

COMMUNITY HEALTH NEEDS ASSESSMENT



AHN GROVE CITY Report

November 2021



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Mission

To create a remarkable health experience, freeing people to be their best.

Vision

A world where everyone embraces health.

Values

People matter

Every person contributes to our success. We strive for an inclusive culture, regarding people as professionals, and respecting individual differences while focusing on the collective whole.

Stewardship

Working to improve the health of the communities we serve and wisely managing the assets that have been entrusted to our care.

Trust

Earning trust by delivering on our commitments and leading by example.

Integrity

Committing to the highest standards encompassing every aspect of our behavior, including high moral character, respect, honesty, and personal responsibility.

Customer-focused collaboration

Because no one person has all the answers, we actively seek to collaborate with each other to achieve the right outcomes for our customers.

Courage

Empowering each other to act in a principled manner and to take appropriate risks to do what is right to fulfill our mission.

Innovation

Committing to continuous learning and exploring new, better, and creative ways to achieve our vision.

Excellence

Being accountable for consistently exceeding the expectations of those we serve.

A. Introduction

About Allegheny Health Network (AHN)

The hospitals of Allegheny Health Network, as they have for decades, provide exceptional health care to help people live healthy lives and continue to extend their reach, offering a broad spectrum of care and services.

The tradition continues by using the latest medical innovations to treat patients. Gaining knowledge through research to constantly improve how to prevent, diagnose, and treat illness, AHN staffs each hospital with experienced, expert, and compassionate physicians, nurses, and other health care professionals dedicated to medicine, people, and healing.

AHN is committed to giving patients the proper care, at the right place, at the right time. Physicians from various specialties work as a team to coordinate patients' care from start to finish. AHN explores every possible option for treatment. AHN has established medical facilities in communities throughout the region, so patients have convenient access to care. Also, AHN works around patients' schedules to help maintain their quality of life while receiving treatment and therapy.

AHN can extend its reach to more people as a health network by offering a broad spectrum of care and services. AHN has 14 hospitals and more than 200 primary- and specialty-care practices. AHN has approximately 2,400 physicians in every clinical specialty, 21,000 employees, and 2,000 volunteers. AHN provides world-class medicine to patients in their communities, across the country, and around the world.

AHN's physicians continually explore and develop new treatments that allow us to bring medical discoveries from the laboratory directly to patients. These breakthroughs help save lives and give patients access to the latest treatments for disease and medical conditions. Allegheny Health Network is also committed to educating and training the next generation of doctors by serving as the clinical campus for both Lewis Katz School of Medicine at Temple University and Drexel University College of Medicine.

Allegheny Health Network is an integrated health care system that serves patients from across a four-state region that includes Pennsylvania and portions of New York, Ohio, and West Virginia. AHN has more than 80 medical, surgical, and radiation oncology physician practices; one of the state's most extensive bone marrow transplant and cellular therapy programs; and the nation's largest – and western Pennsylvania's only – radiation oncology network accredited by both the American Society for Radiation Oncology and American College of Radiology. Allegheny Health Network's cancer program has more than 200 clinical trials offered throughout its network of hospitals and clinics.

AHN has received accolades from numerous organizations, including Thomson Reuters, AARP, Healthgrades, and Consumer Reports. These accolades recognize AHN's dedication to excellence and strengthen its ability to tackle diseases so we may find a cure for tomorrow.

About AHN Grove City

True to its mission of keeping health and medical care conveniently local, AHN Grove City offers specialty services that do just that. Through partnership, affiliation, or an existing hospital program, AHN Grove City has greatly enhanced the variety of specialty services available to those who need them.

AHN Grove City's physician family includes an impressive cross-section of providers who practice a wide range of specialties. While most of AHN Grove City's primary care physicians practice only here, many of the specialists also have privileges at other hospitals and see patients here on a regularly scheduled, part-time basis. The benefit is the convenience of being able to access an appointment with a highly regarded specialist who practices primarily in Pittsburgh, without the travel. The strong partnerships AHN Grove City maintains with other hospitals and health care systems enables them to provide this important benefit to their patients.

For more information about AHN Grove City, please click [here](#).

[AHN Grove City Recognition](#)

Award-Winning Medical Care

- CareChex® rated AHN Grove City the No. 1 hospital in southwestern PA for Medical Excellence in General Surgery in 2021.
- AHN Grove City's pharmacy name "clinical site of the year" by Comprehensive Pharmacy Services in 2016.
- AHN Grove City receives community impact award from Grove City area United Way for its contributions to the community.
- Grove city earns accreditation as a level IV Trauma Center, the second Pennsylvania hospital to do so 2014.
- AHN Grove City named one of the healthiest companies in America by Interactive Health Solutions for its efforts to improve employee health 2013
- In 2010, AHN Grove City received a Highmark QualityBlue award for quality and patient safety.

B. Frequently Asked Questions

WHAT IS A COMMUNITY HEALTH NEEDS ASSESSMENT (CHNA)?

A community health needs assessment is an effective method of identifying the unmet health care needs of a population and making changes to meet these needs.

WHY WAS A CHNA PERFORMED?

Through comprehensive data and analysis, community health needs assessments identify key health needs and issues locally. Not-for-profit hospitals or charitable-status organizations under section 501(c)(3) of the Federal Internal Revenue Code are required to provide benefits to the community that they serve.

Not-for-profit hospitals must conduct a CHNA and adopt an implementation strategy at least once every three years to meet the identified community health needs. CHNAs identify areas of concern within the community related to the current health status of the region. The identification of the region's health needs provides AHN Grove City and its community organizations with a framework to improve the health of its residents.

HOW WAS DATA FOR THE CHNA REPORT COLLECTED?

A working group and steering group were formed in summer 2021 to complete the CHNA and its initiatives. The information collected is a snapshot of the health of residents in the service area of AHN Grove City, encompassing socioeconomic information, health statistics, demographics, and mental health issues, etc. The group worked passionately and tirelessly to be the voice of the residents served.

C. Internal Revenue Service (IRS) Requirements

The Patient Protection and Affordable Care Act (PPACA), which went into effect on March 23, 2010, requires tax-exempt hospitals to conduct community health needs assessments (CHNA) and implementation strategy plans to improve the health and wellbeing of residents within the communities served by the hospitals. These strategies created by hospitals and institutions consist of programs, activities, and plans specifically targeted toward community populations. The execution of the implementation strategy plan is designed to increase and track the impact of each hospital's efforts.

The requirements imposed by the IRS for tax-exempt hospitals and health systems must include the following:

- Conduct a CHNA every three years.
- Adopt an implementation strategy to meet the community health needs identified through the assessment.
- Report how the strategy addresses the needs identified in the CHNA and a description of needs that are not being addressed with the reasons why.

The Department of the Treasury and the IRS require a CHNA to include:

1. A separate written report for each hospital (state license designation).
2. Description of the community served by the hospital and how that community is defined.
3. Description of the process and methods used to conduct the CHNA.
4. Information gaps that may impact the ability to assess needs.
5. Identification of any collaborating partners.
6. Identification and qualifications of any third parties assisting with CHNA.
7. Description of how input from the community was used.
8. Prioritized description of all community health needs identified through the CHNA.
9. Description of existing health care facilities within the community available to meet the needs identified.
10. A description of the needs identified that the hospital intends to address, the reasons those needs were selected, and how the hospital will address the selected needs.

D. Executive Summary

Project Overview

Allegheny Health Network (AHN) executed a CHNA process that included collecting primary and secondary data. The CHNA working group, consisting of members from AHN's Community Affairs department, oversaw the CHNA along with the project consultant, Tripp Umbach.¹ Representatives from each AHN hospital facility and representatives from departments within AHN formed a steering committee that provided high-level feedback and input on primary and secondary data collected. Organizations and community stakeholders within the primary service area were engaged in identifying the needs of the community. Community organizations, government agencies, educational systems, and health and human services entities were engaged throughout the CHNA. The comprehensive primary data collection phase resulted in contributions from a multitude of regional community stakeholders and representatives from organizations.

