattaraugus County. Chlamydia rate for females is the most prevalent sexually transmitted infection in Cattaraugus County. The rate of Chlamydia cases reported for females aged 20-24 between 2014-2016 was 2,598.9. In comparison, the Chlamydia rate for males aged 20-24 for the same time period was 1,225.0. Chlamydia is known as a "silent" disease because nearly three-quarters of infected women and about half of infected men have no symptoms; therefore, Chlamydia frequently goes unrecognized and undiagnosed. When symptoms appear they do so weeks after exposure.

In 2017-2019, the rate of Gonorrhea per 100,000 was also higher among females in comparison to males.

Table 75: Sexually Transmitted Infections in Cattaraugus County, 2017-2019

CHIRS Indicators	Data years	Cattaraugus		NYS excluding NYC		New York State	
		Numerator	Percentage (or) Rate (or) Ratio	Percentage (or) Rate (or) Ratio	County Rate Significantly Different from NYS excluding NYC	Percentage (or) Rate (or) Ratio	County Rate Significantly Different from Statewide
HIV/AIDS and STI Indicators							
153-Newly diagnosed HIV case rate per 100,000	2017-2019	7	3.0*	5.7	No	13.1	Yes
154-Age-adjusted newly diagnosed hiv case rate per 100,000	2017-2019	7	3.6*	6.1	No	13.2	Yes
155-AIDS mortality rate per 100,000	2017-2019	1	0.4*	0.9	No	2.2	No
156-Age-adjusted AIDS mortality rate per 100,000	2017-2019	1	0.7*	0.7	NA	1.9	NA
157-Early syphilis case rate per 100,000	2017-2019	4	1.7*	11.7	Yes	34.5	Yes
158-Gonorrhea case rate per 100,000 males - Aged 15-44 years	2017-2019	51	124.7	267.8	Yes	614.9	Yes
159-Gonorrhea case rate per 100,000 females - Aged 15-44 years	2017-2019	67	169.7	218.3	No	252.5	Yes
160-Gonorrhea case rate per 100,000 - Aged 15-19 years	2017-2019	23	146.2	246.4	Yes	401.5	Yes
161-Chlamydia case rate per 100,000 males - Aged 15-44 years	2017-2019	178	435.2	721.7	Yes	1,175.1	Yes
162-Chlamydia case rate per 100,000 males - Aged 15-19 years	2017-2019	26	319.5	766.4	Yes	1,142.6	Yes
163-Chlamydia case rate per 100,000 males - Aged 20-24 years	2017-2019	90	1,225.0	1,513.3	No	2,107.1	Yes
164-Chlamydia case rate per 100,000 females - Aged 15-44 years	2017-2019	464	1,175.4	1,455.2	Yes	1,741.1	Yes
165-Chlamydia case rate per 100,000 females - Aged 15-19 years	2017-2019	146	1,923.3	2,623.6	Yes	3,535.7	Yes
166-Chlamydia case rate per 100,000 females - Aged 20-24 years	2017-2019	180	2,598.9	3,203.9	Yes	3,912.5	Yes
167-Percentage of sexually active young women (aged 16-24) with at least one chlamydia test in Medicaid program	2019	365	62.7	68.6	No	75.8	Yes
168-Pelvic inflammatory disease (PID) hospitalization rate per 10,000 females - Aged 15-44 years	2017-2019	6	1.5*	1.9	No	2.5	No

Source:

https://webbi1.health.ny.gov/SASStoredProcess/guest?_program=/EBI/PHIG/apps/chir_dashboard/chir_dashboard&p=ct&cos=4

*Fewer than 10 events in the numerator, therefore the rate is unstable

Table 76 shows the rate of Sexually Transmitted Infections in McKean County. The chlamydia (288.0 compared to 482.2) and gonorrhea (27.1 compared to 125.6) rates were significantly¹³⁰ lower in comparison to the state.

Table 76: Sexually Transmitted Infections in McKean County, 2019

Sexually Transmitted Disease	County/State	Year	Sex	Race/Ethnicity	Age	Count	Population	Crude/Age-Specific Rate	Lower Bound	Upper Bound
Chlamydia	McKean	2019	Total	All Races	All Ages	117	40,625	288.0	235.8	340.2
Gonorrhea	McKean	2019	Total	All Races	All Ages	11	40,625	27.1	11.0	43.1
Primary & Secondary Syphilis	McKean	2019	Total	All Races	All Ages	0	40,625	ND	ND	ND

Source: <https://www.phaim1.health.pa.gov/EDD/WebForms/STDCnty.aspx>

¹³⁰ Statistical significance is determined by the Pennsylvania Department of Health and noted in EDDIE. EDDIE can be accessed at: <https://www.phaim1.health.pa.gov/EDD/>

Focus Area 4: Hepatitis C Virus (HCV)

Hepatitis C is a viral infection that causes liver inflammation, sometimes leading to serious liver damage. The hepatitis C virus (HCV) spreads through contaminated blood. About half of people with HCV don't know they're infected, mainly because they have no symptoms, which can take decades to appear. For that reason, the U.S. Preventive Services Task Force recommends that all adults ages 18 to 79 years be screened for hepatitis C, even those without symptoms or known liver disease. The largest group at risk includes everyone born between 1945 and 1965 — a population five times more likely to be infected than those born in other years¹³¹.

This NYS Prevention Agenda Focus Area aims to 1) increase the number of persons treated for Hepatitis C Virus and 2) reduce the number of new HCV cases among people who inject drugs¹³².

According to the 2019 Communicable Disease Case Report for New York State, Cattaraugus County reported 53.9 cases of Hepatitis C, with a rate per 100,000 lower in comparison to the state, see **Table 77**. Data is not available for McKean County.

Table 77: Hepatitis C Virus, Cattaraugus County, 2019

Indicator	Cattaraugus County	New York
Hepatitis C Rate Per 100,000	53.9	55.5

Source: <https://www.health.ny.gov/statistics/diseases/communicable/2017/docs/cases.pdf>

Focus Area 5: Antibiotic Resistance and Healthcare-Associated Infections

Antimicrobial resistance happens when germs like bacteria and fungi develop the ability to defeat the drugs designed to kill them. That means the germs are not killed and continue to grow. Resistant infections can be difficult, and sometimes impossible, to treat.

Antimicrobial resistance is an urgent global public health threat, killing at least 1.27 million people worldwide and associated with nearly 5 million deaths in 2019. In the U.S., more than 2.8 million antimicrobial-resistant infections occur each year¹³³.

Healthcare-associated infections (HAIs) are infections people get while they are receiving health care for another condition. HAIs can happen in any health care facility, including hospitals, ambulatory surgical centers, end-stage renal disease facilities, and long-term care facilities. Bacteria, fungi, viruses, or other, less common pathogens can cause HAIs.

HAIs are a significant cause of illness and death — and they can have serious emotional, financial, and medical consequences. At any given time, about 1 in 31 inpatients have an infection related to hospital care. These infections lead to tens of thousands of deaths and cost the U.S. health care system billions of dollars each year¹³⁴.

¹³¹ <https://www.mayoclinic.org/diseases-conditions/hepatitis-c/symptoms-causes/syc-20354278>

¹³² https://www.health.ny.gov/prevention/prevention_agenda/2019-2024/comm.htm#FA5

¹³³ <https://www.cdc.gov/drugresistance/about.html>

¹³⁴ <https://www.hhs.gov/oidp/topics/health-care-associated-infections/index.html>

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This NYS Prevention Agenda Focus Area aims to 1) improve infection control in healthcare facilities, 2) reduce infections caused by multidrug resistant organisms and C. difficile, and 3) reduce inappropriate antibiotic use¹³⁵.

No data or indicators were collected for this focus area.

Please refer to Appendix F for resources available in Cattaraugus and McKean Counties related to the NYS Prevention Agenda Prevent Communicable Diseases Action Plan.



¹³⁵ https://www.health.ny.gov/prevention/prevention_agenda/2019-2024/comm.htm#FA5

Other Primary Research Results



OTHER PRIMARY RESEARCH RESULTS

Data reported in previous sections aimed to provide insight into Cattaraugus and McKean counties performance with regard to the five priority areas and 20 focus areas associated with the NYS Prevention agenda. Much of these data came from secondary sources. This section looks at other primary data that examine additional public health issues.

Twenty-three stakeholder interviews were conducted throughout the region (12 from McKean County and 10 from Cattaraugus County). Stakeholders were identified as experts in a particular field related to their background, experience or professional position, and/or someone who understood the needs of a particular underrepresented group or constituency. Two Community Health Surveys were conducted in each county through Internet and paper survey distribution. The CSP/CHA-CHIP Community Health Survey received 1,656 responses (757 from McKean County and 899 from Cattaraugus County) while the Community Intercept Survey received 241 completed surveys (18 from McKean County and 223 from Cattaraugus County). A total of 12 focus groups were conducted in the region (4 in McKean County and 8 from Cattaraugus County).

While the interviews, focus groups, and surveys were conducted with various community constituencies, they were conducted using a convenience sample and thus are not necessarily representative of the entire population. The results reported herein are qualitative in nature and reflect the perceptions and experiences of the interview and focus group participants and survey respondents.

Table 78 illustrates the top community health needs identified by stakeholders in Cattaraugus County and **Table 79** illustrates the top needs identified by stakeholders in McKean County. Health education and transportation were among the top identified needs in Cattaraugus County while transportation, specialists, an operating room and health education were among the top in McKean County.

Table 78: Top Community Health Needs Identified by Stakeholders, Cattaraugus County

Community Need	Number of Stakeholders Who Identified
Health education	3
Transportation	3
Preventative care	2
Access to healthcare	2
Specialists	2
More providers	2
Digital equity	1
Urgent Care	1
Competent healthcare workforce	1
Dentists	1

Source: Strategy Solutions Primary Research, Stakeholder Interviews, 2022

Table 79: Top Community Health Needs Identified by Stakeholders, McKean County

Community Need	Number of Stakeholders Who Identified
Transportation	7
Specialists/Specialty Care	3
Operating room for elective surgeries	3
Health Education	3
Emergency Care	2
More beds	2
Services for aging population	2
ICU	2
Primary Care Physicians	2
Copays	1
Dentists	1
Eye Doctors	1
Broadband for Telehealth	1
Access to Health Care	1

Source: Strategy Solutions Primary Research, Stakeholder Interviews, 2022

Stakeholders were asked to identify initiatives that are already underway in the community. Cattaraugus County responses included:

- Community Trauma Coalition
- CASA-Trinity is trying to expand services
- Olean General Hospital trying to address mental health
- County trying to address mental health
- Alfred State doing evaluations for Autism
- Livable Olean
- Consortium
- Opioid Taskforce
- SNI is doing care coordination
- UPMC is trying to bring an Urgent Care
- Appalachian Recovery Coalition

Stakeholders were asked to identify initiatives that are already underway in the community. McKean County responses included:

- Strong service continuum
- Taskforce for community intervention
- There is a group Save Bradford/Save the Hospital

Stakeholders were asked to identify what more could be done in the community to address the top priority health needs. Cattaraugus County responses included:

- Engagement with health providers to educate patients about impact of trauma on health and behaviors

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- Focus on transportation in rural areas for the underserved
- Increasing workforce capacity need to think about incentives, training, transportation, internet access
- Educate community on available resources, programs and services
- Lower cost of healthy foods and increase access to healthy foods
- Incentivize those receiving social service benefits to motivate a healthy lifestyle
- Invest in infrastructure
- Reach out to providers to identify barriers and work to address them
- Legislators who support community health

Stakeholders in McKean County were asked to identify what gaps exist in the community or what more could be done. The following were noted:

- Geriatric psych (including inpatient)
- Transition of care from hospital to nursing home related to medications is a problem
- Lack of local specialists (cardiologists, orthopedics, and endocrinologists were specifically noted)
- No ICU beds
- OBGYN
- Mental health and access to services
- Same day surgery
- Staff shortages
- Urgent care

Stakeholders were asked what they thought the role of the hospital should be to support the health of the community. Cattaraugus County responses included:

- Encourage people to connect with a regular PCP
- Better engagement on how to use the healthcare system proactively
- Provide inpatient beds when people present with SUD in the ED
- Partner with organizations like CASA-Trinity to create a warm handoff
- Think they are doing the best they can right now with COVID
- Transportation to appointments
- Better support those showing up in the ED with mental health or substance use
- Show how they are giving back to the community
- It is ok to say what you can do to help us so we can help you and be stronger
- Collaboration with other providers around discharge planning
- Small rural community and we need the hospital to survive

Stakeholders were asked what they thought the role of the hospital should be to support the health of the community. McKean County responses included:

- Know they are already overwhelmed with COVID and lack of staffing
- Would like to have an urgent care in Bradford
- Help with awareness of hospice – think it is underutilized
- Full service hospital
- Dental clinic
- More active and engaged in the community
- Educate the community on what is still available at the hospital

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- Amp up social media presence sharing the good things going on

Stakeholders were asked what they thought the role of the health department should be to support the health of the community. Cattaraugus County responses included:

- Help lead initiatives related to trauma and helping to understand the impact of trauma
- Their hands are already full – not sure what more they could do
- It is out of their hands – legislators need to think about the impact mandates have on the health department
- Ongoing inspections to make sure stores have healthy choices available – possibly mandate it and enforce with fines
- Not sure if there is something they can do to address substance use in the community
- Put out digestible bits of data to the community

Stakeholders were asked to comment on any barriers to care or access. Cattaraugus County responses included:

- Transportation
- Stigma around addiction
- Lack of Urgent Care
- Generational decisions
- General apathy of lower socioeconomic status
- Disinformation
- Culture of ignoring preventative care
- Providers accepting Medicaid (dental as well)
- Cost of care

Stakeholders were asked to comment on any barriers to care or access. McKean County responses included:

- Transportation
- Rural community
- Social isolation
- Wait times
- Perception of care
- Broadband access
- Distance
- Cost

Stakeholders were asked to comment on any underserved or underrepresented populations. Cattaraugus County responses included:

- Low income members of the community
- Ethnic minorities – there is a lack of ethnic diversity among providers
- Older youth and young adults (lack of activities for youth)
- Native Americans
- Amish community
- Latin American population

Stakeholders were asked to comment on any underserved or underrepresented populations. McKean County responses included:

- Aging/Elderly

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- Lower income
- Rural populations
- Working poor
- LGBTQ+
- Individuals with a disability
- Mentally ill

The following advice was offered by stakeholders in Cattaraugus County to enhance the process:

- Do not ignore the role trauma plays
- Listen to the community and get different perspectives – engage them in planning and next steps
- Work with existing partnerships
- Don't be afraid to ask for opinions to get a better understanding of the scope of an issue
- Start with legislators – county and city – to get their support
- Get serious and standup for the decisions made
- Creatively try to reach those have not reached before
- Go through this process every so many years and wonder what it the point – not sure see that a lot has changed

The following advice was offered by stakeholders in McKean County to enhance the process:

- Focus on wellness (and start with children)
- Need an urgent care
- Have a clear understanding of the unmet needs in the community and target those
- Put an emphasis on socioeconomic level of the citizens
- Make sure people know what services are available
- Look at inequities in care
- Look for social determinants of health
- Get input from citizens – there are a lot of blue collar workers and not sure they are on this committee

Stakeholder in McKean County were asked what they would like to see focused on as a priority. The following were shared:

- Staff shortages and need for workforce
- Geriatric mental health
- Nursing homes accepting high risk patients
- Mental health
- Maintaining beds at the hospital
- Urgent care

Community Health Survey Results

The CSP/CHA/CHIP Community Health Survey was open between December 2021 and January 2022. A total of 1,656 surveys (757 from McKean County and 899 from Cattaraugus County) were received. The survey examined health status, community health needs, barriers to health care, and strategies or suggestions to address the community health needs. Data was virally marketed and the final sample is not representative of the respective counties. Data is included to provide a synopsis of residents health but is only reflective of the 1,656 who responded and is not a reflection of the communities at large. For this reason, data from this source may not align with other secondary sources.

Table 80 highlights responses to the 2022 Community Health Survey question, “Do you have any kind of health care coverage or health insurance?” Almost all of the respondents said “Yes, they do have health insurance.

Table 80: Have Health Insurance

Do you have any kind of health care coverage or health insurance?				
	Cattaraugus County (N=827)		McKean County (N=705)	
	Number	Percent	Number	Percent
Yes	811	98.1%	686	97.3%
No	6	0.7%	9	1.3%
Used to, but don't have any now	7	0.8%	9	1.3%
Don't Know	3	0.4%	1	0.1%

Source: Cattaraugus and McKean County Community Health Survey, 2022; due to rounding, may not equal 100%

Table 81 highlights responses to the 2022 Community Health Survey question, “How do you pay for your Health Care?” Half of respondents said that they pay for health care through their employer. Respondents could select all that apply.

Table 81: Pay for Health Care

How do you pay for your health care?		
	Cattaraugus County (N=899)	McKean County (N=757)
	Percent	Percent
Through employer	51.3%	52.2%
Medicare	18.8%	24.0%
Through household	11.3%	10.2%
Medicaid	9.9%	6.9%
NYS of Health/Marketplace Exchange	6.6%	6.5%
Pay Cash	2.6%	4.0%
VA	2.0%	2.5%
Tribal Health	1.3%	0.1%

Source: Cattaraugus and McKean County Community Health Survey, 2022; respondents were allowed to select multiple response choices

Table 82 highlights responses to the 2022 Community Health Survey question, “Have the following risky behaviors directly affected you or your family in the last two years?” The top three risky behaviors as seen by Community Health Survey respondents in Cattaraugus County were: lack of exercise/physical activity (52.4%), tobacco use (17.6%) and alcohol abuse (14.7%). The top three risky behaviors as seen by Community Health Survey respondents in McKean County were: lack of exercise/physical activity (55.9%), tobacco use (19.3%) and child physical abuse (19.2%).

Table 82: Risky Behaviors

Behavioral Risk Factors (% Affected)		
	Cattaraugus County	McKean County
Lack of Exercise/Physical Activity	52.4%	55.9%
Tobacco Use	17.6%	19.3%
Alcohol Abuse	14.7%	19.0%
Child Physical Abuse	13.0%	19.2%
Illegal Drug Use	8.4%	10.2%
Texting and Driving	6.5%	7.8%
Prescription Drug Abuse	5.5%	7.5%
Domestic Violence/Abuse	5.2%	5.5%
Gambling	4.6%	7.8%
Driving Under the Influence of Drugs or Alcohol	4.2%	7.5%
Sexual Behaviors (unprotected, irresponsible/risky)	4.1%	5.7%
Delinquency/Youth Crime	3.0%	6.0%
Child Emotional Abuse	2.9%	2.2%
Crime	2.8%	7.7%
Violence	2.4%	2.9%
Sexual Abuse	1.9%	1.5%
Motor Vehicle Crash Deaths	1.9%	3.0%
Gun Violence	1.3%	2.3%
Child Sexual Abuse	1.3%	2.0%
Child Neglect	0.7%	0.9%
Teenage Pregnancy	0.6%	1.5%
Tobacco Use in Pregnancy	0.6%	1.8%

Source: Cattaraugus and McKean County Community Health Survey, 2022; respondents were allowed to identify multiple responses

Table 83 highlights responses to the 2022 Community Health Survey question, “Have the following directly affected you or your family in the last two years? (Consider things like coverage under your health benefit plan, cost of service, location, transportation, knowledge of providers, etc.)” The top three access related issues as seen by Community Health Survey respondents in both counties were: Availability of Specialists/Specialty Medical Care, Access to Dental Care, and Access to Affordable Health Care (related to copays and deductibles).

Table 83: Access Related Issues, Past Two Years

Have the following directly affected you or your family in the last two years? (Consider things like coverage under your health benefit plan, cost of service, location, transportation, knowledge of providers, etc.) (% Affected)		
	Cattaraugus County	McKean County
Availability of Specialists/Specialty Medical Care	33.4%	53.9%
Access to Dental Care	26.3%	40.0%
Access to Affordable Health Care (related to copays and deductibles)	24.8%	37.7%
Access to Insurance Coverage	23.5%	26.4%
Access to Primary Medical Care Providers	22.8%	29.9%
Access to Mental Health Care Services	22.7%	25.5%
Access to Adult Immunizations	15.0%	17.9%
Access to General Health Screenings (blood pressure, cholesterol, colorectal cancer and diabetes)	14.9%	21.4%
Access to Women's Health Services	12.5%	23.8%
Access to Transportation to Medical Care Providers and Services	8.7%	15.4%
Access to Childhood Immunizations	4.7%	6.0%
Access to Dementia Care Services	2.8%	10.6%
Access to Prenatal Care	2.1%	3.9%
Access to Emergency Shelter in the Area	1.9%	6.2%

Source: Cattaraugus and McKean County Community Health Survey, 2022; respondents were allowed to identify multiple responses

Table 84 highlights responses to the 2022 Community Health Survey question, “Was there a time in the past 12 months when you experienced any of the following access issues?” The majority of survey respondents indicated that they were not directly affected by the below issues.

Table 84: Main Reasons Could Not Get Care, Past 12 Months

Was there a time in the past 12 months when you experienced any of the following?						
	Cattaraugus County			McKean County		
	% Yes	% No	% Don't Know	% Yes	% No	% Don't Know
Could not fill a prescription due to cost	9.0%	89.5%	1.5%	15.1%	82.9%	2.1%
Could not seek medical treatment because of cost	8.0%	90.6%	1.4%	12.6%	86.0%	1.4%
Could not get health care services because of lack of transportation	4.1%	94.7%	1.3%	5.9%	92.7%	1.4%

Source: Cattaraugus and McKean County Community Health Survey, 2022; due to rounding, may not equal 100%

Community Health Survey respondents had the opportunity to list other things keeping them from receiving the care they need over the past 12 months. Below are comments received:

- Accessibility of participating providers
- Lack of specialists
- Length of time to make an appointment
- Unable to get time off work
- Difficult to find childcare
- COVID-19
- Distance to provider/travel time to provider
- High copay or deductible
- Transportation
- Quality of doctors
- Lack of local services

Table 85 highlights responses to the 2022 Community Health Survey question, “Have the following health problems directly affected you or your family in the last two years?” The majority of survey respondents indicated that they were not directly affected by the below issue. The top three health problems as reported by the survey respondents in both counties include obesity and overweight, allergies and hypertension/high blood pressure.

