



Cleveland Clinic
Hillcrest Hospital

Community Health Needs Assessment

2022

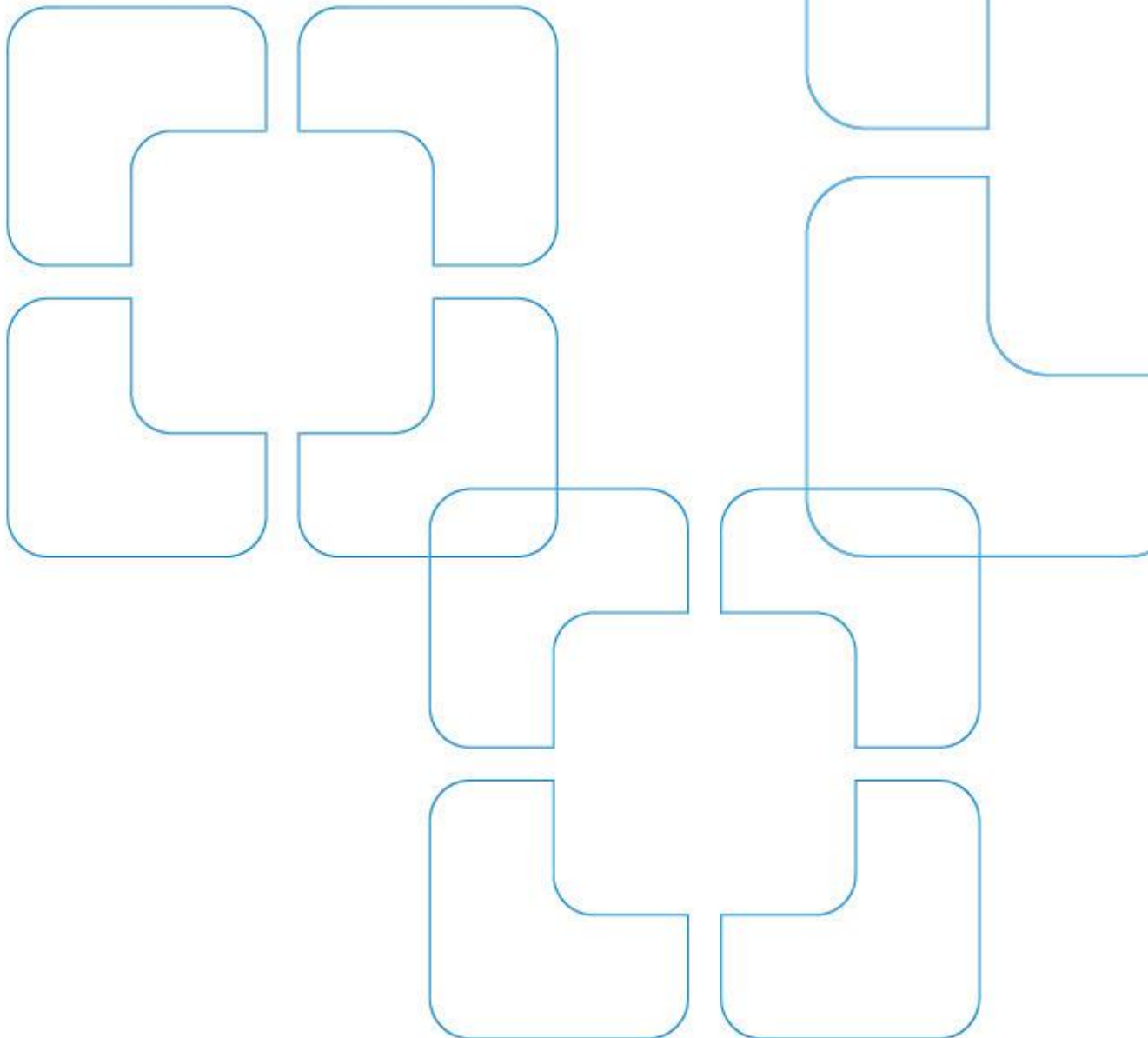


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Executive Summary

This Community Health Needs Assessment (CHNA) was conducted by Cleveland Clinic Hillcrest Hospital (the Hillcrest Hospital or “the hospital”) to identify significant community health needs and to inform development of an Implementation Strategy to address current needs in accordance with the Affordable Care Act¹.

Hillcrest Hospital has been nationally recognized 11 times as one of America’s 100 Top Hospitals®, a designation based on extensive research of U.S. hospitals, as conducted by Thomson Reuters. As a Cleveland Clinic Hospital, Hillcrest facility is linked to one of the most respected healthcare organizations in the world. With 462 staffed beds², renovations and expansion in the past several years have provided easier, faster access to healthcare, including: expanded Adult and Pediatric Emergency Departments, 103 new beds, 72 private rooms, family maternity center and Level III Neonatology Unit, Cleveland Clinic Neurological Institute, Comprehensive cardiac services and Comprehensive cancer care.

Additional information on the hospital and its services is available at:

http://my.clevelandclinic.org/locations_directions/RegionalLocations/Hillcresthospital.

The hospital is part of the Cleveland Clinic health system, which includes an academic medical center near downtown Cleveland, fourteen regional hospitals in northeast Ohio, a children’s hospital, a children’s rehabilitation hospital, five southeast Florida hospitals, and several other facilities and services across Ohio, Florida, and Nevada.

Cleveland Clinic is a global leader and model of healthcare for the future. We work as a team with the patient at the center of care. As a truly integrated healthcare delivery system, we take on the most complex cases and provide collaborative, multidisciplinary care supported with cutting-edge research and technology. We treat patients and fellow caregivers as family and Cleveland Clinic as our home. Our vision is to become the best place to receive healthcare anywhere, and the best place to work in healthcare. Our goals for achieving that are bold, but reachable: To serve more patients, create more value and improve the well-being of all caregivers. As we grow and double the number of patients served by 2024, everything we do and every place we are located will bear the unmistakable stamp of One Cleveland Clinic –with the same quality, experience and Care Priorities at every location.

Cleveland Clinic’s ability to provide world-class patient care and best-in-class clinicians is the product of our commitment to research and education, which has also contributed significant advancements toward the diagnosis and treatment of complex medical challenges. Figure 1 shows Our Care Priorities, which are to:³

- Care for Patients as if they are our own family

¹ Internal Revenue Service, Community Health Needs Assessment for Charitable Hospital Organizations – Section 501 (c) (3), <https://www.irs.gov/charities-non-profits/charitable-organizations/requirements-for-501c3-hospitals-under-the-affordable-care-act-section-501r>

² For the purpose of this report and consistent methodology, the Cleveland Clinic MD&A (Q4-2022) interim financial statement is referenced for official bed count. We acknowledge that staffed bed count may fluctuate and may differ from registered or licensed bed counts reflected in other descriptions.

³ The Cleveland Clinic Mission, Vision and Values <https://my.clevelandclinic.org/about/overview/who-we-are/mission-vision-values>

- Treat fellow caregivers as if they are our own family
- Be committed to the communities we serve
- Treat the organization as our home

Figure 1: The Cleveland Clinic Care Priorities



Caring for the Community

Caring for the community is a long-standing priority at Cleveland Clinic. As an anchor institution –a major employer and provider of services in the community –our goal is to create the healthiest community for everyone. We do this through actions and programs to heal, hire and invest for the future.

Cleveland Clinic is much more than a healthcare organization. We are part of the social fabric of the community, creating opportunities for those around us and making the communities we serve healthier. We are listening to our neighbors to understand their needs, now and in the future. The health of every individual affects the broader community.

According to the National Academy of Medicine, only 20% of a person’s health is related to the medical care they receive. There are other factors that have a lifelong impact, accounting for 80% of a person’s overall health.⁴ These social determinants of health are conditions in which people grow, work and live –including employment, education, food security, housing and several others.⁵

⁴ Magnan, S. Social Determinants of Health 101 for Healthcare: Five Plus Five, National Academy of Medicine. <https://nam.edu/social-determinants-of-health-101-for-health-care-five-plus-five/>

⁵ Social Determinants of Health, World Health Organization. https://www.who.int/health-topics/social-determinants-of-health#tab=tab_1

In order to address health disparities, we lead efforts in clinical and non-clinical programming, advocacy, partnerships, sponsorship and community investment. We are actively partnering with leaders to help strengthen community resources and mitigate the impact of disparities in social determinants of health. By engaging with partners who share our commitment, we can make a difference in creating a better, healthier community for everyone.⁶

Additional information about Cleveland Clinic is available at:
<https://my.clevelandclinic.org/>.

Each Cleveland Clinic hospital also is dedicated to the communities it serves. Each Cleveland Clinic hospital conducts a CHNA to understand and plan for the current and future health needs of residents and patients in the communities it serves. The CHNAs inform the development of strategies designed to improve community health, including initiatives designed to address social determinants of health.

These assessments are conducted using widely accepted methodologies to identify the significant health needs of a specific community. The assessments also are conducted to comply with federal and state laws and regulations including IRS requirements for 501(c)(3) Hospitals under the Affordable Care Act⁷.

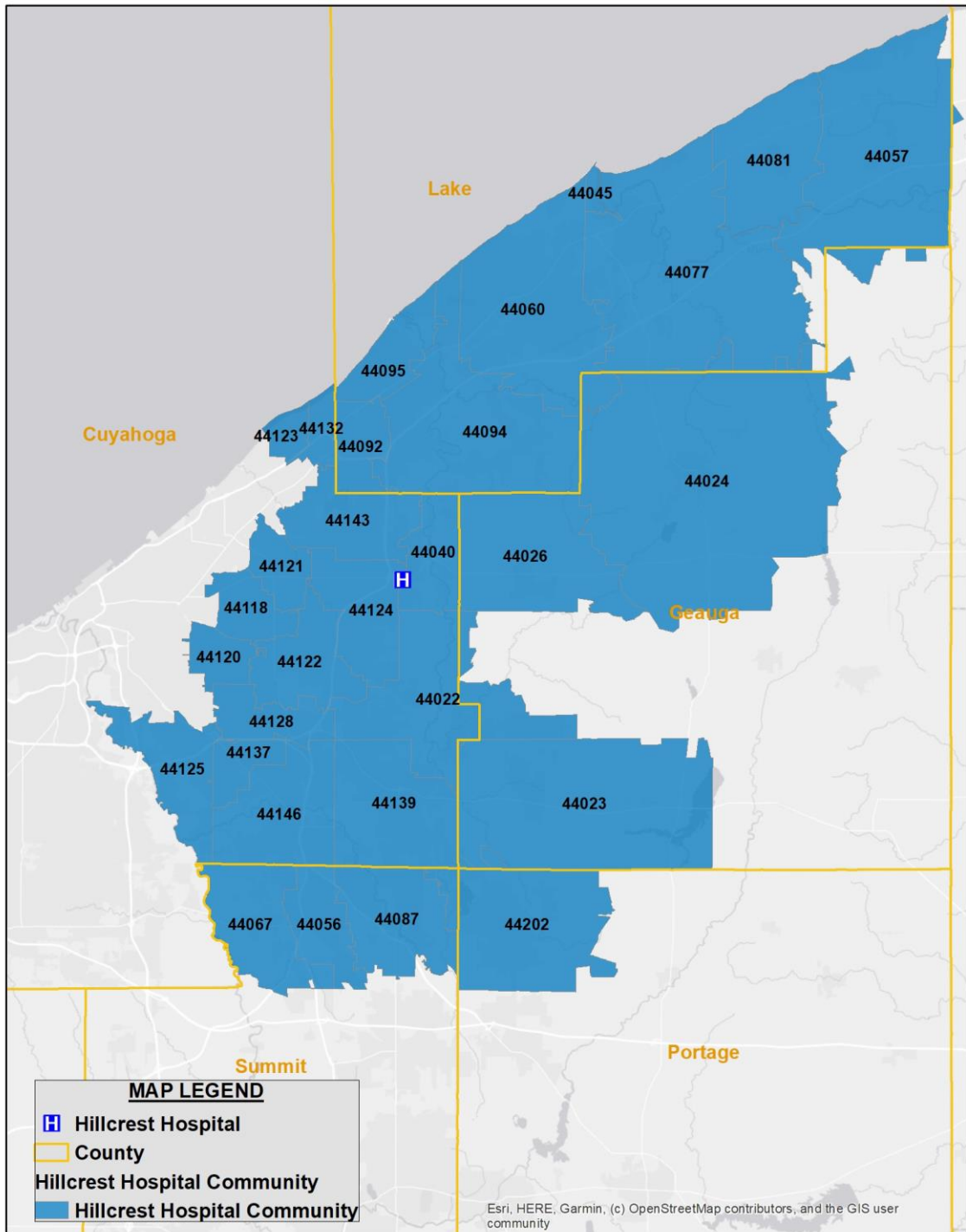
Community Definition

The community definition describes the zip codes where approximately 75% of Hillcrest Hospital patients reside. Figure 2 shows the service area for the Hillcrest Hospital Community. A table with zip codes and the associated postal names that comprise the community definition is located in [Appendix C](#).

⁶ Cleveland Clinic, Community Commitment, <https://my.clevelandclinic.org/about/community#:~:text=Caring%20for%20the%20community%20is,and%20invest%20for%20the%20future>.

⁷ Internal Revenue Service, Requirements for 501 (c) (3) Hospitals Under the Affordable Care Act – Section 501 (r), <https://www.irs.gov/charities-non-profits/charitable-organizations/requirements-for-501c3-hospitals-under-the-affordable-care-act-section-501r>

Figure 2: Hillcrest Hospital Community Definition



Secondary Data Summary

Secondary data used for this assessment were collected and analyzed from Conduent Healthy Communities Institute's (HCI) community indicator database. The database, maintained by researchers and analysts at HCI, includes 300 community indicators

covering at least 28 topics in the areas of health, social determinants of health, and quality of life. The data are primarily derived from state and national public secondary data sources. The value for each of these indicators is compared to other communities, nationally set targets and to previous time periods.

Due to variability in which public health data sets are available, data within this report may be presented at various geographic levels:

- The Hillcrest Hospital Community Definition—an aggregate of the 31 zip codes described in the Community Definition.
- Cuyahoga, Lake, Summit, Geauga, and Portage Counties—the four counties comprising the Hillcrest Hospital Community Definition

Primary Data Summary

Qualitative data collected from community members through key stakeholder interviews and a community engagement session comprised the primary data component of the CHNA and helped to inform selection of the significant health needs.

Conduent Healthy Communities Institute interviewed 20 key stakeholders from a diverse spectrum of community-based organizations and public health departments. To provide additional support and corroboration of vital community input, The Cleveland Clinic Foundation and Conduent Healthy Communities Institute facilitated a community engagement session featuring the Hillcrest Hospital Community Advisory Council (CAC) members. During the session, CAC members offered perspectives on the most important health problems in the community, barriers and challenges to improving health, identified the most underserved populations, discussed potential solutions to health challenges faced and offered success stories from existing program implementation.

Prioritized Health Needs

Following a comprehensive review of the significant community health needs throughout the Cleveland Clinic Health System, analysis of local county and state needs assessments and emerging trends, the following priority health needs were identified:

- Access to Healthcare
- Behavioral Health
- Chronic Disease Prevention and Management
- Maternal and Child Health
- Socioeconomic Issues



Access to Healthcare

Access to Healthcare secondary data analysis results describe community needs related to consumer expenditures for insurance, medical expenses, medicines and other supplies. With more expansive parameters, primary data describes limitations to accessing

healthcare described in terms of transportation challenges, resource limitations and availability of primary care and other prevention services in local neighborhoods.



Behavioral Health

Behavioral Health encompasses two subtopics—Mental Health and Substance Use Disorder—into a single health need. Mental health secondary data indicators define suicide, Alzheimer’s disease, depression and self-reported poor mental health rates. Similarly, Substance Use Disorder data outline rates related to alcohol and drug use including mortality rates due to drug overdoses. Primary data links the two together as community members and key stakeholders describe mental health challenges in the community, exacerbated by COVID-19 related stressors, resulting in increased alcohol and drug use starting in adolescence as a means of coping.



Chronic Disease Prevention and Management

This health topic encompasses several subtopics where information is available including Older Adult Health; Nutrition and Healthy Eating; Cancer; Chronic Diseases; Diabetes; Heart Disease and Stroke; and COVID-19. By addressing these issues in concert, the Cleveland Clinic Foundation hopes to impact chronic disease rates including those described in the Synthesis and Prioritization section of this report (page 36).



Maternal and Child Health

Maternal and Child Health has been a continuing health need in the community with a focus on Children’s Health, Women’s Health and Maternal, Fetal and Infant health. Secondary data indicators include a range of children’s health needs from babies with low birth weight to consumer expenditures on childcare. Primary data describes disparities among low-income and ethnic minority and refugee populations and link access to healthcare with pre-natal care.



Socioeconomic Issues

Socioeconomic Issues for this report are defined as a subset of social determinants of health (SDOH). Prevention & Safety, Affordable Housing, Violence, Falls and Environmental Issues were the prioritized health needs described by primary and secondary data.

Additional Community Health Themes

In addition to the Prioritized Health Needs, other themes were prevalent in considering community health. These themes are intertwined in all community health components and impact multiple areas of community health strategies and delivery.