Input from the community was sought through a customized multi-language community survey, stakeholder interviews, and a provider survey. Community input was aligned with secondary data collections and presented to the CHNA Steering Committee as a framework for assessing current community needs, identifying new/emerging health issues, and advancing health improvement efforts to address identified needs.

Although the multi-language community survey was broadly deployed, the non-English responses were relatively low. However, many of the community agencies that provide health and human services to those specific populations and have knowledge of their health needs participated in the survey process.

Specifically, the primary data collection consisted of several project components. In total, 59 community stakeholder interviews were conducted with individuals who represented a) broad interests of the community, b) populations of need, or c) persons with specialized knowledge in public health. Feedback from 2,201 online surveys was collected from AHN providers and from 866 surveys from the community.

An internal planning meeting was held with the AHN Steering Committee to discuss and finalize the CHNA needs for 2021 based on primary and secondary data results. AHN Grove City recognized its needs from the previous assessment and will build upon those issues, but most importantly, AHN Grove City identified additional areas of concern that require attention. Based on collective information from the previous implementation strategy plan along with the needs identified in the current cycle, AHN Grove City will reinforce and create new strategies to bridge the gap and address the needs of the underserved in their service area.

A resource inventory was generated to highlight available programs, services, organizations, and agencies within each of the priority needs in the service area. A significant project piece of the CHNA was compiling a regional profile (secondary data analysis). The regional profile was composed utilizing local, state, and federal figures providing valuable information on a wide array of health, clinical, and

¹ Allegheny Health Network contracted with Tripp Umbach, a private health care consulting firm, to complete a community health needs assessment. Tripp Umbach has worked with more than 400 communities in all 50 states. In fact, more than one in five Americans lives in a community where Tripp Umbach has worked.

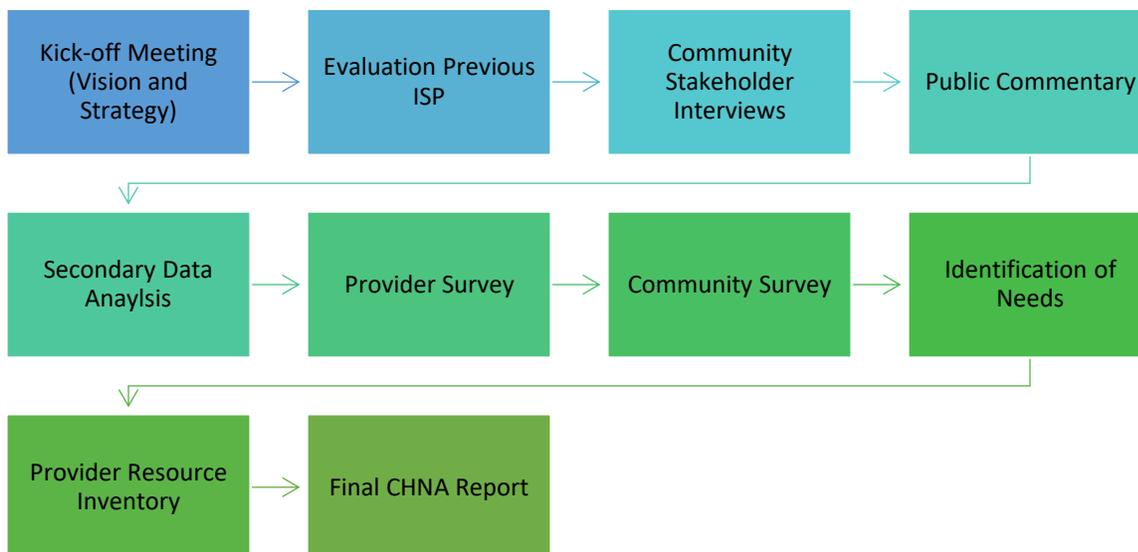
social issues. Tripp Umbach, along with the working group and steering group, examined and discussed different socioeconomic aspects, health outcomes, and health factors that affect residents' behaviors, specifically the influential factors that impact the health of residents.

The CHNA determined the health status of the community with direct initiatives and planning strategies. Without a doubt, the CHNA connected new partners and solidified relationships with local and regional agencies with the overall goal to improve the health outcomes of residents in the region.

AHN Grove City is dedicated to providing exceptional care to residents in its communities. AHN Grove City offers a full spectrum of comprehensive health services, programs, and resources to support the community served and to meet/advance identified community health needs. AHN Grove City' patient-centered approach to care means a greater focus on coordinated health and wellness services and being accountable and responsive to patients.

The overall CHNA involved multiple steps that are depicted in the flow chart. The first step of the process included a kick-off meeting. The meeting allowed the group to discuss visions and strategies and create a shared vision for the CHNA. The session delineated the scope of the project and mechanisms for sharing resources and skills necessary to achieve AHN Grove City's goals and objectives to improve the health of the community.

Figure 1: Overall CHNA Process Flow Chart²



² For additional information on the primary and secondary data collected as part of the CHNA, please refer to the methodology section of the report.

E. 2021 Allegheny Health Network Prioritized Findings

AHN Grove City

The CHNA results, upon review of extensive primary and secondary research, input from community members and stakeholders, and an evaluation of identified key regional priorities, illustrate the continued need for focuses on Social Determinants of Health (SDOH),³ Behavioral Health, Chronic Disease, and Health Equity. Each key need area had subareas of concentration.

The prioritized needs were selected through the efforts of the CHNA Steering Committee and identified during the previous CHNA cycle. Opportunities to advance those efforts and make a more significant impact are evident. Specific strategies for addressing the needs will be delineated in the implementation strategy plan.

The chart below illustrates the 2021 current CHNA needs of each Allegheny Health Network hospital facility, particularly for AHN Grove City. The 2021 needs were based on data collected for the assessment and included how AHN Grove City will build upon its past and new areas of concern.

Table 1: 2021 Prioritized Needs

2021 Prioritized Findings														
Allegheny Health Network (AHN)	Social Determinants of Health					Behavioral Health			Chronic Disease				Health Equity	
	Transportation	Workforce Development	Cost of Care	Access to care*	Food Insecurity, Diet, Nutrition	Substance Use Disorder	Mental Health Services	Postpartum Depression	Diabetes	Heart Disease	Cancer	COPD	Obesity	Diversity, Equity, & Inclusion**
Allegheny General Hospital	x	x			x	x			x	x	x			x
Allegheny Valley Hospital	x					x	x		x	x				x
Canonsburg Hospital	x			x		x			x	x				x
Forbes Hospital	x					x	x		x	x		x		x
Grove City Medical Center				x			x		x	x			x	x
Jefferson Hospital	x	x	x		x	x					x		x	x

³ In 2018, access to care was the overarching community need. In 2021, after internal review and discussions, SDOH replaced access to care as the focus. Understanding SDOH helps identify the many underlying factors and issues that serve as barriers to accessing care. Addressing the conditions of one's environment, such as where people work, play, and live, can dramatically affect the quality of life for many residents. AHN Grove City completed their CHNA in 2019.

Allegheny Health Network (AHN)	Social Determinants of Health					Behavioral Health			Chronic Disease					Health Equity
	Transportation	Workforce Development	Cost of Care	Access to care*	Food Insecurity, Diet, Nutrition	Substance Use Disorder	Mental Health Services	Postpartum Depression	Diabetes	Heart Disease	Cancer	COPD	Obesity	Diversity, Equity, & Inclusion**
Saint Vincent Hospital	x	x		x	x	x	x	x	x		x		x	x
West Penn Hospital		x			x			x	x		x		x	x
Westfield Memorial Hospital						x	x	x	x	x	x			x
Wexford Hospital					x	x	x	x		x				x
Brentwood Neighborhood Hospital			x	x										
Harmar Neighborhood Hospital			x	x										
Hempfield Neighborhood Hospital			x	x										
McCandless Neighborhood Hospital			x	x										

* Access to care includes primary care, specialty care, and access to general services.