Table 85: Health Problems

Have the following health problems directly affected you or your family in the last two years? (% Affected)		
	Cattaraugus County	McKean County
Obesity and Overweight	56.9%	62.8%
Allergies	51.8%	53.5%
Hypertension/High Blood Pressure	41.9%	51.9%
High Cholesterol	40.7%	50.7%
Dental Hygiene/Dental Problems	39.7%	46.0%
Chronic Depression	37.0%	43.2%
Asthma/COPD related issues	30.5%	33.7%
Diabetes	25.0%	34.6%
Cancer	23.8%	27.5%
Influenza and Pneumonia	21.6%	28.6%
Heart Disease	20.5%	28.5%
Cardiovascular Disease and Stroke	15.6%	23.4%
Childhood Obesity	6.4%	9.2%

Source: Cattaraugus and McKean County Community Health Survey, 2022; respondents were allowed to identify multiple responses

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Community Health Survey respondents were asked to list the top three health problems in their community. The top five identified health problems by respondents include:

- Cancer
- Obesity
- Diabetes
- Mental Health
- Substance Use

Community Health Survey respondents were then asked to list the top three social and environmental issues in their community. The top three identified social and environmental problems by respondents include:

- Drug Abuse/Addiction
- Poverty
- Lack of Jobs

Finally, Community Health Survey respondents were asked to list any health care services they would like in their area. Below are comments received:

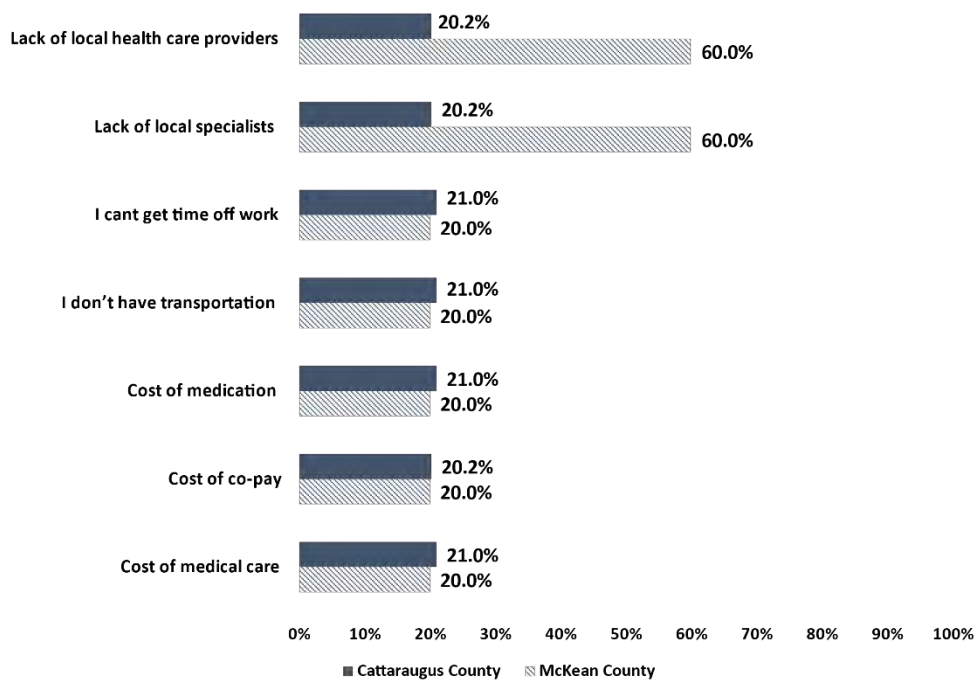
- More doctors
- More specialists
- More mental health services
- More dentists
- More addiction services
- More women's health
- A fully functioning hospital (McKean County)

Community Intercept Survey Results

A Cattaraugus County community intercept survey was conducted at the County Fair and select community events during the month of August 2021. A total of 223 surveys were completed by residents of the service area. BRMC conducted an intercept survey in McKean County at the Bradford Senior Center Expo on August 6, 2021. A total of 18 surveys were completed. Data was collected using a convenience sample and is not representative of the respective counties. Data is included to provide a synopsis of residents' health but is only reflective of the 241 who responded and is not a reflection of the communities at large. For this reason, data from this source may not align with other secondary sources.

Figure 60 depicts the top issues stopping intercept survey respondents from seeking medical care. Over half of respondents from McKean County identified lack of local providers (60.0%) and lack of local specialists (60.0%) as barriers to care.

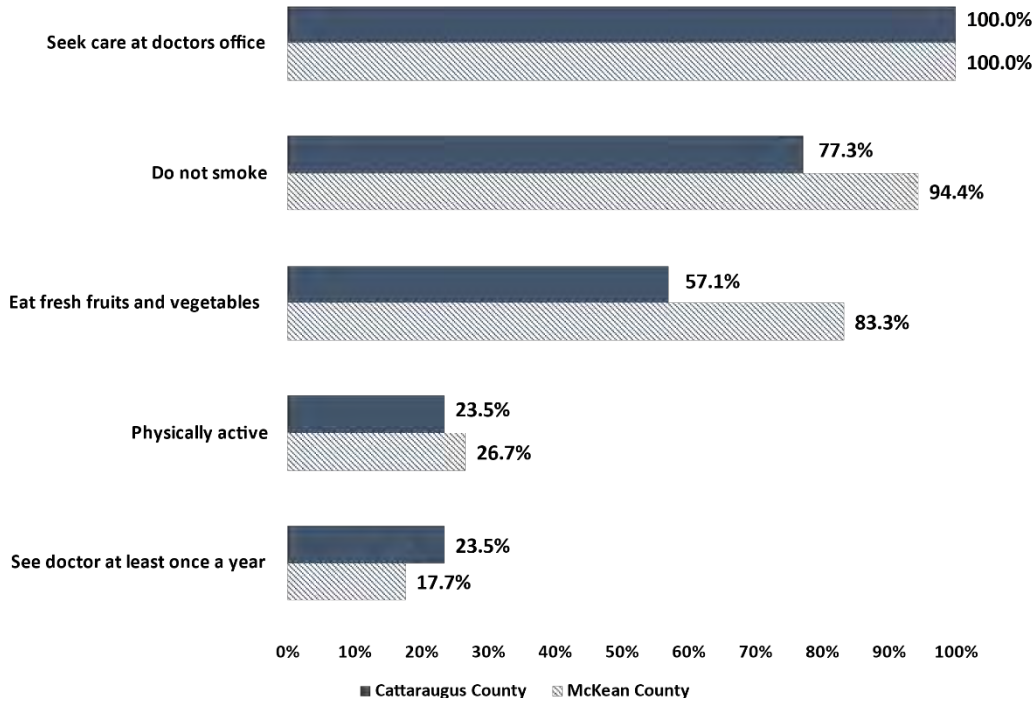
Figure 60: Community Intercept Survey Barriers to Medical Care



Source: Community Intercept Survey, Strategy Solutions, Inc., 2022

Figure 61 lists the healthy behaviors from the community intercept survey. All respondents indicate that they seek care at a doctor’s office and most do not smoke.

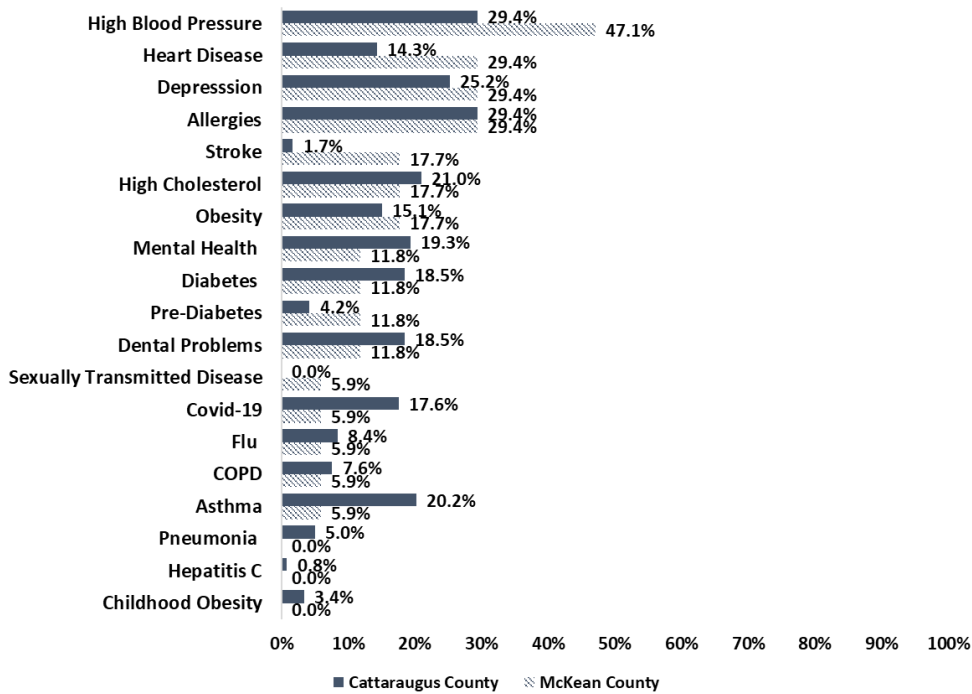
Figure 61: Community Intercept Survey Healthy Behaviors



Source: Community Intercept Survey, Strategy Solutions, Inc., 2022

Figure 62 shows the responses to the question of “Have any of the following affected you or your family in the last two years?” Almost half of the respondents from McKean County have been affected by High Blood Pressure (47.1%) compared to less than a third of respondents in Cattaraugus County (29.4%).

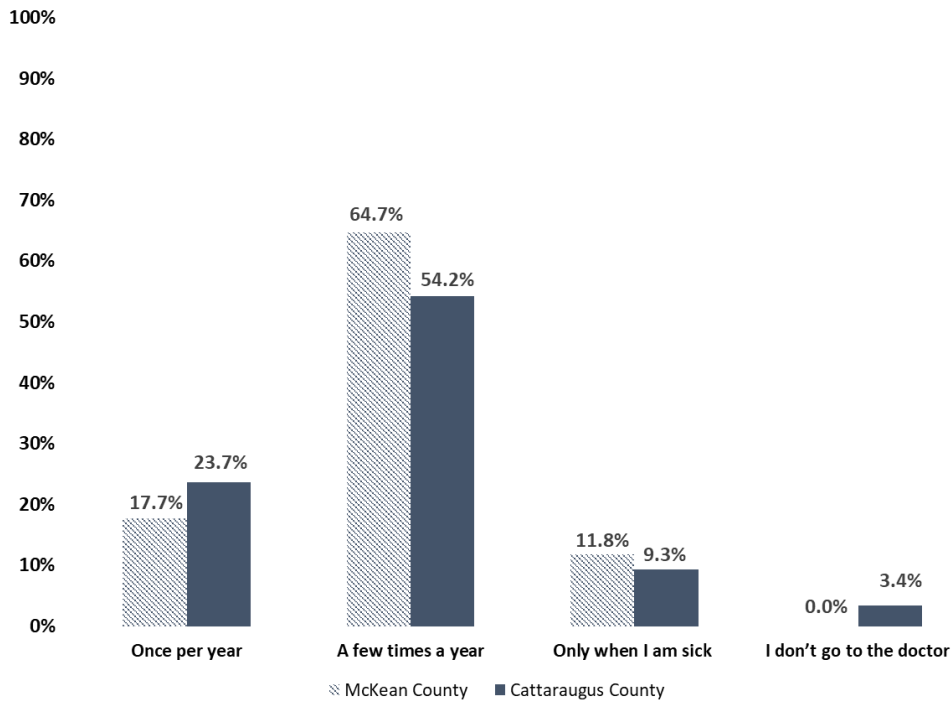
Figure 62: Community Intercept Survey Problems Affecting Self or Family



Source: Community Intercept Survey, Strategy Solutions, Inc., 2022

Figure 63 shows the responses to the question “How often do you see a doctor or other health care provider?” Almost two-thirds of respondents in McKean County (64.7%) and over half of respondents in Cattaraugus County (54.2%) said they see a doctor or health care provider a few times per year.

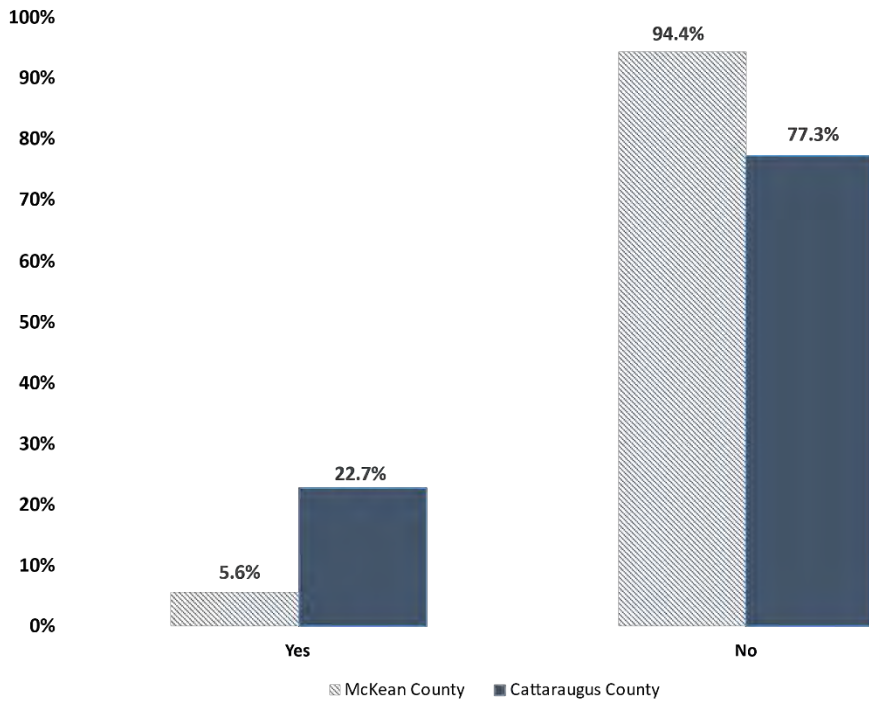
Figure 63: Community Intercept Survey Frequency of Seeing Doctor or Other Provider



Source: Community Intercept Survey, Strategy Solutions, Inc., 2022

Figure 64 shows the responses to the question “Do you smoke?” Almost all of the respondents said they do not smoke.

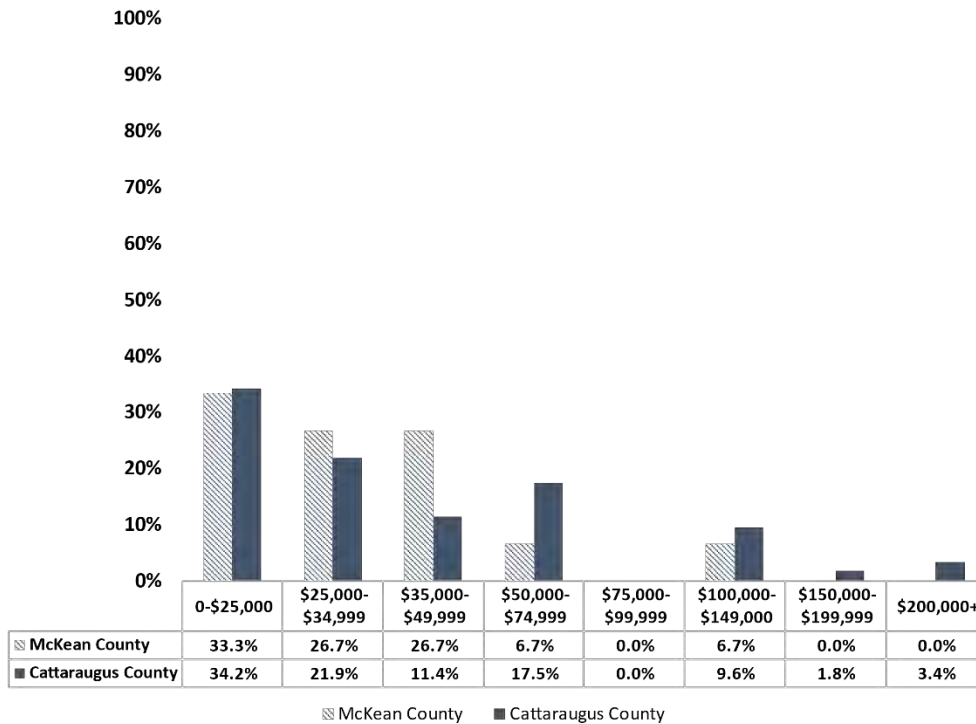
Figure 64: Community Intercept Survey Current Smoker



Source: Community Intercept Survey, Strategy Solutions, Inc., 2022

Figure 65 shows the responses to the question of “What is your household income?” One third of intercept survey respondents indicated that they make \$25,000 or less.

Figure 65: Community Intercept Survey Respondent Income



Source: Community Intercept Survey, Strategy Solutions, Inc., 2022

Stakeholders interviewed identified the following as what could be done to address gaps and improve the overall health of the community. Responses included:

Cattaraugus County

- A big need in the community is more legislators that supports community health.
- One stakeholder mentioned allowing nurses to give vaccines because they are so short staffed as well as hiring people who can be trained.
- There is a need for more transportation, internet access, partnerships, retaining employees, healthier food options, telemedicine, home care services, educational opportunities, investment in infrastructure and enhanced equity.
- Specific to the hospital it was noted that staff needs to be hired and retained. They need to provide more inpatient beds instead of turning away patients. Establishing a care continuum with a consistent PCP can help with transportation and access issues as well as better care transition. Another suggestion is improving their discharge plan and making the hospital wellness driven instead of illness driven. The hospital also needs to offer healthier food options as well as health education programs/courses. Establishing a better labor and delivery service can improve the health of the community as well.
- Specific to the health department stakeholders have positive reviews of the health department and say they are working to the best of their ability. One suggestion was to make COVID data more graphic so the consumers can better understand the health implications. Another was to address the areas with highest obesity rates first.

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There is a current lack of COVID care including contract tracing, vaccination appointments, mask mandates, and transparency. There needs to be healthier options available in the community including nutrition and wellness programs. Focusing on preventative care instead of reactive care could really help the community.

McKean County

The conclusion amongst stakeholders is that the hospital is doing the best it can regarding the circumstances. Some ideas included telemedical implementation, urgent cares, making more beds available, utilizing resources more efficiently, building a full lab, increasing PCP and dental care providers, as well as outreach and education that can be done by using social media. There is currently no social worker no case manager, or discharge planner so some of the patients are falling through cracks. One stakeholder said " We get referrals sometimes home care is just not the correct place. We do short term intermittent care. Patient may need to go to skilled facility and nowhere for them to go." Another suggestion was to link with the food bank and ask for volunteers.

Evaluation of 2019 Community Health Improvement Plan



EVALUATION OF THE 2019-2021 CATTARAUGUS COUNTY CSP/CHA-CHIP IMPLEMENTATION STRATEGIES

Priority Area: Prevent Chronic Disease

Focus Area: Tobacco Prevention

Disparity: Individuals and families in poverty

Lead Agency: Olean General Hospital and Cattaraugus County Health Department

Table 86: Prevent Chronic Disease

Goal	Objectives	Interventions/ Strategies/Activities	Family of Measures	Progress to Date
Prevent initiation of tobacco use	<p>1. Decrease the prevalence of any tobacco use by high school students by 20% from 58.4% (2017) to 42.7%</p> <p>2. Decrease the prevalence of vaping product use by high school students by 20% from 23.4% (2017) to 18.7%;</p> <p>3. Decrease the prevalence of any tobacco use by middle school students by 20% from 17.4% (2017) to 13.9%</p>	Use evidence based programming (Catch my Breath) specific to tobacco use and vaping targeting middle and high school students.	<p># or % of partners that support effective tobacco control measures to reduce youth initiation</p> <p># or % of schools receiving dangers of tobacco presentations</p> <p># or % of students receiving dangers of tobacco presentations</p> <p># or % of media (regular and social) outlets promoting anti-tobacco campaigns.</p> <p>These measures will be obtained on a quarterly basis from the partners included in this family of measures using a standard spreadsheet shared</p>	<p>Data for 2019-2021 is unavailable due to emergency COVID-19 response efforts. However, the 2022-2024 CHA-CHIP is underway as we have established a Steering Committee to assist our CHA-CHNA team. The Steering Committee will work with the CHA-CHNA team to define the scope of our health assessment, provide insight and input concerning the local community needs and resources available, provide access to community stakeholders, utilize data and knowledge of the community to identify and prioritize needs, implement action plans, and assist in composing the CHA-CHNA report.</p> <p>Cattaraugus County Health Department is currently in the process of implementing a fully demonstrated PHAB accredited management system -- VMSG Dashboard: Performance Management System for Public Health, which is to launch in January 2022.</p>

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Goal	Objectives	Interventions/ Strategies/Activities	Family of Measures	Progress to Date
	<p>4. Decrease the prevalence of vaping product use by middle school students by 20% from 7.2% (2017) to 5.8%.</p> <p>Source: CARES Cattaraugus County Profile Report.</p>		<p>with partners and/or a standardized online software for consolidating the data tracked.</p>	<p>The VMSG Dashboard seeks to engage all levels of the health department, community partners, and stakeholders in the performance management process and serves as tool for collecting, monitoring, and managing data that will be incorporated in the Community Health Improvement Plan.</p> <p>Additionally, Cattaraugus County Health Department have employed 5 NYS Public Health Corp Fellows to assist in carrying out tasks necessary to research and input current data into the 2022-2024 CHA-CHIP.</p>
	<p>1. Decrease the prevalence of combustible cigarette use by young adults age 18-24 by 22.2% from 11.7% (2016) to 9.1%</p> <p>2. Decrease the prevalence of vaping product use by young adults age 18-24 years by 23.1% from 9.1% (2016) to 7.0%. Source: NYS BRFSS."</p>	<p>Use health communications targeting health care providers to encourage their involvement in their patients' quit attempts encouraging use of evidence-based quitting, increasing awareness of available cessation benefits (especially Medicaid), and removing barriers to treatment.</p>	<p># or % of providers referring patients to the Quitline or other resources</p> <p># or % of individuals referred</p> <p>These measures will be obtained on a quarterly basis from the partners included in this family of measures using a standard spreadsheet shared with partners and/or a standardized online software for consolidating the data tracked.</p>	<p>Data for 2019-2021 is unavailable due to emergency COVID-19 response efforts. However, the 2022-2024 CHA-CHIP is underway as we have established a Steering Committee to assist our CHA-CHNA team. The Steering Committee will work with the CHA-CHNA team to define the scope of our health assessment, provide insight and input concerning the local community needs and resources available, provide access to community stakeholders, utilize data and knowledge of the community to identify and prioritize needs, implement action plans, and assist in composing the CHA-CHNA report.</p> <p>Cattaraugus County Health Department is currently in the process of implementing a</p>

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

Goal	Objectives	Interventions/ Strategies/Activities	Family of Measures	Progress to Date
				<p>fully demonstrated PHAB accredited management system -- VMSG Dashboard: Performance Management System for Public Health, which is to launch in January 2022. The VMSG Dashboard seeks to engage all levels of the health department, community partners, and stakeholders in the performance management process and serves as tool for collecting, monitoring, and managing data that will be incorporated in the Community Health Improvement Plan.</p> <p>Additionally, Cattaraugus County Health Department have employed 5 NYS Public Health Corp Fellows to assist in carrying out tasks necessary to research and input current data into the 2022-2024 CHA-CHIP.</p>

Priority Area: Prevent Chronic Disease

Focus Area: Preventative Care and Management

Disparity: Individuals and families in poverty

Lead Agency: Olean General Hospital and Cattaraugus County Health Department

Table 87: Prevent Chronic Disease: Increase Access to High Quality Chronic Disease Preventive Care and Management in Both Clinical and Community Settings

Goal	Objectives	Interventions/ Strategies/Activities	Family of Measures	Progress to Date
Increase cancer screening rates	<p>1. Increase % of women aged 50-74 who receive a breast cancer screening with an annual household income <\$25,000 by 5% to 79.7% (baseline: 75.9%(2016));</p> <p>2. Increase % of women aged 21-65 who receive a cervical cancer screening with an annual household income <\$25,000 from 5% to 80% (baseline: 76.1% (2016)</p> <p>3. Increase % of adults aged 50-75 who receive a colorectal cancer screening by 5% from 60.7% (2016)</p>	Work with health care providers/clinics to put systems in place for patient and provider screening reminders (e.g., letter, postcards, emails, recorded phone messages, electronic health records [HER] alerts).	<p># or % of health systems that implement or improve provide and patient reminder systems</p> <p># or % of patients reached through patient reminder systems</p> <p># or % of patients screened among provider networks.</p> <p>These measures will be obtained on a quarterly basis from the partners included in this family of measures using a standard spreadsheet shared with partners and/or a standardized online software for consolidating the data tracked.</p>	<p>Data for 2019-2021 is unavailable due to emergency COVID-19 response efforts. However, the 2022-2024 CHA-CHIP is underway as we have established a Steering Committee to assist our CHA-CHNA team. The Steering Committee will work with the CHA-CHNA team to define the scope of our health assessment, provide insight and input concerning the local community needs and resources available, provide access to community stakeholders, utilize data and knowledge of the community to identify and prioritize needs, implement action plans, and assist in composing the CHA-CHNA report.</p> <p>Cattaraugus County Health Department is currently in the process of implementing a fully demonstrated PHAB accredited management system -- VMSG Dashboard: Performance Management System for Public Health, which is to launch in January 2022. The VMSG Dashboard seeks to engage all</p>