Health Equity

Health Equity issues in our communities were illuminated by COVID-19. They focus on the fair distribution of health determinants, outcomes and resources across communities.⁸ Health Equity and reduction of health disparities are indicated as overarching themes in all our prioritized needs. It is described in detail and specifically as it relates to the Hillcrest Hospital Community in both the Disparities and Health Equity section (page 27) of the report as well as in the Synthesis and Prioritization section (page 36). Special consideration will be given to addressing prioritized health needs through a health equity lens in the Hillcrest Hospital implementation strategy report.



Social Determinants of Health

Social determinants of health (SDOH) are the conditions in the environment where people are born, live, learn, work, play, worship and age that affect a wide range of health, functioning and quality of life outcomes and risks. Social determinants of health (SDOH) are major drivers of behaviors that impact individual and community health outcomes. For a full description of social determinants of health (SDOH) see the highlighted demographic section entitled Social & Economic Determinants of Health.



Medical Research and Health Professions Education

Cleveland Clinic has a tripartite mission to care for the sick and to improve patient care through research and education. Through research we discover cures and treatment of diseases affecting our communities. This cross-cutting issue was evident in addressing the emergent pandemic of COVID 19. Our education programs train qualified healthcare providers to support the needs of our patients and communities, reducing healthcare access issues. This has been of historical importance to the work, care and mission of Cleveland Clinic and will continue to be incorporated as Hillcrest Hospital moves toward development of the implementation strategy report.

⁸ Klein R, Huang D. Defining and measuring disparities, inequities, and inequalities in the Healthy People initiative. National Center for Health Statistics. Center for Disease Control and Prevention. https://www.cdc.gov/nchs/ppt/nchs2010/41_klein.pdf

COMMUNITY HEALTH NEEDS ASSESSMENT

Hillcrest Hospital

Prioritized Health Needs



Access to
Healthcare



Behavioral Health



Chronic Disease
Prevention &
Management



Maternal and
Child Health



Socioeconomic
Issues

Process



Additional Community Health Themes

Health Equity

Health Equity focuses on the fair and just distribution of health determinants, outcomes, and resources across communities.



Systemic racism
Poverty
Gender discrimination



Poorer health outcomes for groups such as Black persons, Hispanic or Latino persons, Indigenous communities, people experiencing poverty and LGBTQ+ communities.

Social Determinants of Health

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



Source: Healthy People 2030, U.S. Department of Health and Human Services, Office of Disease Prevention and Health Promotion

Medical Research and Health Professions Education

Cleveland Clinic has a tripartite mission to care for the sick and to improve patient care through research and education.



Through research we discover cures and treatment of diseases affecting our communities.



Our education programs train qualified healthcare providers to support the needs of our patients and communities, reducing healthcare access issues.

Demographics of the Hillcrest Hospital Community

The demographics of a community significantly impact its health profile.⁹ Different racial, ethnic, age, and socioeconomic groups may have unique needs and require varied approaches to health improvement efforts. The following section explores the demographic profile of the community residing in the Hillcrest Hospital Community Definition.

Geography and Data Sources

Data are presented in this section at the geographic level of the Hillcrest Hospital Community Definition. Comparisons to the county, state, and national value are also provided when available. All demographic estimates are sourced from Claritas Pop-Facts® (2022 population estimates) and American Community Survey¹⁰ one-year (2019) or five-year (2015-2019) estimates unless otherwise indicated.

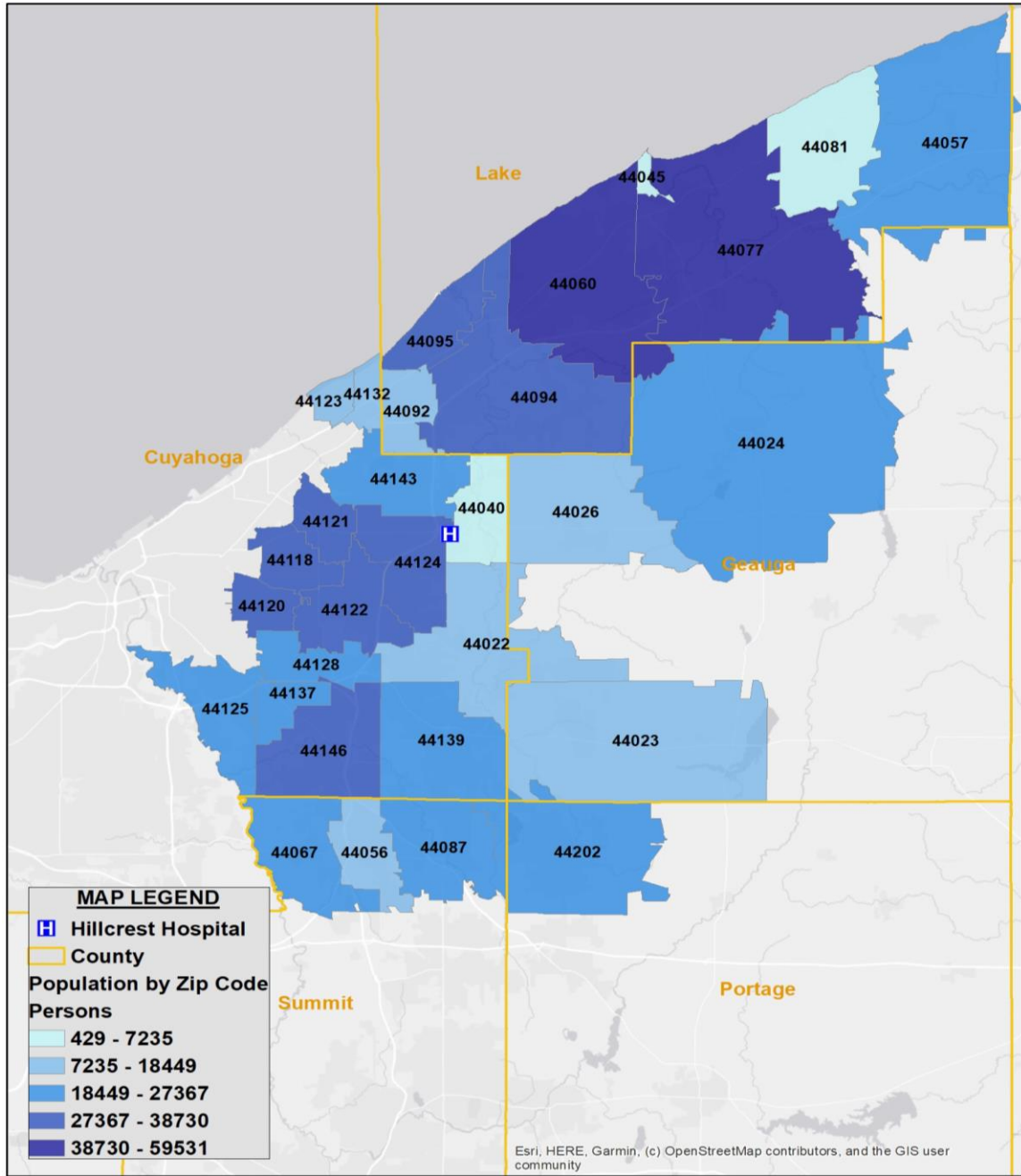
Population

According to the 2022 Claritas Pop-Facts® population estimates, the Hillcrest Hospital community has an estimated population of 770,224 persons. Figure 3 shows the population size by each zip code, with the darkest blue representing the zip codes with the largest population. Appendix C provides the actual population estimates for each zip code. The most populated zip code area within the Hillcrest Hospital Community is zip code 44060 (Lake) with a population of 59,531.

⁹ National Academies Press (US); 2002. 2, Understanding Population Health and Its Determinants. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK221225/>

¹⁰ American Community Survey. <https://www.census.gov/programs-surveys/acs>

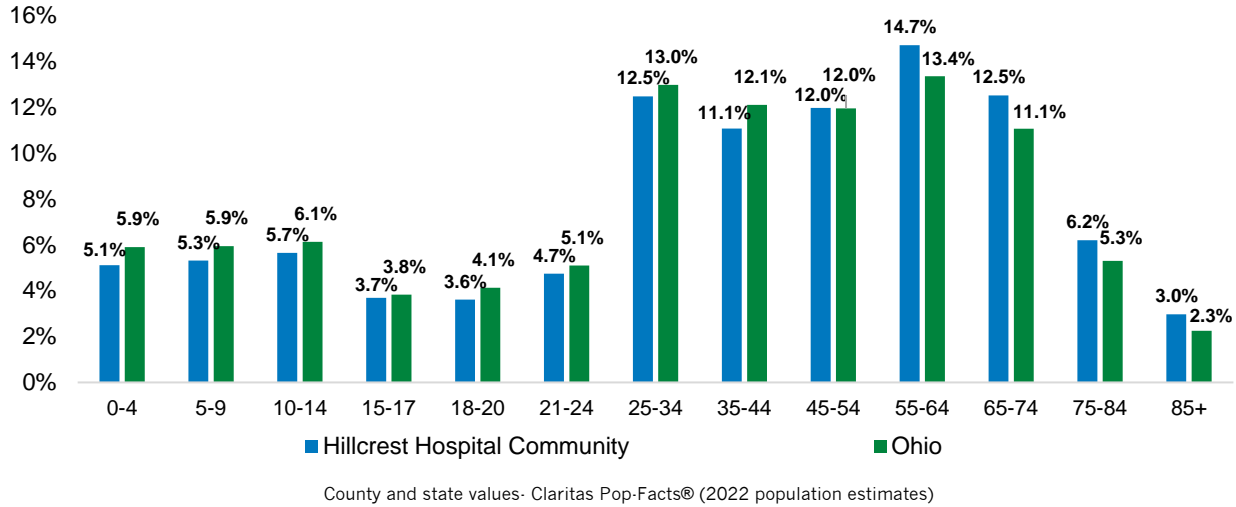
Figure 3: Population by Zip Code



Age

Children (0-17) comprised 19.8% of the population in the Hillcrest Hospital Community which is less when compared to the state of Ohio (21.8%). The Hillcrest Hospital Community has a higher proportion of residents aged 65+ 21.7% when compared with the state of Ohio at (18.6%). Figure 4 shows further breakdown of age categories.

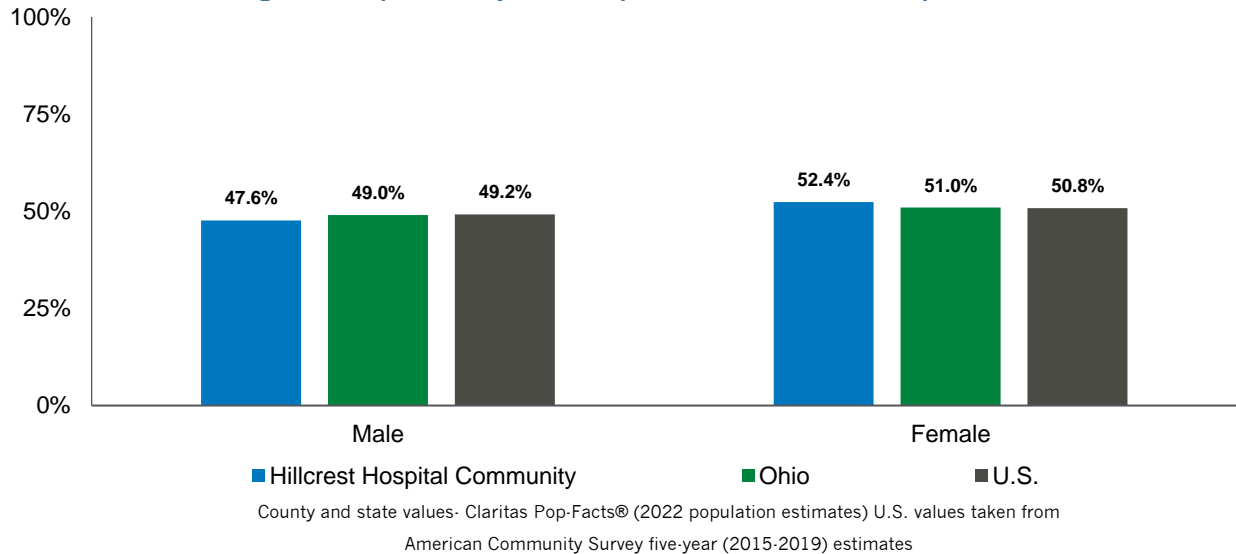
Figure 4: Population by Age: Hospital and State Comparisons



Sex

Figure 5 shows the population of the Hillcrest Hospital comprise 52.4% of the population in the Hillcrest Hospital Community which is greater than Ohio (51.0%) and the U.S. (50.8%) values.

Figure 5: Population by Sex: Hospital, State, and U.S. Comparisons

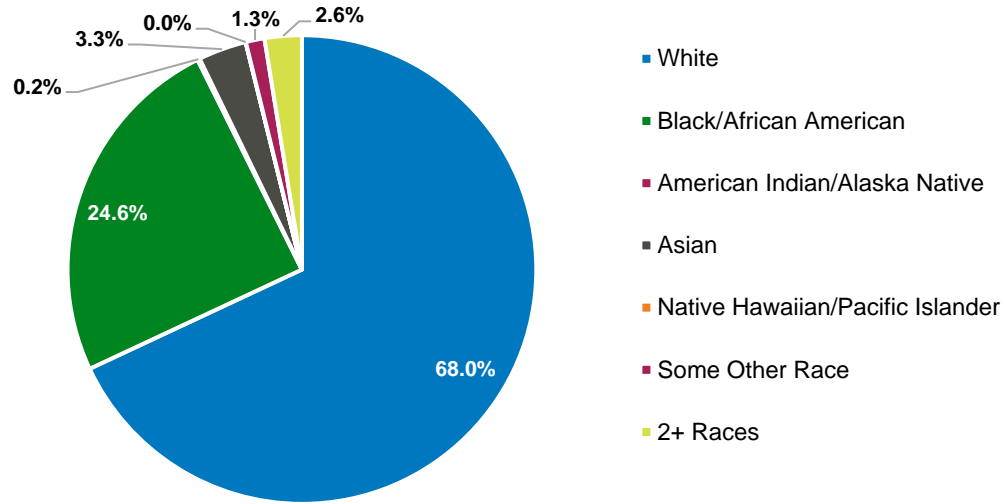


Race and Ethnicity

Race and ethnicity contribute to the opportunities individuals and communities have to be healthy. The racial and ethnic composition of a population is also important in planning for future community needs, particularly for schools, businesses, community centers, healthcare, and childcare.

The racial makeup of Hillcrest Hospital area shows 68.0% of the population identifying as White, as indicated in Figure 6. The proportion of Black/African American community members is the second largest of all races in the Hillcrest Hospital Community at 24.6%.