**Diversity, Equity, & Inclusion includes LGBTQ+ and cultural competency.

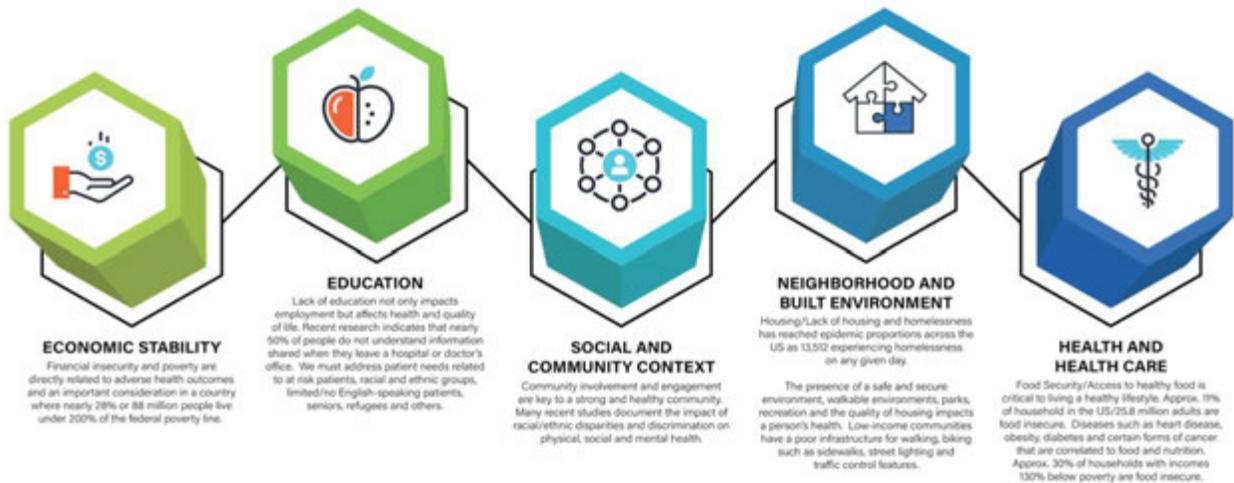
A) Social Determinants of Health

The World Health Organization (WHO) defines social determinants of health as the economic and social conditions that influence individual and group differences in health status. These economic and social conditions under which people and groups live may increase or decrease the risk of health conditions or diseases among individuals and populations. Addressing SDOH is paramount to creating a healthier community.

Various domains categorize SDOH; Figure 2 displays five domains as categorized by Healthy People 2030. Data links determinants and domains to health status, such as the correlation of one's ZIP code resulting in drastically different health statuses for patients with the same/similar health conditions. SDOH domains are also contributors to health disparities and inequities across the nation. The literature stresses the need for multi-sector organizations to collaborate to address social determinants and make positive impacts on overall patient health. In addition, targeting specific populations with specialized interventions is imperative to providing equitable health care.

AHN Grove City will identify and address critical SDOH such as access to care, behavioral health (mental health services), chronic diseases (diabetes, heart disease, and obesity), and health equity (diversity, equity, and inclusion).⁴

Figure 2: Understanding SDOH (Healthy People 2030)



Source: Healthy People 2030

⁴ AHN Grove City's primary service area encompasses Butler, Lawrence, Mercer, and Venango counties. Secondary data was supplied related to the identified region.

Access to care

Access to high-quality, comprehensive health care services is essential for maintaining health and preventing and managing disease. Obtaining primary care services and having a primary care physician is a vital part of health care maintenance. Almost one in four Americans do not have a primary care provider (PCP) or health center where they can receive regular medical services. Approximately one in five Americans (children and adults under age 65) does not have medical insurance.⁵ Transportation issues, cost, coverage, timeliness of services, and availability of providers are barriers to obtaining health care services.

Across the United States, the projected shortage of 46,900 to 121,900 physicians by 2032 includes both primary care (21,100 to 55,200) and specialty care (24,800 to 65,800). Among specialists, the data project shortages of 1,900 to 12,100 medical specialists; of 14,300 to 23,400 surgical specialists; and of 20,600 to 39,100 other specialists, such as pathologists, neurologists, radiologists, and psychiatrists, by 2032.⁶ The Robert Graham Center reports that to maintain current rates of utilization, Pennsylvania will need an additional 1,039 primary care physicians by 2030, a 11% increase compared to the state's current (as of 2010) 9,096 PCP workforce.⁷

Secondary data from County Health Rankings & Roadmaps reported that Lawrence County's clinical ranking in 2021 of 44 is an improvement from a 59 ranking in 2019. Butler County's ranking remained the same (7), Mercer County worsened to 49 from 47, and Venango County worsened to 60 from 57.⁸

The clinical care category takes into consideration the ease of accessing care and the quality of care once accessed. Clinical care ranking considers the availability of health services and the quality of those services. But it also considers the preventive care measures that patients take to manage their health, including immunization rates, cancer screening rates, and percentage of the population that receives a yearly dental examination. The clinical care ranking is vital to understanding the ebb and flow of where clinical services are lacking in the state.⁹

B) Behavioral Health

Falling under the umbrella of behavioral health, substance use and mental health impact the lives of families and individuals throughout the United States. The percentage of residents diagnosed with behavioral health problems has grown exponentially. Along with the growth, the need for mental health services has not diminished. Genetics and socioeconomic factors play vital roles in individuals diagnosed with a mental health problem, and frequently, societal factors increase the likelihood of one engaging in

⁵ Healthy People: www.healthypeople.gov/2020/leading-health-indicators/2020-lhi-topics/Access-to-Health-Services

⁶ Association of American Medical Colleges: www.aamc.org/news-insights/press-releases/new-findings-confirm-predictions-physician-shortage

⁷ Robert Graham Center: www.graham-center.org/content/dam/rgc/documents/maps-data-tools/state-collections/workforce-projections/Pennsylvania.pdf

⁸ County Health Rankings & Roadmaps: www.countyhealthrankings.org/app/pennsylvania/2021/rankings/factors/2

⁹ County Health Rankings: www.countyhealthrankings.org

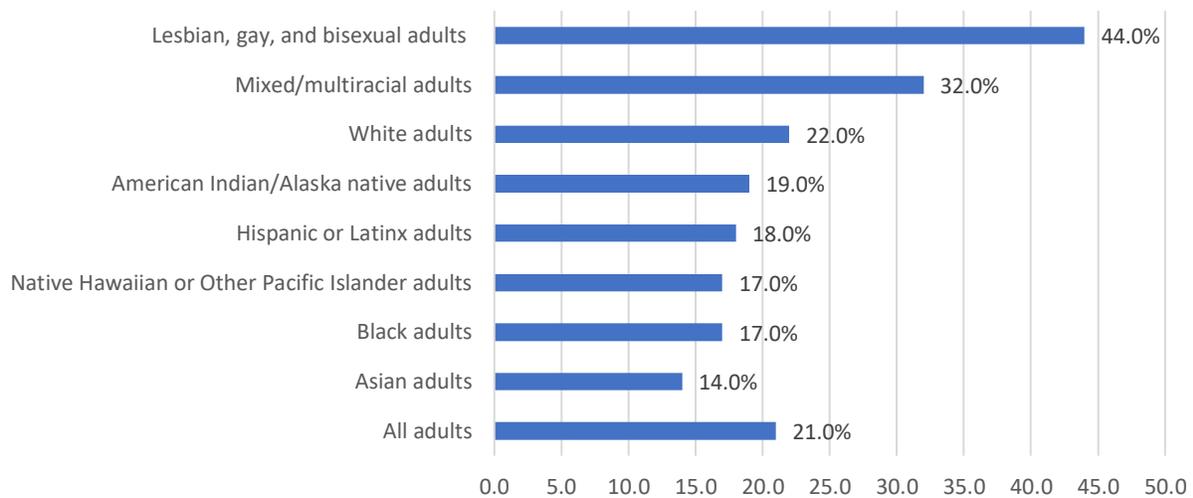
unhealthy life choices such as alcohol and drug use. According to the American Hospital Association, behavioral health disorders affect nearly one in five Americans and have community-wide impacts. Hospitals and health systems provide essential behavioral health care services to millions of Americans every day.¹⁰

Mental Health Services

The prevalence of mental illness in American is vast and continues to grow yearly. According to the National Alliance on Mental Health, one in five U.S. adults experiences a mental illness, one in 20 U.S. adults experiences serious mental illness, and 17% of youth (6-17 years old) experience a mental health disorder.¹¹

The figure below reports U.S. adults who have experienced any mental illness within the past 12-months, broken out by population.¹² The figure shows that more than one-third of American adults who are lesbian, gay, and bisexual have a mental illness followed by individuals who are mixed/multiracial (32.0%).