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

Goal	Objectives	Interventions/ Strategies/Activities	Family of Measures	Progress to Date
	<p>to 63.7% for adults with annual household income <\$25,000.</p> <p>Source: NYS BRFSS.</p>			<p>levels of the health department, community partners, and stakeholders in the performance management process and serves as tool for collecting, monitoring, and managing data that will be incorporated in the Community Health Improvement Plan.</p> <p>Additionally, Cattaraugus County Health Department have employed 5 NYS Public Health Corp Fellows to assist in carrying out tasks necessary to research and input current data into the 2022-2024 CHA-CHIP.</p>

Priority Area: Promote Mental Health and Prevent Substance Abuse
Focus Area: Prevent Substance Abuse and other Mental/Emotional/Behavioral Disorders
Disparity: Individuals and families in poverty
Lead Agencies: Olean General Hospital and Cattaraugus County Health Department

Table 88: Promote Mental Health and Prevent Substance Abuse - Prevent Underage Drinking

Goal	Objectives	Interventions/ Strategies/Activities	Family of Measures	Progress to Date
Prevent underage drinking and excessive alcohol consumption by adults	<p>Reduce % of youth in grades 6-12 reporting the use of alcohol on at least one day for the past 30 days by 20% from 17.7% in 2017 to 14.2%.</p> <p>Source: CARES Cattaraugus County profile report.</p>	Implement school-based prevention using evidence based programming provided by the Council on Alcohol and Substance Abuse (CASA) - Trinity.	<p># or % of students participating and completing evidence based programming</p> <p># or % of schools participating in the evidence based programming.</p>	<p>Data for 2019-2021 is unavailable due to emergency COVID-19 response efforts. However, the 2022-2024 CHA-CHIP is underway as we have established a Steering Committee to assist our CHA-CHNA team. The Steering Committee will work with the CHA-CHNA team to define the scope of our health assessment, provide insight and input concerning the local community needs and resources available, provide access to community stakeholders, utilize data and knowledge of the community to identify and prioritize needs, implement action plans, and assist in composing the CHA-CHNA report.</p> <p>Cattaraugus County Health Department is currently in the process of implementing a fully demonstrated PHAB accredited management system -- VMSG</p>

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Goal	Objectives	Interventions/ Strategies/Activities	Family of Measures	Progress to Date
				<p>Dashboard: Performance Management System for Public Health, which is to launch in January 2022. The VMSG Dashboard seeks to engage all levels of the health department, community partners, and stakeholders in the performance management process and serves as tool for collecting, monitoring, and managing data that will be incorporated in the Community Health Improvement Plan.</p> <p>Additionally, Cattaraugus County Health Department have employed 5 NYS Public Health Corp Fellows to assist in carrying out tasks necessary to research and input current data into the 2022-2024 CHA-CHIP.</p>

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Goal	Objectives	Interventions/ Strategies/Activities	Family of Measures	Progress to Date
	<p>Reduce the age-adjusted % of adults (age 18 and older) binge drinking during the past month by 10% from 18.5% to no more than 16.7%.</p> <p>Source: NYS BRFSS and YRBS.</p>	<p>Implement Screening, Brief Intervention, and Referral to Treatment (SBIRT) using electronic screening and brief interventions (e-SBI) with electronic devices (e.g., computers, telephones, or mobile devices) to facilitate delivery of key elements of traditional SBI.</p>	<p># or % of persons offered SBIRT , completed prescreen and full screen</p> <p># or % positive and followed up with treatment.</p>	<p>Data for 2019-2021 is unavailable due to emergency COVID-19 response efforts. However, the 2022-2024 CHA-CHIP is underway as we have established a Steering Committee to assist our CHA-CHNA team. The Steering Committee will work with the CHA-CHNA team to define the scope of our health assessment, provide insight and input concerning the local community needs and resources available, provide access to community stakeholders, utilize data and knowledge of the community to identify and prioritize needs, implement action plans, and assist in composing the CHA-CHNA report.</p> <p>Cattaraugus County Health Department is currently in the process of implementing a fully demonstrated PHAB accredited management system -- VMSG Dashboard: Performance Management System for Public Health, which is to launch in January 2022. The VMSG Dashboard seeks to engage all levels of the health department, community partners, and</p>

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Goal	Objectives	Interventions/ Strategies/Activities	Family of Measures	Progress to Date
				<p>stakeholders in the performance management process and serves as tool for collecting, monitoring, and managing data that will be incorporated in the Community Health Improvement Plan.</p> <p>Additionally, Cattaraugus County Health Department have employed 5 NYS Public Health Corp Fellows to assist in carrying out tasks necessary to research and input current data into the 2022-2024 CHA-CHIP.</p>

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

Goal	Objectives	Interventions/ Strategies/Activities	Family of Measures	Progress to Date
	<p>Reduce the age-adjusted % of adults (age 18 and older) binge drinking during the past month by 10% from 18.5% to no more than 16.7%.</p> <p>Source: NYS BRFSS and YRBS.</p>	<p>Integrate trauma-informed approaches into prevention programs by training staff, developing protocols and engaging in cross-system collaboration.</p>	<p># or % completing training</p> <p># or % with change in policies and/or implementation of policies</p> <p># or % staff trained in trauma informed approach.</p>	<p>Data for 2019-2021 is unavailable due to emergency COVID-19 response efforts. However, the 2022-2024 CHA-CHIP is underway as we have established a Steering Committee to assist our CHA-CHNA team. The Steering Committee will work with the CHA-CHNA team to define the scope of our health assessment, provide insight and input concerning the local community needs and resources available, provide access to community stakeholders, utilize data and knowledge of the community to identify and prioritize needs, implement action plans, and assist in composing the CHA-CHNA report.</p> <p>Cattaraugus County Health Department is currently in the process of implementing a fully demonstrated PHAB accredited management system -- VMSG Dashboard: Performance Management System for Public Health, which is to launch in January 2022. The VMSG Dashboard seeks to engage all levels of the health department, community partners, and</p>

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Goal	Objectives	Interventions/ Strategies/Activities	Family of Measures	Progress to Date
				<p>stakeholders in the performance management process and serves as tool for collecting, monitoring, and managing data that will be incorporated in the Community Health Improvement Plan.</p> <p>Additionally, Cattaraugus County Health Department have employed 5 NYS Public Health Corp Fellows to assist in carrying out tasks necessary to research and input current data into the 2022-2024 CHA-CHIP.</p>

Priority Area: Promote Mental Health and Prevent Substance Abuse

Focus Area: Prevent Mental and Substance Use Disorders

Disparity: Individuals and families in poverty

Lead Agencies: Olean General Hospital and Cattaraugus County Health Department

Table 89: Promote Mental Health and Prevent Substance Abuse - Prevent Opioid Overdose Deaths

Goal	Objectives	Interventions/ Strategies/Activities	Family of Measures	Progress to Date
Prevent opioid overdose deaths	<p>Reduce the age-adjusted overdose deaths involving any opioids by 7% to 14.0 per 100,000 population (baseline: 15.1 per 100,000 population).</p> <p>Source: CDC Wonder, PMP Registry, SPARCS.</p>	Increase availability of/access to overdose reversal (Naloxone) trainings to prescribers, pharmacists and consumers.	<p># or % of professionals who completed naloxone training</p> <p># or % of county residents who completed naloxone training.</p>	<p>Data for 2019-2021 is unavailable due to emergency COVID-19 response efforts. However, the 2022-2024 CHA-CHIP is underway as we have established a Steering Committee to assist our CHA-CHNA team. The Steering Committee will work with the CHA-CHNA team to define the scope of our health assessment, provide insight and input concerning the local community needs and resources available, provide access to community stakeholders, utilize data and knowledge of the community to identify and prioritize needs, implement action plans, and assist in composing the CHA-CHNA report.</p> <p>Cattaraugus County Health Department is currently in the process of implementing a fully demonstrated PHAB accredited management system -- VMSG</p>

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Goal	Objectives	Interventions/ Strategies/Activities	Family of Measures	Progress to Date
				<p>Dashboard: Performance Management System for Public Health, which is to launch in January 2022. The VMSG Dashboard seeks to engage all levels of the health department, community partners, and stakeholders in the performance management process and serves as tool for collecting, monitoring, and managing data that will be incorporated in the Community Health Improvement Plan.</p> <p>Additionally, Cattaraugus County Health Department have employed 5 NYS Public Health Corp Fellows to assist in carrying out tasks necessary to research and input current data into the 2022-2024 CHA-CHIP.</p>

Priority Area: Promote Mental Health and Prevent Substance Abuse

Focus Area: Prevent Mental and Substance Use Disorders

Disparity: Individuals and families in poverty

Lead Agencies: Olean General Hospital and Cattaraugus County Health Department

Table 90: Promote Mental Health and Prevent Substance Abuse - Prevent Suicides

Goal	Objectives	Interventions/ Strategies/Activities	Family of Measures	Progress to Date
Prevent Suicides	<p>Reduce the age-adjusted suicide mortality rate by 10% to 7 per 100,000 (baseline 7.8 per 100,000 population)</p> <p>Source: YRBS, Bureau of Biometrics.</p>	Identify and support people at risk: Gatekeeper training, crisis intervention, treatment for people at risk of suicide, treatment to prevent re-attempts, postvention, safe reporting and messaging about suicides.	<p># or % of Gatekeeper trainings provided</p> <p># or % of people who completed Gatekeeper trainings</p> <p># or % of people trained who were knowledgeable about the signs and symptoms of suicide</p> <p># or % of people who felt comfortable applying suicide prevention skills to identify and refer individuals at risk for suicide to appropriate care</p> <p># or % of patients screened with the PHQ-9 tool and referred for treatment.</p>	<p>Data for 2019-2021 is unavailable due to emergency COVID-19 response efforts. However, the 2022-2024 CHA-CHIP is underway as we have established a Steering Committee to assist our CHA-CHNA team. The Steering Committee will work with the CHA-CHNA team to define the scope of our health assessment, provide insight and input concerning the local community needs and resources available, provide access to community stakeholders, utilize data and knowledge of the community to identify and prioritize needs, implement action plans, and assist in composing the CHA-CHNA report.</p> <p>Cattaraugus County Health Department is currently in the process of implementing a fully demonstrated PHAB accredited management system -- VMSG</p>

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Goal	Objectives	Interventions/ Strategies/Activities	Family of Measures	Progress to Date
				<p>Dashboard: Performance Management System for Public Health, which is to launch in January 2022. The VMSG Dashboard seeks to engage all levels of the health department, community partners, and stakeholders in the performance management process and serves as tool for collecting, monitoring, and managing data that will be incorporated in the Community Health Improvement Plan.</p> <p>Additionally, Cattaraugus County Health Department have employed 5 NYS Public Health Corp Fellows to assist in carrying out tasks necessary to research and input current data into the 2022-2024 CHA-CHIP.</p>

Summary of the Community Health Assessment:

The Prevention Agenda 2019-2024 has five priorities with priority-specific action plans developed collaboratively with input from community stakeholders. These include:

- A. Prevent Chronic Disease
- B. Promote a Healthy and Safe Environment
- C. Promote Healthy Women, Infants and Children
- D. Promote Well Being and Prevent Mental Health and Substance Use Disorders
- E. Prevent Communicable Diseases

After the data was analyzed, the following two priority areas were identified as key areas for the 2022-2024 Cattaraugus County Community Health Improvement Plan. McKean County will focus on the same priorities as well. Identified priority areas include:

- A. Prevent Chronic Disease
- B. Promote Well Being and Prevent Mental Health and Substance Use Disorders.

Although the priority areas of healthy and safe environment, healthy women, infants and children, and communicable diseases are important needs in Cattaraugus and McKean counties, they did not reach a significant common theme in the primary research and were not identified as a high priority by the Steering Committee.

2022 Community Health Improvement Plan Prioritization



2022 Community Health Improvement Plan Prioritization Results

As a result of the primary and secondary data analysis, OGH/BRMC, the CCHD and the consulting team identified 32 distinct community needs in Cattaraugus County and 13 distinct community needs in McKean County that demonstrated either disparity, a negative trend or gap between the local, regional, or state data, and/or qualitative information which suggested that there was a growing need in the community. **Table 91** details the prioritization criteria used by the Cattaraugus and McKean county Steering Committees which represented the vulnerable populations within the community. At a meeting held on March 9, 2022, the Steering Committee agreed with the list of potential needs. Following the meeting each received a link to a prioritization survey and participated in prioritizing the needs based on the selected criteria.

Table 91: Prioritization Criteria

Item	Definition	Scoring		
		Low (1)	Medium (5)	High (10)
Magnitude of the Problem	The degree to which the problem leads to death, disability, or impaired quality of life and/or could be an epidemic based on the rate or % of population that is impacted by the issue	Low numbers of people affected; no risk for an epidemic	Moderate numbers/% of people affected and/or moderate risk	High numbers/% of people affected and/or risk for epidemic
Impact on Other Health Outcomes	The extent to which the issue impacts health outcomes and/or is a driver of other conditions	Little impact on health outcomes or other conditions	Some impact on health outcomes or other conditions	Great impact on health outcomes and other conditions
Capacity (systems and resources to implement evidence-based solutions)	This would include the capacity to and ease of implementing evidence-based solutions	There is little or no capacity (systems and resources) to implement evidence-based solutions	Some capacity (system and resources) exist to implement evidence-based solutions	There is solid capacity (system and resources) to implement evidence-based solutions in this area

Source: Strategy Solutions, Inc. 2022

Prioritization and Significant Health Needs

Table 92 illustrates the ranking of identified needs of Cattaraugus County by the Steering Committee, based on the total of the three prioritization criteria outlined above. The table also shows how the 32 identified needs align with the New York State Department of Health’s Prevention Agenda and focus areas.

Table 92: Cattaraugus County CSP/CHA-CHIP Prioritization Exercise Results

Rank	Prevention Agenda Action Plan	Focus Area	Identified Need	Magnitude	Impact	Capacity	Total M+I+C
1	Prevent Chronic Disease	Healthy Eating and Food Security	Overweight/Obesity	9.18	9.09	6.82	25.09
2	Promote Healthy Women, Infants and Children	Built and Indoor Environments	Children Living in Poverty	8.64	9.55	6.82	25.00
3	Promote a Healthy and Safe Environment	Built and Indoor Environments	Poverty	7.82	8.73	7.27	23.82
4	Promote Mental Health and Prevent Substance Use Disorders	Promote Well-Being	Behavioral Health (mental health and substance use)	7.36	9.09	6.82	23.27
5	Promote Mental Health and Prevent Substance Use Disorders	Promote Well-Being	Prevalence of major depressive disorders	7.36	8.64	6.82	22.82
6	Prevent Chronic Diseases	Physical Activity	Lack of Physical Exercise/Access to Exercise	7.36	8.64	6.82	22.82
7	Promote Healthy Women, Infants and Children	Healthy Eating and Food Security	Youth Overweight/Obesity	7.82	8.64	5.91	22.36
8	Promote Mental Health and Prevent Substance Use Disorders	Mental and Substance Use Disorders Prevention	Opioid and other substance misuse and deaths	6.91	8.27	6.82	22.00

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

Rank	Prevention Agenda Action Plan	Focus Area	Identified Need	Magnitude	Impact	Capacity	Total M+I+C
9	Prevent Chronic Diseases	Chronic Disease Preventative Care/ Management	Hypertension	6.91	7.73	7.27	21.91
10	Prevent Chronic Diseases	Chronic Disease Preventative Care/ Management	Diabetes	7.36	7.27	6.82	21.45
11	Prevent Chronic Diseases	Chronic Disease Preventative Care/ Management	Chronic Disease Management	6.00	8.18	7.27	21.45
12	Promote Healthy Women, Infants and Children	Child and Adolescent Health	Children's Health	6.36	7.73	7.27	21.36
13	Prevent Chronic Diseases	Chronic Disease Preventative Care/ Management	Heart Related Conditions	6.82	8.18	5.91	20.91
14	Prevent Chronic Diseases	Chronic Disease Preventative Care/ Management	Cancer	6.00	7.36	6.82	20.18
15	Prevent Chronic Diseases	Chronic Disease Preventative Care/ Management	Access to Providers/Specialists/Urgent Care	6.00	7.27	6.82	20.09
16	Prevent Chronic Diseases	Healthy Eating and Food Security	Food Insecurity/Access to Food	6.45	7.27	6.36	20.09
17	Prevent Chronic Diseases	Chronic Disease Preventative Care/ Management	Affordable care (insurance, prescriptions, etc.)	4.82	8.27	6.82	19.91

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

Rank	Prevention Agenda Action Plan	Focus Area	Identified Need	Magnitude	Impact	Capacity	Total M+I+C
18	Prevent Chronic Diseases	Tobacco	Tobacco Use	5.64	6.91	7.27	19.82
19	Prevent Chronic Diseases	Chronic Disease Preventative Care/ Management	Preventative Care (screenings, health education)	5.18	6.91	7.73	19.82
20	Prevent Chronic Diseases	Chronic Disease Preventative Care/ Management	Transportation	6.18	7.00	5.45	18.64
21	Promote a Healthy and Safe Environment	Built and Indoor Environments	Housing/Homelessness	4.45	7.36	6.82	18.64
22	Prevent Chronic Diseases	Chronic Disease Preventative Care/ Management	High Cholesterol	5.55	6.45	6.36	18.36
23	Promote a Healthy and Safe Environment	Built and Indoor Environments	Jobs/Unemployment	4.00	7.73	6.36	18.09
24	Prevent Chronic Diseases	Chronic Disease Preventative Care/ Management	Services for Aging Population	5.27	5.64	6.82	17.73
25	Promote Healthy Women, Infants and Children	Maternal and Women's Health	Women's Health	4.36	5.91	7.27	17.55
26	Promote Mental Health and Prevent Substance Use Disorders	Mental and Substance Use Disorders Prevention	Excessive alcohol consumption by adults	4.45	6.82	5.91	17.18

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

Rank	Prevention Agenda Action Plan	Focus Area	Identified Need	Magnitude	Impact	Capacity	Total M+I+C
27	Prevent Chronic Diseases	Chronic Disease Preventative Care/ Management	Chronic Respiratory Conditions	4.82	6.09	5.91	16.82
28	Prevent Chronic Diseases	Chronic Disease Preventative Care/ Management	Dental Care	5.91	4.73	5.91	16.55
29	Prevent Communicable Diseases	Child and Adolescent Health	Childhood Vaccinations	2.45	5.00	7.73	15.18
30	Promote Healthy Women, Infants and Children	Child and Adolescent Health	Teen Pregnancy	3.18	4.45	6.82	14.45
31	Promote a Healthy and Safe Environment	Outdoor Air Quality	Asthma	3.27	4.45	5.91	13.64
32	Prevent Communicable Diseases	Sexually Transmitted Infections	Sexually Transmitted Diseases	3.18	3.27	6.82	13.27

Table 93 illustrates the ranking of identified needs of McKean County by the Steering Committee, based on the total of the three prioritization criteria outlined above.

Table 93: McKean County CSP/CHA-CHIP Prioritization Exercise Results

Rank	Identified Need	Magnitude	Impact	Capacity	Total M+I+C
1	Overweight/Obesity	8.08	8.15	7.08	23.31
2	Behavioral Health (Mental Health and Substance Use)	8.15	7.77	6.42	22.34
3	Dental Care	7.85	8.15	5.58	21.58
4	Preventative Care (including screenings and health education)	6.31	7.08	7.50	20.88
5	Diabetes	6.69	7.77	6.25	20.71
6	Lack of Physical Exercise/Access to Exercise	6.00	6.62	7.92	20.53
7	Cancer	6.00	6.69	6.67	19.36
8	Heart Related Conditions	5.92	6.54	6.67	19.13
9	Food Insecurity/Access to Food	4.77	6.62	7.08	18.47
10	Availability of Providers/Specialists/Health Care Services	5.69	6.69	5.92	18.30
11	Women’s Health Care	6.31	6.62	4.83	17.76
12	Transportation	4.92	6.62	4.92	16.46
13	Children’s Health Care	4.23	6.08	5.50	15.81

Table 94 below compares the 2022 priorities to the 2019 priorities for Cattaraugus County.

Table 94: 2022 Ranking versus 2019 Priority Ranking

NYS DOH Prevention Agenda Action Plan	Identified Need	2022 Rank	2019 Rank
Prevent Chronic Disease	Overweight/Obesity	1	3
Promote Women, Infants and Children	Children Living in Poverty	2	-
Promote Healthy and Safe Environment	Poverty	3	7
Promote Well-Being and Prevent Mental Health and Substance Use Disorders	Behavioral Health (mental health and substance use)	4	-
Promote Well-Being and Prevent Mental Health and Substance Use Disorders	Prevalence of Major Depressive Disorders	5	10
Prevent Chronic Disease	Lack of Physical Exercise/Access to Exercise	6	23
Promote Women, Infants and Children	Youth Overweight/Obesity	7	18
Promote Well-Being and Prevent Mental Health and Substance Use Disorders	Opioid and other Substance Misuse and Deaths	8	4
Prevent Chronic Disease	High Blood Pressure/Hypertension	9	8
Prevent Chronic Disease	Diabetes	10	5
Prevent Chronic Disease	Chronic Disease Management	11	-
Promote Healthy Women, Infants and Children	Children's Health	12	-
Prevent Chronic Disease	Heart Related Conditions	13	6
Prevent Chronic Disease	Cancer (including all screenings)	14	2
Prevent Chronic Disease	Access to Providers/Specialists/Urgent Care	15	19
Prevent Chronic Disease	Food Insecurity/Access to Food	16	20
Prevent Chronic Disease	Affordable care (insurance, prescriptions, etc.)	17	13
Prevent Chronic Disease	Tobacco Use	18	1
Prevent Chronic Disease	Preventative Care	19	-
Prevent Chronic Disease	Transportation	20	17
Promote Healthy and Safe Environment	Housing/Homelessness	21	21
Prevent Chronic Disease	High Cholesterol	22	-
Promote a Healthy and Safe Environment	Jobs/Unemployment	23	-
Prevent Chronic Disease	Services for Aging Population	24	24
Promote Women, Infants and Children	Women's Health	25	-
Promote Well-Being and Prevent Mental Health and Substance Use Disorders	Excessive alcohol consumption by adults	26	12
Prevent Chronic Disease	Chronic Respiratory Conditions	27	-
Prevent Chronic Disease	Dental Care	28	-
Prevent Communicable Diseases	Child Vaccinations	29	15

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

NYS DOH Prevention Agenda Action Plan	Identified Need	2022 Rank	2019 Rank
Promote Women, Infants and Children	Teen Pregnancy	30	31
Promote Healthy and Safe Environment	Asthma	31	28
Prevent Communicable Diseases	Sexually Transmitted Diseases	32	

Source: Prioritization Exercise Strategy Solutions, Inc., 2022

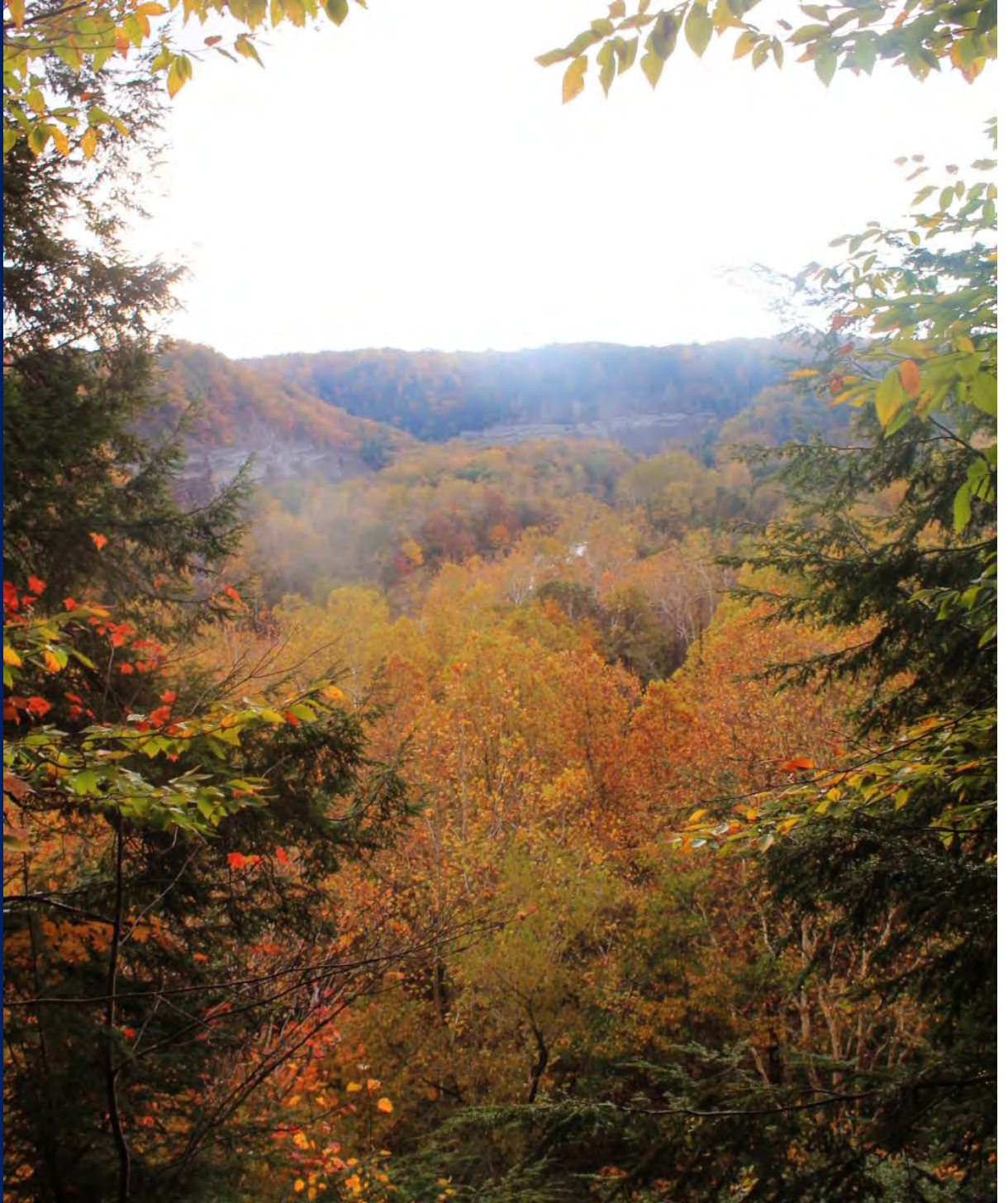
The CHNA work group met to review the results of the prioritization exercise. Leadership at the hospital and health department met and decided on the final priorities for inclusion in the Community Health Improvement Plan.