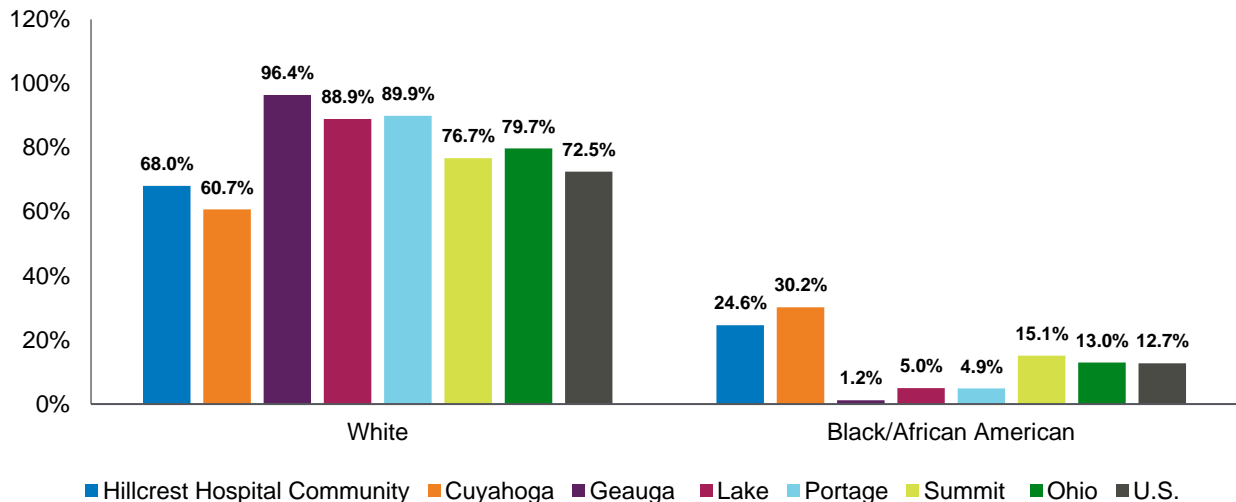
Figure 6: Population by Race: The Hillcrest Hospital Community



County values- Claritas Pop-Facts® (2022 population estimates)

Those community members identifying as White represent a lower proportion of the population in the Hillcrest Hospital Community (68.0%) when compared to Ohio (79.7%) and the U.S. (72.5%), while Black/African American community members represent a higher proportion of population in the Hillcrest Hospital Community (24.6%) when compared to Ohio (13.0%) and the U.S. (12.7%). Cuyahoga County has the largest percentage of community members identifying as Black/African American (30.2%) compared to the other counties included in the Hillcrest Hospital Community Definition. (Figure 7)

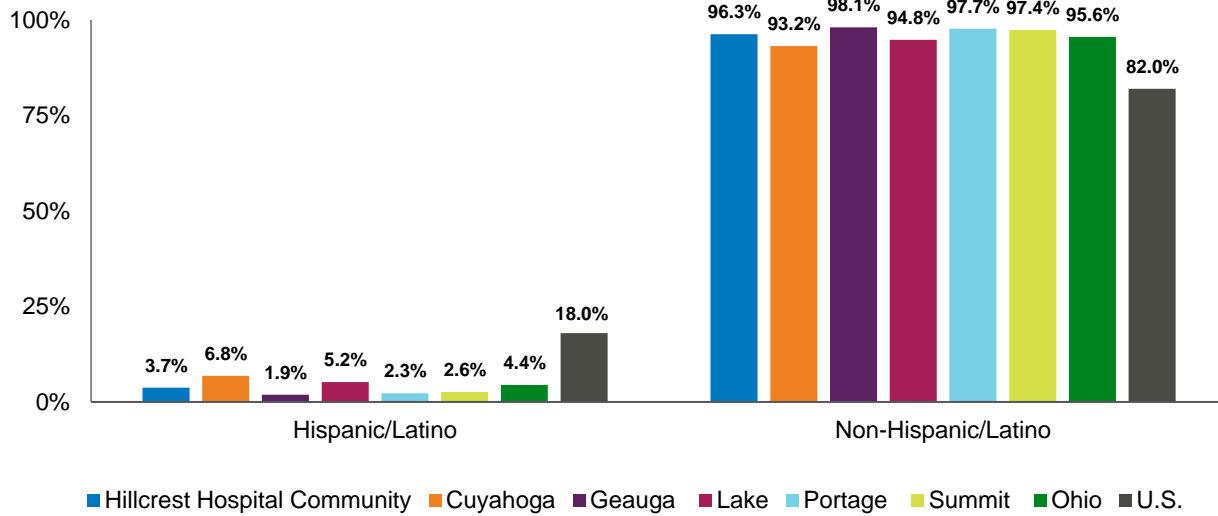
Figure 7: Population by Race: The Hillcrest Hospital Community, County, State, and U.S. Comparisons



County and state values- Claritas Pop-Facts® (2022 population estimates), U.S. values taken from American Community Survey five-year (2016-2020) estimates

As shown in Figure 8, 3.7% of the population in the Hillcrest Hospital Community identify as Hispanic/Latino. This is a smaller proportion of the population when compared to both Ohio (4.4%) and the U.S. (18.0%). Cuyahoga County has the largest percentage of community members who identify as Hispanic/Latino (6.8%).

Figure 8: Population by Ethnicity: Hospital, County, State, and U.S. Comparisons



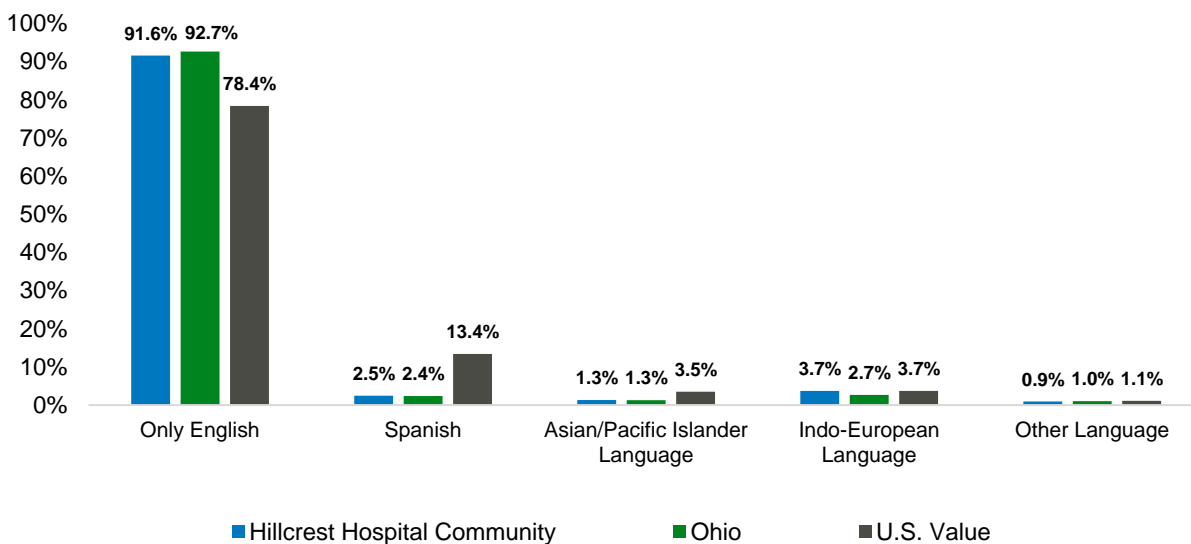
County and state values- Claritas Pop-Facts® (2022 population estimates), U.S. values taken from American Community Survey five-year (2015-2019) estimates

Language and Immigration

Understanding countries of origin and language spoken at home can help inform the cultural and linguistic context for the health and public health system.

In the Hillcrest Hospital Community, 91.6% of the population age five and older speak only English at home, which is lower than the state value of 92.7% but higher than the national value of 78.4% (Figure 9). This data indicates that 2.5% of the population in the Hillcrest Hospital Community speak Spanish, 1.3% speak an Asian/Pacific Islander language, 3.7% speak an Indo-European Language, and 0.9% speak Other Languages at home.

Figure 9: Population 5+ by Language Spoken at Home: Hospital, State, and U.S. Comparisons



County and state values- Claritas Pop-Facts® (2022 population estimates), U.S. values taken from American Community Survey five-year (2015-2019) estimates

Highlighted Demographics: Social & Economic Determinants of Health

This section explores the economic, environmental, and social determinants of health impacting the Hillcrest Hospital Community. The social determinants of health are the non-medical factors that influence health outcomes. They are the conditions in which people are born, grow, work, live, and age, and the wider set of forces and systems shaping the conditions of daily life. These forces and systems include economic policies and systems, development agendas, social norms, social policies, and political systems¹¹. The Social Determinants of Health (SDOH) can be grouped into five domains. Figure 10 shows the Healthy People 2030 Social Determinants of Health domains¹².

Figure 10: Healthy People 2030 Social Determinants of Health Domains



Geography and Data Sources

Data in this section are presented at various geographic levels (zip code and/or county) depending on data availability. When available, comparisons to county, state, and/or national values are provided. It should be noted that county level data can sometimes mask what could be going on at the zip code level in many communities. While indicators may be strong when examined at a higher level, zip code level analysis can reveal disparities.

¹¹ World Health Organization. Social Determinants of Health. https://www.who.int/health-topics/social-determinants-of-health#tab=tab_1

¹² Healthy People 2030, 2022. Social Determinants of Health Domains. <https://health.gov/healthypeople/priority-areas/social-determinants-health>

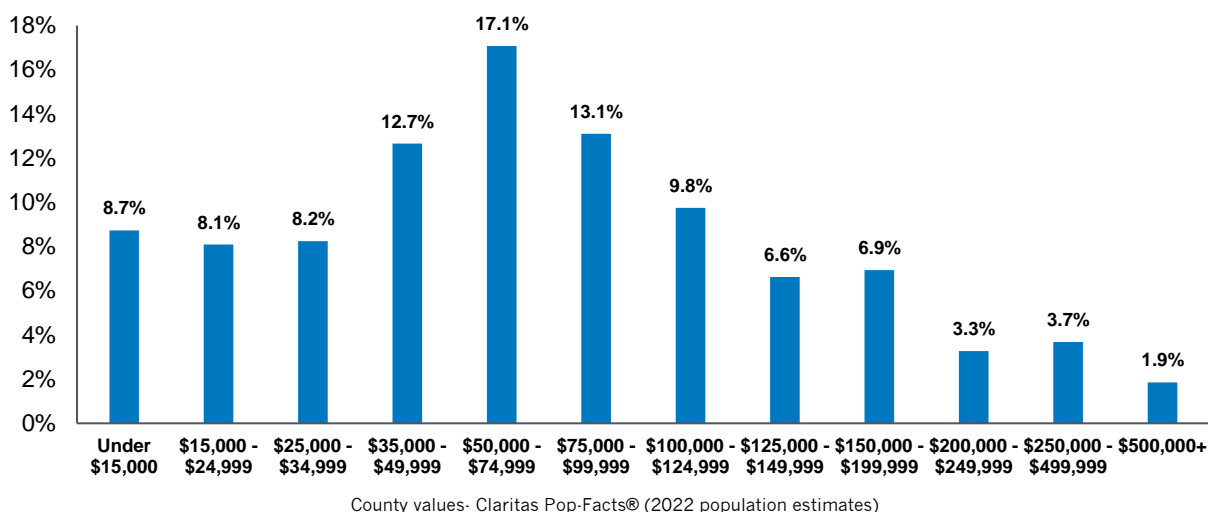
All demographic estimates are sourced from Claritas Pop-Facts® (2022 population estimates) and American Community Survey one-year (2019) or five-year (2015-2019) estimates unless otherwise indicated.

Income

Income has been shown to be strongly associated with morbidity and mortality, influencing health through various clinical, behavioral, social, and environmental factors. Those with greater wealth are more likely to have higher life expectancy and reduced risk of a range of health conditions including heart disease, diabetes, obesity, and stroke. Poor health can also contribute to reduced income by limiting one’s ability to work.¹³

Figure 11 provides a breakdown of households by income in the Hillcrest Hospital Community Definition. A household income of \$50,000 - \$74,999 is shared by the largest proportion of households in the Hillcrest Hospital Community (17.1%). Households with an income of less than \$15,000 make up 8.7% of households in the Hillcrest Hospital Community.

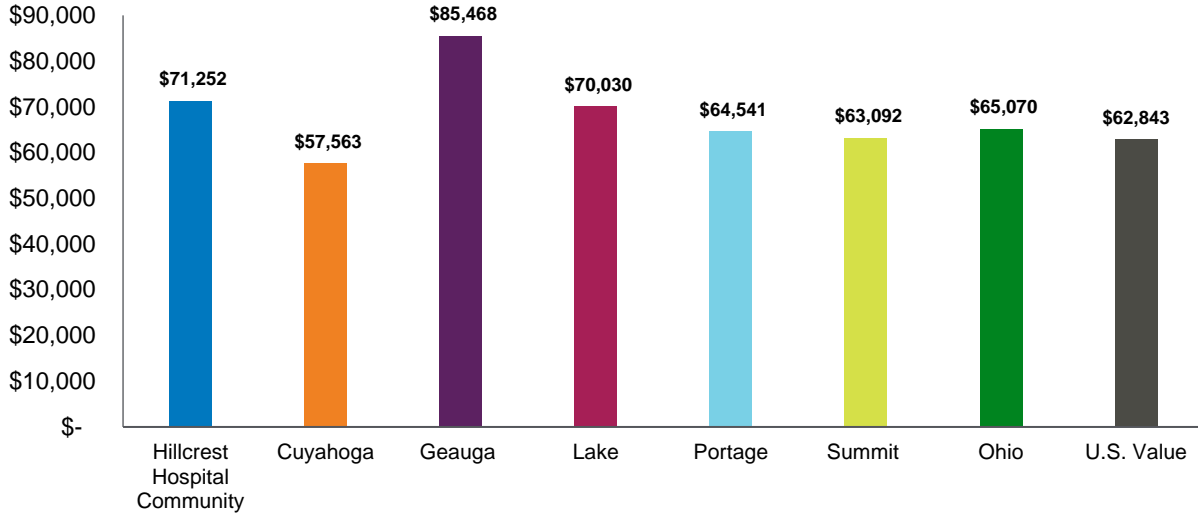
Figure 11: Households by Income: The Hillcrest Hospital Community



The median household income for the Hillcrest Hospital Community is \$71,252, which is higher than the state value of \$65,070 and national value of \$62,843 (Figure 12).

¹³ Robert Wood Johnson Foundation. Health, Income, and Poverty. <https://www.rwjf.org/en/library/research/2018/10/health--income-and-poverty-where-we-are-and-what-could-help.html>

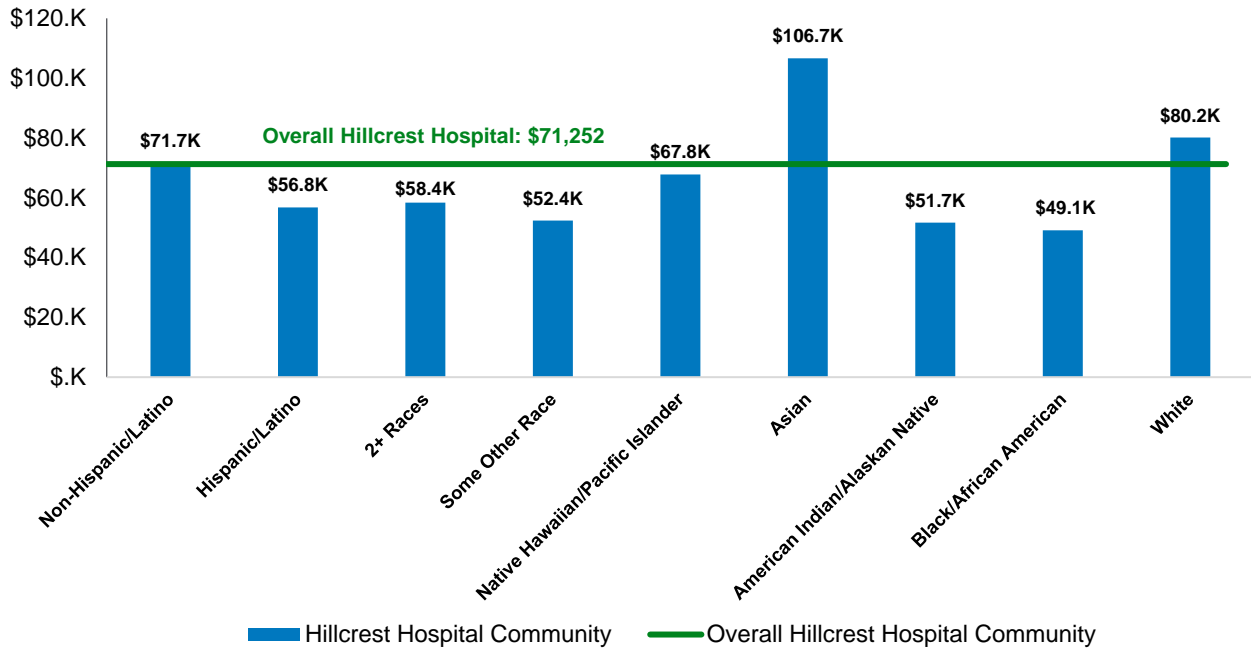
Figure 12: Household Income by: Hospital, County, State, and U.S. Comparisons



County and state values- Claritas Pop-Facts® (2022 population estimates), U.S. values taken from American Community Survey five-year (2015-2019) estimates

Figure 13 shows the median household income by race and ethnicity. Three racial/ethnic groups – White, Asian, and Non-Hispanic/Latino– have median household incomes above the overall median value. All other races have incomes below the overall value, with the Black/African American population having the lowest median household income at \$49,108.