Figure 3: 12-Month Prevalence of Any Mental Illness



Source: National Alliance on Mental Health

While COVID-19 has intensified and heightened mental health conditions, barriers to receiving mental health services has been problematic for years. One central issue is the availability of mental health professionals.

¹⁰ American Hospital Association: www.aha.org/advocacy/access-and-health-coverage/access-behavioral-health

¹¹ National Alliance on Mental Health: www.nami.org/mhstats

¹² Ibid.

County Health Rankings & Roadmaps in 2021 reveals that Mercer County (172.0 per 100,00 population) has a higher number of mental health providers when compared to Butler (169), Lawrence (126), and Venango counties (158). The availability of mental health providers allows one to have access to care and services and enables those suffering from the disease appropriate care and treatment when sought. While individuals face mental health challenges and struggle, people who seek regular treatment can improve their symptoms and live a better, prosperous, and a higher quality of life.

C) Chronic Disease

Chronic diseases are a significant cause of disability and death in Pennsylvania and the United States. The seven leading causes of death are heart disease, cancer, stroke, chronic lower respiratory disease (CLRD), unintentional injury, Alzheimer's disease, and diabetes. According to the Pennsylvania Department of Health, chronic disease accounts for about 70.0% of all deaths annually in Pennsylvania. With Pennsylvania's aging population and the advances in health care enabling people to live longer, the cost associated with chronic disease will increase significantly if no changes are made. Clinical preventive services, such as routine disease screening and scheduled immunizations, are key to reducing the effects of chronic disease and reducing death. Preventive services both prevent and detect illnesses and diseases in their earlier, more treatable stages, significantly reducing the risk of illness, disability, early death, and medical care costs.

Diabetes

- The American Diabetes Association reported that approximately 1.4 million people in Pennsylvania have diabetes. An additional 325,000 are still undetected. Estimates show that one of every three children born in the United States will be directly affected by diabetes.
- According to the CDC, in 2017, 8.1% in Butler, 13.3% in Lawrence, 8.6% in Mercer, and 11.7% of Venango County residents reported that they have diabetes.
- Deaths per 100,000 population as a result of diabetes in 2015-2019, according to the Pennsylvania Department of Health, totaled 22.2 in Butler, 24.6 in Lawrence, 27.2 in Mercer, and 28.5 in Venango.
 - Butler, Lawrence, Mercer, and Venango reported higher death rates when compared to the state (20.7).

Heart Disease

- Heart disease is the leading cause of death for men, women, and people of most racial and ethnic groups in the United States.¹³

¹³ Centers for Disease Control and Prevention. www.cdc.gov/heartdisease/facts.htm

- Deaths per 100,000 population from heart disease in 2015-2019, according to the Pennsylvania Department of Health, totaled 170.9 in Butler, 201.2 in Lawrence, 192.6 in Mercer, and 202.6 in Venango County.¹⁴
 - Lawrence, Mercer, and Venango counties reported higher death rates when compared to the state (175.3).

Obesity

Being obese is a significant risk factor that often will lead to other health problems such as diabetes, cardiovascular disease, cancers, and other health ailments. Losing weight and engaging in a healthy diet and exercise regimen can reduce the likelihood of developing many of these conditions.

- Excess weight may indicate an unhealthy lifestyle and puts individuals at risk for further health issues. In 2017, 35.8% of Butler County adults, 37.1% in Lawrence, 36.7% in Mercer, and 36.0% in Venango County aged 20 and older reported BMIs greater than 30.0. All of the counties reported higher rates when compared to Pennsylvania (30.5%) and the nation (29.5%).¹⁵
- In 2019 the Behavioral Risk Factor Surveillance Survey and 2018-2019 Pennsylvania Growth Screening Index reported that 33% of Pennsylvania adults and 18% of children in grades K-12 were affected by obesity.¹⁶
- Nationally, the Centers for Disease Control and Prevention (2017-2018) reported the prevalence of obesity was approximately 42% in adults and 19% in children.¹⁷

D) Health Equity

Diversity, Equity, & Inclusion

Health equity objectives are designed to end past infrastructures and workplace cultures that treat people inequitably based on demographic factors such as gender, age, ethnicity, race, sexual orientation, and other factors. Health inequities are rooted in historical and current policies and systems that may favor one group over others. These historical and structural inequities take their toll on health and the quality of life through economic, cultural, political, social, and physical factors. Health is deeply connected and rooted to where people live, work, learn, and play.

¹⁴ The Pennsylvania Department of Health: www.health.pa.gov/topics/HealthStatistics/VitalStatistics/CountyHealthProfiles/Documents/current/alleghey.aspx

¹⁵ Weight that is higher than what is considered healthy for a given height is described as overweight or obesity. Body Mass Index (BMI) is a screening tool for overweight and obesity. BMI that is 30.0 or higher falls within the obesity range. Centers for Diseases Control and Prevention: www.cdc.gov/obesity/adult/defining.html

¹⁶ The Pennsylvania Department of Health: www.health.pa.gov/topics/programs/Pages/Obesity.aspx

¹⁷ Ibid.

Recognition is increasing across the health care environment. Improving health and achieving health equity demands a broad, multi-pronged approach and requires community engagement and addressing economic, social, and environmental factors that influence health. For example, prejudice and discrimination can lead to delays in medical diagnosis and treatment. The New England Journal of Medicine published a study reporting that women were seven times more likely than men to be misdiagnosed and discharged in the middle of having a heart attack due to the medical concepts of most diseases being based on understandings of male physiology and women having different heart attack symptoms than men.¹⁸

Health inequities unveil startling contrasts in health among different people. The Pennsylvania Department of Health reported vast disparities among its residents.

Publication data from 2018 reveal Black residents had significantly higher age-adjusted cancer incidence rates than whites in these areas:¹⁹

- Prostate
- Lung and bronchus
- Kidney and renal pelvis
- Pancreas
- Liver and intrahepatic bile duct
- Myeloma
- Stomach

Blacks: The age-adjusted incidence rate among Black Pennsylvania residents for liver/intrahepatic bile duct cancer (17.2 per 100,000 population) was more than two times that of white residents (7.8 per 100,000 population) in 2015. Myeloma also had an incidence rate of more than two times higher among Black residents (13.5 per 100,000 population) than white residents (6.3 per 100,000 population).

Asians and Pacific Islanders: In 2015, the age-adjusted incidence rate among Asians/Pacific Islanders for stomach cancer (9.7 per 100,000 population) and cancer of the liver/intrahepatic bile duct (13.9 per 100,000 population) was almost two times the rate among whites (5.7 and 7.8 per 100,000 population, respectively).

Hispanics: In 2015, Hispanics had a significantly higher age-adjusted incidence rate than whites for liver/intrahepatic bile duct cancer. Specifically, the Hispanic liver/intrahepatic bile duct cancer rate (13.9 per 100,000 population) was almost two times that of whites (7.8 per 100,000 population).