The following are the New York State Department of Health Priority Areas that OGH/BRMC and CCHD will concentrate their efforts on over the next three years are:

1. Prevent Chronic Disease
2. Promote Well-Being and Prevent Mental Health and Substance Use Disorders

The above significant needs will be addressed in the next section –Implementation Strategy/CHIP.

2022-2024 Community Health Improvement Plan



2022-2024 Implementation Strategy/CHIP

Community health improvement is a systematic effort that must be sustained over time. The process involves an ongoing collaborative, community-wide effort to assess applicable data to identify, analyze, and address health problems; inventory community assets and resources; identify community perceptions; develop and implement coordinated strategies; develop measurable health objectives and indicators; identify accountable entities; and cultivate community ownership of the process.

The development of OGH/BRMC and the CCHD’s Community Health Improvement Plan (CHIP) is based on guidance provided by the New York State Department of Health and the New York State Prevention Agenda. The purpose is to develop an approach to address priority areas identified in the Cattaraugus and McKean counties Community Health Assessment. The CHIP has been developed through the collaborative efforts of OGH/BRMC, the CCHD, and its various community partners.

The CHIP will provide OGH/BRMC and the CCHD with a framework to identify goals, objectives, improvement strategies and performance measures with measurable and time-framed targets that address the following priority areas:

Priority 1: Prevent chronic diseases

Priority 2: Promote well-being and prevent mental health and substance use disorders

This will serve as a guidance document for OGH/BRMC and the CCHD and should be considered a “dynamic” document. The goal is to improve the health status of the residents within the service area and to reduce the health disparities through increased emphasis on prevention.

Note: The table below shows select content from the Cattaraugus and McKean CHIP workplan submitted as a spreadsheet to the NYSDOH and Olean General Hospital/Bradford Regional Medical Center.

Priority Area: Prevent Chronic Disease

Focus Area: Healthy Eating and Food Security

Disparity: Individuals and families in poverty

Lead Agencies: Cattaraugus County Health Department, Olean General Hospital and Bradford Regional Medical Center

Table 95: Prevent Chronic Disease: Food Insecurity

Goal Focus Area	Objectives	Interventions	Family of Measures	Implementation Partner	Partner Role(s) and Resources	By When
Increase food security	<p>Increase the percentage of adults with an annual household income less than \$25,000 with perceived food security by 5% from 60.7% (2016) to 63.7% among all adults by December 2024.</p> <p><i>Source: NYS Prevention Agenda Indicators (NYS BRFSS)</i></p>	Screen for food insecurity, facilitate and actively support referral.	<p># or % of partners that screen for food insecurity and facilitate referrals to supportive agencies</p> <p># or % of people screened for food security</p> <p># or % of referrals to supportive services</p> <p>These measures will be obtained on a quarterly basis from the partners included in this family of measures using a standard spreadsheet shared with partners and/or a standardized online software for consolidating the data tracked.</p>	<p>Local health department</p> <p>Hospital</p> <p>Office for the Aging</p> <p>Social Services</p> <p>Community based organizations</p>	<p>Coordinator; aggregating/analyzing data</p> <p>Facilitator/Educator; sharing staff and/or data</p> <p>Facilitator/Educator; sharing staff and/or data</p> <p>Facilitator/Educator; sharing staff and/or data</p> <p>Facilitator/Educator; sharing staff and/or data</p>	December 31, 2024

Priority Area: Prevent Chronic Disease

Focus Area: Tobacco Prevention

Disparity: Individuals and families in poverty

Lead Agencies: Cattaraugus County Health Department, Olean General Hospital and Bradford Regional Medical Center

Table 96: Prevent Chronic Disease: Tobacco Prevention

Goal Focus Area	Objectives	Interventions	Family of Measures	Implementation Partner	Partner Role(s) and Resources	By When
Prevent initiation of tobacco use.	<ol style="list-style-type: none"> 1. Decrease the prevalence of any tobacco use by middle and high school students by 20% from 9.4% (2021) to 7.5% 2. Decrease the prevalence of vaping product use by middle and high school students by 20% from 17.3% (2021) to 13.8% <p><i>Source: CARES Cattaraugus County Profile Report</i></p>	Use evidence based programming (Catch my Breath) specific to tobacco use and vaping targeting middle and high school students	<p># or % of partners that support effective tobacco control measures to reduce youth initiation</p> <p># or % of schools receiving dangers of tobacco presentations</p> <p># or % of students receiving dangers of tobacco presentations</p> <p># or % of media (regular and social) outlets promoting anti-tobacco campaigns</p> <p>These measures will be obtained on a quarterly basis from the partners included in this family of measures using a standard spreadsheet shared with partners and/or a standardized online software for consolidating the data tracked.</p>	<p>Local health department</p> <p>Community-based organizations</p> <p>Federally qualified health care center</p> <p>Medical group</p>	<p>Coordinator; Aggregating/Analyzing data</p> <p>Facilitator/Educator; Sharing staff and data</p> <p>Facilitator/Educator; Sharing staff and data</p> <p>Facilitator/Educator; Sharing staff and data</p>	December 31, 2024

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

Goal Focus Area	Objectives	Interventions	Family of Measures	Implementation Partner	Partner Role(s) and Resources	By When
Prevent initiation of tobacco use.	<ol style="list-style-type: none"> 1. Decrease the prevalence of any combustible cigarette use by young adults age 18-24 by 22.2% from 11.7% (2016) to 9.1% 2. Decrease the prevalence of vaping product use by young adults age 18-24 years by 23.1% from 9.1% (2016) to 7.0%. <p><i>Source: NYS BRFSS</i></p>	Use health communications targeting health care providers to encourage their involvement in their patients' quit attempts encouraging use of evidence-based quitting, increasing awareness of available cessation benefits (especially Medicaid), and removing barriers to treatment.	<p># or % of providers referring patients to the Quitline or other resources</p> <p># or % of individuals referred</p> <p>These measures will be obtained on a quarterly basis from the partners included in this family of measures using a standard spreadsheet shared with partners and/or a standardized online software for consolidating the data tracked.</p> <p>These measures will be obtained on a quarterly basis from the partners included in this family of measures using a standard spreadsheet shared with partners and/or a standardized online software for consolidating the data tracked.</p>	<p>Hospital</p> <p>Local health department</p> <p>Federally qualified health care center</p> <p>Medical group</p>	<p>Coordinator; Aggregating/Analyzing data</p> <p>Facilitator/Educator; Sharing staff and data</p> <p>Facilitator/Educator; Sharing staff and data</p> <p>Facilitator/Educator; Sharing staff and data</p>	December 31, 2024

Priority Area: Prevent Chronic Disease

Focus Area: Chronic Disease Preventive Care and Management

Disparity: Individuals and families in poverty

Lead Agencies: Cattaraugus County Health Department, Olean General Hospital and Bradford Regional Medical Center

Table 97: Prevent Chronic Disease: Chronic Disease Preventive Care and Management

Goal Focus Area	Objectives	Interventions	Family of Measures	Implementation Partner	Partner Role and Resources	By When
Increase cancer screening rates	<ol style="list-style-type: none"> Increase % of women aged 50-74 who receive a breast cancer by 5.0% to 83.6% (baseline: 79.6% (2018)) Increase % of women aged 21-65 who receive a cervical cancer screening from 5.0% to 93.6% (baseline: 89.1% (2018)) Increase % of adults aged 50-75 who receive a colorectal cancer screening by 5.0% from 68.8% (2018) to 72.2% <p>Source: Prevention Agenda Indicators</p>	Work with health care providers/clinics to put systems in place for patient and provider screening reminders (e.g., letter, postcards, emails, recorded phone messages, electronic health records [HER] alerts).	<p># or % of health systems that implement or improve provide and patient reminder systems</p> <p># or % of patients reached through patient reminder systems</p> <p># or % of patients screened among provider networks</p> <p>These measures will be obtained on a quarterly basis from the partners included in this family of measures using a standard spreadsheet shared with partners and/or a standardized online software for consolidating the data tracked.</p>	<p>Hospital</p> <p>Federally qualified health care center</p> <p>Medical group</p>	<p>Coordinator; Aggregating/Analyzing data</p> <p>Facilitator/Educator; Sharing staff and data</p> <p>Facilitator/Educator; Sharing staff and data</p>	December 31, 2024
Increase early detection of cardiovascular disease, diabetes, prediabetes and obesity	<ol style="list-style-type: none"> Increase the percentage of adults 45+ who had a test for high blood sugar or diabetes within the past three years by 5% from 56.0 (2018) to 58.8. 	Promote testing for prediabetes and risk for future diabetes in asymptomatic people in adults of any age with obesity and overweight (BMI 25 kg/m ² or 23 kg/m ² in Asian Americans) and who have one or more additional	# or % of health systems that implement or improve provide and patient reminder systems; # or % of patients reached through patient reminder systems; # or % of patients screened among provider networks. These measures will be obtained on a quarterly basis from the partners	<p>Medical group</p> <p>Federally qualified health care center</p> <p>Hospital</p>	<p>Facilitator/Educator; Sharing staff and data</p> <p>Facilitator/Educator; Sharing staff and data</p> <p>Coordinator; Aggregating/Analyzing Data</p>	

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

Goal Focus Area	Objectives	Interventions	Family of Measures	Implementation Partner	Partner Role and Resources	By When
		<p>risk factors for diabetes, including first degree relative with diabetes, high risk race/ethnicity, and history of cardiovascular disease. Promote testing for all other patients beginning at 45 years of age. Promote repeat testing at a minimum of 3-year intervals, with consideration of more frequent testing depending on initial results and risk status.</p>	<p>included in this family of measures using a standard spreadsheet shared with partners and/or a standardized online software for consolidating the data tracked.</p>	<p>Local health department</p>	<p>Coordinator; Aggregating/Analyzing Data</p>	

Priority Area: Promote Well-Being and Prevent Mental and Substance Use Disorders Action Plan

Focus Area: Mental and Substance Use Disorders Prevention

Disparity: Individuals and families in poverty

Lead Agencies: Cattaraugus County Health Department, Olean General Hospital and Bradford Regional Medical Center

Table 98: Promote Well-Being and Prevent Mental and Substance Use Disorders: Mental and Substance Use Disorders Prevention

Goal Focus Area	Objectives	Interventions	Family of Measures	Implementation Partner	Partner Role and Resources	By When
Prevent underage drinking and excessive alcohol consumption by adults	Reduce % of youth in grades 6-12 reporting the use of alcohol on at least one day for the past 30 days by 10% from 26.4% in 2021 to 23.8% <i>Source: CARES Cattaraugus County profile report</i>	Implement school-based prevention using evidence based programming provided by CASA Trinity	# or % of students participating and completing evidence based programming # or % of schools participating in the evidence based programming	Local health department Community-based organizations	Coordinator; Aggregating/Analyzing data Facilitator/Educator; Sharing staff & data	December 31, 2024
Prevent underage drinking and excessive alcohol consumption by adults	Reduce the age-adjusted % of adults (age 18 and older) binge drinking during the past month by 10% from 17.0% (2018) to no more than 15.3% <i>Source: NYS Prevention Agenda Indicators</i>	Implement Screening, Brief Intervention, and Referral to Treatment (SBIRT) using electronic screening and brief interventions (e-SBI) with electronic devices (e.g., computers, telephones, or mobile devices) to facilitate delivery of key elements of traditional SBI	# or % of persons offered SBIRT, completed prescreen and full screen # or % positive and followed up with treatment	Local health department Hospital Federally qualified health care center Medical group	Coordinator; Aggregating/Analyzing data Facilitator/Educator; Sharing staff & data Facilitator/Educator; Sharing staff & data Facilitator/Educator; Sharing staff & data	December 31, 2024
Prevent underage drinking and excessive alcohol consumption by adults	Reduce the age-adjusted % of adults (age 18 and older) binge drinking during the past month by 10% from 17.0% (2018) to no more than 15.3% <i>Source: NYS Prevention Agenda Indicators</i>	Integrate trauma-informed approaches into prevention programs by training staff, developing protocols and engaging in cross-system collaboration	# or % completing training # or % with change in policies and/or implementation of policies # or % staff trained in trauma informed approach	Local health department Community-based organizations	Coordinator; Aggregating/Analyzing data Facilitator/Educator; Sharing staff & data	December 31, 2024

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

Goal Focus Area	Objectives	Interventions	Family of Measures	Implementation Partner	Partner Role and Resources	By When
Prevent opioid overdose deaths	Reduce the age-adjusted overdose deaths involving any opioids by 7% to 14.6 per 100,000 population (baseline: 15.7 (2019) per 100,000 population) <i>Source: NYS Prevention Agenda Indicators</i>	Increase availability of/access to overdose reversal (Naloxone) trainings to prescribers, pharmacists and consumers	# or % of professionals who completed naloxone training # or % of county residents who completed naloxone training	Local health department Community-based organizations	Coordinator; Aggregating/Analyzing data Facilitator/Educator; Sharing staff & data	December 31, 2024
Prevent suicides	Reduce the age-adjusted suicide mortality rate by 10% to 17.0 per 100,000 (baseline (18.9 [2017-2019] per 100,000 population) <i>Source: NYS Prevention Agenda Indicators</i>	Identify and support people at risk: Gatekeeper training, crisis intervention, treatment for people at risk of suicide, treatment to prevent re-attempts, postvention, safe reporting and messaging about suicides.	# or % of Gatekeeper trainings provided # or % of people who completed Gatekeeper trainings # or % of people trained who were knowledgeable about the signs and symptoms of suicide # or % of people who felt comfortable applying suicide prevention skills to identify and refer individuals at risk for suicide to appropriate care # or % of patients screened with the PHQ-9 tool and referred for treatment	Local health department Hospital Community-based organizations Federally qualified health care center Department of Community Services (Mental Health) Medical group	Coordinator; Aggregating/Analyzing data Facilitator/Educator; Sharing staff & data Facilitator/Educator; Sharing staff & data Facilitator/Educator; Sharing staff & data Facilitator/Educator; Sharing staff and data	December 31, 2024

Review and Approval



REVIEW AND APPROVAL

The 2022-2024 Community Health Needs Assessment and Implementation Strategy were presented and approved as follows:

- Olean General Hospital's Board of Directors approved the plans on December 14, 2022.
- Cattaraugus County Board of Health approved the plans on December 7, 2022.

The Cattaraugus County 2022-2024 Community Health Needs Assessment and Implementation Strategy are posted on the following websites:

- Olean General Hospital: <https://www.ogh.org/>, click on Community Service Plan on the left-hand side.
- Bradford Regional Medical Center: <https://www.brmc-ogh.org/>, click on About Use in the second top toolbar, then click Community Health Needs Assessments on the left-hand side.
- Cattaraugus County Health Department: <https://www.cattco.org/health/community-health-improvement-plans>, click on 2022-2024 document.

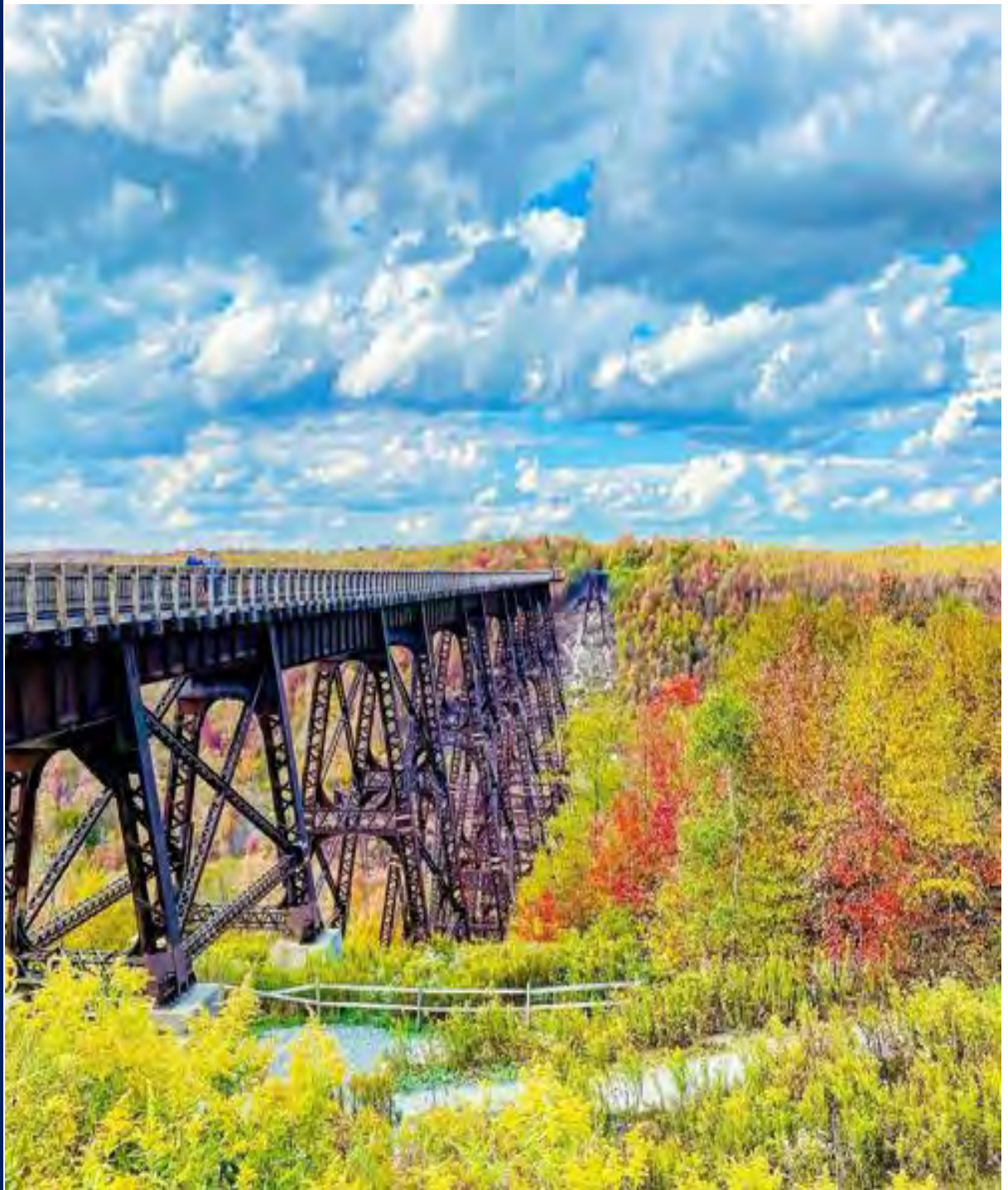
Printed copies are available by contacting:

Stacy Williams
Executive Director
Bradford Hospital Foundation
116 Interstate Parkway
Bradford, PA 16701
Phone: (814) 362-3200 ext. 61235

Kevin D. Watkins, M.D., M.P.H.
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Olean, NYS 14760
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Appendices