Figure 13: Median Household Income by Race/Ethnicity: The Hillcrest Hospital Community



County values- Claritas Pop-Facts® (2022 population estimates)

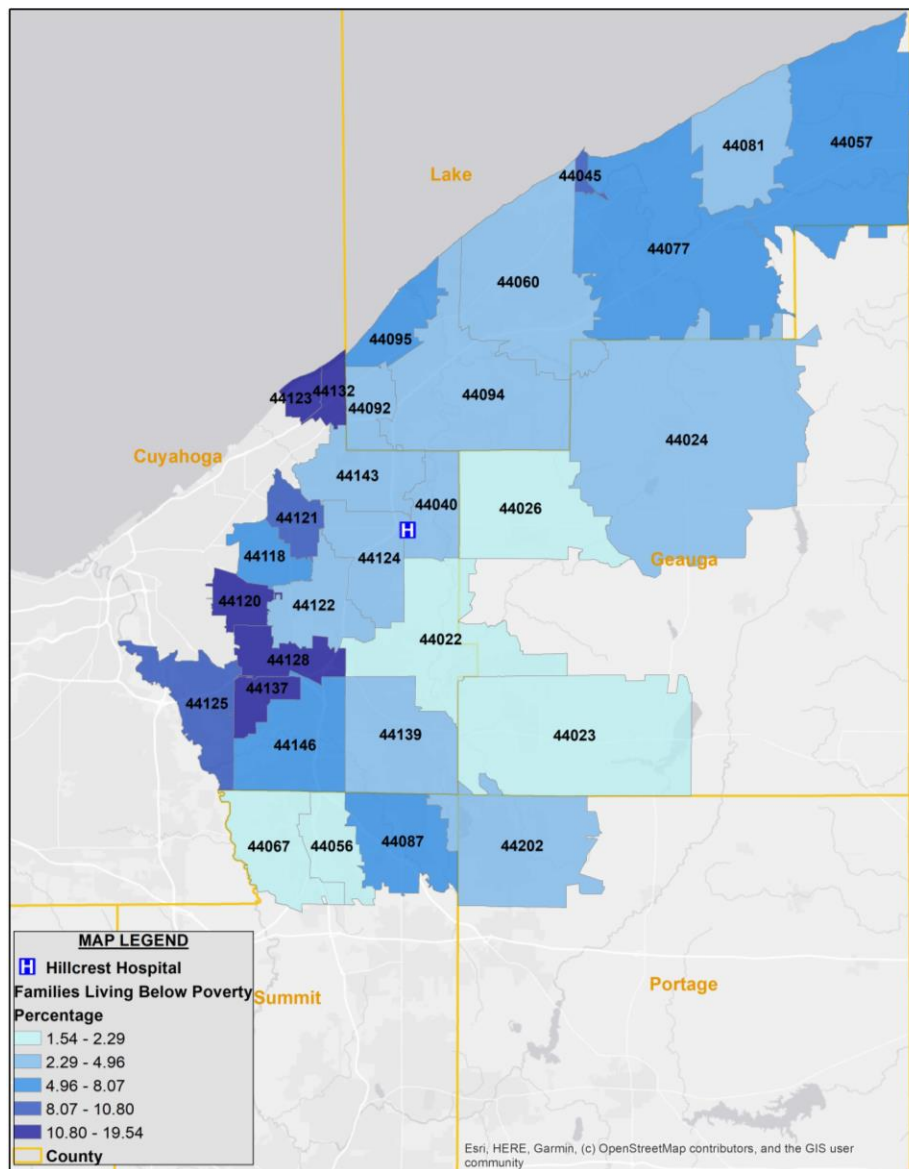
Poverty

Federal poverty thresholds are set every year by the Census Bureau and vary by size of family and ages of family members. People living in poverty are less likely to have access

to healthcare, healthy food, stable housing, and opportunities for physical activity. These disparities mean people living in poverty are more likely to experience poorer health outcomes and premature death from preventable diseases.¹⁴

Figure 14 shows the percentage of families living below the poverty level by zip code. The darker blue colors represent a higher percentage of families living below the poverty level, with zip codes 44128 (Cleveland) and 44120 (Cleveland) having the highest percentages at 19.54% and 16.4%, respectively. Overall, 7.6% of families in the Hillcrest Hospital Community live below the poverty level, which is lower than both the state value of 9.6% and the national value of 9.5%. The percentage of families living below poverty for each zip code in the Hillcrest Hospital Community is provided in Appendix C

Figure 14: Families Living Below Poverty



County values- Claritas Pop-Facts® (2022 population estimates)

¹⁴ U.S. Department of Health and Human Services, Healthy People 2030. <https://health.gov/healthypeople/objectives-and-data/browse-objectives/economic-stability/reduce-proportion-people-living-poverty-sdoh-01>

Employment

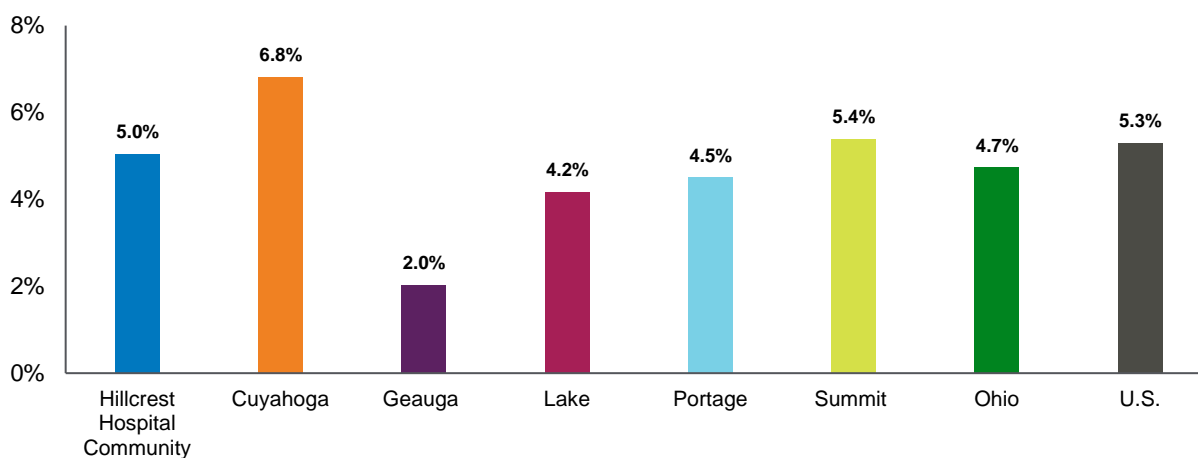
A community's employment rate is a key indicator of the local economy. An individual's type and level of employment impacts access to healthcare, work environment, health behaviors, and health outcomes. Stable employment can help provide benefits and conditions for maintaining good health. In contrast, poor or unstable work and working conditions are linked to poor physical and mental health outcomes.¹⁵

Unemployment and underemployment can limit access to health insurance coverage and preventive care services. Underemployment is described as involuntary part-time employment, poverty-wage employment, and insecure employment.¹⁵

Type of employment and working conditions can also have significant impacts on health. Work-related stress, injury, and exposure to harmful chemicals are examples of ways employment can lead to poorer health.¹⁵

Figure 15 shows the population aged 16 and over who are unemployed. The unemployment rate for the Hillcrest Hospital Community is 4.7%, which is same as the state value of 4.7% and lower than the national value of 5.3%.

Figure 15: Population 16+ Unemployed: Hospital, County, State, and U.S. Comparisons



County and state values- Claritas Pop-Facts® (2022 population estimates), U.S. values taken from American Community Survey five-year (2015-2019) estimates

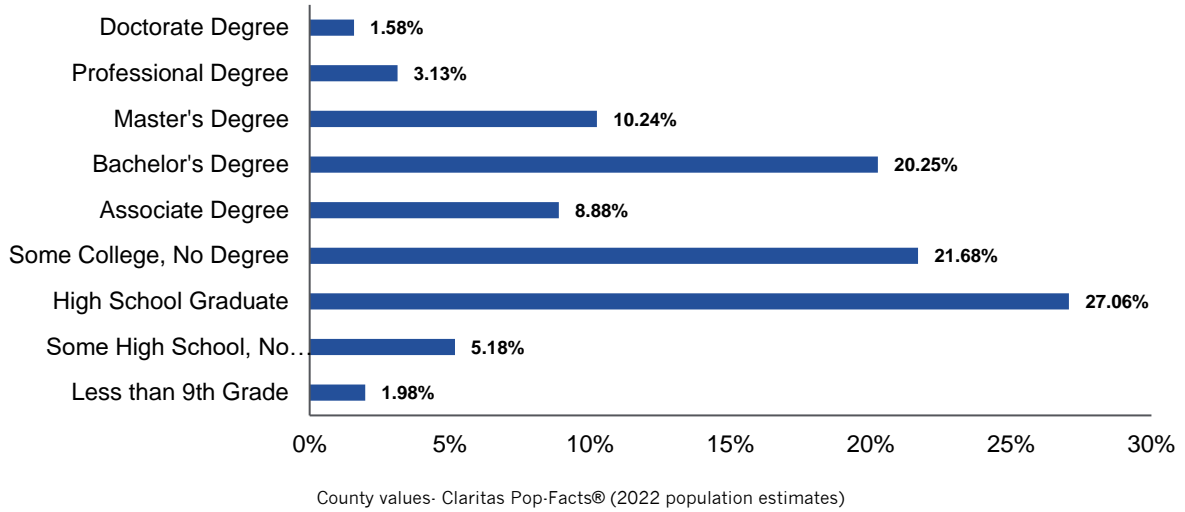
Education

Education is an important indicator for health and wellbeing. Education can lead to improved health by increasing health knowledge, providing better job opportunities and higher income, and improving social and psychological factors linked to health. People with higher levels of education are likely to live longer, to experience better health outcomes, and practice health-promoting behaviors.¹⁶ Figure 16 shows the percentage of the population 25 years or older by educational attainment.

¹⁵ U.S. Department of Health and Human Services, Healthy People 2030. <https://health.gov/healthypeople/objectives-and-data/social-determinants-health/literature-summaries/employment>

¹⁶ Robert Wood Johnson Foundation, Education and Health. <https://www.rwjf.org/en/library/research/2011/05/education-matters-for-health.html>

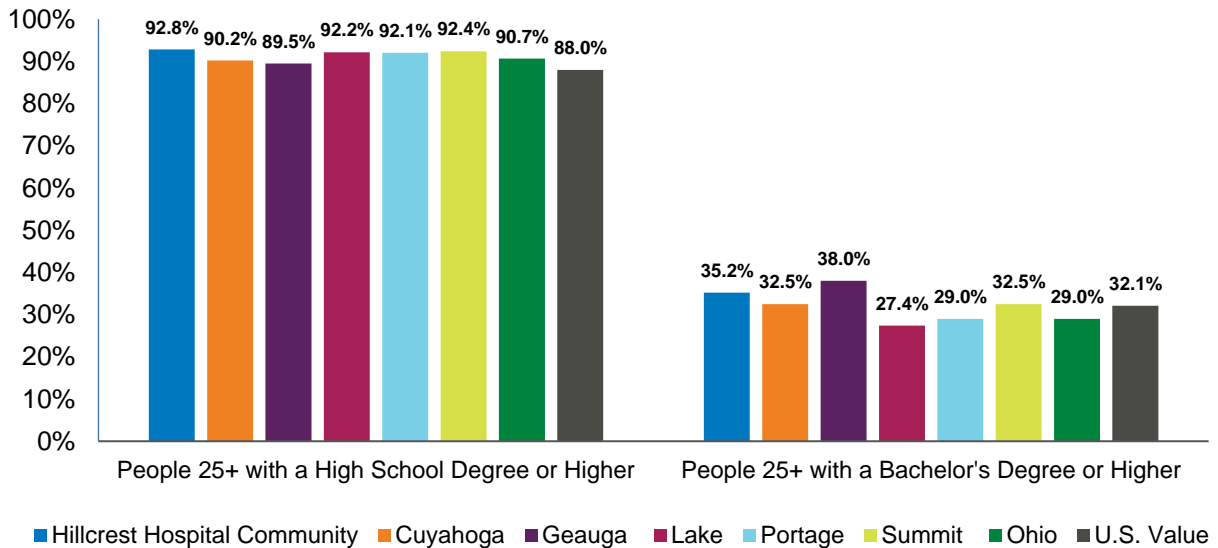
Figure 16: Population 25+ by Education Attainment: The Hillcrest Hospital Community



Another indicator related to education is on-time high school graduation. A high school diploma is a requirement for many employment opportunities and for higher education. Not graduating high school is linked to a variety of negative health impacts, including limited employment prospects, low wages, and poverty.¹⁷

Figure 17 shows that the Hillcrest Hospital Community has a higher percentage of residents with a high school degree or higher (92.8%) and bachelor's degree or higher (35.2%) when compared to the state of Ohio value (90.7% and 29.0%) and the U.S. value (88.0% and 32.1%) respectively.

Figure 17: Population 25+ by Education Attainment: Hospital, County, State, and U.S. Comparisons



County and state values- Claritas Pop-Facts® (2022 population estimates), U.S. values taken from American Community Survey five-year (2015-2019) estimates

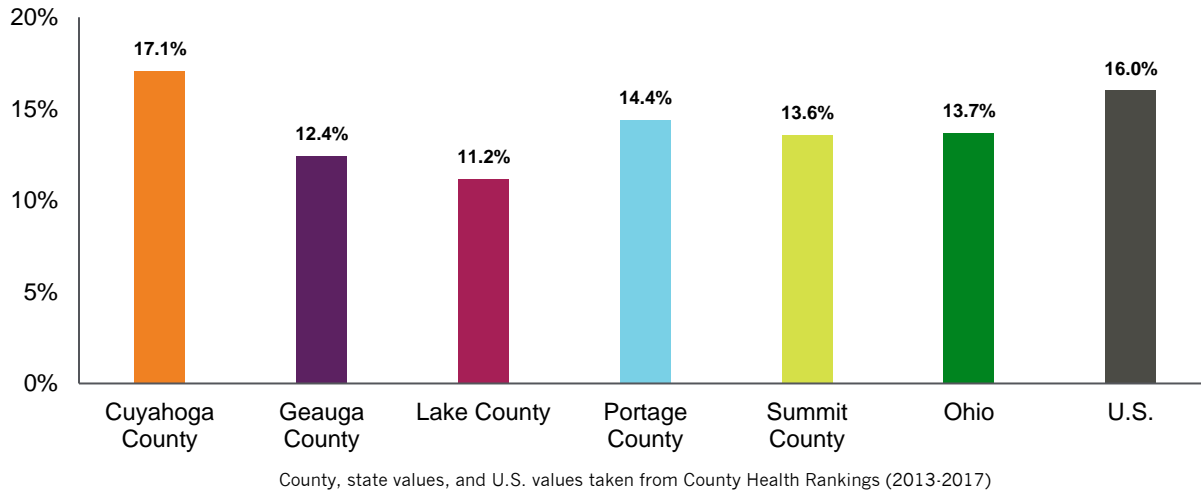
¹⁷ U.S. Department of Health and Human Services, Healthy People 2030. <https://health.gov/healthypeople/objectives-and-data/social-determinants-health/literature-summaries/high-school-graduation>

Housing

Safe, stable, and affordable housing provides a critical foundation for health and wellbeing. Exposure to health hazards and toxins in the home can cause significant damage to an individual or family's health.¹⁸

Figure 18 shows the percentage of houses with severe housing problems. This indicator measures the percentage of households with at least one of the following problems: overcrowding, high housing costs, lack of kitchen, or lack of plumbing facilities. Cuyahoga County has the highest percentage of houses with severe housing problems.

Figure 18: Severe Housing Problems: County, State, And U.S. Comparisons



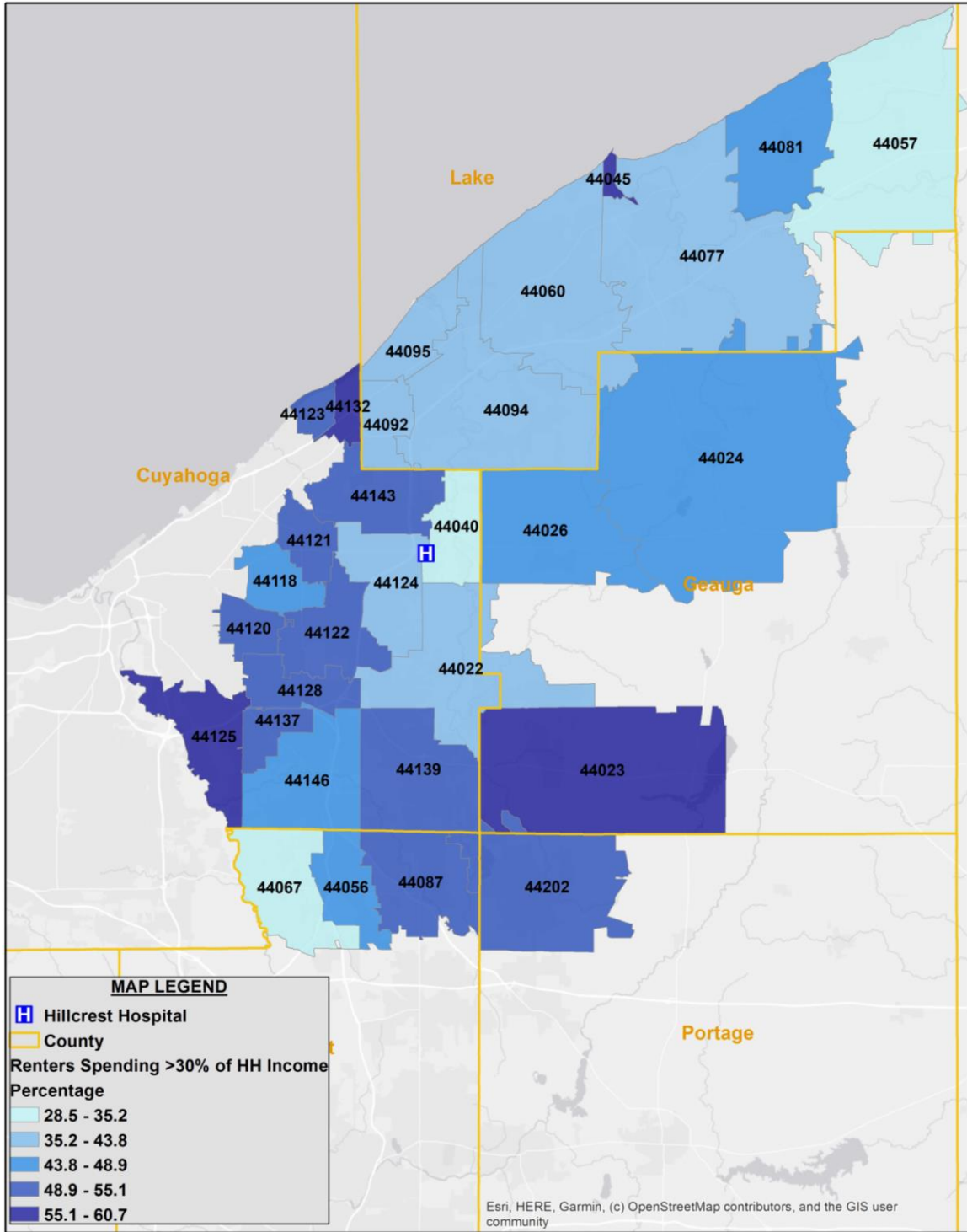
When families must spend a large portion of their income on housing, they may not have enough money to pay for things like healthy foods or healthcare. This is linked to increased stress, mental health problems, and an increased risk of disease.¹⁹

Figure 19 shows the percentage of renters who are spending 30% or more of their household income on rent.