¹⁸ The New England Journal of Medicine: www.nejm.org/doi/full/10.1056/NEJM200008243430809

¹⁹ The Pennsylvania Department of Health: www.health.pa.gov/topics/HealthStatistics/MinorityHealthStatistics/Documents/Minority_Cancer_Incidence_2015.pdf

Publication data from 2018 reveal the following discharge rates were significantly higher among Black residents compared to whites:²⁰

- Asthma (various age groups)
- Non-fatal spinal cord injuries
- Heart failure (ages 65-74)
- Heart failure (ages 75-84)

The following discharge rates were significantly higher among Hispanic residents compared to whites:²¹

- Asthma (various age groups)
- Heart failure (ages 65-74)
- Heart failure (ages 75-84)

Blacks: During 2014, hospital discharge rates per 10,000 for young childhood asthma (under 5) were several times higher among Black residents than white residents, 72.4 versus 13.8. In addition, hospital discharge rates for asthma among Black residents were at least two times higher than white residents in all other age groups. Another major disparity occurred for hospital discharge rates of heart failure among the ages 65-74. The rate was two times higher among Black residents (16.6) than white residents (7.4).

Hispanics: Like Black residents, in 2014, Hispanic residents had elevated hospital discharge rates for asthma compared to white residents. Specifically, the hospital discharge rate per 10,000 for asthma among Hispanic residents under five years of age (38.2) was about three times higher than white residents under 5 (13.8). The hospital discharge rate for asthma among Hispanic residents ages 5 to 64 was more than two times the rate for whites.

COVID-19-related reductions in life expectancy disproportionately affected people of color. People living in rural areas have a lower quality of health care and less access to services than people living in urban and suburban areas.

Improving health equity engages all community sectors and partners to promote health equity and sustainability through job creation and economic development, transportation access and mobility, access to foods and nutrition, physically active and safe neighborhoods, and improved educational status. Most importantly, to improve access to equitable health care, health equity must be the focus as an organization at all levels and embedded into our practices, processes, actions, and outcomes.

²⁰ The Pennsylvania Department of Health:
www.health.pa.gov/topics/HealthStatistics/MinorityHealthStatistics/Documents/Minority_Hosp_for_Select_Conditions_2014.pdf

²¹ Ibid.

F. Defined Community

A community is defined as the geographic area from where a significant number of the patients utilizing hospital services reside. While the CHNA considers other types of health care providers, the hospital is the single largest provider of acute-care services. For this reason, the utilization of hospital services provides the most precise definition of the community.

The defined community (or primary service area or PSA) of AHN Grove City encompasses 19 ZIP codes located in Butler, Lawrence, Mercer, and Venango counties. Map 1 shows AHN Grove City’s defined community.

Map 1: 2021 CHNA Study Area/Counties

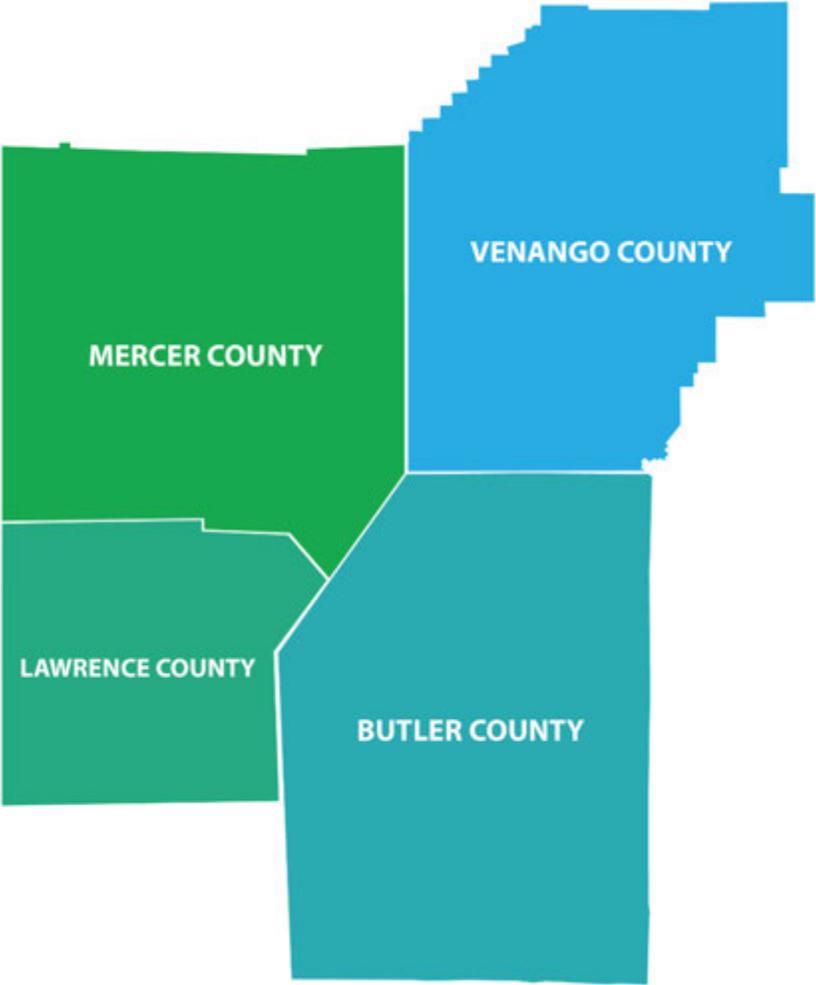


Table 2: Primary Service Area ZIP Codes

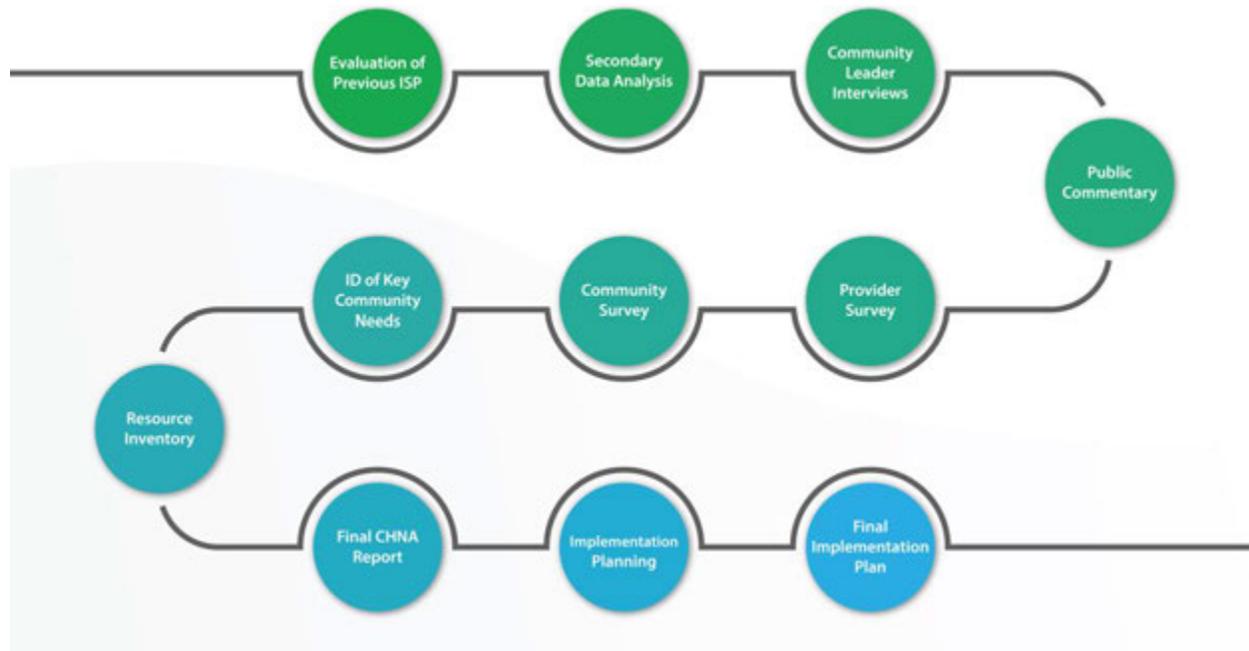
ZIP Code	Town	County
16057	Slippery Rock	Butler
16038	Harrisville	Butler
16020	Boyers	Butler
16051	Portersville	Butler
16040	Hilliards	Butler
16061	West Sunbury	Butler
16001	Butler	Butler
16156	Volant	Lawrence
16124	Fredonia	Mercer
16127	Grove City	Mercer
16137	Mercer	Mercer
16153	Stoneboro	Mercer
16145	Sandy Lake	Mercer
16133	Jackson Center	Mercer
16142	New Wilmington	Mercer
16342	Polk	Venango
16374	Kennerdell	Venango
16373	Emlenton	Venango
16372	Clintonville	Venango