APPENDIX A

CATTARAUGUS AND MCKEAN COUNTY INTERCEPT HEALTH SURVEY

Cattaraugus and McKean County Intercept Health Survey

<p><input type="checkbox"/> What is your zip code? _____</p> <p><input type="checkbox"/> How would you best describe your sex?</p> <ul style="list-style-type: none"> <input type="radio"/> Male <input type="radio"/> Female <input type="radio"/> Other <input type="radio"/> Do not identify <p><input type="checkbox"/> Race(check all that apply):</p> <ul style="list-style-type: none"> <input type="radio"/> White <input type="radio"/> Black <input type="radio"/> Native American <input type="radio"/> Asian or Pacific Islander <input type="radio"/> Choose not to answer <input type="radio"/> Hispanic or Latino? <input type="radio"/> Other (Please specify): _____ <p><input type="checkbox"/> What is your age? _____</p> <p><input type="checkbox"/> What stops you from seeking medical care for yourself and/or your family? (Check all that apply)</p> <ul style="list-style-type: none"> <input type="radio"/> I can't get time off from work/I don't have transportation/Cost of medical care. <input type="radio"/> Cost of co-pay for medications <input type="radio"/> Lack of local health care providers/lack of local specialists <p><input type="checkbox"/> Do you smoke?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No <p><input type="checkbox"/> What keeps you from eating fresh fruits and vegetables every day?</p> <ul style="list-style-type: none"> <input type="radio"/> Time it takes to prepare <input type="radio"/> Cost 	<p><input type="checkbox"/> Income range?</p> <ul style="list-style-type: none"> <input type="radio"/> \$0 to less than \$24,999 <input type="radio"/> \$25,000 to 34,999 <input type="radio"/> \$35,000 to \$49,999 <input type="radio"/> \$50,000 to \$74,999 <input type="radio"/> \$100,000 to \$149,999 <input type="radio"/> \$150,000 to \$199,999 <input type="radio"/> \$200,000 or more <p><input type="checkbox"/> How do you pay for Health Care?</p> <ul style="list-style-type: none"> <input type="radio"/> I have health insurance through my employer. <input type="radio"/> I have Medicare <input type="radio"/> I have Medicaid <input type="radio"/> I am covered by VA <input type="radio"/> I purchased Health Insurance through NYS of Health <input type="radio"/> I use Seneca Nation Health Insurance <input type="radio"/> I pay cash <input type="radio"/> I have health insurance through my household <input type="radio"/> Other (Please specify): _____ <p><input type="checkbox"/> Which, if any, of the following would help you become more physically active? (Select all that apply):</p> <ul style="list-style-type: none"> <input type="radio"/> Transportation <input type="radio"/> Walking or exercise group <input type="radio"/> Workshops or classes <input type="radio"/> Safe Place to Walk or Exercise <input type="radio"/> Information about programs in your community <input type="radio"/> Discounts for exercise programs
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<ul style="list-style-type: none"> <input type="radio"/> Availability in stores <input type="radio"/> I don't like to eat healthy foods <input type="radio"/> My family does not like to eat healthy <input type="radio"/> I am not sure how to cook/prepare fresh fruits/vegetables <input type="radio"/> I DO eat fruits and vegetables <input type="radio"/> Other (please specify): _____ <p><input type="checkbox"/> Community problems, unrelated to health, are listed below. Choose 3 issues you face or consider a problem.</p> <ul style="list-style-type: none"> <input type="radio"/> Transportation <input type="radio"/> Jobs <input type="radio"/> Education <input type="radio"/> Housing <input type="radio"/> Lack of support system <input type="radio"/> Not enough money <input type="radio"/> Access to quality child care <input type="radio"/> Medical bills <input type="radio"/> Safety <input type="radio"/> Lack of safe places to walk and play <input type="radio"/> Literacy <input type="radio"/> Hunger <input type="radio"/> Access to healthy foods <input type="radio"/> Discrimination <input type="radio"/> Access to quality of health care <input type="radio"/> Lack of entertainment/shopping malls <p><input type="checkbox"/> How would you rate the health of Cattaraugus County?</p> <ul style="list-style-type: none"> <input type="radio"/> Excellent <input type="radio"/> Very good <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Poor <p><input type="checkbox"/> Which of the following affected you or your family in the last 2 years?</p> <ul style="list-style-type: none"> <input type="radio"/> Allergies <input type="radio"/> Asthma <input type="radio"/> Childhood Obesity 	<ul style="list-style-type: none"> <input type="radio"/> Low cost sneakers, sweat suits, or other equipment <input type="radio"/> A friend to exercise with <input type="radio"/> Not applicable. I am physically active <p><input type="checkbox"/> How often do you see a doctor?</p> <ul style="list-style-type: none"> <input type="radio"/> Once per year <input type="radio"/> A few times a year <input type="radio"/> Only when I am sick <input type="radio"/> I don't go to the doctor <input type="radio"/> Other (please specify): _____ <p><input type="checkbox"/> Did you receive the COVID-19 Vaccine?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No <p><input type="checkbox"/> What do you drink most often?</p> <ul style="list-style-type: none"> <input type="radio"/> Water <input type="radio"/> Milk <input type="radio"/> Pop or soda <input type="radio"/> Diet pop or diet soda <input type="radio"/> Coffee (hot or iced) <input type="radio"/> Tea (hot or iced) <input type="radio"/> 100% juice <input type="radio"/> Juice drinks <input type="radio"/> Energy drinks (Monster, Red Bull, etc.) <input type="radio"/> Sports drinks <input type="radio"/> Kool-Aid, Crystal Light, other drink mixes. <input type="radio"/> Beer, wine, liquor <input type="radio"/> Other (please specify): _____ <p><input type="checkbox"/> What do you think are the top 3 health problems in Cattaraugus County?</p> <ul style="list-style-type: none"> <input type="radio"/> Alcohol Abuse <input type="radio"/> Tobacco Use <input type="radio"/> Illegal drug abuse <input type="radio"/> Healthy aging <input type="radio"/> Overweight <input type="radio"/> Obesity <input type="radio"/> Diabetes
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<ul style="list-style-type: none"> <input type="radio"/> Obesity <input type="radio"/> COPD <input type="radio"/> Dental Problems <input type="radio"/> Depression <input type="radio"/> Pre-Diabetes <input type="radio"/> Diabetes <input type="radio"/> Flu <input type="radio"/> COVID-19 <input type="radio"/> Heart Disease <input type="radio"/> Hepatitis C <input type="radio"/> High Blood Pressure <input type="radio"/> High Cholesterol <input type="radio"/> Mental Health <input type="radio"/> Pneumonia <input type="radio"/> Sexually Transmitted Disease <input type="radio"/> Stroke <input type="radio"/> Not applicable, we are all healthy 	<ul style="list-style-type: none"> <input type="radio"/> Access to fresh fruits and vegetables <input type="radio"/> Dental care <input type="radio"/> High blood pressure <input type="radio"/> Heart disease <input type="radio"/> COVID-19 <input type="radio"/> Stroke <input type="radio"/> Cancer <input type="radio"/> Infectious disease <input type="radio"/> Asthma/COPD <input type="radio"/> Teen pregnancy <input type="radio"/> Sexually transmitted infections <input type="radio"/> HIV/AIDS <p><input type="checkbox"/> How would you rate your personal health?</p> <ul style="list-style-type: none"> <input type="radio"/> Excellent <input type="radio"/> Very Good <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Poor <p><input type="checkbox"/> Do you believe the legalization of marijuana in NYS will present new health concerns?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Comments? _____ _____ _____
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APPENDIX B

CATTARAUGUS AND MCKEAN COUNTY COMMUNITY HEALTH SURVEY

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

Bradford Regional Medical Center, Olean General Hospital and the Cattaraugus County Health Department are interested in learning about the health of the residents in McKean County, PA and Cattaraugus County, NY. Your input in this process is very important. We are asking that you complete this survey that will help us to identify the needs of our community so that we can work together to address those needs. The survey should take approximately 5-10 minutes to complete, and we ask that you **please complete by January 21, 2022**.

Your responses are important and will provide us with information that will allow us to identify the most pressing needs of our community so that we might all work together to address those needs. Please note that your responses are completely anonymous. If you have questions regarding the survey or need assistance completing this survey, please contact Jacqui at 1-866-480-8003 or jacqui@getstrategy.com.

To thank you for your participation you will be entered into a drawing for a chance to win one of four (4) \$50 Chamber Gift Cards (2 for each county). Upon completion of the survey, you will be directed to a separate page to input your contact information for a chance to win one of these prizes. Winners will be notified by the end of January 2022.

Thank you for your participation!

1. What is your ZIP Code? _____
2. How would you rate your (personal) overall health?
 Excellent Very Good Good Fair Poor
3. How would you rate the health status of your community?
 Excellent Very Good Good Fair Poor
4. During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, aerobics, golf, gardening, or walking for exercise?
 Yes No Don't Know
5. How often are you physically active for 30 minutes or more? (Mark only one)
 1-2 times per week I try to add physical activity when possible (i.e. taking the stairs, parking farther away, etc.)
 3-5 times per week None beyond regular daily activity
 6-7 times per week Other, please specify _____

6. Which, if any, of the following would help you become more active? (Please check all that apply)

<input type="checkbox"/> Transportation to a park/gym/class/etc.	<input type="checkbox"/> Safe place to walk or exercise
<input type="checkbox"/> Walking or Exercise Groups	<input type="checkbox"/> Information about programs in your community
<input type="checkbox"/> Workshops or Classes	<input type="checkbox"/> Activities you can do with your children
<input type="checkbox"/> Discounts for exercise programs or gym memberships	<input type="checkbox"/> Individual instruction/personal trainer

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- Low cost sneakers, sweat suits, or other equipment
 - Exercise partner
 - Not applicable, I am physically active!
 - Other, please specify _____
7. Do you have any kind of health care coverage or health insurance?
- Yes No Used to, but don't have any now Don't Know
8. How do you pay for your health care? (Check all that apply)
- I have health insurance through my employer
 - I have Medicare
 - I have Medicaid
 - I am covered by the VA
 - I purchased health insurance through the healthcare marketplace
 - I use Tribal Health
 - I pay cash
 - I have health insurance through my household
9. Where do you get most of your health information?
- Doctor/Medical Provider/Primary Care Provider
 - Library
 - Newspaper or Magazine
 - School Nurse/School Health Educator/Teacher
 - Social Media (Facebook, Twitter, etc.)
 - Television (TV) or Radio
 - Computer or Internet
 - Friends and Family
 - Health Insurance Company
 - Head Start
 - WIC (Nutrition program for children and pregnant/nursing women)
 - Community Worker/Peer Navigator
 - Social Services
 - Work Place
 - Other, please specify _____
10. How often do you see your primary care provider? (Mark only one)
- Several times a year
 - Only when I am sick
 - I don't have a primary care provider
 - For a yearly check-up
 - I don't go see my primary care provider
11. In the past year, was there any time that you needed medical care but could not – or did not – get it?
- Yes,
→How many times?
 - No (Skip to question 13)
12. What were the main reasons you did not get the medical care you needed? (Check all that apply)
- Cost – Without insurance, it was too expensive
 - Cost – Even with insurance, it was too expensive
 - Transportation – It was too hard to get there
 - Hours – They weren't open when I could get there
 - I couldn't get an appointment for a long time
 - The medical staff didn't speak my language
 - I couldn't get a referral to see a specialist
 - I didn't know where to get the care I needed there

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- I couldn't get time off from work
 - I had no one to watch my children
 - I decided not to go because I don't like going to doctors
 - Some other reason (please explain)
-
13. Sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the colon for signs of cancer or other health problems. Have you ever had either of these exams?
- Yes
 - No
 - Don't Know
14. Do you currently use chewing tobacco, snuff, or snus every day, some days, or not at all? (Note: snus [Swedish for snuff] is a moist smokeless tobacco, usually sold in small pouches that are placed under the lip against the gum)
- Every Day
 - Some Days
 - Not at All
15. Do you currently smoke?
- Yes,
→Please enter the number of cigarettes smoked per day: _____
 - No
16. Have you ever been told by a doctor, nurse, or other health care professional that you have high blood pressure?
- Yes
 - Yes, but only during pregnancy
 - No
 - Told borderline or pre-hypersensitive
 - Don't Know
17. Have you ever been told by a doctor that you have diabetes?
- Yes
 - Yes, but only during pregnancy
 - No
 - No, pre-diabetes or borderline diabetes
 - Don't Know
18. About how long has it been since you last had your blood pressure checked by a doctor, nurse, or other health care provider?
- Less than 6 months
 - 6 months to less than 12 months
 - 12 months to less than 2 years
 - 2 years to less than 5 years
 - 5 years or more
 - Never
19. About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a physical exam, not an exam for a specific injury, illness, or condition.
- Less than 6 months
 - 2 years to less than 5 years

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- 6 months to less than 12 months
- 12 months to less than 2 years
- 5 years or more
- Never

20. About how long has it been since you last visited a dentist or dental clinic for any reason? (Include visits to specialists, such as orthodontists)

- Less than 6 months
- 6 months to less than 12 months
- 12 months to less than 2 years
- 2 years to less than 5 years
- 5 years or more
- Never

21. About how long has it been since you last had your cholesterol checked?

- Less than 6 months
- 6 months to less than 12 months
- 12 months to less than 2 years
- 2 years to less than 5 years
- 5 years or more
- Never

22. FEMALES ONLY: How long has it been since your last Pap test?

- Less than 6 months
- 6 months to less than 12 months
- 12 months to less than 2 years
- 2 years to less than 5 years
- 5 years or more
- Never had one

23. FEMALES ONLY: How long has it been since your last mammogram?

- Less than 6 months
- 6 months to less than 12 months
- 12 months to less than 2 years
- 2 years to less than 5 years
- 5 years or more
- Never had one

24. MALES ONLY: A prostate-specific Antigen test, also called a PSA test, is a blood test used to check men for prostate cancer. How long has it been since your last PSA test?

- Less than 6 months
- 6 months to less than 12 months
- 12 months to less than 2 years
- 2 years to less than 5 years
- 5 years or more
- Never had one

25. During the past month, not counting juice, how many times per day, week, or month did you eat fruit? (Count fresh, frozen or canned fruit)

Day _____
 Week _____
 Month _____

26. During the past month, how many times per day, week, or month did you eat dark green vegetables for example broccoli or leafy greens including romaine, chard, collard greens, or spinach?

Day _____
 Week _____
 Month _____

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27. FEMALES ONLY: Considering all types of alcoholic beverages, how many times in the last 30 days have you had 4 or more drinks on the same occasion (at the same time or within a couple of hours of each other)? _____

28. MALES ONLY: Considering all types of alcoholic beverages, how many times in the last 30 days have you had 5 or more drinks on the same occasion (at the same time or within a couple of hours of each other)? _____

29. In the last 30 days, what is the largest number of drinks that you have had on any one occasion? _____

30. Over the past two weeks, how often have you been bothered by the following?

	Not at all	Several days	More than half the days	Nearly every day
Little or no interest or pleasure in doing things?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feeling down, depressed, or hopeless?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trouble falling asleep, staying asleep, or sleeping too much?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

31. About how much do you weigh without shoes? _____

32. About how tall are you without shoes?

Feet _____

Inches _____

- Social and Environmental Issues

33. Have the following directly affected you or your family in the last 2 years?

	Very Serious Affect	Serious Affect	Somewhat of an Affect	Small Affect	No Affect	Not Applicable
Affordable and Adequate Housing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Homelessness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Employment Opportunities/Lack of Jobs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Poverty	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of Recreational Opportunities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of Safe Roads and Sidewalks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of Early Childhood Care	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of Quality After School Programs/Care	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Affordable Healthy Foods	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Fresh, Available Drinking Water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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- Behaviors

34. Have the following directly affected you or your family in the last 2 years?

	Very Serious Affect	Serious Affect	Somewhat of an Affect	Small Affect	No Affect	Not Applicable
Alcohol Abuse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prescription Drug Abuse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Illegal Drug Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crime	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delinquency/Youth Crime	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Domestic Violence/Abuse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sexual Abuse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Child Physical Abuse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Child Sexual Abuse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Child Emotional Abuse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Child Neglect	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Violence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gun Violence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of Exercise/Physical Activity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sexual Behaviors (unprotected, irresponsible/risky)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Teenage Pregnancy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tobacco Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tobacco Use in Pregnancy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Driving Under the Influence of Drugs or Alcohol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Texting and Driving	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Motor Vehicle Crash Deaths	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gambling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

- Access

35. Have the following directly affected you or your family in the last 2 years? (Consider things like coverage under your health benefit plan, cost of service, location, transportation, knowledge of providers, etc...)

	Very Serious Affect	Serious Affect	Somewhat of an Affect	Small Affect	No Affect	Not Applicable
Access to Insurance Coverage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Adult Immunizations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Childhood Immunizations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to General Health Screenings (including blood pressure, cholesterol, colorectal cancer and diabetes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Mental Health Care Services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Prenatal Care	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Transportation to Medical Care Providers and Services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Women's Health Services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Primary Medical Care Providers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Availability of Specialists/Specialty Medical Care	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Affordable Health Care (related to copays and deductibles)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Dementia Care Services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Dental Care	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Emergency Shelter in the Area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

36. Was there a time in the past 12 months when you experienced any of the following?

	Yes	No	Don't Know
Could not fill a prescription due to cost	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Could not seek medical treatment because of cost	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Could not get health care services because of lack of transportation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

37. What other things kept you from receiving the health care you needed in the past 12 months?

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- Health Problems

38. Have the following directly affected you or your family in the last 2 years?

	Very Serious Affect	Serious Affect	Somewhat of an Affect	Small Affect	No Affect	Not Applicable
Asthma/COPD related issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cancer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diabetes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Influenza and Pneumonia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heart Disease	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Obesity and Overweight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Childhood Obesity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cardiovascular Disease and Stroke	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High Cholesterol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hypertension/High Blood Pressure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dental Hygiene/Dental Problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Allergies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chronic Depression	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

39. Has the COVID-19 (coronavirus) pandemic made any of these more difficult for you? (Check all that apply)

- Housing (paying rent, facing eviction, foreclosure, maintenance, etc.)
- Job Security (unemployed, got fired or laid off, less work to do than before, less income, etc.)
- Transportation (getting to places you need to go, riding public transit, driving a car, etc.)
- Access to Food (affording groceries, getting SNAP benefits, feeding family or loved ones, etc.)
- Utilities (facing electric, gas or water shut-offs or difficulty paying for them)
- Paying bills (medical or other)
- Affording other basic needs (not mentioned above)
- Access to health care

40. Since the start of the COVID-19 pandemic, do you feel that your mental health is better, worse or stayed the same?

- Better
- About the same
- Worse

41. Have you had trouble meeting any health needs during the COVID-19 pandemic?

- Yes
- No

42. Have you put off or avoided getting health care services as a result of COVID-19?

- Yes
- No

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- Community Needs

43. What do you feel are the top three **health problems** in the community you live in? (For example: cancer, diabetes, obesity, etc.) Your response does not need to be limited to topics in previous questions.

Problem 1: _____

Problem 2: _____

Problem 3: _____

44. What do you feel are the top three **social or environmental problems** in the community you live in? (For example: high rates of drug use, language, lack of jobs, etc.) Your response does not need to be limited to topics in previous questions.

Problem 1: _____

Problem 2: _____

Problem 3: _____

45. What additional health care services would you like in the area? _____

The following are for statistical purposes only:

46. With which gender do you most identify?
 Male Female Non-binary Prefer to self-describe _____
47. Age: (Mark only one)
 Under 18 40-49 70 and over
 18-29 50 - 59
 30-39 60 - 69
48. Number of children under the age of 18 in your household? _____
49. Race: (Please check all that apply)
 White/Caucasian Alaska Native
 Black/African American Prefer not to answer
 Native Hawaiian or other Pacific Islander Don't Know
 Native American Other, please specify _____
50. Are you Hispanic or Latino?
 Yes No
51. Highest Grade Level of School Completed: (Mark only one)
 Less than 9th Grade Some College, No Degree Master's Degree
 Some High School, No Diploma Associates Degree Professional School Degree
 High School Graduate (or GED) Bachelor's Degree Doctorate Degree
52. Household Income: (Mark only one)
 Less than \$15,000 \$50,000 to \$74,999 \$150,000 to \$199,999
 \$15,000 to \$24,999 \$75,000 to \$99,999 \$200,000 or more
 \$25,000 to \$49,999 \$100,000 to \$149,999
53. Marital Status: (Mark only one)
 Single, Never Married Widowed
 Married Separated
 Divorced Member of an Unmarried Couple
54. Current Employment Status: (Mark only one)
 Employed full time (40+ hours) Unemployed/currently looking for work Homemaker
 Employed part time (up to 39 hours/week) Unemployed/not currently looking for work Self - Employed
 I work multiple jobs Student Unable to Work
 Retired Disabled

Thank you very much for your time and input!

APPENDIX C

CATTARAUGUS AND MCKEAN COUNTY CSP/CHA/CHIP COMMUNITY HEALTH SURVEY

ADDITIONAL DATA

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

The following data is from the community health needs assessment and illustrates data that was collected on the survey but was not presented in the report.

During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, aerobics, golf, gardening, or walking for exercise?				
	Cattaraugus County N=852		McKean County N=732	
	Frequency	Percent	Frequency	Percent
Yes	579	68.0%	504	68.9%
No	269	31.6%	224	30.6%
Don't Know	4	0.5%	4	0.5%

Where do you get most of your health information? Check all that apply.				
	Cattaraugus County		McKean County	
	Frequency	Percent	Frequency	Percent
Doctor/Medical Provider/PCP	693	77.1%	595	78.6%
Library	17	1.9%	8	1.1%
Newspaper or Magazine	107	11.9%	89	11.8%
School nurse/school health educator/teacher	29	3.2%	17	2.2%
Computer or internets	510	56.7%	418	55.2%
Social Media	71	7.9%	61	8.1%
TV or Radio	102	11.3%	68	9.0%
Friends and Family	157	17.5%	146	19.3%
Health Insurance Company	126	14.0%	120	15.9%
Social Services	3	0.3%	10	1.3%
Head Start	4	0.4%	2	0.3%
WIC	8	0.9%	2	0.3%
Workplace	121	13.5%	107	14.1%
Community worker/peer navigator	9	1.0%	6	0.8%
Other	46	5.1%	33	4.4%

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About how long has it been since you last had your blood pressure checked by a doctor, nurse, or other health care provider?				
	Cattaraugus County N=813		McKean County N=671	
	Frequency	Percent	Frequency	Percent
Less than 6 months	638	78.5%	525	78.2%
6 months-12 months	127	15.6%	103	15.4%
12 months-2 years	28	3.4%	31	4.6%
2 years-5 years	12	1.5%	10	1.5%
5 years+	6	0.7%	1	0.1%
Never	2	0.2%	1	0.1%

About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a physical exam, not an exam for a specific injury, illness, or condition.				
	Cattaraugus County N=810		McKean County N=673	
	Frequency	Percent	Frequency	Percent
Less than 6 months	453	55.9%	394	58.5%
6 months-12 months	246	30.4%	167	24.8%
12 months-2 years	64	7.9%	70	10.4%
2 years-5 years	26	3.2%	22	3.3%
5 years+	18	2.2%	18	2.7%
Never	3	0.4%	2	0.3%

MALES ONLY: A prostate-specific Antigen test, also called a PSA test, is a blood test used to check men for prostate cancer. How long has it been since your last PSA test?				
	Cattaraugus County N=236		McKean County N=171	
	Frequency	Percent	Frequency	Percent
Less than 6 months	47	19.9%	48	28.1%
6 months-12 months	29	12.3%	27	15.8%
12 months-2 years	10	4.2%	10	5.8%
2 years-5 years	5	2.1%	5	2.9%
5 years+	7	3.0%	2	1.2%
Never had one	138	58.5%	79	46.2%

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Has the COVID-19 (coronavirus) pandemic made any of these more difficult for you? Please check all that apply				
	Cattaraugus County		McKean County	
	Frequency	Percent	Frequency	Percent
Housing	64	7.1%	52	6.9%
Job Security	97	10.8%	87	11.5%
Transportation	33	3.7%	36	4.8%
Access to Food	73	8.1%	73	9.6%
Utilities	70	7.8%	63	8.3%
Paying Bills	97	10.8%	99	13.1%
Affording other basic needs	76	8.5%	63	8.3%
Access to health care	100	11.1%	132	17.4%

Since the start of the COVID-19 pandemic, do you feel that your mental health is better, worse, or stayed the same?				
	Cattaraugus County N=701		McKean County N=568	
	Frequency	Percent	Frequency	Percent
Better	18	2.6%	6	1.1%
About the same	373	53.2%	284	50.0%
Worse	310	44.2%	278	48.9%

Have you had trouble meeting any health needs during the COVID-19 pandemic?				
	Cattaraugus County N=702		McKean County N=564	
	Frequency	Percent	Frequency	Percent
Yes	170	24.2%	199	35.3%
No	532	75.8%	365	64.7%

Have you put off or avoided getting health care services as a result of COVID-19?				
	Cattaraugus County N=706		McKean County N=567	
	Frequency	Percent	Frequency	Percent
Yes	288	40.8%	275	48.5%
No	418	59.2%	292	51.5%

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Gender				
	Cattaraugus County N=688		McKean County N=554	
	Frequency	Percent	Frequency	Percent
Prefer to self-identify below	1	0.1%	3	0.5%
Male	154	22.4%	106	19.1%
Female	530	77.0%	445	80.0%
Non-binary	3	0.4%	2	0.4%

Age				
	Cattaraugus County N=687		McKean County N=555	
	Frequency	Percent	Frequency	Percent
18-24	14	2.0%	7	1.3%
25-34	92	13.4%	47	8.5%
35-44	156	22.7%	100	18.0%
45-54	127	18.5%	103	18.6%
55-64	148	21.5%	155	27.9%
65-74	118	17.2%	113	20.4%
75 and older	32	4.7%	30	5.4%

How many children under the age of 18 live in your household?				
	Cattaraugus County N=636		McKean County N=169	
	Frequency	Percent	Frequency	Percent
0	356	39.5%	30	40.4%
1	103	11.5%	40	5.2%
2	122	13.6%	70	9.2%
3	39	4.4%	21	2.8%
4	11	1.2%	7	0.9%
5	2	0.2%	0	0.0%
6	1	0.1%	1	0.1%
9	2	0.2%	0	0.1%

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Race				
	Cattaraugus County N=708		McKean County N=560	
	Frequency	Percent	Frequency	Percent
Caucasian/White	653	72.6%	544	71.9%
Black or African American	10	1.1%	4	0.5%
Asian	0	0.0%	0	0.0%
Native Hawaiian or other Pacific Islander	2	0.2%	1	0.1%
Native American	19	2.1%	7	0.9%
Alaska Native	1	0.1%	0	0.0%
Don't Know	3	0.3%	1	0.1%
Other	20	2.2%	3	0.4%

Are you Hispanic or Latino?				
	Cattaraugus County N=669		McKean County N=541	
	Frequency	Percent	Frequency	Percent
Yes	3	0.4%	5	0.9%
No	659	98.5%	535	98.9%
Don't Know	7	1.0%	1	0.2%

Highest Grade				
	Cattaraugus County N=655		McKean County N=549	
	Frequency	Percent	Frequency	Percent
Less than 9 th grade	0	0.0%	1	0.2%
Some high school no diploma	11	1.6%	6	1.1%
High School Graduate or GED	76	11.1%	86	15.7%
Some college no degree	93	13.6%	98	17.9%
Associates Degree	124	18.1%	79	14.4%
Bachelor's degree	168	24.5%	146	26.6%
Master's degree	149	21.8%	103	18.8%
Professional School Degree	25	3.6%	13	2.4%
Doctorate Degree	39	5.7%	17	3.1%

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Marital Status				
	Cattaraugus County N=681		McKean County N=548	
	Frequency	Percent	Frequency	Percent
Single never married	106	15.6%	65	11.9%
Married	434	63.7%	351	64.1%
Divorced	76	11.2%	62	11.3%
Widowed	25	3.7%	31	5.7%
Separated	6	0.9%	10	1.8%
Member of an unmarried Couple	34	5.0%	29	5.3%

Employment Status				
	Cattaraugus County N=656		McKean County N=549	
	Frequency	Percent	Frequency	Percent
Other	17	2.5%	21	3.8%
Currently employed for wages	468	68.9%	325	59.2%
Self-employed	24	3.5%	20	3.6%
Out of work for less than one year	4	0.6%	8	1.5%
Out of work for more than one year	4	0.6%	3	0.5%
Homemaker	23	3.4%	4	0.7%
Student	2	0.3%	4	0.7%
Retired	119	17.5%	142	25.9%
Unable to work	18	2.7%	22	4.0%

APPENDIX D

STAKEHOLDER INTERVIEW GUIDE

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

Thank you for taking the time to talk with us to support the Cattaraugus/McKean County Community Health Needs Assessment Process.