¹⁸ County Health Rankings, Housing and Transit. <https://www.countyhealthrankings.org/explore-health-rankings/measures-data-sources/county-health-rankings-model/health-factors/physical-environment/housing-and-transit>

¹⁹ U.S. Department of Health and Human Services, Healthy People 2030. <https://health.gov/healthypeople/objectives-and-data/browse-objectives/housing-and-homes/reduce-proportion-families-spend-more-30-percent-income-housing-sdoh-04>

Figure 19: Renters Spending 30% Or More Of Household Income on Rent



County values- American Community Survey five-year (2015-2019) estimates

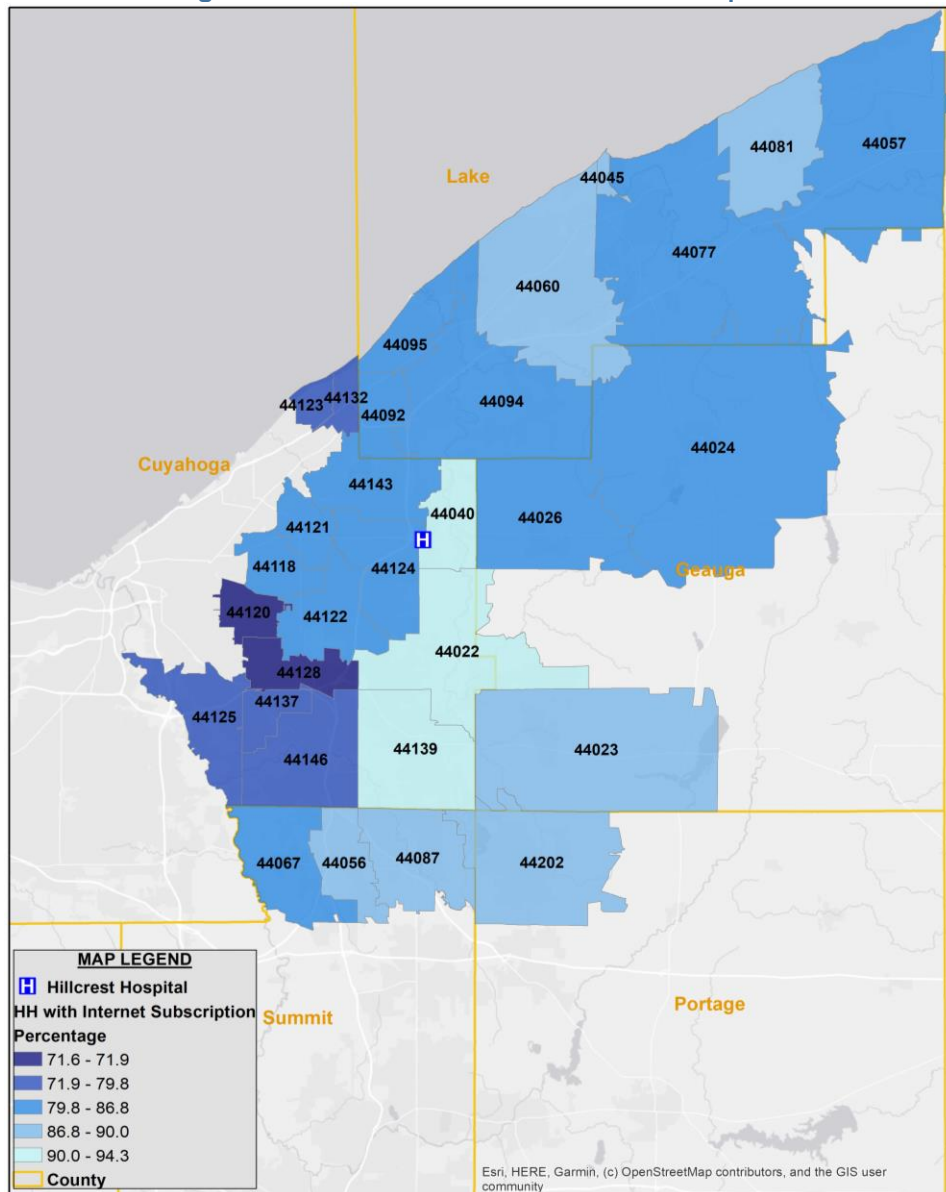
Neighborhood and Built Environment

Internet access is essential for basic healthcare access, including making appointments with providers, getting test results, and accessing medical records. Access to the internet is also increasingly essential for obtaining home-based telemedicine services.²⁰

Internet access may also help individuals seek employment opportunities, conduct remote work, and participate in online educational activities.²⁰

Figure 20 shows the percentage of households that have an internet subscription. 44128 (Cleveland) has the least percentage of households with internet connection, represented by darkest shade of blue on the map.

Figure 20: Households with an Internet Subscription



County values- American Community Survey five-year (2015-2019) estimates

²⁰ U.S. Department of Health and Human Services, Healthy People 2030. <https://health.gov/healthypeople/objectives-and-data/browse-objectives/neighborhood-and-built-environment/increase-proportion-adults-broadband-internet-hchit-05>

Highlighted Demographics: Disparities and Health Equity

Identifying disparities by population groups and geography helps to inform and focus priorities and strategies. Understanding disparities also helps us better understand root causes that impact health in a community and inform action towards health equity.

Health Equity

Health equity focuses on the fair distribution of health determinants, outcomes, and resources across communities.²¹ National trends have shown that systemic racism, poverty, and gender discrimination have led to poorer health outcomes for groups such as Black/African American, Hispanic/Latino, Indigenous, communities with incomes below the federal poverty level, and LGBTQ+ communities.²²

Race, Ethnicity, Age & Gender Disparities

Primary and secondary data revealed significant community health disparities by race, ethnicity, gender, and age. It is important to note that the data is presented to show differences and distinctions by population groups. And a data variation within each population group may be as great as that between different groups. For instance, Asian or Asian and Pacific Islander persons encompasses individuals from over 40 different countries with very different languages, cultures, and histories in the U.S. Information and themes captured through key informant interviews and community engagement session discussions have been shared to provide a more comprehensive and nuanced understanding of each community's experiences.

Secondary Data

Community health disparities were assessed in the secondary data using the Index of Disparity²³ analysis, which identifies disparities based on how far each subgroup (by race, ethnicity, or gender) is from the overall county value. For more detailed methodology related to the Index of Disparity, see Appendix A.

Table 1 below identifies secondary data indicators with a statistically significant race or ethnic disparity for the Hillcrest Hospital Community, based on the Index of Disparity.

²¹ Klein R, Huang D. Defining and measuring disparities, inequities, and inequalities in the Healthy People initiative. National Center for Health Statistics. Center for Disease Control and Prevention.

https://www.cdc.gov/nchs/ppt/nchs2010/41_klein.pdf

²² Baciu A, Negussie Y, Geller A, et al (2017). Communities in Action: Pathways to Health Equity. Washington (DC): National Academies Press (US); The State of Health Disparities in the United States. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK425844/>

²³ Percy, J. & Keppel, K. (2002). A Summary Measure of Health Disparity. Public Health Reports, 117, 273-280.

Table 1: Indicators with Significant Race or Ethnic Disparities

Health Indicator	Group(s) Negatively Impacted
Age-Adjusted Death Rate due to Diabetes	Black/African American
Age-Adjusted Death Rate due to Kidney Disease	Black/African American
Age-Adjusted Death Rate due to Prostate Cancer	Black/African American
Babies with Very Low Birth Weight	Black/African American, Asian/Pacific Islander
Children Living Below Poverty Level	Black/African American, Hispanic/Latino, Other Race
Families Living Below Poverty Level	American Indian/Alaska Native, Asian, Black/African American, Hispanic/Latino, Other Race
HIV/AIDS Prevalence Rate	Black/African American, Hispanic/Latino
People 65+ Living Below Poverty Level	American Indian/Alaska Native, Black/African American, Hispanic/Latino, Other Race
People Living Below Poverty Level	American Indian/Alaska Native, Black/African American, Hispanic/Latino, Other Race, Two or More Races
Persons without Health Insurance	Hispanic/Latino, Other Race
Workers Commuting by Public Transportation	American Indian/Alaska Native, White (Non-Hispanic)
Workers who Walk to Work	Two or More Races
Young Children Living Below Poverty Level	Black/African American, Hispanic/Latino, Native Hawaiian/Pacific Islander, Other Race,

The Index of Disparity analysis for Cuyahoga, Geauga, Lake, Portage, and Summit counties reveals that the Black/African American, Hispanic/Latino, American Indian/Alaskan Native, Two or More Races, Native Hawaiian/Pacific Islander, Asian, and Other Race group populations are disproportionately impacted by various measures of poverty, which is often associated with poorer health outcomes. These indicators include Families Living Below Poverty Level, Children Living Below Poverty Level, People 65+ Living Below Poverty Level, Young Children Living Below Poverty Level, and People Living Below Poverty Level. Furthermore, Black/African American, and Hispanic/Latino populations are disproportionately impacted in HIV/AIDS Prevalence Rate. Black/African American and Asian/Pacific Islander groups are disproportionately impacted by Babies with Very Low Birth Weight. Additionally, Black/African American populations experience a heavier burden related to chronic diseases, such as diabetes and kidney disease. Hispanic/Latino and Other Race groups also have the highest rates of Persons without Health Insurance, compared to other races/ethnicities in the region.

Finally, White (Non-Hispanic), Two or More Races, and American Indian/Alaska Native populations are disproportionately impacted across measures of public transportation (Table 1).

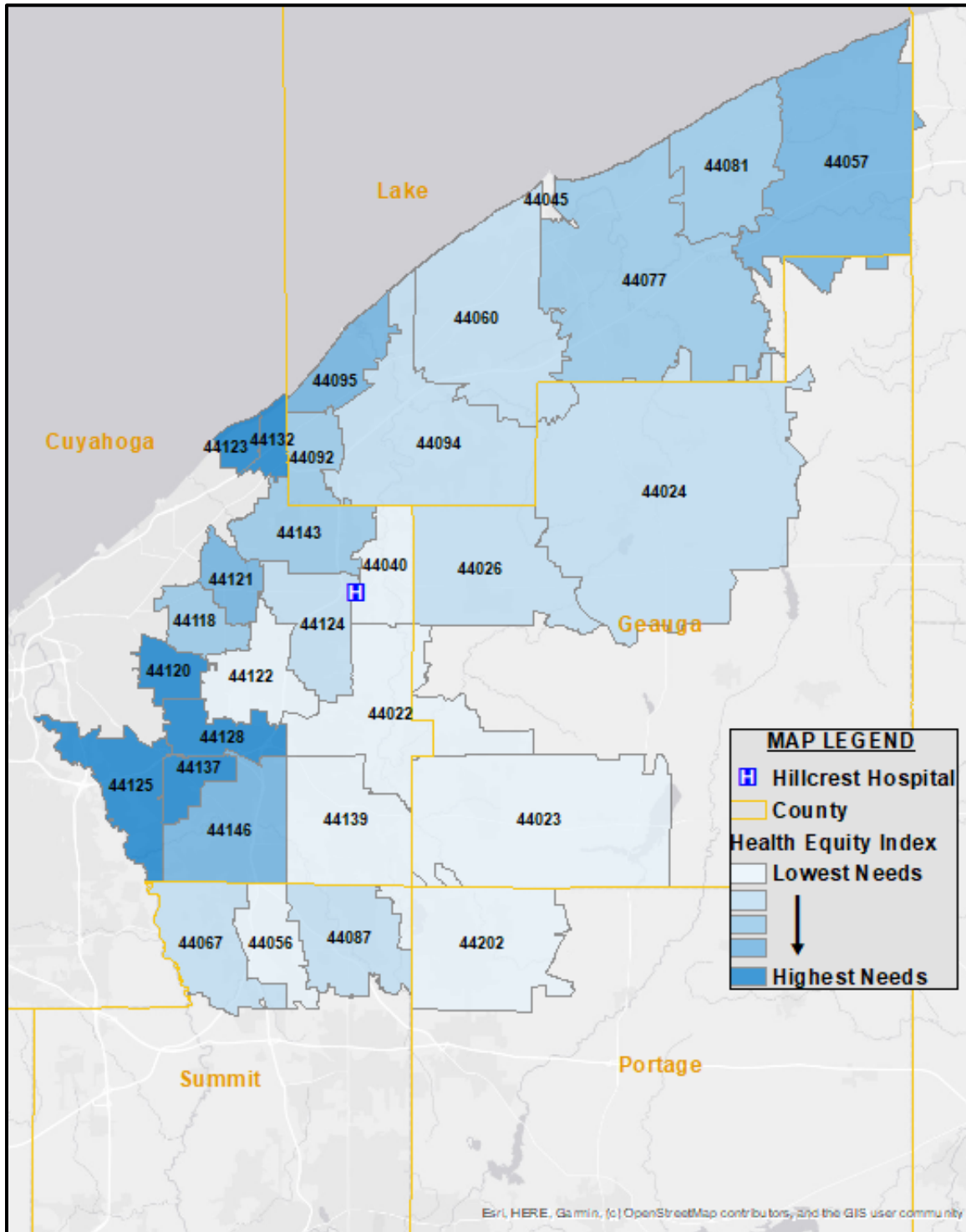
Geographic Disparities

In addition to disparities by race, ethnicity, gender, and age, this assessment also identified specific zip codes/municipalities with differences in outcomes related to health and social determinants of health. Geographic disparities were identified using the Health Equity Index, Food Insecurity Index, and Mental Health Index. These indices have been developed by Conduent Healthy Communities Institute to easily identify areas of high socioeconomic need, food insecurity and poor mental health. For all indices, counties, zip codes, and census tracts with a population over 300 are assigned index values ranging from 0 to 100, with higher values indicating greater need. Understanding where there are communities with higher need is critical to targeting prevention and outreach activities.

Health Equity Index

Conduent's Health Equity Index (HEI) estimates areas of high socioeconomic need, which are correlated with poor health outcomes. Zip codes are ranked based on their index value to identify relative levels of need, as illustrated by the map in Figure 21. The following zip codes in the Hillcrest Hospital Community had the highest level of socioeconomic need (as indicated by the darkest shades of blue): 44120, 44123, 44125, 44128, 44132, and 44137 in Cuyahoga County. Appendix A provides the index values for each zip code.