G. Methodology

Tripp Umbach, a planning and research firm specializing in health care, education, government, and corporate clients to improve communities' economic, social, and physical wellbeing, was contracted by Allegheny Health Network to conduct the system's 2021 CHNA. The CHNA report complies with the Internal Revenue Service's guidelines for charitable 501(c)(3) tax-exempt hospitals and includes input from individuals representing the broad interests of the communities served by Allegheny Health Network, including those with direct knowledge of the needs of the medically underserved, disenfranchised populations, and populations suffering from chronic diseases.

The CHNA process began in late June 2021 and is positioned to conclude in the early spring of 2022 with a final implementation strategy planning report. While multiple steps make up the overall CHNA process, Tripp Umbach will continue to work closely with the CHNA working group members to collect, analyze, and identify the results to complete AHN Grove City's assessment. The data collected and the information being composed will allow further group engagement of internal and external stakeholders to inform the CHNA needs and deliverables.

Figure 3: Data Collection Roadmap



Community Health Needs Assessment Data Collection

AHN Grove City, along with Tripp Umbach, participated in a 39-person steering group consisting of system-level leadership and hospital personnel who have direct patient care/contact and are instrumental in their community. The steering group members have a vast knowledge of the needs of underserved and disenfranchised populations, specifically those with chronic diseases, behavioral health issues, and socioeconomic challenges. To fulfill IRS requirements related to the Affordable Care Act (ACA), AHN Can Grove City's methodology employed both qualitative and quantitative data.

Evaluation of 2019 Implementation Strategy Plan

The flow chart identified the health needs of AHN Grove City in 2019. AHN Grove City concentrated efforts and plans to address the health needs identified in the previous assessment.



AHN Grove City worked over the last three years to address, develop, and implement strategies to tackle the CHNA issues and evaluate the effectiveness of the strategies in meeting goals and providing strategies to improve the health in the community.

AHN Grove City confronted problem statements and strategies and developed ways to address its success. AHN Grove City modified some of its goals to better achieve the identified needs from the 2019 CHNA. The self-assessment has indicators to denote improving and tracking each goal and strategy within the three years and beyond. Specific metric information/measurable indicators can be obtained from AHN Community Affairs.

It is important to note, due to the impact of COVID-19 and staffing changes, several programs, initiatives, and strategies were not pursued as priorities shifted from the 2019 implementation cycle. The implementation planning phase in 2022 will continue to identify and complete plans to address the needs of the community that were identified in the 2021 CHNA.

Health Priority: Adult Obesity

Goal 1: Support community members in achieving a healthy weight.

Strategies	Action Steps	2019	2020	2021
Support community members in achieving a healthy weight.	Diabetes Prevention Program presented in partnership with Grove City YMCA; the program’s focus is fitness and nutrition, which lead to weight loss and management. To date, six cohorts of 8-10 participants have completed the program, with 90 percent achieving their weight loss and physical activity goals. *In 2020, loss of employed health coach.	X		
	Sponsored and participated in Penn State Cooperative Extension’s diabetes prevention and education program, “Dining with Diabetes”	X		
	Present “Nutrition Label Reading 101” seminar, including health fairs and other community events	X		
	AVI, our food service partner innovatively integrates selections of low fat, nutrient rich food and beverages in the GCMC café	X	X	X
	Provide regular health and wellness content through social media channels to foster healthy eating habits and fitness regimens. * In 2020, Social media control shifted to AHN.	X		
	In partnership with Interactive Health encourage GCMC workforce to improve their annual health scores through healthy diet and fitness habits, rewarding them with discounted health insurance premium rates. *In 2020, AHN health benefits did not offer.	X		

Health Priority: Heart Disease

Goal 1. Decrease the proportion of community members who smoke.

Strategies	Action Steps	2019	2020	2021
Decrease the proportion of community members who smoke.	Provide “My Path to a Smoke-Free Future” tobacco cessation program at least once each year. *In 2020-2021, unable to complete due to COVID-19	X		
	Offer group and individual counseling, on-line assistance and support and hypnotherapy with certified tobacco treatment specialist year-round.	X		
	Implemented a new smoking cessation program, “Freedom from Smoking,” in partnership with the Grove City YMCA	X		
Raise awareness about high blood pressure and its correlation to heart disease	Offer blood pressure screenings at local senior center and the monthly community dinners held at East Main Presbyterian Church	X	X	
	Offer Blood Pressure Power Ball to GCMC employees to increase understanding of the importance of blood pressure management and to identify individuals whose blood pressure is not within a healthy range *In 2020, unable to complete due to COVID-19	X	X	

Health Priority: Physical Fitness

Goal 1. Introduce inactive people to physical activities that are enjoyable and sustainable.

Strategies	Action Steps	2019	2020	2021
Introduce inactive people to physical activities that are enjoyable and sustainable.	Continue to host the annual 5K Ice Cream Race, sponsored by Runners’ High, attended by 1000+ runners each year. *In 2020, unable to complete due to COVID-19	X		

Secondary Data Analysis

Secondary data sources at the local, state, and national levels included disparity data, public health priorities related to disease prevalence, socioeconomic factors, health outcomes, and health determinants to create a regional community health data profile based on the location and service areas of Allegheny Health Network. Secondary data was gathered primarily through Community Commons, a publicly available dashboard of multiple health indicators drawn from several national data sources that allowed for the review of past developments and changes related to demographics, health, social, and economic factors. Additional data sources include County Health Rankings, Community Needs Index, and U.S. Census Bureau. The data is also peer-reviewed and substantiated, providing a deep level of validity as a source.

The robust community profile generated a greater understanding of regional issues, mainly identifying regional and local health and socioeconomic issues.

The secondary quantitative data collection process included:

- American Community Survey
- Centers for Disease Control and Prevention
- Centers for Medicare and Medicaid Services
- County Health Rankings and Roadmaps
- Dartmouth College Institute for Health Policy and Clinical Practice
- FBI – Uniform Crime Reports
- Health Resources and Services Administration (HRSA)
- Kaiser Family Foundation (KFF)
- Pennsylvania Department of Health – State Cancer Profiles
- Pennsylvania Department of Health and Vital Statistics
- The Agency for Healthcare Research and Quality (AHRQ)
- U.S. Census Bureau
- U.S. Department of Education National Center for Education Statistics
- U.S. Department of Health and Human Services
- U.S. Department of Labor