1. First of all, could you tell me a little bit about yourself and your background/ experience with community health related issues.

2. What, in your opinion, are the top 3 community health needs for Cattaraugus/McKean County?	3. What, in your opinion are the issues and the environmental factors that are driving these community health needs?
1.	
2.	
3.	
Others mentioned:	

4. Check to see if the area they were selected to represent is one of the top priorities identified above. If not mentioned, say....

Our records indicate that you were selected to participate in these individual interviews because you have specific background/experience/ knowledge regarding _____. What do you feel are the key issues related to this topic area?

What, in your opinion are the issues and the environmental factors that are driving the needs in this topic area?

APPENDIX E

FOCUS GROUP TOPIC GUIDE

2022-2024 Bradford Regional Medical Center, Olean General Hospital and Cattaraugus County Health Department CHA-CHIP

Hello, my name is _____ and we're going to be talking about community health. We are attempting to conduct a community health assessment by asking diverse members of the community to come together and talk to us about community health problems, services that are available in the community, barriers to people using those services, and what kinds of things that could or should be done to improve the health of the community.

Does anyone have any initial questions?

Let's get started with the discussion. As I stated earlier, we will be discussing different aspects of community health. First, I have a couple of requests. One is that you speak up and only one person speaks at a time.

The other thing is, please say exactly what you think. There are no right or wrong answers in this. We're just as interested in your concerns as well as your support for any of the ideas that are brought up, so feel free to express your true opinions, even if you disagree with an idea that is being discussed.

I would also ask that you do some self-monitoring. If you have a tendency to be quiet, force yourself to speak and participate. If you like to talk, please offer everyone a chance to participate. Also, please don't be offended if I think you are going on too long about a topic and ask to keep the discussion moving.

Also, we have an outline of the topics that we would like to discuss before the end of our meeting. If someone brings up an idea or topic that is part of our later questions, I may ask you to "hold that thought" until we get to that part of our discussion.

1. How would you rate the health of the community? Would you say it is Excellent, Very Good, Good, Fair, or Poor? Why do you say that?
2. What does a healthy community look like?
3. What more needs done so the community reflects that definition?
4. What are the health related needs/issues facing the community?
5. What, if any gaps exist in services in the community? In other words are there things not available that people need?
6. What, if any barriers exist to accessing services?
7. What more can OGH/BRMC do to help create a healthy community?
8. What more can the Cattaraugus County Health Department do to help create a healthy community?
9. I am going to go around the room and ask each of you to tell me 1 priority for the hospital and/or health department to focus on over the next 3 years to help improve the health of the community.

APPENDIX F

COMMUNITY AND HOSPITAL RESOURCES

Tables 99 – 122 show the community and hospital resources available in Cattaraugus County. Resources available for McKean County can be accessed through the link to United Way 211 at the beginning of each table. Resources are broken down into categories based on chapter and/or topical heading.

Food Security and Healthy Eating

Resources available in McKean County can be accessed through **United Way 211**. **Table 99** below is a listing of community resources (other than the hospital) available in Cattaraugus County for residents to access regarding healthy eating and food security.

Table 99: Food Security: Community Resources Listing for Cattaraugus County

Agency	Address	City	St	Zip	Phone Number	Website
Allegany Free Methodist Church Food Pantry	2523 Five Mile Road	Allegany	NY	14706	716-372-0388	http://www.creeksidechapel.org/
Bridge - St Bonaventure Outreach Corp	95 East Main Street	Allegany	NY	14706	716-373-1330 x16	https://stbonas.weconnect.com/the-bridge-outreach-program
Cattaraugus Food Pantry	11 Washington St	Cattaraugus	NY	14719	716-257-3077	https://www.foodpantries.org/ci/ny-cattaraugus
Community Action Food Pantry	25 Jefferson St	Salamanca	NY	14779	716-945-1041	https://www.ccaction.org/events/ca-mobile-food-pantry-jemws-kx489-2j76t
Cornell Cooperative Extension - Cattaraugus County	28 Parkside Drive	Ellicottville	NY	14731	716-699-2377	http://cattaraugus.cce.cornell.edu/
Creekside Chapel Food Pantry	2523 Five Mile Rd	Allegany	NY	14706	716-372-0388	https://www.creeksidechapel.org/get-involved/food-pantry/
Delevan Food Pantry	Church & Delevan Ave	Delevan	NY	14042	716-492-3231	https://www.foodpantries.org/li/d-elevan-community-food-pantry
Eat Smart New York-Cattaraugus County CCE	28 Parkside Drive	Ellicottville	NY	14731	716-699-2377 x111	http://cattaraugus.cce.cornell.edu/
Ellicottville Memorial Library	6499 Maples Road	Ellicottville	NY	14731	716-699-2842	http://www.evml.org
Expanded Food and Nutrition Education Program – Cattaraugus CCE	28 Parkside Drive	Ellicottville	NY	14731	716-699-2377	http://cattaraugus.cce.cornell.edu/

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Agency	Address	City	St	Zip	Phone Number	Website
Franklinville Food Pantry - Catholic Charities	28 Park Square	Franklinville	NY	14737	716-676-3215	https://www.211wny.org/provider/8666/
Free Methodist Church of South Dayton	327 Pine Street	South Dayton	NY	14138	716-988-3232	https://www.cattco.org/location/south-dayton-nutrition-site-1495
Gowanda Area Love in the Name of Christ	64 East Main Street	Gowanda	NY	14070	716-532-6130	http://www.gowandaloveinc.org/
Harvest Field Outreach	408 W State St	Olean	NY	14760	716-372-3711	https://www.211wny.org/provider/10782/
Healthy Community Alliance, Inc.	1 School Street Suite 100	Gowanda	NY	14070	716-532-1010	http://www.communityalliance.org
Hinsdale Ischua Food Pantry	3678 Main Street	Hinsdale	NY	14743	716-557-2449	https://www.211wny.org/provider/653/
Lighthouse Community Kitchen	25 Jefferson St	Salamanca	NY	14779	716-945-1041	https://www.nyconnects.ny.gov/services/lighthouse-community-kitchen-sofa27474
Limestone Food Pantry	941 N Main St	Limestone	NY	14753	716-925-8748	https://www.foodpantries.org/ci/ny-limestone
Little Valley Holiday Cheer	618 Erie Street	Little Valley	NY	14755	716-938-6332	https://www.facebook.com/profile.php?id=100064414850819
Little Valley United Methodist Church Clothes Closet	109 Court Street	Little Valley	NY	14755	716-938-6150	http://www.littlevalleyumc.org
Loaves 'N Fishes Hillside Wesleyan Church	753 Prospect Ave	Olean	NY	14760	716-373-6800	https://foodbanks.org/detail/loaves_fishes_food_pantry_hillside_wesleyan_church_olean_ny.html
Mobile Food Pantry at Dayton Food Pantry	9586 Railroad Avenue	Dayton	NY	14041	716-725-9229	https://www.foodbankwny.org/about-us/how-the-food-bank-works/programs/mobile-food-pantry/

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Agency	Address	City	St	Zip	Phone Number	Website
Mobile Food Pantry at Trading Post South Food Pantry	11 Washington Street	Cattaraugus	NY	14719	716-257-3077	https://www.foodbankwny.org/about-us/how-the-food-bank-works/programs/mobile-food-pantry/
Olean Food Pantry	8 Leo Moss Dr	Olean	NY	14760	716-372-4989	http://www.oleanfoodpantry.org/
Portville Community Food Pantry	19 North Main Street	Portville	NY	14770	716-933-6426	http://www.portville-presbyterian.org/food-pantry.html
Randolph Community Cupboard	28 Jamestown Street Randolph Historical Building	Randolph	NY	14772	716-358-4848	https://www.211wny.org/provider/747/
Roberts Memorial Free Methodist Church	111 South Street	Cattaraugus	NY	14719	716-257-3326	robertsfmc.org
Salvation Army	310 East State Street	Olean	NY	14760	716-372-6740	https://easternusa.salvationarmy.org/empire/olean/
Seneca Nation Food Pantry	262 Broad St	Salamanca	NY	14779	716-945-2655	https://sni.org/
St. Vincent De Paul	441 N Union St	Olean	NY	14760	716-373-0815	https://www.211wny.org/provider/804/
Trading Post South	11 Washington Street	Cattaraugus	NY	14719	716-257-3077	www.savinggraceoutreach.org
United Church of Ellicottville	53 Elizabeth Street	Ellicottville	NY	14731	716-699-4003	https://www.pbywny.org/churches/united-church-of-ellicottville
Valley View Baptist Church Food Pantry	33055 Route 353	Little Valley	NY	14755	716-938-9797	https://www.freefood.org/l/ny_14755_valley-view-baptist-church-pantry
Warming House - St Bonaventure University Ministries	164 North Union Street	Olean	NY	14760	716-372-2805	http://www.sbu.edu
Your Father's Attic	17 Washington Street	Cattaraugus	NY	14719	716-257-3077	http://www.savinggraceoutreach.org/trading-post.html

Table 100 below is a listing of hospital resources available in Cattaraugus County and **Table 101** are those available in McKean County for residents to access regarding healthy eating and food security.

Table 100: Healthy Eating and Food Security: Olean General Hospital Resources Listing for Cattaraugus County

Programs and Services	Address	City	State	Zip	Phone Number
Nutritional Services					
Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-6297

Table 101: Healthy Eating and Food Security: Bradford Regional Medical Center Resources Listing for McKean County

Programs and Services	Address	City	State	Zip	Phone Number
Nutritional Services					
Bradford Regional Medical Center	116 Interstate Parkway	Bradford	PA	16701	(814) 362-8717

Physical Activity and Recreation

Resources available in McKean County can be accessed through **United Way 211**. **Table 102** below is a listing of community resources (other than the hospital) available in Cattaraugus County for residents to access regarding physical activity.

Table 102: Physical Activity: Community Resources Listing for Cattaraugus County

Agency	Address	City	State	Zip	Phone Number	Website
Individual and Family Life-Leisure Activities/Recreation						
Allegany Skate Park and Bicycle Shop	4122 NY 417	Allegany	NY	14706	716-307-4528	alleganyskatepark.com
Allegheny River Valley Trail		Olean	NY			Enchantedmountains.com
Pat McGee Trail		Little Valley	NY	14755		Enchantedmountains.com
Fitness Centers that Participate in Employee Wellness Program						
Droney Fit & Wellness	3134 NYS Route 417	Olean	NY	14760	716-372-3488	http://www.droneyfit.com/
YMCA of Twin Tiers	1001 Wayne Street	Olean	NY	14760	716-373-2400	https://www.twintiersymca.org/locations/olean-ymca
Groove Health and Fitness	6696 US-219	Ellicottville	NY	14760	716-435-9591	http://www.groovehealthandfitness.com/
Olean Meditation Center	2274 Dugan Road	Olean		14759	716-375-5549	https://oleanmeditation.org/
Fitness Centers						
AKT Combatives Academy	705 N. Union St.	Olean	NY	14760	716-373-1050	https://aktcombatives.com
Dance Arts	132 N. Union St.	Olean	NY	14760	716-372-5048	http://danceartsolean.com/
Eades 24-7	502 N. Union St.	Olean	NY	14760	716-372-9444	https://www.eadefitness.com/
Elite Athletics	9111 Otto-E. Otto Rd	Otto	NY	14766	716-450-2151	https://www.eliteathleticsallstar.com/
Hometown Fitness	28 W. Main St.	Cuba	NY	14727	585-209-4041	https://cubahometownfitness.weebly.com/
Neighborhood School of Dance	609 S. Union St.	Olean	NY	14760	716-373-3330	http://nsdolean.com/
Randolph Brick Fitness	129 Main Street	Randolph	NY	14772		https://www.facebook.com/pg/randolphbrickfitness/about/?ref=page_internal

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Agency	Address	City	State	Zip	Phone Number	Website
Public Parks						
Allegany River Park	W. Union Street	Allegany	NY	14706	716-373-1540	http://www.allegany.org/index.php?River%20park
Allegany State Park	2373 ASP Route 1	Salamanca	NY	14779	716-354-9101	https://parks.ny.gov/parks/1/hunting.aspx
Boardman Park	N. Union Street	Olean	NY	14760		https://www.cityofolean.org/youth/parks.html
Ellicottville Village Park	11 Parkside Drive	Ellicottville	NY	14731		https://www.ellicottvillenyc.com/members/ellicottville-village-park/
Elmer's Dog Park	28 Parkside Drive	Ellicottville	NY	14731		https://www.bringfido.com/attraction/14346
Forness Park	740 Hoop Street	Olean	NY	14760		https://www.cityofolean.org/youth/parks.html
Francot Park	201R W. Green St.	Olean	NY	14760	716-376-5666	https://www.cityofolean.org/youth/parks.html
Franklin-Hysol Park	Franklin Ave.	Olean	NY	14760		https://www.cityofolean.org/youth/parks.html
Gargoyle Park	101 Gargoyle Road	Olean	NY	14760	716-376-5663	https://www.cityofolean.org/youth/parks.html
Griffis Sculpture Park	6902 Rohr Rd.	East Otto	NY	14729	716-667-2808	http://griffispark.org/griffis-sculpture-park/
Homer Street Park	Homer Street	Olean	NY	14760		https://www.cityofolean.org/youth/parks.html
Irving Park	Irving St. & S. 11th St.	Olean	NY	14760		https://www.cityofolean.org/youth/parks.html
King Street Park	King St. & Seneca St.	Olean	NY	14760		https://www.cityofolean.org/youth/parks.html
Lincoln Park	State St. & Union St.	Olean	NY	14760		https://www.cityofolean.org/youth/parks.html

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Agency	Address	City	State	Zip	Phone Number	Website
Little Rock City and McCarty Hill State Forest		Little Valley	NY	14741	716-372-0645	www.dec.ny.gov/lands/77184.html
Magnano Park	York St.	Olean	NY	14760		https://www.cityofolean.org/youth/parks.html
Marcus Park	N. 15th St. & Sullivan St.	Olean	NY	14760		https://www.cityofolean.org/youth/parks.html
Nannen Arboretum	28 Parkside Drive	Ellicottville	NY	14731	716-699-2100	https://enchantedmountains.com/place/nannen-arboretum
Oakhill Park	Washington and N. 4th St.	Olean	NY	14760	716-316-5698	https://www.cityofolean.org/youth/parks.html
Onoville Marina Park		Steamburg	NY	14783	716-354-2615	https://onoville.com/
Pfeiffer Nature Center	14 S. Main Street	Portville	NY	14770	716-933-0187	https://pfeiffernaturecenter.org/nature-blog/
Rock City Park	505 NY-16	Olean	NY	14760	716-372-7790	http://www.rockcitypark.com/
Town Hall Park	4th St. & Main St.	Allegany	NY	14706		http://www.allegany.org/index.php?River%20park
War Veterans Park	551 E. State Street	Olean	NY	14760		https://www.cityofolean.org/youth/parks.html
Recreation Centers						
Olean Recreation Center	551 E. State Street	Olean	NY	14760	716-373-7465	https://www.cityofolean.org/youth/facilities.html
Allegany Recreation Center	Maple Ave. & N. 4th Street	Allegany	NY	14706	716-307-2940	https://www.allegany.org/index.php?PROGRAMS
Allegany Community Center	3677 Administration Dr	Salamanca	NY	14779	716-945-8119	https://sni.org/departments/all-egany-community-center/
Shared Use Agreements						
Cattaraugus-Little Valley CSD	25 N. Franklin St.	Cattaraugus	NY	14719	716-257-3483	opens exercise facilities for public use
Olean City School District	410 W. Sullivan St.	Olean	NY	14760	716-375-8028	Opens gym for adults basketball

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Agency	Address	City	State	Zip	Phone Number	Website
Portville Central School	500 Elm Street	Portville	NY	14770	716-933-6000	opens exercise facilities for public use
Salamanca City School District	50 Iroquois Dr.	Salamanca	NY	14779	716-945-5140	Allows use of public use of pool
Town of Allegany	52 W. Main St.	Allegany	NY	14706	716-373-4522	afterschool program/adult basketball
Town of Coldspring	2604 Lebanon Rd	Steamburg	NY	14738	716-354-5752	Fire Company allows property to be use for tee-ball and little league baseball
Individual and Family Life-Mutual Support						
Gowanda Area Love in the Name of Christ	64 East Main Street	Gowanda	NY	14070	716-532-6130	http://www.gowandaloveinc.org/
Multiple Sclerosis Self Help Support Group		Ellicottville	NY	14731	Judy Brown 716-699-4618	https://www.nationalmssociety.org/
Parent Support Group of Cattaraugus-Randolph-Parent Network of WNY	26 Jamestown Street Randolph Public Library	Randolph	NY	14772	Jean Knapp, Family Peer Advocate 716-790-9277	https://parentnetworkwny.org/events
Post-Polio Survivors of the Southern Tier	986 Fairmount Avenue Alfie's Restaurant	Jamestown	NY	14701	716-358-3481	https://post-polio.org/
Zoar Valley Recovery and Treatment Center	49 South Water Street	Gowanda	NY	14070	Main Phone 716-532-2231 Central Intake 716-816-2218	http://www.omh.ny.gov/omhweb/facilities/bupc

Table 103 below is a listing of hospital resources available for residents to access regarding physical activity.

Table 103: Physical Activity: Olean General Hospital and Bradford Regional Medical Center Resources

Olean General Hospital Programs and Services	Address	City	State	Zip	Phone Number
Occupational Wellness Center					
Olean General Hospital	901 Wayne Street	Olean	NY	14760	(716) 375-7495
Bradford Regional Medical Center	116 Interstate Parkway	Bradford	PA	16701	(814) 368-4143
Orthopedic, Spine Surgery and Sports Medicine					
					(716) 701-1510
Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-6993
Rehabilitation					
Sub-acute Inpatient Rehabilitation Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-4126
Outpatient Rehabilitation Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-7485

Tobacco Use

Resources available in McKean County can be accessed through **United Way 211**. **Table 104** below is a listing of community resources (other than the hospital) available in Cattaraugus County for residents to access regarding tobacco use.

Table 104: Tobacco Use: Community Resources Listing for Cattaraugus County

Agency	Address	City	State	Zip	Phone Number	Website
Tobacco Use						
NYS Smokers Quitline					866-697-8487	nysmokefree.com
Tobacco-Free Western New York	Roswell Park Comprehensive Cancer Center	Buffalo	NY	14263	716-548-0555; 716-489-1114	Tobaccofreewny.com
Foothills Medical Group	515 Main St	Olean	NY	14760	716-701-1510	Myfmg.org
Olean Medical Group	535 Main St	Olean	NY	14760	716-372-0141	Oleanmedicalgroup.com
Universal Primary Care - Olean	135 N Union St	Olean	NY	14760	716-375-7500	www.upchealthy.net
Universal Primary Care - Salamanca	445 Broad St	Salamanca	NY	14779	716-375-7500	www.upchealthy.net
Roswell Park Cessation Services					1-877-500-2393	https://rpcs.roswellpark.org/Home
Cattaraugus County Health Department	1 Leo Moss Drive	Olean	NY	14760	716) 373-8050	https://www.cattco.org/health

Table 155 below is a listing of hospital resources available for residents to access regarding tobacco use.

Table 105: Tobacco Use: Olean General Hospital and Bradford Regional Medical Center Resources

Olean General Hospital Programs and Services	Address	City	State	Zip	Phone Number
Cardiopulmonary Department					
Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-6220
Bradford Regional Medical Center	116 Interstate Parkway	Bradford	PA	16701	(814) 362-8426

Cancer

Resources available in McKean County can be accessed through **United Way 211**. **Table 106** below is a listing of community resources (other than the hospital) available in Cattaraugus County for residents to access regarding cancer.

Table 106: Cancer: Community Resources Listing for Cattaraugus County

Agency	Address	City	State	Zip	Phone Number	Website
Cancer Services Program – Chautauqua, Cattaraugus and Allegany	24 Water St	Cuba	NY	14727	585-209-4010	https://chqgov.com/public-health/cancer-services-program
Foothills Medical Group	515 Main St	Olean	NY	14760	716-701-1510	Myfmg.org
Olean Medical Group	535 Main St	Olean	NY	14760	716-372-0141	Oleanmedicalgroup.com
Universal Primary Care - Olean	135 N Union St	Olean	NY	14760	716-375-7500	www.upchealthy.net
Universal Primary Care - Salamanca	445 Broad St	Salamanca	NY	14779	716-375-7500	www.upchealthy.net

Table 107 below is a listing of hospital resources available for residents to access regarding cancer.

Table 107: Cancer: Olean General Hospital/Bradford Regional Medical Center Resources

Olean General Hospital Programs and Services	Address	City	State	Zip	Phone Number
Cancer Center					
Medical Oncology and Hematology Barry Street Health Center	528 North Barry Street	Olean	NY	14760	(716) 543-3255
Bradford Regional Medical Center	116 Interstate Parkway	Bradford	PA	16701	(814) 362-8425

Heart Disease

Resources available in McKean County can be accessed through **United Way 211**. **Table 108** below is a listing of community resources (other than the hospital) available in Cattaraugus County for residents to access regarding heart disease.

Table 108: Heart Disease: Community Resources Listing for Cattaraugus County

Agency	Address	City	State	Zip	Phone Number	Website
Foothills Medical Group	515 Main St	Olean	NY	14760	716-701-1510	Myfmg.org
Olean Medical Group	535 Main St	Olean	NY	14760	716-372-0141	Oleanmedicalgroup.com
Universal Primary Care - Olean	135 N Union St	Olean	NY	14760	716-375-7500	www.upchealthy.net
Universal Primary Care - Salamanca	445 Broad St	Salamanca	NY	14779	716-375-7500	www.upchealthy.net

Table 109 below is a listing of hospital resources available for residents to access regarding heart disease.