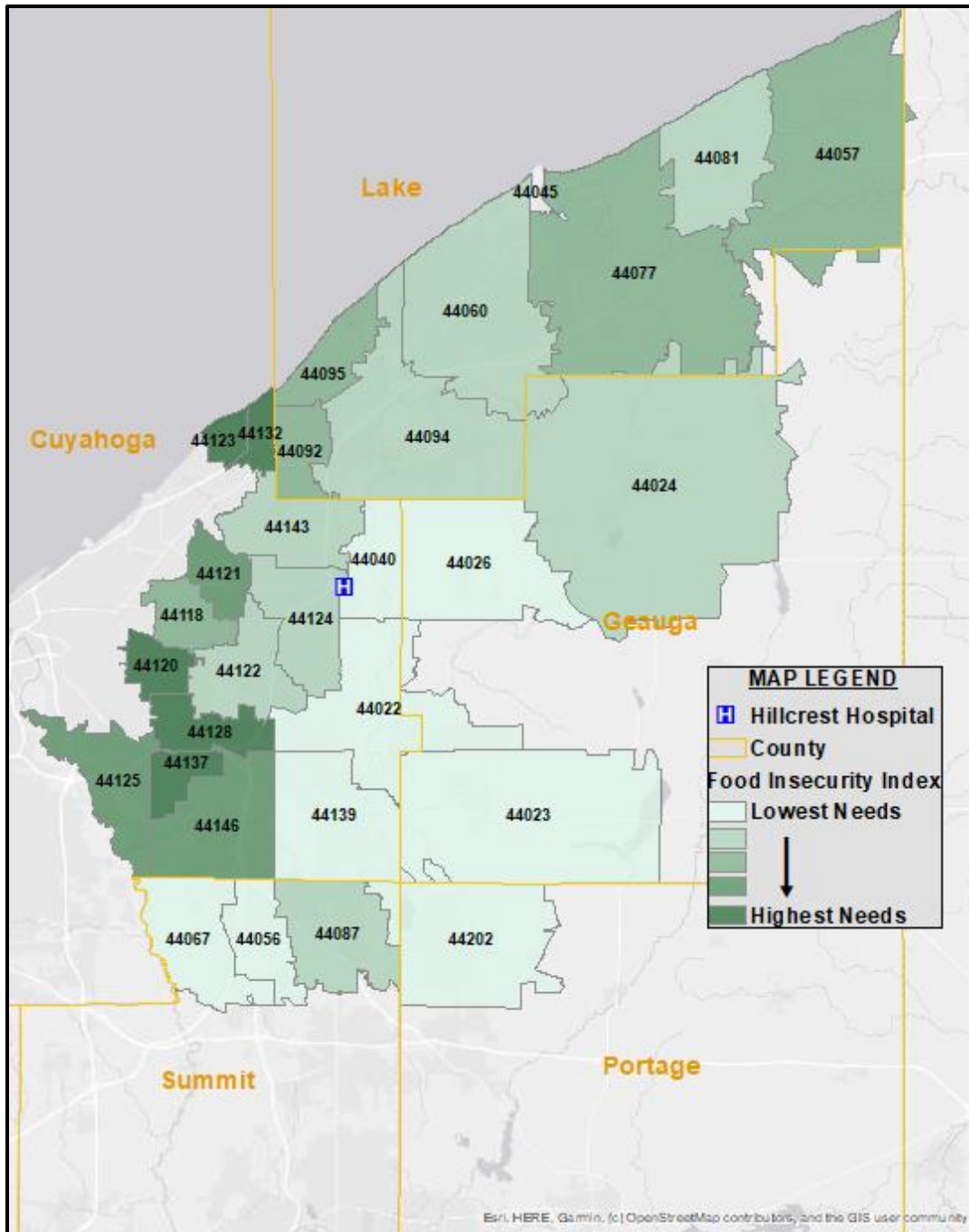
Figure 21: Health Equity Index



Food Insecurity Index

Conduent's Food Insecurity Index (FII) estimates areas of low food accessibility correlated with social and economic hardship. Zip codes are ranked based on their index value to identify relative levels of need, as illustrated by the map in Figure 22. The following zip codes had the highest level of food insecurity (as indicated by the darkest shades of green): 44120, 44123, 44128, 44132, and 44137 in Cuyahoga County. Appendix A provides the index values for each zip code.

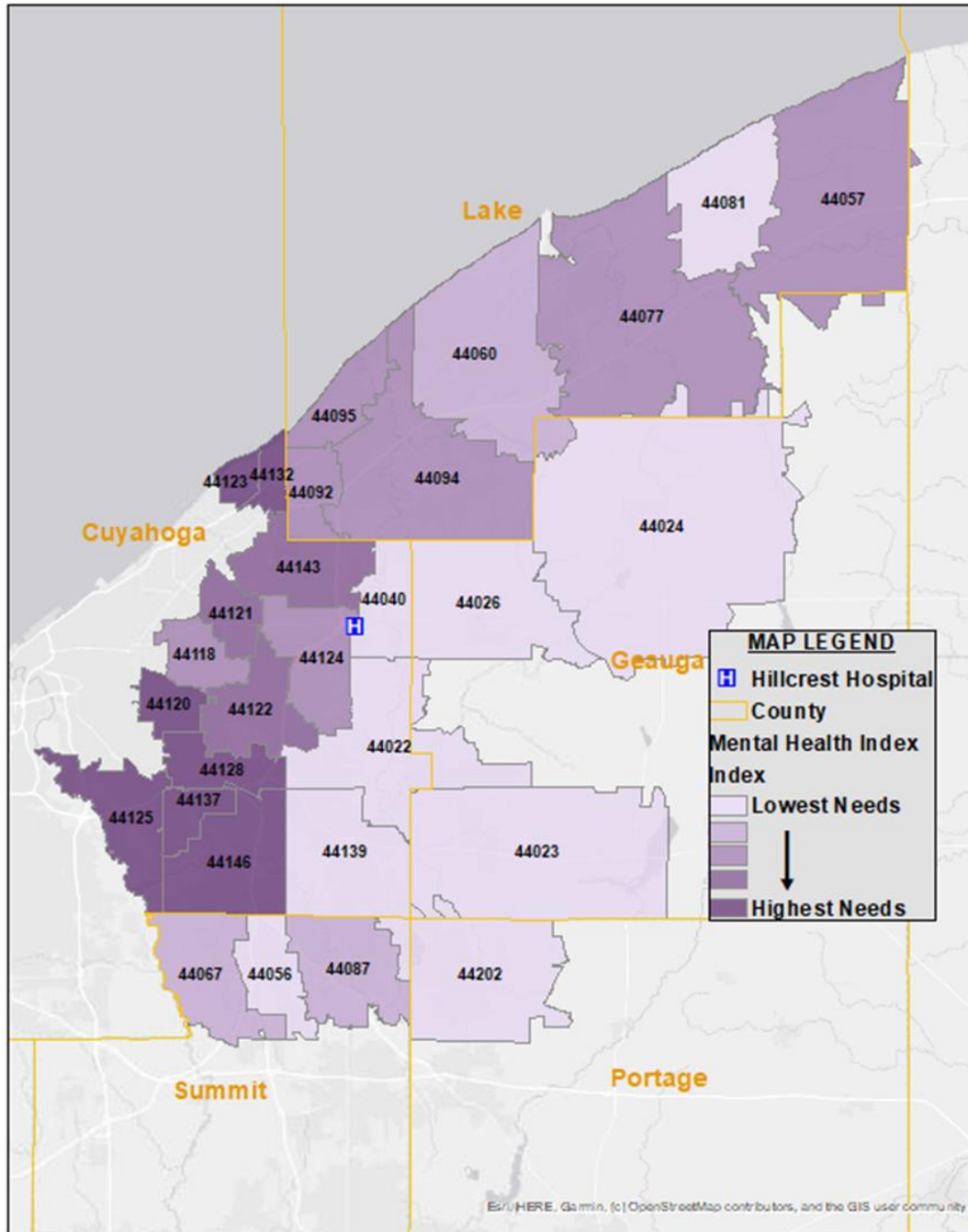
Figure 22: Food Insecurity Index



Mental Health Index

Conduent's Mental Health Index (MHI) is a measure of socioeconomic and health factors correlated with self-reported poor mental health. Zip codes were ranked based on their index value to identify the relative levels of need, as illustrated by the map in Figure 23. The following zip codes are estimated to have the highest need (as indicated by the darkest shades of purple): 44120, 44123, 44125, 44128, 44132, 44137, and 44146 in Cuyahoga County. Appendix A provides the index values for all zip codes within the Hillcrest Hospital Community.

Figure 23: Mental Health Index



Highlighted Demographics: COVID-19 Impacts Snapshot

On March 13, 2020, a U.S. national emergency was declared over the novel coronavirus outbreak first reported in the Wuhan Province of China in December 2019. Officially named COVID-19 by the World Health Organization (WHO) in February, WHO declared COVID-19 a pandemic on March 11, 2020. Later that month, stay-at-home orders were placed by the Ohio Governor and unemployment rates soared as companies were impacted and mass layoffs began.

At the time that the Hillcrest Hospital Community began its collaborative CHNA process, the community and the state of Ohio were in a period of the pandemic that was hoped to be in its final phases. Primary data was collected virtually to ensure the health and safety of those participating.

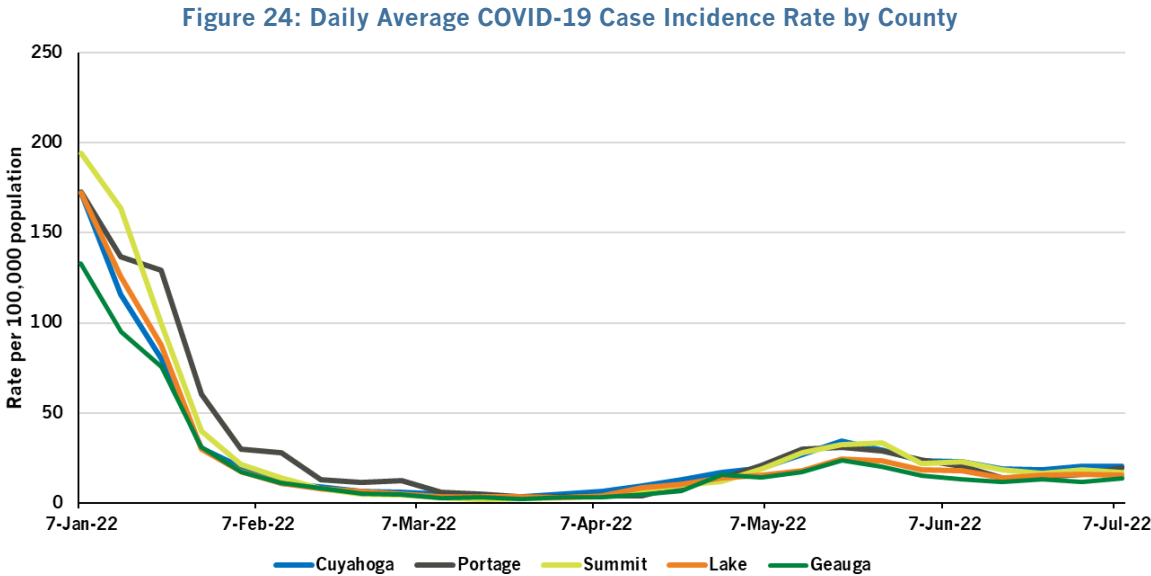
COVID-19 Pandemic

Community Input

Key stakeholder interviews and the Hillcrest Hospital Community Engagement Session served to assess the impact of the COVID-19 pandemic by asking respondents to describe how the pandemic has impacted community health outputs. Top responses focused on mental health challenges that spanned all age groups. Older adult health suffered both because of isolation borne of the fear of exposure to the COVID-19 virus, followed by sense of well-being, security, or hope, and social support/connection.

The COVID-19 Daily Average Case Incidence Rate by County

Figure 24 shows the daily average COVID-19 case incidence rate for Cuyahoga, Geauga, Lake, Portage, and Summit counties from January 2022 through early July 2022. As shown, the incidence rate has declined since the beginning of 2022, although some small spikes in incidence rates have occurred.



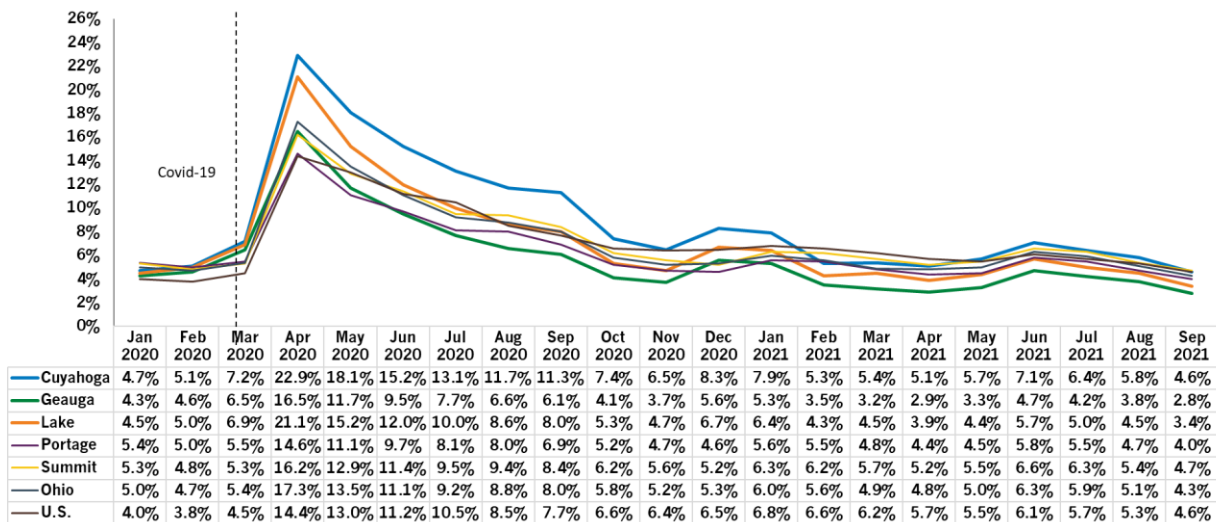
Vaccination Rates

As of June 2022, at least 57% of the population residing in counties within the Hillcrest Hospital Community Definition are fully vaccinated against COVID-19. Lake County has the highest vaccination rates (66.2%), followed by Cuyahoga County (65.5%), Summit County (64.0%), Geauga County (61.8%), and Portage County (57.8%).

Unemployment Rates

Unemployment rates rose between March and April 2020 for Cuyahoga, Geauga, Lake, Portage, and Summit counties when stay-at-home orders were first announced. Illustrated in Figure 25 below, as counties began slowly reopening some businesses in late-2020, the unemployment rate gradually began to go down. As of late 2021, unemployment rates have stabilized but still exceed pre-pandemic rates. When unemployment rates rise, there is a potential impact on health insurance coverage and healthcare access if jobs lost include employer-sponsored healthcare.

Figure 25: Unemployment Rate After the Start of the COVID-19 Pandemic



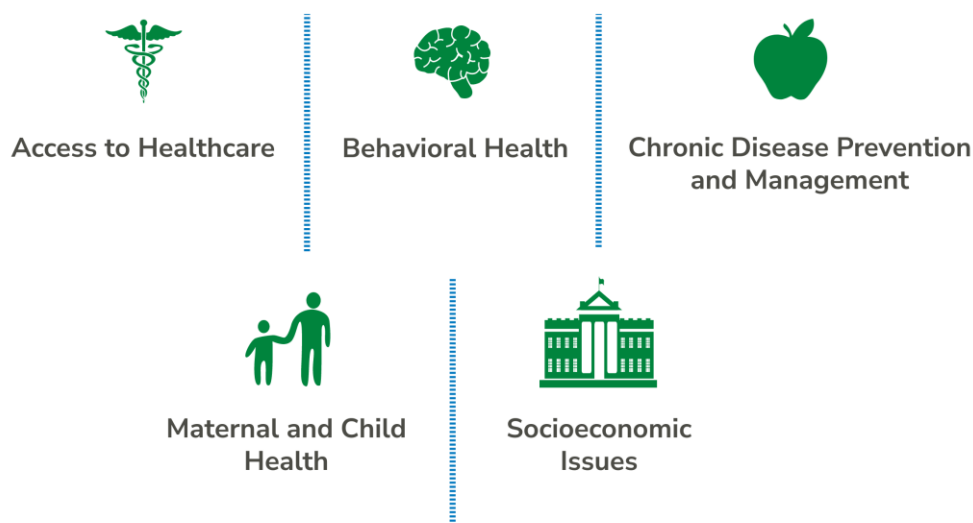
Synthesis and Prioritization

All forms of data may present strengths and limitations. Each data source used in this CHNA process was evaluated based on strengths and limitations and should be kept in mind when reviewing this report. Each health topic presented a varying scope and depth of quantitative data indicators and qualitative findings. For both quantitative and qualitative data, immense efforts were made to include as wide a range of secondary data indicators, community engagement session participants, and key stakeholders as possible. A full list of contributors can be found in the Primary Data Collection and Analysis description in [Appendix A](#).

To gain a comprehensive understanding of the significant health needs for the Hillcrest Hospital Community, the findings from all three data sets were compared and studied simultaneously. The secondary data scores, community engagement session themes, and key stakeholder responses were considered equally important in understanding the health issues of the community. The top health needs identified from each of these data sources were analyzed for areas of overlap. Six health issues were identified as significant health needs across all three data sources and were used for further prioritization. To ensure alignment with state and local health department objectives, a working group analyzed these significant health needs alongside the [Ohio State Health Improvement Plan \(SHIP\)](#) as well as the [Cuyahoga, Lake, Summit, Geauga and Portage County Community Health Improvement Plans \(CHIP\)](#) most recent findings. The prioritization process distilled the significant needs into five categories.

The five prioritized health needs are summarized in Figure 26. Each prioritized health topic includes the key findings from secondary data, the community engagement session discussions and key stakeholder interviews.

Figure 26: 2022 Prioritized Health Needs



Prioritized Health Topic #1: Access to Healthcare

Access to Healthcare

Secondary
Data Score: **1.40**



Key Themes from Community Input



- COVID-19 delayed preventative care and increased virtual visits putting care quality at risk and alienating populations without technical knowledge or access
- Expanded Medicaid access exposed gaps in knowledge or services navigation for low income and older adult populations
- Lack of financial investment in public health prevention as hospitals are focused on revenue which comes from specialty care, surgical care, etc.
- Lack of knowledge of healthy behaviors and health resources in the community
- Non-English speakers, people living in poverty, and those underinsured face barriers to accessing health care
- Racial disparities coupled with disparities based on income level dictate the quality of care received
- Transportation often a barrier to accessing health services centralized in hospitals and clinics

Warning Indicators



- Consumer Expenditures: Health Insurance
- Consumer Expenditures: Medical Services
- Consumer Expenditures: Medical Supplies
- Consumer Expenditures: Prescription and Non-Prescription Drugs
- Persons without Health Insurance
- Primary Care Provider Rate

Primary Data: Key Stakeholder Interviews and Community Engagement Session

Access to Health Care was described as a top health need by the Hillcrest Hospital Community Advisory Council members participating in the Community Engagement Session. Access, and access-related topics including transportation and resources, were described as among the top barriers to improving health.