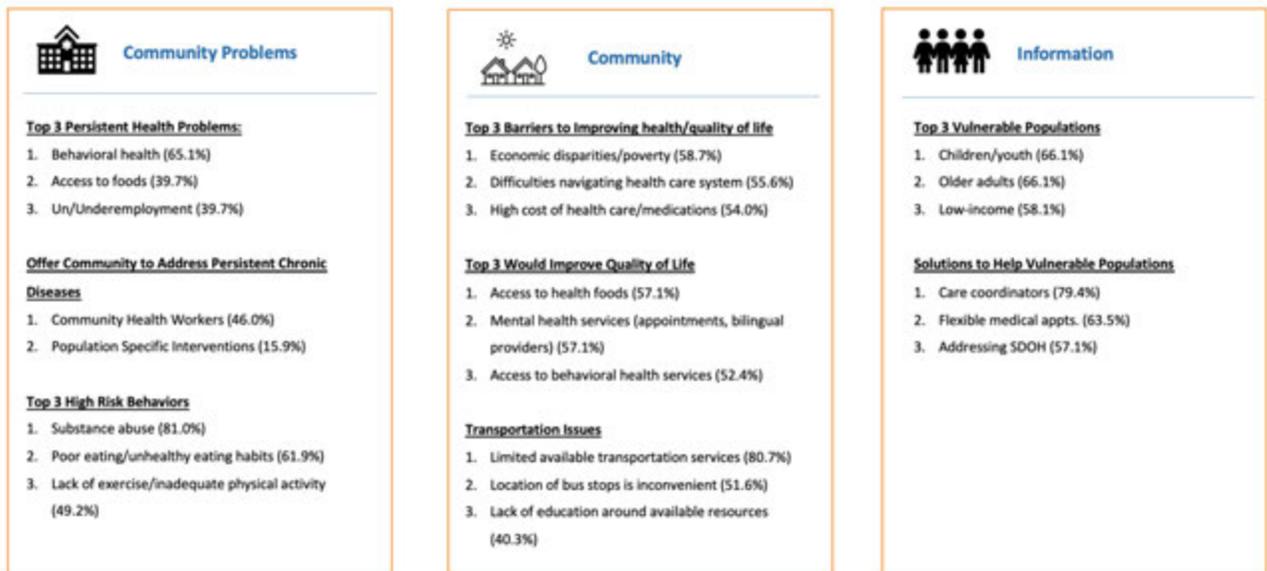
Community Stakeholder Interviews

As part of the CHNA phase, telephone interviews were completed with community stakeholders to understand the changing environment. The interviews offered stakeholders an opportunity to provide feedback on the needs of the region they serve and other information relevant to the study. Overall, 59 community stakeholder interviews were conducted for AHN in July-October 2021. Community stakeholders targeted for interviews encompassed a wide variety of professional backgrounds, including:

1. Businesses
2. County and state government representatives
3. Economic development
4. Education
5. Faith-based communities
6. Foundations/philanthropic
7. Health care representatives
8. Law enforcement
9. Non-profits
10. Representatives of underserved populations
11. Social service representatives

Within the interview and discussion process, overall health needs, themes, and concerns were presented. Within each of the overarching themes, additional topics fell under each category. Below are the overall key findings from the interviews.

Community Stakeholder Interviews Common Themes



Eleven interviews were conducted with community stakeholders who represented AHN Grove City's community. The qualitative data collected are the perceptions and opinions from community stakeholders as part of the CHNA process. The information provides insight and adds great depth to the qualitative data. Community stakeholders interviewed represented the following organizations:

1. AHN Grove City Medical Center
2. AWARE Domestic Violence Agency (Sexual Assault)
3. Buhl Regional Health Foundation of Mercer County
4. Grove City Area United Way
5. Grove City Chamber of Commerce
6. Grove City School District
7. Grove Manor Corporation
8. Mercer County Agency on Aging
9. Primary Health Network
10. Slippery Rock University
11. YMCA of Franklin and Grove City

Public Commentary

Tripp Umbach solicited comments related to the 2019 CHNA and Implementation Strategy Plan (ISP) as part of the assessment. Feedback was obtained from community stakeholders identified by the working group. Observations allowed community representatives to react to the methods, findings, and subsequent actions taken due to the 2019 CHNA and implementation planning process. Stakeholders were posed questions developed by Tripp Umbach. Collectively, feedback was gathered from 59 community stakeholders from July to October 2021. The public comments below are a summary of stakeholders' input regarding the former documents.

- When asked whether the assessment "included input from community members or organizations," 54.9% reported that it did.
- In the survey reviewed, 41.2% reported that the report did not exclude community members or organizations that should have been involved.
- In response to the question, 43.1% of respondents agreed when asked, "Were the implementation strategies directly related to the need identified in the CHNA?"

According to community stakeholders, the CHNA and the ISP benefited them and their community in the following manner (in no specific order):

- Created greater community awareness and greater relationship building and highlighted partnerships.
- Addressed concerns and ways to improve concerns.
- We use part of the report to develop programs and use it for funding. The report shows what is going on in our community and tracks the progress of our county and its residents.

- CHNAs provoke one to think about the many never-ending needs of the community. We must become more innovative for the community's future. Example: Multi-Cultural Male Mentoring Programs will be an ongoing need that will ultimately lessen gangs, gun violence, and substance use/suicide/homicide statistics.
- The presence of AHN has increased significantly. Took the findings into practicum and increased/enhanced status in communities.
- It resulted in better services and providers.
- Implementation was around community wellbeing, and health systems participated financially to bring blue zones project – good effort.
- Hospitals are implementing parts of the plan, and we can see results as there are good motives and intentions.
- Not sure how to evaluate program effectiveness due to COVID-19.
- Knowing that the feedback that we provided solidifies some of these choices to prioritize. Making ways to solve serious issues.
- I would like the opportunity for follow-up/further involvement in the process.
- Better understanding allows for the development of extended partnerships/relationships in the impact areas.
- You are allowing the community to listen to concerns. The effort to improve the life of residents and let them know we care.
- Increased awareness of social determinants of health (SDOH) and broader attention to behavioral health.
- Responses from community members gave specific issues. The implementing agency had some space to plan programs to meet particular needs.
- We need more focus on SDOH.
- I would ideally like to have more community engagement in the process.
- It was understood that there are many challenges and being proactive leads to greater quality of life and overall health.
- Recognized actual issues and focus on SDOH and not just relaying it to insurance coverage.
- Improved the health care services that were allocated to the residents.
- We saw the outcome of the work produced as well as the opportunity to educate people. Saw continued support for food accessibility in the community.

Additional feedback community stakeholders believed was not covered (in no particular order):

- Once CHNA/implementation plans are completed, bring back interviewees to review/discuss results.
- Allowing agencies like this to think outside the box and think like a client.
- Helping communities understand what it means and the overall impact.
- Focus on changing regional demographics. There is a growing Asian population along with residents moving out of the city. There are also challenges regarding services to transportation.
- Outreach to as many community organizations as possible to provide additional input.

Provider Survey

A provider survey was implemented to collect data from providers from the hospital’s service areas and region to identify the community's needs and vulnerable populations and those partners/organizations that will be instrumental in addressing prioritized needs. Providers internal and external to Allegheny Health Network received a survey link. In total, 26,616 providers received a survey link; 2,201 surveys were returned/submitted.

A survey instrument was developed and used to obtain vital information through the lens of local providers. Collecting data through the provider survey will allow more appropriate care to populations most in need. The provider audience is also essential to gauge how patients and residents have adjusted their health needs during the pandemic and how providers assisted them.

The provider survey was active in July-August 2021. Below are common themes providers reported in their community.