Table 109: Heart Disease: Olean General Hospital and Bradford Regional Medical Center Resources

Olean General Hospital Programs and Services	Address	City	State	Zip	Phone Number
Cardiac Rehabilitation					
Ann Cheladyn Boser Cardiac Rehabilitation Center Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-6224
Bradford Regional Medical Center	116 Interstate Parkway	Bradford	PA	16701	(814) 362-8426
Cardiopulmonary Department					
Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-6220
The Heart Program					
The Chest Pain Center The Cardiac Clinic at Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-7035
Interventional Cardiac Catheterization Olean General Hospital	515 Main Street	Olean	NY	14760	Cardiac Clinic (716) 375-7035

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Olean General Hospital Programs and Services	Address	City	State	Zip	Phone Number
					Cardiac Cath Lab Scheduling (716) 375-6163 Admissions/Transfer Line (716) 375-6200

Chronic Lung and Respiratory Disease

Resources available in McKean County can be accessed through **United Way 211**. **Table 110** below is a listing of community resources (other than the hospital) available in Cattaraugus County for residents to access regarding CLRD.

Table 110: CLRD: Community Resources Listing for Cattaraugus County

Agency	Address	City	State	Zip	Phone Number	Website
Foothills Medical Group	515 Main St	Olean	NY	14760	716-701-1510	Myfmg.org
Olean Medical Group	535 Main St	Olean	NY	14760	716-372-0141	Oleanmedicalgroup.com
Universal Primary Care - Olean	135 N Union St	Olean	NY	14760	716-375-7500	www.upchealthy.net
Universal Primary Care - Salamanca	445 Broad St	Salamanca	NY	14779	716-375-7500	www.upchealthy.net

Table 111 below is a listing of hospital resources available for residents to access regarding CLRD.

Table 111: CLRD: Olean General Hospital/Bradford Regional Medical Center Resources

Olean General Hospital Programs and Services	Address	City	State	Zip	Phone Number
Cardiopulmonary Department					
Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-6220
Bradford Regional Medical Center	116 Interstate Parkway	Bradford	PA	16701	(814) 362-8426

Stroke

Resources available in McKean County can be accessed through **United Way 211**. **Table 112** below is a listing of community resources (other than the hospital) available in Cattaraugus County for residents to access regarding stroke.

Table 112: Stroke: Community Resources Listing for Cattaraugus County

Agency	Address	City	State	Zip	Phone Number	Website
Foothills Medical Group	515 Main St	Olean	NY	14760	716-701-1510	Myfmg.org
Olean Medical Group	535 Main St	Olean	NY	14760	716-372-0141	Oleanmedicalgroup.com
Universal Primary Care - Olean	135 N Union St	Olean	NY	14760	716-375-7500	www.upchealthy.net
Universal Primary Care - Salamanca	445 Broad St	Salamanca	NY	14779	716-375-7500	www.upchealthy.net

Table 113 below is a listing of hospital resources available for residents to access regarding stroke.

Table 113: Stroke: Olean General Hospital and Bradford Regional Medical Center Resources Listing

Olean General Hospital Programs and Services	Address	City	State	Zip	Phone Number
Emergency Department					
Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-6220
Bradford Regional Medical Center	116 Interstate Parkway	Bradford	PA	16701	(814) 362-8274

Prevention of Chronic Disease

Resources available in McKean County can be accessed through **United Way 211**. **Table 114** below is a listing of community resources (other than the hospital) available in Cattaraugus County for residents to access regarding prevention of chronic diseases.

Table 114: Prevention of Chronic Diseases: Community Resources Listing for Cattaraugus County

Agency	Address	City	State	Zip	Phone Number	Website
Health Care-General Medical Care						
Gowanda Urgent Care & Medical Center - TLC Health Network	34 Commercial Street	Gowanda	NY	14070	716-532-8100	http://www.tlchealth.org/
Foothills Medical Group	515 Main St	Olean	NY	14760	716-701-1510	Myfmg.org
Olean Medical Group	535 Main St	Olean	NY	14760	716-372-0141	Oleanmedicalgroup.com
Universal Primary Care - Olean	135 N Union St	Olean	NY	14760	716-375-7500	www.upchealthy.net
Universal Primary Care – Salamanca	445 Broad St	Salamanca	NY	14779	716-375-7500	www.upchealthy.net
Health Care-Health Screening/Diagnostic Services						
Community Clinic – Olean - Cattaraugus County Health Department	1 Leo Moss Dr, Suite 4010	Olean	NY	14760	716-701-3439	http://www.cattco.org/
Gowanda Urgent Care & Medical Center - TLC Health Network	34 Commercial Street	Gowanda	NY	14070	716-532-8100	http://www.tlchealth.org/
Foothills Medical Group	515 Main St	Olean	NY	14760	716-701-1510	Myfmg.org
Olean Medical Group	535 Main St	Olean	NY	14760	716-372-0141	Oleanmedicalgroup.com

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Agency	Address	City	State	Zip	Phone Number	Website
Universal Primary Care - Olean	135 N Union St	Olean	NY	14760	716-375-7500	www.upchealthy.net
Universal Primary Care - Salamanca	445 Broad St	Salamanca	NY	14779	716-375-7500	www.upchealthy.net
Health Care-Rehabilitation/Habilitation Services						
Continuing Day Treatment-Rehabilitation Center/In Tandem	3799 South Nine Mile Road	Allegany	NY	14706	716-701-1135	http://www.rehabcenter.org/
Lifeskills- Rehabilitation Center/In Tandem	3799 South Nine Mile Road	Allegany	NY	14706	716-701-1135	http://www.rehabcenter.org/
Health Care-Specialized Treatment and Prevention						
Total Senior Care	519 N Union St	Olean	NY	14760	716- 379-8474	www.totalseniorcare.org
HomeCare & Hospice Little Valley Site	1225 W State St	Olean	NY	14760	716- 372-5735	http://www.homecare-hospice.org/
Health Care-Specialty Medicine						
Gowanda Urgent Care & Medical Center - TLC Health Network	34 Commercial Street	Gowanda	NY	14070	716-532-8100	http://www.tlchealth.org/
Tobacco Use						
New York State Smokers Quitline					866-697-8487	nysmokefree.com
Tobacco-Free Western New York	Roswell Park Comprehensive Cancer Center	Buffalo	NY	14263		Tobaccofreewny.com
Dental Services						
John C. Gengo, DDS	120 N 2 nd St	Olean	NY	14760	716-372-8970	https://johncgengodds.com/
Family Dental Wellness	2108 W State St	Olean	NY	14760	716-373-1210	myfamilydentalwellness.com
Aspen Dental	3018 NY Route 417	Olean	NY	14760	716-379-6279	aspental.com
Portville Dental	149 S Main St	Portville	NY	14770	716-933-6787	portvilledental.com
Valley View Dental	3065 Buffalo Rd	Allegany	NY	14706	716-372-8400	vv-dental.com

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Agency	Address	City	State	Zip	Phone Number	Website
J G Stein, General Dentistry	1715 W State St	Olean	NY	14760	716-351-3566	https://www.jgsteindentistry.com/
Barkley B. Daugherty, Jr. DMD	2210 W State St	Olean	NY	14760	716-372-4722	https://www.daughertydental.com/
Orthodontists Associates of WNY	2660 Rt 16 N	Olean	NY	14760	716-379-3107	https://www.orthowny.com/
Ellicottville Dental Group	6133 Rt 219 S, Suite 1003	Ellicottville	NY	14731	716-699-2354	ellicottvilledental.com
Oromaxillofacial Surgery	2206 W State St	Olean	NY	14760	716-372-9044	oralsurgeryofwny.com

Table 115 below is a listing of hospital resources available for residents to access regarding prevention of chronic diseases.

Table 115: Prevention of Chronic Diseases: Olean General Hospital and Bradford Regional Medical Center Resources

Olean General Hospital Programs and Services	Address	City	State	Zip	Phone Number
Cancer Center					
Medical Oncology and Hematology Barry Street Health Center	528 North Barry Street	Olean	NY	14760	(716) 543-3255
Community Outreach					
Friends and Family CPR Training Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-6217
Bradford Regional Medical Center	116 Interstate Parkway	Bradford	PA	16701	(814) 362-8288
Cardiac Rehabilitation					
Ann Cheladyn Boser Cardiac Rehabilitation Center Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-6224
Upbeat Program Bradford Regional Medical Center	116 Interstate Parkway	Bradford	PA	16701	(814) 362-8426
Cardiopulmonary Department					

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Olean General Hospital Programs and Services	Address	City	State	Zip	Phone Number
Olean General Hospital Dental Services	515 Main Street	Olean	NY	14760	(716) 375-6220
Delevan Dental Center Delevan Plaza	38 North Main Street	Delevan	NY	14042	(716) 707-7042
Gundlah Dental Center Diabetes Education	623 Main Street	Olean	NY	14760	(716) 375-7300
Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-4127
Bradford Regional Medical Center Diagnostic Imaging	116 Interstate Parkway	Bradford	PA	16701	(814) 362-8717
Olean General Hospital	515 Main Street	Olean	NY	14760	Central scheduling (716) 375-6400 Radiology (716) 375-6254
Dialysis Marie Lorenz Dialysis Center	623 Main Street	Olean	NY	14760	(716) 375-6901
Digestive Disease Center Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 373-2600
Emergency Medicine Emergency Department Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-6275
Emergency Department Bradford Regional Medical Center	116 Interstate Parkway	Bradford	PA	16701	(814) 362-8274
Chest Pain Center The Cardiac Clinic @ Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-7035
	515 Main Street	Olean	NY	14760	(716) 373-2600

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Olean General Hospital Programs and Services	Address	City	State	Zip	Phone Number
SAFE (Sexual Assault Forensic Examiner) Center Olean General Hospital					
The Heart Program					
Chest Pain Center The Cardiac Clinic @ Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-7035
Interventional Cardiac Catheterization Olean General Hospital	515 Main Street	Olean	NY	14760	Cardiac Clinic (716) 375-7035 Cardiac Cath Lab Scheduling (716) 375-6163 Admissions/Transfer Line (716) 375-6200
Holiday Park Health Center					
Holiday Park Health Center	2666 West State Street	Olean	NY	14760	(716) 701-1700
Hyperbaric Oxygen Therapy					
Center for Wound Healing and Hyperbaric Medicine	623 Main Street	Olean	NY	14760	(716) 375-7577
Intensive Care Unit					
Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-6200
Laboratory Services					
OGH Main Laboratory Located within OGH on the 1st floor	515 Main Street	Olean	NY	14760	(716) 375-6046
OGH Laboratory West-End Located within the Medical Arts Building	2223 West State Street Suite 105	Olean	NY	14760	(716) 372-2678
Laboratory Service Center	403 North 8th Street	Olean	NY	14760	(716) 375-7039
Salamanca Health Center Southern Tier West Center for Regional Excellence	4039 Route 219	Salamanca	NY	14779	(716) 945-0989
Patient Service Center Franklinville	86 South Main Street	Franklinville	NY	14737	(716) 676-5080

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Olean General Hospital Programs and Services	Address	City	State	Zip	Phone Number
Delevan Health and Dental Center	38 North Main Street	Delevan	NY	14042	(716) 707-7049
Patient Service Center Cuba Memorial Hospital	140 West Main Street	Cuba	NY	14727	(585) 209-4318
Neurology					
Mildred Milliman Outpatient Surgery Center	500 Main Street	Olean	NY	14760	(716) 375-6993
Nutrition					
Olean General Hospital Outpatient Surgery Center	515 Main Street	Olean	NY	14760	(716) 375-6297
Mildred Milliman Outpatient Surgery Center	500 Main Street	Olean	NY	14760	(716) 375-7433
Pediatrics					
Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 373-2600
Bradford Regional Medical Center	116 Interstate Parkway	Bradford	PA	16701	
Salamanca Health Center					
Salamanca Health Center	4039 Route 219 Suite 101	Salamanca	NY	14779	For More Information or to Schedule an Appointment: (716) 945-0361 For Laboratory or X-Ray, Please Call: (716) 945-0989
Sleep Disorders Center					
Olean General Hospital	500 Main Street	Olean	NY	14760	(716) 701-1541
Sleep Disorders Center Bradford Regional Medical Center	116 Interstate Parkway	Bradford	PA	16701	(814) 362-8732
Surgical Services					
Olean General Hospital	515 Main Street	Olean	NY	14760	For Questions About an Upcoming Surgery, Call the OGH Patient Educator: (716) 375-6134

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Olean General Hospital Programs and Services	Address	City	State	Zip	Phone Number
Vascular Surgery					
Buffalo Endovascular and Vascular Surgical Associates sees patients at Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-7035
Wound Care					
Center for Wound Healing and Hyperbaric Medicine	623 Main Street	Olean	NY	14760	(716) 375-7577
Wound Clinic Bradford Regional Medical Center	116 Interstate Parkway	Bradford	PA	16701	(814) 362-8245

Behavioral Health

Resources available in McKean County can be accessed through **United Way 211**. **Table 116** below is a listing of community resources (other than the hospital) available in Cattaraugus County for residents to access regarding promoting well-being and preventing mental health and substance use disorders.

Table 116: Promote Well-Being and Prevent Mental Health and Substance Use Disorders: Community Resources Listing for Cattaraugus County

Agency	Address	City	St	Zip	Phone Number	Website
Clinic Services						
Allegany Council on Alcoholism	140 W. Main Street	Cuba	NY	14727	(585) 968-1482	http://www.alleganycouncil.org/
The Chautauqua Center	319 Central Avenue	Dunkirk	NY	14048	(716) 363-6050	https://www.thechautauquacenter.org/
Chautauqua County Chemical Dependency Clinic	73 Forest Avenue	Jamestown	NY	14701	(716) 483-6996	https://chqgov.com/mental-hygiene

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Agency	Address	City	St	Zip	Phone Number	Website
Council on Alcohol and Substance Abuse (CASA) - Trinity	201 South Union Street	Olean	NY	14760	(716) 373-4303	http://councilonaddiction.org/
Counseling Services						
Lake Shore Behavioral Health, Inc. - Abbot Corners Addiction Services OP1	2107 Spruce Street	North Collins	NY	14111	(716) 822-7117, ext. 232	https://www.addiction-programs.net/directory/listing/lakeshore-behavioral-health-center-abbott-corners-addictions-services-op1?tab=related&sort=title&category=0&zoom=15&is_mile=1&directory_radius=50&view=list#sabai-inline-content-related
Lake Shore Behavioral Health, Inc. – Abbott Corners Addition Services OP1	3176 Abbott Road, Suite 500	Orchard Park	NY	14127	(716) 822-2117	https://www.addiction-programs.net/directory/listing/lakeshore-behavioral-health-center-abbott-corners-addictions-services-op1?tab=related&sort=title&category=0&zoom=15&is_mile=1&directory_radius=50&view=list#sabai-inline-content-related
Chautauqua County Chemical Dependency Clinic	73 Forest Avenue	Jamestown	NY	14701	(716) 483-6996	https://chqgov.com/mental-hygiene
Council on Alcohol and Substance Abuse (CASA) - Trinity	201 South Union Street	Olean	NY	14760	(716) 373-4303	http://councilonaddiction.org/
Cattaraugus County Community Services	1 Leo Moss Dr	Olean	NY	14760	716-373-8040	www.cattco.org/community-services
PROS Cattaraugus (Personalized Recovery Oriented Services)	203 Laurens St	Olean	NY	14760	(716)-373-8080	www.cattco.org/community-services/personalized-recovery-oriented-services

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Agency	Address	City	St	Zip	Phone Number	Website
PROS Dunkirk (Personalized Recovery Oriented Services)	51 East Third Street	Dunkirk	NY	14701	(716) 366-7660	www.cattco.org/community-services/personalized-recovery-oriented-services
PROS Jamestown (Personalized Recovery Oriented Services)	800 East Second Street	Jamestown	NY	14701	(716) 661-1510	www.cattco.org/community-services/personalized-recovery-oriented-services
The Resource Center	200 Dunham Avenue	Jamestown	NY	14701	(716) 483-2344	http://resourcecenter.org/
Save the Michaels of the World, Inc. – Peer Recovery Coaches	P. O. Box 55	Buffalo	NY	14207	(716) 984-8375	https://savethemichaels.org/
Seneca Strong – Peer Recovery Coaches	983 R C Hoag Drive	Salamanca	NY	14779	(716) 945-8413	https://www.senecahealth.org/seneca-strong
Drop Box Services						
Drug Drop Box Franklinville Police Department	101 N. Main Street	Franklinville	NY	14737		http://www.recoveryincattco.org/safe-medication-disposal.html
Drug Drop Box Gowanda Police Department	27 E. Main Street	Gowanda	NY	14070		http://www.recoveryincattco.org/safe-medication-disposal.html
Drug Drop Box Cattaraugus County Building	303 Court Street	Little Valley	NY	14755		http://www.recoveryincattco.org/safe-medication-disposal.html
Drug Drop Box Olean City Building	101 East State Street	Olean	NY	14760		http://www.recoveryincattco.org/safe-medication-disposal.html
Drug Drop Box Cattaraugus County Building	1 Leo Moss Drive, Suite 4010	Olean	NY	14760		http://www.recoveryincattco.org/safe-medication-disposal.html

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Agency	Address	City	St	Zip	Phone Number	Website
Drug Drop Box Salamanca Police Department	1 Barrett Drive	Salamanca	NY	14779		http://www.recoveryincattco.org/safe-medication-disposal.html
Hotline Services						
A AAA 1 Abuse & Addiction Helpline	708 Foote Avenue, Suite 114	Jamestown	NY	14701	(716) 980-1418	n/a
Crisis Hotline 8:00am-5:00pm M/W/TH/F 10:00am-7:00pm T	201 South Union Street	Olean	NY	14760	1-866-851- 5033	n/a
Crisis Hotline After Hours (24 hours a day)	515 Main Street	Olean	NY	14760	1-800-339- 5209	n/a
Save the Michaels of the World, Inc. Placement Services	P. O. Box 55	Buffalo	NY	14207	(716) 984-8375	https://savethemichaels.org/
Individual and Family Life-Individual and Family Support Services						
Bona Buddies - St Bonaventure University Ministries	McGinley-Carney Center for Franciscan Ministry St. Bonaventure University	Saint Bonaventure	NY	14778	716-375-7813	http://www.sbu.edu/campus-life
Center for Positive Solutions - Yorkshire Pioneer CSD	Pioneer Senior High School 12125 County Line Road	Yorkshire	NY	14173	Social Worker 716-492-9485 Main Phone 716-492-9300	http://www.pioneerschools.org/

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Agency	Address	City	St	Zip	Phone Number	Website
DayBreak in Gowanda	1 School Street	Gowanda	NY	14070	866-939-8613	http://www.totalseniorcare.org/
Franklinville Site - Catholic Charities of Buffalo	86 South Main Street	Franklinville	NY	14737	716-372-0101	http://www.ccwny.org/
Free Methodist Church of South Dayton	327 Pine Street	South Dayton	NY	14138	716-988-3232	http://www.211wny.org/provider/631/
Housing Options Made Easy Inc	75 Jamestown Street	Gowanda	NY	14070	Toll Free 800-421-1114 (877) IAMHERE Friendship Line 877-426-4373 Main Phone 716-532-5508	http://www.housingoptions.org/
Life Connections- Rehabilitation Center	3799 South Nine Mile Road	Allegany	NY	14706	716-701-1135	http://www.rehabcenter.org/
Little Valley Holiday Cheer	618 Erie Street	Little Valley	NY	14755	716-938-6332	https://www.facebook.com/profile.php?id=100064414850819
Medicaid Service Coordination - Rehabilitation Center	3799 South Nine Mile Road	Allegany	NY	14706	716-701-1135	http://www.rehabcenter.org/
Mental Health Services - Rehabilitation Center	3799 South Nine Mile Road	Allegany	NY	14706	716-701-1135	http://www.rehabcenter.org/
New Directions Youth & Family Services Foster Care - Randolph	356 Main Street ER	Randolph	NY	14772	Intake 716-358-3636 x232 Intake 716-358-3636 x202	https://fosteringgood.org/

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Agency	Address	City	St	Zip	Phone Number	Website
North County Counseling Center	9824 Route 16 Stone House, 3rd Floor	Machias	NY	14101	Main Phone 716-353-8241 Intake 716-701-3335	http://www.cattco.org/community-services
Randolph Community Cupboard	28 Jamestown Street Randolph Historical Building	Randolph	NY	14772	Main Phone 716-358-4848 Alternative Number 716-358-6811	https://www.211wny.org/provider/747/
TRZ Cardinal Care After School Program	22 Main Street	Randolph	NY	14772	716-922-4059	http://www.thereliefzone.org/
Westons Mills Agency Operated Boarding Home - NDYFS	1359 Olean-Portville Road	Westons Mills	NY	14788	716-372-1175	https://fosteringgood.org/
Zoar Valley Recovery and Treatment Center	49 South Water Street	Gowanda	NY	14070	Main Phone 716-532-2231 Central Intake 716-816-2218	http://www.omh.ny.gov/omhweb/facilities/bupc
Inpatient Services						
Bradford Regional Medical Center – Recovery Systems (need to have dual diagnosis)	116 Interstate Parkway	Bradford	PA	16701	1-800-466-2583 (814) 362-8319	https://www.brmc.com/programs-services/behavioral-health-services-bradford-pa.php
Horizon Village Terrace House (Detox and Inpatient Services)	291 Elm Street	Buffalo	NY	14203	(716) 854-2444	https://www.horizon-health.org/services/detox/
TLC Health at Lake Shore Health Care Center – Inpatient Chemical Dependency Treatment Program	845 Route 5 & 20	Irving	NY	14081	(716) 951-7948	http://tlchealth.org/

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Agency	Address	City	St	Zip	Phone Number	Website
UPMC Chautauqua (WCA Hospital) – Inpatient Chemical Dependency Program	207 Foote Avenue	Jamestown	NY	14701	(716) 664-8620	https://www.wcahospital.org/services/mental-health-and-chemical-dependency-programs.html
Mental Health and Substance Use Disorder Services-Counseling Approaches						
Free Methodist Church of South Dayton	327 Pine Street	South Dayton	NY	14138	716-988-3232	http://www.211wny.org/provider/631/
St. Paul's Lutheran Church	6360 Route 242 East	Ellicottville	NY	14731	716-699-4106	http://www.stpaulsellicottville.com/
Mental Health and Substance Use Disorder Services-Counseling Settings						
Franklinville Site - Catholic Charities of Buffalo	86 South Main Street	Franklinville	NY	14737	716-372-0101	http://www.ccwny.org/
Free Methodist Church of South Dayton	327 Pine Street	South Dayton	NY	14138	716-988-3232	http://www.211wny.org/provider/631/
Machias Outpatient Clinic-Council on Addiction Recovery Services	9824 Route 16	Machias	NY	14101	716-353-8018	http://www.councilonaddiction.org/
North County Counseling Center	9824 Route 16	Machias	NY	14101	716-701-3335	http://www.cattco.org/community-services
Narcan Training Services						
Southern Tier Overdose Prevention Program (STOPP)	150 North Union Street	Olean	NY	14760	(716) 372-0614	http://www.sthcs.org/stopp.html
CVS Pharmacy Dispense Naloxone with Standing Order	415 North Union Street	Olean	NY	14760	(716) 372-5889	https://www.cvs.com/store-locator/cvs-pharmacy-address/415+North+Union+Street-Olean-NY-14760/storeid=539
Rite Aid Pharmacy	81 West Main Street	Gowanda	NY	14070	(716) 532-4114	https://locations.riteaid.com/locations/ny/gowanda/81-west-main-street.html