Participants pointed to an increase in technology-based care platforms and difficulty community members experience around navigating new health system protocols for appointments as a key barrier to accessing healthcare. They recommended communicating resource availability on low or no-tech platforms to reach older adults. Additionally, trends for the older adult population toward aging in place and other behaviors that favor long-term independence, coupled with the tendency of older adults to avoid asking for help or knowing where and how to ask also served as barriers to accessing care. Finally, participants conveyed those older adults are also afraid to see a doctor because of consequences and limitations associated with poor overall health, memory, eye-sight and hearing.



Certainly the people who are living with Long COVID have very direct health care issues that they're dealing with. The pandemic has definitely led to significant delays in care early on, so a lot of that preventative stuff got pushed off and I don't think we've caught up with all that.



- Key Stakeholder

Key stakeholders noted a lack of investment in prevention practices including accessibility of primary services at a local level. Racial, economic, geographic, educational and environmental inequities all impact access to care and disproportionately affect communities of color. Three key themes surfaced from community discussions including systemic inequities in healthcare, the need to focus on preventative care, and barriers to healthcare.

Systemic inequities in healthcare included issues of discrimination and bias from providers which ultimately creates mistrust from communities experiencing this discrimination. Key informants suggested hiring providers that look like the people they are caring for, building a sustainable presence in the community, and ensuring providers are trained in trauma-informed care and gender-affirming care.

Preventative care included high utilization rates of the ER for minor health issues due to lack of primary care physician, and the need to strengthen the public health infrastructure. Furthermore, COVID-19 allowed for the expansion of telehealth which increased access to healthcare for many. However, it also exposed the inequities in broadband support due to infrastructure issues leaving residents unable to access telehealth.

Barriers to healthcare included transportation, navigating the difficulties of a fragmented healthcare system, ability to pay for services/insurance (lack of insurance, high co-pays/deductibles), and health literacy for providers to communicate with patients.

Secondary Data

From the secondary data scoring results, Health Care Access & Quality ranked as the 11th highest scoring health need, with a score of 1.40. Further analysis was done to identify specific indicators of concern. Those indicators with high data scores (scoring at or above the threshold of 1.50) were categorized as indicators of concern and can be found in Appendix C and are discussed below. In addition, the appendices also contain a description of methodology (Appendix A) and a full list of indicators with data scoring categorized within this topic area (Appendix C).

Consumer Expenditures: Medical Services is one of the worst performing indicators in Cuyahoga, Summit, Geauga and Lake counties. This indicator is defined as the average dollar amount per consumer unit spent on medical services (such as eye care, dental care,

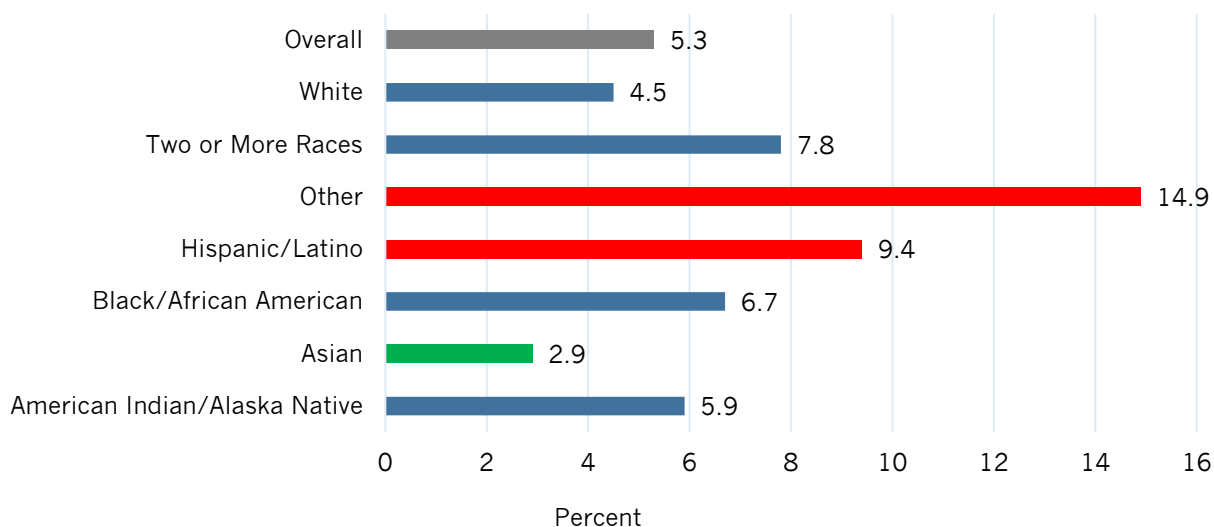
physician, and non-physician care). A consumer unit is defined as a household or any person living in a college dormitory.

The average dollar amount per consumer unit spent on medical services for 2021 in Summit, Geauga, and Lake counties was \$1,153.10, \$1,678.50, and \$1,242.3, respectively. These values are higher than the average dollar amount spent on medical services in the state of Ohio, where that amount is \$1,098.60 dollars per consumer unit. For this indicator, Summit, Geauga, and Lake counties in the Hillcrest Hospital community fell in the worst 25% of all counties in the nation.

The average dollar amount per consumer unit for health insurance in Lake County is \$4,910.20. This is higher than the average dollar amount spent on health insurance in the state of Ohio, where that amount is \$4,371.70 dollars per consumer unit. A consumer unit is defined as a household or any person living in a college dormitory. Additionally, in Cuyahoga County, 89.8% of adults have health insurance, compared to 90.6% in the United States. People without health insurance may not be able to afford medical treatment or prescription drugs. They are also less likely to get routine checkups and screenings, so if they do become ill, they will not seek treatment until the condition is more advanced and therefore more difficult and costly to treat.²⁴ Many small businesses are unable to offer health insurance to employees due to rising health insurance premiums.²⁵

The rising costs of medical care and lack of insurance affects all races and ethnicities. However, in Cuyahoga County, people identifying as Hispanic/Latino and Some Other Race are disproportionately affected (see red in Figure 27 below).

Figure 27. Persons without Health Insurance by Race/Ethnicity in Cuyahoga County



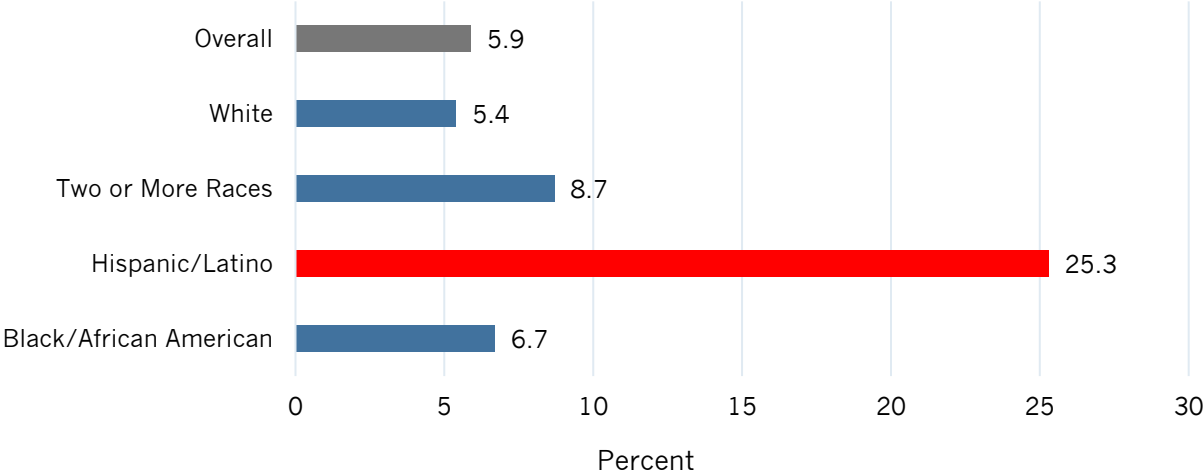
Source: American Community Survey, 2019

²⁴ Kaiser Family Foundation, 2020 and 2015

²⁵ The Commonwealth Fund, 2019

Similarly, as seen in red in Figure 28, in Lake County, persons identifying as Hispanic/Latino are much more likely to be without health insurance (25.3%) compared to the overall population as seen in gray (5.9%).

Figure 28. Persons without Health Insurance by Race/Ethnicity in Lake County



Source: American Community Survey, 2019

Prioritized Health Topic #2: Behavioral Health

Behavioral Health: Mental Health

Secondary
Data Score: **1.34**



Key Themes from Community Input



- Closely linked with substance use as self-medication
- Housing insecurity especially for younger LGBT individuals leading to homelessness effects mental wellbeing
- Lack of robust mental health system
- Mental health issues worsened for LGBTQ+ population, children, college students, teens & teachers as a result of COVID-19 isolation
- Need to expand provider network as the justice system works to divert folks with low-level violations to treatment and mental health care
- Resources needed to help develop coping strategies & resilience from trained/supportive professionals
- Second leading cause of death in kids 10-14 is suicide
- Social isolation worsened during pandemic leading to a spike in reports of depression, anxiety, suicide attempts or death by suicide
- Transgender patients have a much higher risk of suicide due to discrimination, bigotry & isolation

Warning Indicators



- Alzheimer's Disease or Dementia: Medicare Population
- Depression: Medicare Population
- Poor Mental Health: 14+ Days
- Poor Mental Health: Average Number of Days

Primary Data: Key Stakeholder Interviews and Community Engagement Sessions (Mental Health)

Members of the Hillcrest Hospital Community Advisory Council, representing a range of organizations within the community, who attended the Community Engagement session ranked Mental Health the most important health problem in the community. They also reported a strong association between mental health and substance use suggesting that community members increasingly use and abuse alcohol, illicit drugs and prescription drugs as a form of self-medication to cope with stress. Further, attendees reported an increase in mental health concerns in both older adults and youth. Older adults experience greater isolation as a result of reduced mobility and fear of contracting diseases in public. Youth, on the other hand, are experiencing trauma, abuse, food and housing insecurities and other challenges that deeply affect their mental health.

We are seeing more frequent transports for evaluations. We see it in our young people. We see the effects of any variety of traumas that show up in our schools and you know, with with young people.



Whether it's influenced by types of abuse, food insecurity, housing insecurity or any of the other adverse experiences that can impact stress and cause mental anguish.



- Community Engagement Session Participant

Mental health resources, and the availability of mental health providers were frequently cited as disproportionate to community need. Overall, lack of mental health providers and resources, and navigation and/or knowledge about available services were all mentioned as barriers. Participants emphasized the need to examine the root causes leading to mental health issues within the community including poverty and an unequal playing field in terms of investment in education in low-income communities. Furthermore, LGBTQ+ community members experience disproportionate mental health issues. Stakeholders recommended an increase in meaningful investment in community health programming.

Secondary Data: Mental Health

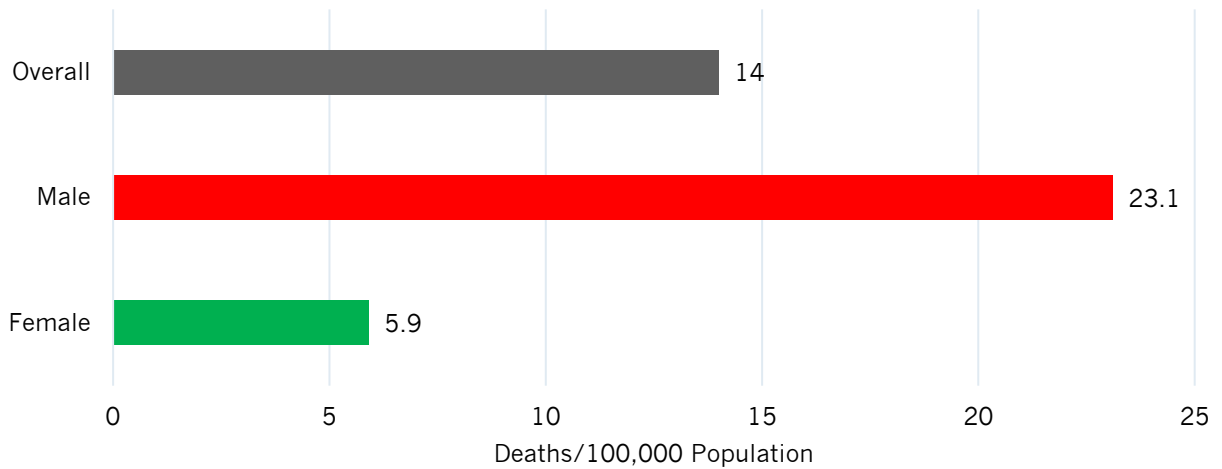
From the secondary data scoring results, Mental Health & Mental Disorders had the 14th highest data score of all topic areas, with a score of 1.34. Further analysis was done to identify specific indicators of concern. Those indicators with high data scores (scoring at or above the threshold of 1.50) were categorized as indicators of concern and can be found in Appendix C and are discussed below. In addition, the appendices also contain a description of methodology (Appendix A) and a full list of indicators with data scoring categorized within this topic area (Appendix C).

According to the secondary data, depression, and Alzheimer's, specifically within the Medicare population, are areas of great concern. 21.8% and 21.4% of Medicare beneficiaries in Summit and Portage counties, respectively, have been treated for depression.

In Cuyahoga County, 11.4% of Medicare beneficiaries have been treated for Alzheimer's Disease or Dementia and 18.5% have been treated for depression. In Lake County, 19.2% of Medicare beneficiaries have been treated for depression. Over the past four years, both Lake and Cuyahoga counties have experienced an increase in Medicare beneficiaries receiving treatment for depression.

Disparities within the mental health topic area were also found for Hillcrest Hospital community counties. As seen in Figure 29, in Cuyahoga County, the Age-Adjusted Death Rate due to Suicide for males is 23.1 deaths per 100,000 population (see red below), compared to 5.9 deaths per 100,000 for females (see green below).

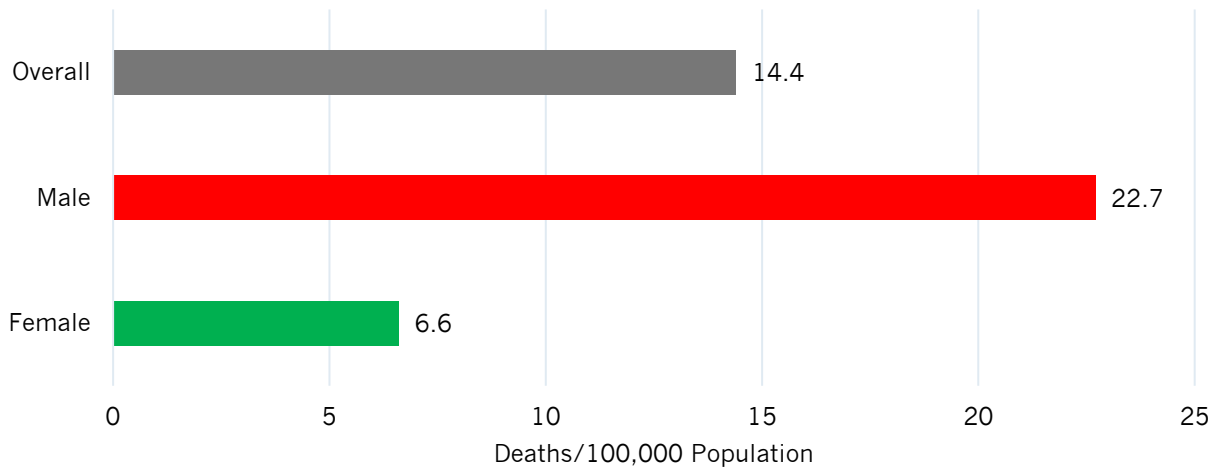
Figure 29. Age-Adjusted Death Rate due to Suicide by Gender in Cuyahoga County



Source: Centers for Disease Control and Prevention, 2017-2019

Lake County also faces gender disparities in suicide deaths. The Age-Adjusted Death Rate due to Suicide for males in Lake County is 22.7 deaths per 100,000 population (see red in Figure below), compared to 6.6% for females (see green in Figure 30 below)

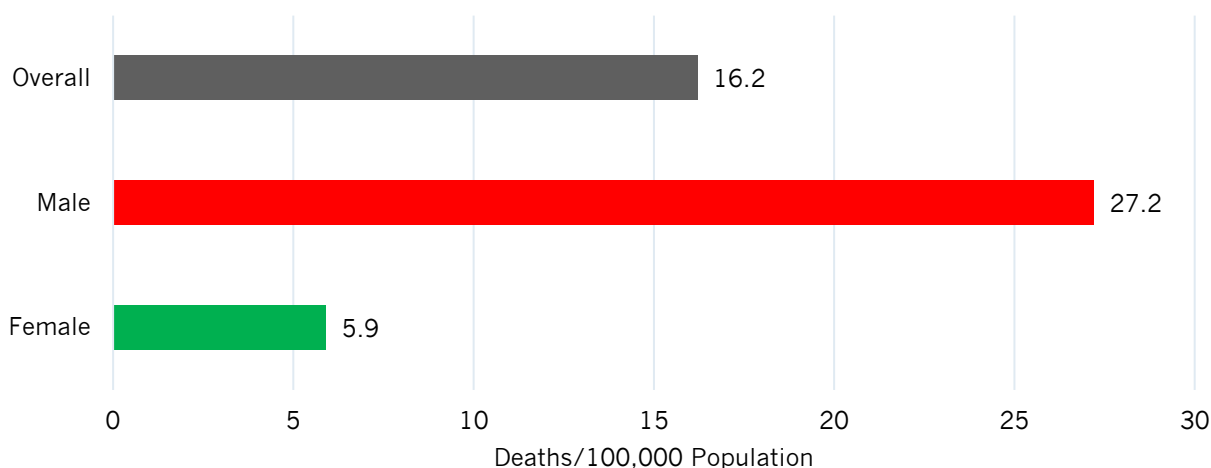
Figure 30. Age-Adjusted Death Rate due to Suicide by Gender in Lake County



Source: Centers for Disease Control and Prevention, 2017-2019

Additionally, Summit County has a similar trend where there are 27.2 deaths due to suicide per 100,000 males, and 5.9 deaths per 100,000 females. This is shown in Figure 31.