Provider Survey Common Themes

 Community	 Economics	 Health	 Populations
<p>Best Things</p> <ul style="list-style-type: none"> • Health care • Restaurants/food • Shopping <p>Quality of Life</p> <ul style="list-style-type: none"> • Family-friendly environment • Affordable living • Safe Place to live <p>Activities</p> <ul style="list-style-type: none"> • Recreational/sports • Events & festivals • Activities family/youth <p>Hospital</p> <ul style="list-style-type: none"> • Do address needs diverse/at-risk populations • Provide access to everyone 	<p>Barriers to Care</p> <ul style="list-style-type: none"> • Affordability • No insurance • Lack of health care <p>Contributors to Transportation</p> <ul style="list-style-type: none"> • Limited services • Cost • Community education around resources 	<p>Persistent Health Problems</p> <ul style="list-style-type: none"> • Behavioral health • Lack of exercise • Aging problems <p>Overall Health Concerns</p> <ul style="list-style-type: none"> • Behavioral health • Diabetes • High-health care costs • Obesity <p>Impact on Quality of Life</p> <ul style="list-style-type: none"> • Access to behavioral health • Mental health services • Health care access 	<p>Offer to Maintain Health</p> <ul style="list-style-type: none"> • Prevention and education • Population specific interventions <p>Vulnerable Populations</p> <ul style="list-style-type: none"> • Mentally ill • Low-income • Uninsured/underinsured <p>Solutions to Help Vulnerable</p> <ul style="list-style-type: none"> • Care coordination • Flexible medical appointments • Provide transportation <p>Barriers Preventing Health Care</p> <ul style="list-style-type: none"> • Lack evening/weekend hours • Affordability • Inability to get appointments

Community Survey

A community survey was employed to collect input from populations within Allegheny Health Network's service area to identify health risk factors and health needs in the community. Working with leadership from Community Affairs, the community survey was promoted on social media platforms, hospital websites, relationships with community-based organizations, and clinics. An email was sent from Tripp Umbach to community residents requesting survey participation. A \$250 gift card was provided as an incentive for community residents to encourage participation.

Collecting surveys from community residents whose primary language was not English was an essential driver of the initiative. The community survey was available in English, Spanish, Nepalese, Chinese, and Arabic. An email was sent to more than 43,000 residents in the AHN service area for engagement. A total of 857 English surveys and nine non-English surveys were collected for analysis.

Survey data was collected from Survey Monkey from mid-August 2021 to early October 2021. In total, 866 surveys were used to assure statistical accuracy. A response rate of 1.98% was achieved. Below are common themes from community residents.

Community Survey Common Themes

 Community	 Community	 Information
<p><u>Top 3 Health Problems in Community</u></p> <p><u>English Speakers</u></p> <ol style="list-style-type: none">1. Aging problems2. Drug/alcohol3. Behavioral/mental health <p><u>Non-English Speakers</u></p> <ol style="list-style-type: none">1. Access to healthy foods2. Dental health3. Lack of exercise <p><u>Top 3 Factors that Contribute to Healthy Community (English & Non-English Speakers)</u></p> <ol style="list-style-type: none">1. Low crime/safe neighborhoods2. Easy access to health care3. Good schools	<p><u>Needed to Improve Quality of Life and Health</u></p> <p><u>English Speakers</u></p> <ol style="list-style-type: none">1. Affordable health care services2. Access to drug/alcohol and mental health services3. Elder care <p><u>Non-English Speakers</u></p> <ol style="list-style-type: none">1. Access to drug/alcohol and mental health services2. Better/more recreational facilities3. Dental care access	<p><u>Top Place Go for Health Care (English & Non-English Speakers)</u></p> <ol style="list-style-type: none">1. Physician offices <p><u>Health Screenings Needed to Stay Healthy</u></p> <p><u>English Speakers</u></p> <ol style="list-style-type: none">1. Blood pressure2. Cholesterol3. Well check-ups <p><u>Non-English Speakers</u></p> <ol style="list-style-type: none">1. Dental screenings2. Well check-ups3. Cholesterol

Community Survey Common Themes



Information

Top 3 Behaviors People Need more Information About:

English Speakers

1. Chronic disease prevention/mgmt.
2. Substance abuse prevention
3. Care for family members w/special needs/disabilities

Non-English Speakers

1. Chronic disease prevention/management
2. Eating well/nutrition
3. Exercising/fitness



Personal Health

Describe One's Overall Health

English Speakers

1. Excellent/very good – 35.2%

Non-English Speakers

1. Excellent/very good – 66.7%

Top 3 Health Personal Challenges

English Speakers

1. Joint, muscle, and back pain
2. Overweight/obesity
3. High blood pressure

Non-English Speakers

1. Arthritis
2. Joint, muscle, and back pain
3. High blood pressure

Community Survey Common Themes



Personal Health

Preventative Procedure in past 12 months:

English Speakers

1. Blood pressure
2. Physical exam
3. Flu shot

Non-English Speakers

1. Blood pressure
2. Flu shot
3. Cholesterol screenings



COVID-19

Received COVID-19 Vaccination

English Speakers

- Yes- 84.9%

Non-English Speakers

- Yes - 100.0%

Top 3 Areas Impacted by COVID-19

English Speakers

1. Social
2. Emotional
3. Quality of life

Non-English Speakers

1. Emotional
2. Fear of sickness
3. Social

Identification of Key Community Needs

The AHN CHNA Steering Committee, composed of interdisciplinary representatives from each of the hospitals as well as service leaders, reviewed primary data and secondary data sources to identify community needs and trends. Building on the needs identified in the previous cycle and the accomplishments of the previous implementation strategies, the community needs were assessed to identify continued gaps in services, changes in population health status, and areas in need of further effort and support. Those discussions served as a basis for prioritizing the 2021 community needs and the deployment of resources and community assets to meet those needs.

Resource Inventory

An inventory of programs and services available in the region was developed by Tripp Umbach. This inventory highlights available programs and services within the service area of AHN that fall under each of the priority need areas.

The inventory identifies the range of organizations and agencies in the community that serve the various target populations within each of the priority needs. It provides program descriptions and collects information about the potential for coordinating community activities and creating linkages among agencies.

Data Limitations

Data collected for the 2021 CHNA has limitations in information. Primary data obtained through interviews and surveys are also limited in representing the hospital's service area as information was collected through convenience sampling. Secondary data is not specific to the hospital's primary service area. However, the report provides an opportunity to gauge and envision issues within a large geographic region.

H. Steering Committee Members

AHN Steering Committee	
AHN Allegheny General	Alex Matthews
AHN Allegheny Valley	Kimberly Giovanelli
AHN Canonsburg	Keith Zimmer
AHN Forbes	Krista Bragg
AHN Forbes	Kelly Wooddell
AHN Grove City	Dr. David Tupponce
AHN Jefferson	Erin Joyce
AHN Saint Vincent	Henry Ward
AHN West Penn	Robin Nitkulinec
AHN Westfield	Karen Surkala
AHN Westfield	Rodney Buchanan
AHN Wexford	Laurin Scanlon
AHN Neighborhood Hospitals	Julie Ferece
AHN Allegheny Clinic	Margaret Palumbo
AHN Cardiovascular Institute	Peggy McGowan
AHN Center for Inclusion Health	Kristin Lazzara
AHN Community Affairs	Nina Ferraro
AHN Community Affairs	Kannu Sahni
AHN Community Affairs	Amie Signorella
AHN Community Affairs	Nina Sexton
AHN Corporate Communications	Julie Emanuel
AHN Corporate Taxes	Jeff Manners
AHN Corporate Taxes	Bernard Azinon
AHN Development	Allie Quick
AHN Diversity, Equity & Inclusion (DEI)	Dr. Margaret Larkins-Pettigrew
AHN Diversity, Equity & Inclusion (DEI)	Veronica Villalobos
AHN Diversity, Equity & Inclusion (DEI)	Mark Jones
AHN Institute Planning	Michele Steigerwald
AHN Marketing	Manfred Woodall
AHN Marketing	Kelly Dennin
AHN Marketing	Jesse Miller
AHN Medicine Institute	Dr. Paul Lebovitz
AHN Nursing	Claire Zangerle
AHN Oncology	Crystal Ross
AHN Prehospital Services	Jonah Thompson
AHN Prehospital Services	Robert Twaddle
AHN Social Determinants of Health (SDOH)	Amanda Mihalko
AHN Social Determinants of Health (SDOH)	Mary Ann Matreselva
AHN Women & Children's Institute	Joan Washburn

I. Additional Information

With the conclusion of the CHNA, AHN and AHN Grove City will begin the implementation planning phase to identify and leverage AHN's collective strengths and resources to best address the communities' health needs.

For additional information about the CHNA and its specific findings, please contact Community Affairs at Highmark Health and Allegheny Health Network.

Kannu Sahni

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