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Agency	Address	City	St	Zip	Phone Number	Website
Dispense Naloxone with Standing Order						
Rite Aid Pharmacy Dispense Naloxone with Standing Order	265 North Union Street	Olean	NY	14760	(716) 373-2716	https://locations.riteaid.com/locations/ny/olean/265-north-union-street.html
Rite Aid Pharmacy Dispense Naloxone with Standing Order	9 Broad Street	Salamanca	NY	14779	(716) 945-1095	https://locations.riteaid.com/locations/ny/salamanca/9-broad-street.html
Rite Aid Pharmacy Dispense Naloxone with Standing Order	12208 State Route 16	Yorkshire	NY	14173	(716) 492-2511	https://locations.riteaid.com/locations/ny/yorkshire/12208-route-16.html
Outpatient Services						
Allegany Council on Alcoholism and Substance Abuse Outpatient	2956 Airway Road	Wellsville	NY	14859	(585) 593-1920, ext. 722	http://www.alleganycouncil.org/
Behavioral Health Therapy – Universal Primary Care	135 N. Union Street	Olean	NY	14760	(716) 375-7500	https://www.upchealth.net/behavioral-health-counseling
Chautauqua County Alcohol and Substance Abuse Services OP	501 West Third Street	Jamestown	NY	14701	(716) 664-3608	https://www.casacweb.org/
Chautauqua County Alcohol and Substance Abuse Services OP1	324 Central Avenue	Dunkirk	NY	14048	(716) 366-4623	https://www.casacweb.org/
Council on Alcohol and Substance Abuse (CASA) - Trinity Outpatient	1 School Street	Gowanda	NY	14070	(716) 373-4303, ext. 509	http://councilonaddiction.org/
Council on Alcohol and Substance Abuse (CASA) - Trinity Outpatient	9824 Route 16	Machias	NY	14101	(716) 373-4303, ext. 509	http://councilonaddiction.org/

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Agency	Address	City	St	Zip	Phone Number	Website
Council on Alcohol and Substance Abuse (CASA) - Trinity Outpatient	201 South Union Street	Olean	NY	14760	(716) 373-4303, ext. 509	http://councilonaddiction.org/
Council on Alcohol and Substance Abuse (CASA) - Trinity Outpatient	100 Main Street	Salamanca	NY	14779	(716) 373-4303, ext. 509	http://councilonaddiction.org/
Council on Alcohol and Substance Abuse (CASA) - Trinity Outpatient	356 Main Street	Randolph	NY	14772	(716) 373-4303, ext. 509	http://councilonaddiction.org/
Family Health Medical Services	320 Prather Avenue	Jamestown	NY	14701	(716) 338-0022	http://fhms.lbcbuffalo.com/
Horizon Boulevard Addiction Outpatient	1370 Niagara Falls Boulevard	Tonawanda	NY	14150	(716) 833-3708	https://www.horizon-health.org/about/overview/
Horizon Union Losson Addiction Outpatient	2563 Union Road, Suite 800	Cheektowaga	NY	14227	(716) 668-7622	https://www.horizon-health.org/about/overview/
Seneca Strong	983 R C Hoag Drive	Salamanca	NY	14779	(716) 945-8413	https://www.senecahealth.org/seneca-strong
Spectrum Human Services South Town Counseling Center Outpatient	27 Franklin Street	Springville	NY	14141	(716) 662-2040	https://shswny.org/
Spectrum Human Services Wyoming Outpatient	34 N. Main Street	Warsaw	NY	14569	(716) 662-2040	https://shswny.org/
TLC Health Network – Gowanda Urgent Care and Medical Center	34 Commercial Street	Gowanda	NY	14070	(716) 532-8100	http://tlchealth.org/
TLC Health Network – Cassadaga Chemical Dependency Clinic	33 North Main Street	Cassadaga	NY	14718	(716) 595-3355	http://tlchealth.org/

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Agency	Address	City	St	Zip	Phone Number	Website
TLC Health Network – Derby Chemical Dependency Clinic	7020 Erie Road	Derby	NY	14047	(716) 947-0316	http://tlchealth.org/
UPMC Chautauqua (WCA Hospital) – Jamestown Outpatient	51 Glasgow Avenue	Jamestown	NY	14701	(716) 664-8620	https://www.wcahospital.org/services/mental-health-and-chemical-dependency-programs.html
UPMC Chautauqua (WCA Hospital) – Dunkirk Outpatient	338 Central Avenue	Dunkirk	NY	14048	(716) 363-0018	https://www.wcahospital.org/services/mental-health-and-chemical-dependency-programs.html
Police Assisted Addiction Recovery Initiative (PAARI) Services						
Police Assisted Addiction Recovery Initiative (PARRI)	27 East Main Street	Gowanda	NY	14070	(716) 532-2020	https://villageofgowanda.com/police-department/
Recovery Services						
Alcohol and Drug Abuse Services – Port Allegany	120 Chestnut Street	Port Allegany	PA	16743	(814) 642-9541	http://www.adasonline.org
Alcohol and Drug Abuse Services – Residential Short-Term	118 Chestnut Street	Port Allegany	PA	16743	(814) 642-9522	http://www.adasonline.org
Alcohol and Drug Abuse Services, Inc.	2 Main Street, Suite 605	Bradford	PA	16701	(814) 362-6517	http://www.adasonline.org
Alcohol and Drug Abuse Services, Inc.	9 Field Street	Kane	PA	16735	(814) 837-7691	http://www.adasonline.org
Council on Alcohol and Substance Abuse (CASA) - Trinity – Community Residential	1351 Olean Portville Road	Weston Mills	NY	14788	(716) 373-0057, ext. 205	http://councilonaddiction.org/
Horizon Health Services - Delta Village Treatment Center (ages 18-28 years old)	6301 Inducon Drive	E. Sanborn	NY	14132	(716) 731-2030	https://www.horizon-health.org/services/residential-treatment/horizon-village/

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Agency	Address	City	St	Zip	Phone Number	Website
Horizon Health Services - Freedom Village (Veterans)	6301 Inducon Drive	E. Sanborn	NY	14132	(716) 731-2030	https://www.horizon-health.org/services/residential-treatment/horizon-village/
Horizon Health Services – Horizon Village (Adults)	6301 Inducon Drive	E. Sanborn	NY	14132	(716) 731-2030	https://www.horizon-health.org/services/residential-treatment/horizon-village/
Kids Escaping Drugs (Renaissance Addiction Services RRSY)	920 Harlem Road	Buffalo	NY	14224	(716) 827-9462	https://ked.org/
Oxford House Bishop One for Men	121 N. 10 th Street	Olean	NY	14760	(716) 801-1242	https://www.transitionalhousing.org/li/ny_14760_oxford-house-bishop-one
Margaret A. Stutzman Addiction Center	360 Forest Avenue	Buffalo	NY	14213	(716) 882-4900	https://www.oasas.ny.gov/atc/stutzman/services.cfm
Trapping Brook (Supportive Living)	3084 Trapping Brook Road	Wellsville	NY	14895	(585) 593-1920, ext. 701	https://www.rehab.com/acasa-trapping-brook-house/6496051-r
Turning Point House – Cazenovia Recovery (Intensive Residential)	9136 Sandrock Road	Eden	NY	14057	(716) 992-4972	https://www.cazenoviarecovery.org/program/turning-point-house/
Respite House Services						
Eagle’s Nest		Jamestown	NY		House 844-421-1114 Warmline 877-426-4373 Text Warmline 716-392-0252	http://www.wnyhousingoptions.org/OurServices/RespiteServices/tabid/430/Default.aspx
Support Group Services						
Addiction Response Ministry (Faith-Based Service)	1006 W. Third Street	Jamestown	NY	14701	(716) 222-0299	https://www.addictionresponseministry.com/
Al-Anon/Alateen	511 E. Second Street	Jamestown	NY	14701	(716) 484-1544	https://www.nyconnects.ny.gov/providers/al-anon-alateen-sofa-ag-381472

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Agency	Address	City	St	Zip	Phone Number	Website
Council on Alcohol and Substance Abuse (CASA) – Trinity Olean	201 South Union Street	Olean	NY	14760	(716) 373-4303	http://councilonaddiction.org/
Chautauqua Area Service Committee of Narco (CASCNA)	103 Hunter Street P. O. Box 2026	Jamestown	NY	14701	(716) 488-2281	https://nyconnects.ny.gov/providers/cascna-chautauqua-area-service-committee-of-narco-sofa-ag-381490
Council on Alcohol and Substance Abuse (CASA) – Trinity Supportive Living	201 South Union Street	Olean	NY	14760	(716) 373-4303, ext. 509	http://councilonaddiction.org/
Seneca Strong Ongoing Support Outreach Program	983 R C Hoag Drive	Salamanca	NY	14779	(716) 945-8413	https://www.senecahealth.org/seneca-strong
Substance Abuse Intervention (Faith-Based Service with Pastor Steven) Tuesdays 5:30pm-6:45pm	201 S. Union Street	Olean	NY	14760	(716) 307-7926	http://councilonaddiction.org/
Substance Abuse Intervention (Faith-Based Service at The Pentecostals of Olean) Wednesdays 5:45pm-7:00pm	1100 Homer Street	Olean	NY	14760	(716) 373-7456	http://councilonaddiction.org/

Table 117 below is a listing of hospital resources available for residents to access regarding promoting well-being and preventing mental health and substance use disorders.

Table 117: Promote Well-Being and Prevent Mental Health and Substance Use Disorders: Olean General Hospital and Bradford Regional Medical Center Resources

Olean General Hospital Programs and Services	Address	City	State	Zip	Phone Number
Behavioral Health Services					
Olean General Hospital – Behavioral Health	515 Main Street	Olean	NY	14760	(716) 373-2600
Bradford Regional Medical Center Behavioral Health Services	116 Interstate Parkway	Bradford	PA	16701	(814) 362-8319

Safe and Healthy Environment

Resources available in McKean County can be accessed through **United Way 211**. **Table 118** below is a listing of community resources (other than the hospital) available in Cattaraugus County for residents to access regarding promoting a health and safe environment.

Table 118: Promote a Healthy and Safe Environment: Community Resources Listing for Cattaraugus County

Agency	Address	City	State	Zip	Phone Number	Website
Basic Needs-Housing/Shelter						
Saving Grace Outreach	11 Washington Street	Cattaraugus	NY	14719	716-257-3077	www.savinggraceoutreach.org
Christmas in April-Olean, Inc., Allegany	95 East Main Street	Allegany	NY	14706	716-373-1330 x16	https://www.shelterlistings.org/details/24866
Trading Post South	11 Washington Street	Cattaraugus	NY	14719	716-257-3077	www.savinggraceoutreach.org
Underwood Manor	4460 Union Hill Road	Hinsdale	NY	14743	716-557-2322	https://www.seniorly.com/assisted-living/new-york/hinsdale/underwood-manor

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Agency	Address	City	State	Zip	Phone Number	Website
USDA Rural Development	8 Martha Street	Ellicottville	NY	14731	716-699-2375 x4	http://www.rurdev.usda.gov
Criminal Justice and Legal Services-Courts						
Cattaraugus County-Supreme Court	303 Court Street	Little Valley	NY	14755	716-938-9111 x2378	http://www.nycourts.gov
Youth Court-Cattaraugus Youth Bureau	207 Rock City Street Suite 200	Little Valley	NY	14755	716-938-2617	https://www.cattco.org/youth/programs/youth-court
Criminal Justice and Legal Services-Law Enforcement Agencies						
Allegany Village-Police Department	106 East Main Street	Allegany	NY	14706	716-938-9191	http://www.allegany.org/
Cattaraugus County - Sheriff's Office	301 Court Street	Little Valley	NY	14755	716-938-9191	http://www.cattco.org/sheriff-s-office
Franklinville Village - Police Department	101 North Main Street	Franklinville	NY	14737	716-676-5697	http://www.franklinvillenyny.org/
Gowanda Village - Police Department	27 East Main Street	Gowanda	NY	14070	716-532-2020	http://www.villageofgowanda.com
New York State - Police - Ellicottville Station	1 West Washington Street	Ellicottville	NY	14731	585-344-6200	http://www.troopers.ny.gov/
New York State - Police - Machias Station	9761 Route 16	Machias	NY	14101	585-344-6200	http://www.troopers.ny.gov/
Portville Village - Police Department	1 South Main Street	Portville	NY	14770	716-933-8773	https://www.portvilleny.net/village-government.html
Criminal Justice and Legal Services-Law Enforcement Services						
Southern Tier AmeriCorps Resource Team	200 Erie Street	Little Valley	NY	14755	716-938-2624	https://www.cattco.org/youth/programs/start
Criminal Justice and Legal Services-Legal Services						
Cattaraugus County-Bar Association		Ellicottville	NY	14731	716-584-1254	http://www.cattarauguscountybarrassociation.com/
Environment and Public Health/Safety-Public Safety						
Southern Tier Child Advocacy Center	772 Main St	Olean	NY	14760	716-372-8532	http://www.211wny.org/provider/1002/
Healthy Community Alliance, Inc.	1 School Street Suite 100	Gowanda	NY	14070	716-532-1010	http://www.communityalliance.org

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Agency	Address	City	State	Zip	Phone Number	Website
Saving Grace Outreach	11 Washington Street	Cattaraugus	NY	14719	716-257-3077	www.savinggraceoutreach.org
Trading Post South	11 Washington Street	Cattaraugus	NY	14719	716-257-3077	www.savinggraceoutreach.org

Maternal, Infant and Children’s Health

Resources available in McKean County can be accessed through **United Way 211**. **Table 119** below is a listing of community resources available in Cattaraugus County for residents to access regarding promoting healthy women, infants and children.

Table 119: Healthy Women, Infants and Children: Community Resources Listing for Cattaraugus County

	Address	City	State	Zip	Phone Number	Website
Education-Educational Institutions/Schools						
Allegany-Limestone School District	3131 Five Mile Rd	Allegany	NY	14706	716-375-6000	http://www.alli.wnyric.org/
Cattaraugus-Allegany BOCES	1825 Westfall Rd	Olean	NY	14760	716-376-8255	https://caboces.org/
Cattaraugus - Little Valley Central School District	25 North Franklin St.	Cattaraugus	NY	14719	716-257-3483	http://www.cattlv.wnyric.org
Ellicottville Central School	5873 Route 219 South	Ellicottville	NY	14731	716-699-2368	http://www.ellicottvillecentral.com
Franklinville Central School	31 North Main St.	Franklinville	NY	14737	716-676-8000	www.tbafcs.org
Gowanda Central School District	10674 Prospect St.	Gowanda	NY	14070	716-532-3325	www.gowcsd.org
Hinsdale Central School	3701 Main St.	Hinsdale	NY	14743	716-557-2227	http://www.hinsdalebobcats.org
Olean City School District	410 W. Sullivan St.	Olean	NY	14760	716-375-8010	https://www.oleanschools.org/

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	Address	City	State	Zip	Phone Number	Website
Pine Valley Central School	7755 NY Route 83	South Dayton	NY	14138	716-988-3291	http://www.pval.org/
Portville Central School District	500 Elm St.	Portville	NY	14770	High School 716-933-6005 Elementary School 716-933-6045	http://www.portvillewnyric.org/
Randolph Academy	336 Main St.	Randolph	NY	14772	716-358-6866	http://randolphacademy.org/
Randolph Central School District	18 Main St.	Randolph	NY	14772	716-358-6161	http://www.randolphcsd.org/
Salamanca City School District	50 Iroquois Dr.	Salamanca	NY	14779	716-945-2400	https://www.salamancany.org/Domain/1
West Valley Central School	5359 School St.	West Valley	NY	14171	716-942-3100	https://www.wvalley.wnyric.org/
Yorkshire- Pioneer Central Schools	12125 County Line Rd.	Yorkshire	NY	14173	716-492-9300	http://www.pioneerschools.org/
Education-Educational Programs						
Adult Services – Cattaraugus Allegany BOCES	1825 Windfall Rd.	Olean	NY	14760	716-376-8293	http://caboces.org/education/workforce-development-community-learning/
4-H Youth Development - CCE Cattaraugus County	28 Parkside Dr.	Ellicottville	NY	14731	716-699-2377	http://cattaraugus.cce.cornell.edu/
Cornell Cooperative Extension - Cattaraugus County	28 Parkside Dr.	Ellicottville	NY	14731	716-699-2377	http://cattaraugus.cce.cornell.edu/
Randolph Residential Program - NDYFS	356 Main Street	East Randolph	NY	14772	716-358-3636	https://fosteringgood.org/
Education-Educational Support Services						
Allegany-Limestone Committee on Preschool Education	3131 Five Mile Rd.	Allegany	NY	14760	716-375-6600 ext. 4160	https://www.alcsny.org/Page/3241
Cattaraugus County Preschool Program	200 Erie Street	Little Valley	NY	14755	716-938-2618	https://www.cattco.org/youth/overview

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	Address	City	State	Zip	Phone Number	Website
Cattaraugus-Little Valley Committee on Preschool Education	25 N. Franklin St.	Cattaraugus	NY	14719	716-257-5943	https://www.cattlv.wnyric.org/domain/11
Cuba-Rushford Committee on Preschool Education	15 Elm St.	Cuba	NY	14737	585-968-1760 ext. 3123	https://www.crcs.wnyric.org/domain/72
Early Childhood and School-age Family and Community Engagement (FACE) Centers	818 Ellicott St.	Buffalo	NY	14203	716-323-2000	https://www.ochbuffalo.org/care-treatment/early-childhood-direction-center
Ellicottville Committee on Preschool Education	Route 219 S	Ellicottville	NY	14731	716-699-2316 ext. 410	https://www.ellicottvillecentral.com/domain/10
Franklinville Committee on Preschool Education	32 N. Main St.	Franklinville	NY	14737	716-676-8000 ext. 8001	https://www.tbafcs.org/page/88
Gowanda Committee on Preschool Education	10674 Prospect Street	Gowanda	NY	14070	716-532-3325 x4122	http://www.gowcsd.org/special-education/
Hinsdale Committee on Preschool Education	3701 Main St.	Hinsdale	NY	14743	716-557-2227 ext. 417	https://www.hinsdalebobcats.org/Page/17
Olean Committee on Preschool Education	410 W. Sullivan St.	Olean	NY	14760	716-375-8989	https://www.oleanschools.org/Page/297
Parent to Parent of NYS	1200 East & West Rd.	West Seneca	NY	14227	1-800-971-1588	http://parenttoparentnys.org/offices/western/
Pine Valley Committee on Preschool Education	7755 NY-83	South Dayton	NY	14138	716-988-3291 ext. 3356	https://www.pval.org/domain/18
Pioneer Committee on Preschool Education	PO Box 9	Arcade	NY	14009	716-492-9300	https://www.pioneerschools.org/o/pioneer-csd/page/committee-on-pre-school-special-education
Portville Committee on Preschool Education	PO Box 700	Portville	NY	14770	716-933-6036	https://www.portvillecsd.org/o/portville-central-school/page/cse-cpse

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	Address	City	State	Zip	Phone Number	Website
Randolph Committee on Preschool Education	22 Main St.	Randolph	NY	14772	716-358-7030 ext. 7033	https://www.randolphcsd.org/
Salamanca Committee on Preschool Education	50 Iroquois Dr.	Salamanca	NY	14779	716-945-5142 ext. 4049	https://www.salamancany.org/domain/41
Springville Committee on Preschool Education	307 Newman St.	Springville	NY	14141	716-592-3256	https://www.springvillegi.org/special-education/
West Valley Committee on Preschool Education	45 School St.	West Valley	NY	14171	716-942-3293 ext. 404	https://www.wvalley.wnyric.org/
Health Care-Human Reproduction						
Community Clinic - Olean - Cattaraugus County Health Department	1 Leo Moss Dr, Suite 4010	Olean	NY	14760	716-701-3416	http://www.cattco.org/
Universal Primary Care-Olean	135 N Union St	Olean	NY	14760	716-375-7500	www.upchealth.net

Table 120 below is a listing of hospital resources available for residents to access regarding healthy women, infants and children

Table 120: Healthy Women, Infants and Children: Olean General Hospital Resources

Olean General Hospital Programs and Services	Address	City	State	Zip	Phone Number
Obstetrics and Gynecology (OB/GYN) Department					
Olean General Hospital	515 Main Street	Olean	NY	14760	(716) 375-6200

Communicable Diseases and Immunizations

Resources available in McKean County can be accessed through **United Way 211**. **Table 121** below is a listing of community resources (other than the hospital) available in Cattaraugus County for residents to access resources and services to reduce or prevent communicable diseases.

Table 121: Prevent Communicable Diseases: Community Resources Listing for Cattaraugus County

Programs and Services	Address	City	State	Zip	Phone Number	Website
Communicable Disease Surveillance and Treatment						
County Health Department	1 Leo Moss Dr, Suite 4010	Olean	NY	14760	716-373-8050	https://www.cattco.org/health
Universal Primary Care – Olean	135 N Union St	Olean	NY	14760	716-375-7500	www.upchealth.net
Olean Medical Group	535 Main St	Olean	NY	14760	716-372-0141	https://oleanmedicalgroup.com/
Immunization Services						
Dan Horn Pharmacy	111 East Green St	Olean	NY	14760	716-376-6337	https://www.danhornpharmacy.com/
Bartholomew’s Pharmacy	2 Elm St	Franklinville	NY	14737	716-676-3350	https://www.bartholomewspharmacy.com/
Corner Drug Store	1 Washington St	Cattaraugus	NY	14719	716-257-3741	https://www.facebook.com/cattcornerdrug/
Inkley Pharmacy	113 Main St	Randolph	NY	14772	716-358-3201	https://www.rxspark.com/pharmacy-listings/inkley-pharmacy-113-main-st-randolph-ny-14772-9765
Rite Aid	12208 NY 16	Yorkshire	NY	14173	716-492-2511	https://www.riteaid.com/
Rite Aid	9 Broad St	Salamanca	NY	14779	716-945-1095	https://www.riteaid.com/
Rite Aid	81 W Main St	Gowanda	NY	14070	716-532-4114	https://www.riteaid.com/
Rite Aid	265 N Union St	Olean	NY	14760	716-373-2716	https://www.riteaid.com/
South Dayton Supermarket Pharmacy	303 Pine St	South Dayton	NY	14138	716-988-3410	www.southdaytonsupermarket.com/pharmacy-jsp
Tops Pharmacy	2401 W. State St	Olean	NY	14760	716-373-1105	n/a

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Programs and Services	Address	City	State	Zip	Phone Number	Website
Cottrill's Pharmacy	255 Main St	Arcade	NY	14009	585-492-2310	https://cottrillspharmacy.com/
Ellicottville Pharmacy	6133 US 219	Ellicottville	NY	14731	716-699-2385	https://www.ellicottvillenyc.com/members/ellicottville-pharmacy/
Vic Vena Pharmacy	1322 W State St	Olean	NY	14760	716-372-7761	www.vicvenapharmacy.com
Valley Pharmacy	31 W Main St	Gowanda	NY	14070	716-532-1700	https://valleypharmrx.com/
CVS	415 N Union St	Olean	NY	14760	716-372-5881	https://www.cvs.com/
Walmart Pharmacy	1869 Plaza Dr.	Olean	NY	14760	716-373-2781	https://www.walmart.com/cp/pharmacy/5431
Pediatricians (Childhood Immunization Services)						
Dr. Pamela Salzmänn	535 Main St	Olean	NY	14760	716-376-2390	https://oleanmedicalgroup.com/
Dr. Ricardo Illustre	535 Main St	Olean	NY	14760	716-376-2778	https://oleanmedicalgroup.com/
Dr. Srinivas Thandla	2636 W State St	Olean	NY	14760	716-373-8181	https://oleanmedicalgroup.com/
Leo Cusumano	38 Water St	Cuba	NY	14727	585-968-4137	https://www.brmc-ogh.org/
Universal Primary Care	135 N Union St	Olean	NY	14760	716-375-7500	https://upchealth.net/

Table 122 below is a listing of hospital resources available for residents to access resources and services to reduce or prevent communicable diseases.

Table 122: Prevent Communicable Diseases: Olean General Hospital and Bradford Regional Medical Center Resources

Olean General Hospital Programs and Services	Address	City	State	Zip	Phone Number
Communicable Disease Response and Treatment					
Emergency Department Olean General Hospital	515 Main St	Olean	NY	14760	716-373-2600
Emergency Department Bradford Regional Medical Center	116 Interstate Parkway	Bradford	PA	16701	(814) 362-8274