Figure 31. Age-Adjusted Death Rate due to Suicide by Gender in Summit County



Source: Centers for Disease Control and Prevention, 2017-2019

Substance Use

Behavioral Health: Substance Use

Secondary Data Score: 1.57



Key Themes from Community Input



- Addiction as “self-medication” an outcome of mental health challenges
- Lack of providers/treatment sites to meet the needs of those with substance use disorder
- Overall increases in alcohol intake and drug use (opiates) during COVID-19
- Substance abuse treatment was one of the places hit hardest during COVID due to difficulties moving to a virtual visit system (so much of the recovery from substance use disorder is about relationships and being connected)

Warning Indicators



- Adults who Binge Drink
- Adults who Drink Excessively
- Age-Adjusted Drug and Opioid-Involved Overdose Death Rate
- Alcohol-Impaired Driving Deaths
- Consumer Expenditures: Alcoholic Beverages
- Death Rate due to Drug Poisoning

Primary Data: Key Stakeholder Interviews and Community Engagement Sessions (Substance Use)

Members of the Hillcrest Hospital Community Advisory Council attending the Community Engagement session ranked Alcohol and Drug Use the third most important health problem in the community. They described addiction as an outcome of mental health challenges and mental disorders wherein substances are used as a means of easing stress. Emergency responders participating in the session suggested that increased use of

Narcan may be limiting reports of community substance abuse rates. Additionally, community members lack understanding of how to navigate to services that help address drug addiction. To begin addressing this and other health challenges in the community, session participants recommended that organizations develop partnerships to leverage resources between hospital providers and community services and then communicate those resources to community members, particularly older adults without technology access to resources.

“ I think as people became more familiar with Narcan and the availability of Narcan generally increases, I think that has reduced the number of interactions that emergency responders have with people who are overdosing or using so the overall reduction in numbers of people abusing substances could be artificially low. ”

- Community Engagement Session Participant

Key stakeholders noted an overall increase in alcohol intake and opioid use during the COVID-19 pandemic. They asserted that there was a lack of space in treatment sites and low access to outpatient provider services to meet the needs of those suffering from substance use disorder further exacerbating a worsening issue.

“ I think substance abuse treatment is one of the places hit the hardest during COVID and really had a difficult time moving to a virtual kind of visit system, because so much of the recovery from substance use disorder is about relationships and being connected. ”

- Key Stakeholder

Secondary Data

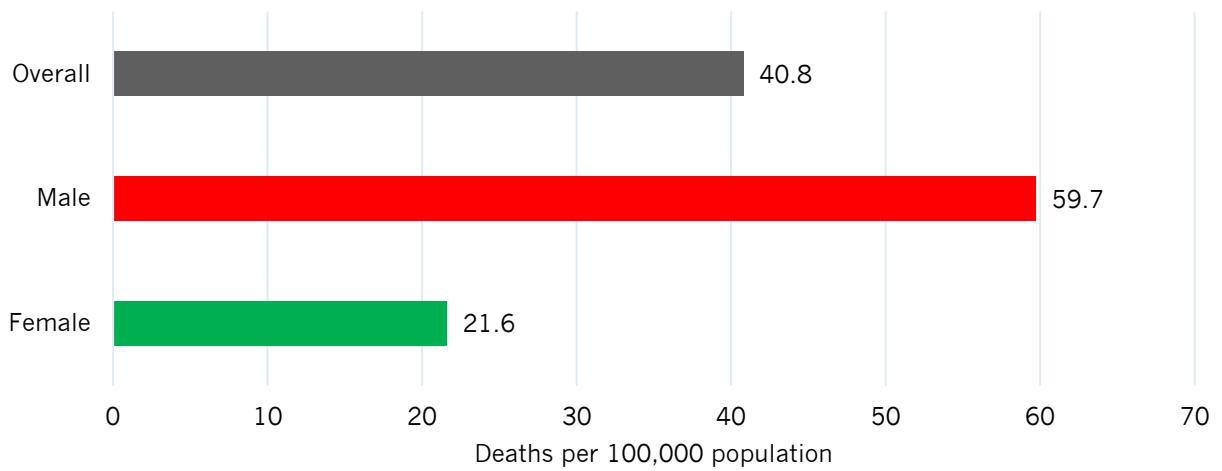
From the secondary data scoring results, Alcohol & Drug Use had the third highest data score of all topic areas, with a score of 1.57. Further analysis was done to identify specific indicators of concern. Those indicators with high data scores (scoring at or above the threshold of 1.50) were categorized as indicators of concern and can be found in Appendix C and are discussed below. In addition, the appendices also contain a description of methodology (Appendix A) and a full list of indicators with data scoring categorized within this topic area (Appendix C).

In Cuyahoga County in 2017-2019, there were 42.6 deaths due to drug poisoning per 100,000 people, which is higher than both the state and national values, and in the worst quartile (25%) of counties in the U.S.

Consumer expenditures related to alcoholic beverages in Geauga County average \$962.6, much higher than the Ohio state value (\$651.50) and U.S. value (\$701.90).

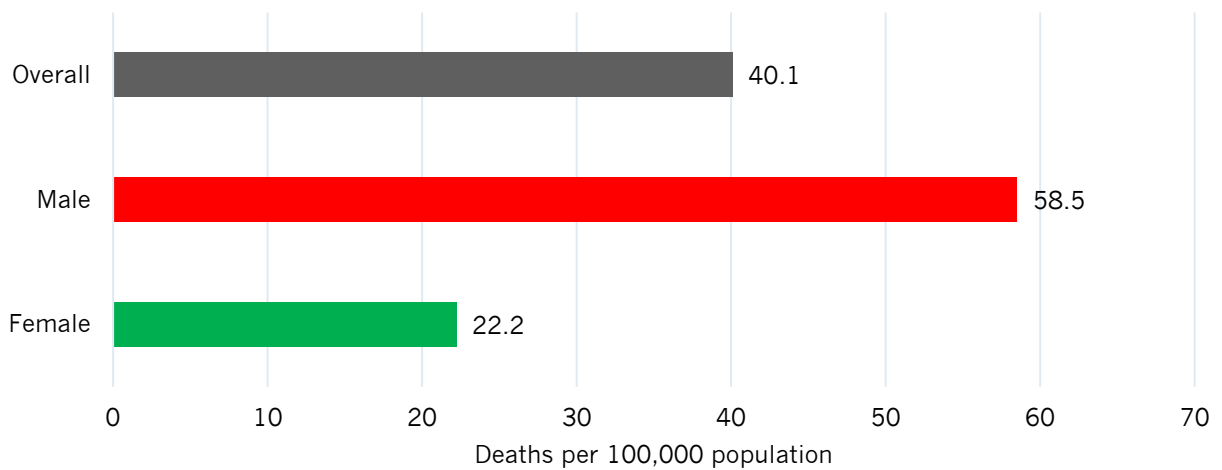
Gender disparities within drug and opioid-involved overdose death rates have shown to be prominent in Lake and Summit counties. In both counties, males have higher rates of death involving overdoses than their female counterparts, as shown in Figures 32 and 33.

Figure 32. Age-Adjusted Drug and Opioid-Involved Overdose Death Rate by Gender in Lake County



Source:Centers for Disease Control and Prevention, 2017-2019

Figure 33. Age-Adjusted Drug and Opioid-Involved Overdose Death Rate by Gender in Summit County



Source:Centers for Disease Control and Prevention, 2017-2019

Prioritized Health Topic #3: Chronic Disease Prevention and Management

Chronic Disease Prevention and Management is a health topic that is analyzed from four secondary data topics – Nutrition and Healthy Eating, Chronic Diseases, Older Adult Health and Cancer. An overview snapshot of each of these subtopics is provided below.

Primary Data: Key Stakeholder Interviews and Community Engagement Session

OLDER ADULT HEALTH

Older Adult Health & Other Conditions

Secondary Data Score: **1.50** (Older Adults)
1.64 (Other Conditions)



Key Themes from Community Input



- Affordable assisted living facilities in familiar neighborhoods are scarce
- Aging at home brings increased care requirements and isolation
- COVID-19 was a disruptor of programs for older adults leading to more social isolation
 - Increased reports of depression, anxiety, suicide attempt, death by suicide
 - Some people with dementia progressed to Alzheimer's
- Difficulties navigating health care system due to lack of broadband access/computer knowledge
- Lower income older adults disproportionately affected by chronic conditions, access to healthy food, poor housing conditions
- Mass vaccination sites were difficult for non-English speaking older adults to navigate (language barriers) and those not technologically savvy
- Social cohesion & connectedness:
 - Isolation in LGBTQ+ elderly patients because they come from a generation where they may have been rejected by family members, may have lost loved ones
 - Wasn't common for LGBT folks to have families, so they're really alone
 - Isolation is an independent risk factor for adverse outcomes

Warning Indicators



- Adults with Arthritis
- Alzheimer's Disease or Dementia: Medicare Population
- Asthma: Medicare Population
- Atrial Fibrillation: Medicare Population
- Cancer: Medicare Population
- Chronic Kidney Disease: Medicare Population
- Colon Cancer Screening
- Depression: Medicare Population
- Hyperlipidemia: Medicare Population
- Osteoporosis: Medicare Population
- People 65+ Living Alone
- People 65+ with Low Access to a Grocery Store
- Rheumatoid Arthritis or Osteoarthritis: Medicare Population

Community Engagement Session conversations described older adults increasing propensity to age in place to avoid contracting COVID-19, as was prevalent during the most intense transmission periods of the pandemic. Aging at home, however, is accompanied by an increase in care requirements and isolation of the elderly negatively impacting population independence and mental health. Specific concerns surrounded older adult ability to pay for the rising costs and demands for their medications and prescriptions with some participants worrying that older adults would need to choose between purchasing food or medications. Attendees of the session ranked older adults the

most underserved population followed by low-income and Black/African American community members.



One of the things I think we see often is the elderly, in terms of mental health, whether they're able to take their medications appropriately or eat appropriately. We have a lot of elderly people that live at home alone and are isolated.

- Community Engagement Session Participant



Key stakeholders focused on lower income older adults who are disproportionately affected by chronic conditions, access to healthy food and poor housing conditions—supporting the conclusions drawn and assertions made during the Hillcrest Hospital Community Engagement Session. Furthermore, difficulties navigating telehealth services as well as arranging in-person visits are attributed to lack of broadband access or lack of comfort with technologies required to access services like smart phones, computers, and tablet devices in the older adult population. A main theme that arose in regard to older adult health was social cohesion and connectedness, especially amongst LGBTQ+ elderly patients that already experience isolation as a result of discrimination from their family and society.



I think one of the challenges on the healthcare side of the equation is that it is not about the quality of the care that's available, it is about a population that for many people has had no experience being a healthcare consumer. And so at least one of the challenges for folks is they have no history of accessing the system. If they get a prescription written, do they know how to get it filled? Do they know how to navigate the system to get to the pharmacy again?

- Key Stakeholder



Secondary Data

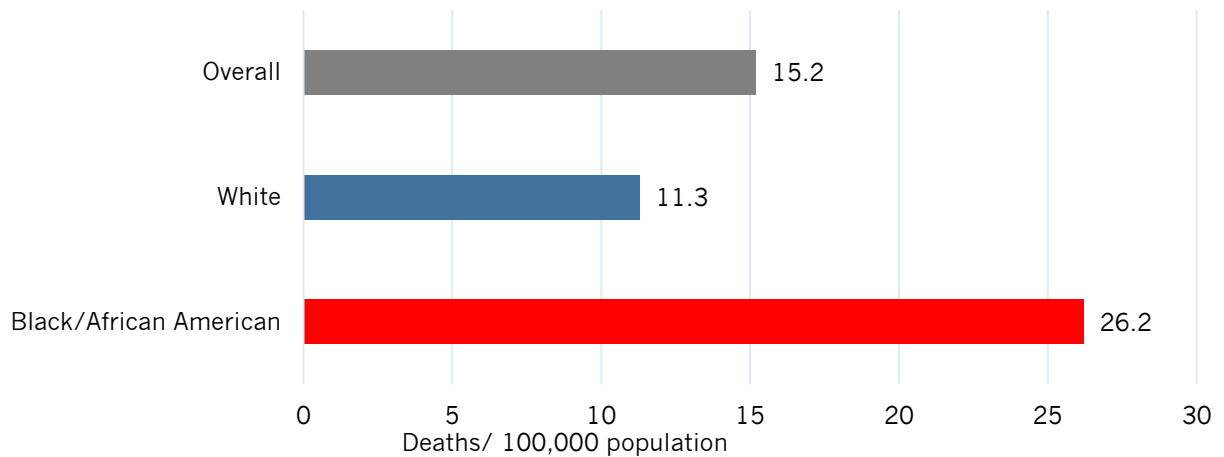
According to the secondary data results, Older Adult Health topic area had the sixth highest score at 1.50 and the related Other Conditions health topic ranked second with a score of 1.64. All topic areas in this group demonstrate need per as they each scored above 1.5. Those indicators with high data scores (scoring at or above the threshold of 1.50) were categorized as indicators of concern and can be found in Appendix C and are discussed below. In addition, the appendices also contain a description of methodology

(Appendix A) and a full list of indicators with data scoring categorized within this topic area (Appendix C).

In Lake County, the Age-Adjusted Death Rate due to Falls and Osteoporosis: Medicare Population were the worst performing indicators, both scoring a 2.92 out of a possible 3.00.

Disparities also exist within the Hillcrest Hospital Community Definition and Chronic Diseases. Black/African American residents in Cuyahoga County experience worse rates of Age-Adjusted Death Rate due to Kidney Disease than their White peers. Figure 34 shows Black/African Americans in Cuyahoga County have a death rate due to Kidney Disease of 26.2 deaths per 100,000 population compared to the overall rate of 15.2.

Figure 34. Age-Adjusted Death Rate due to Kidney Disease by Race/Ethnicity in Cuyahoga County



Source: Centers for Disease Control and Prevention, 2017-2019

Prioritized Health Topic #4: Maternal and Child Health

Maternal & Child Health

Secondary Data Score: 1.36



Key Themes from Community Input



- All issues are disproportionately impacting poor children
- Many AAPI (Asian American and Pacific Islander) families made the decision that their kids were safer at home, not necessarily from COVID-19, but from physical, anti-Asian hostilities. So, they kept their kids at home and that's devastating because engagement in learning is extremely difficult in that remote setting
- Opportunity for payer community to pay for food for pregnant people experiencing food insecurity to have better pregnancy outcomes
- Red lined communities are also most impacted by lead and infant mortality
- Rising behavioral health issues amongst children which was exacerbated by COVID-19
- Specialized resources need to be allocated to communities most impacted by infant mortality, prematurity, early pregnancy loss which in Cleveland, is African American families to promote true health equity
- There needs to be more intentional funding of maternal/infant health programs in the community from the hospital using an equity lens
- Top issues: lead poisoning, mental/behavioral health, infant mortality, food insecurity, delays in preventative care, learning loss

Warning Indicators



- Age-Adjusted Death Rate due to Breast Cancer
- Breast Cancer Incidence Rate
- Children with Low Access to a Grocery Store
- Consumer Expenditures: Childcare

Primary Data: Key Stakeholder Interviews

Maternal and Child Health has dominated community discussions for multiple assessment cycles. High maternal and infant mortality rates across communities served by enterprise hospitals have been of particular concern. Implementation strategies precipitated investments in community health focused on reducing maternal and infant mortality.

Key stakeholder interviews acknowledged the persistence of high infant mortality rates as well as the continuance of lead poisoning as a contributor to poor children's health outcomes. During the COVID-19 pandemic, long periods time spent indoors increased exposures and worsened lead related incidents and outcomes. Children across the service area suffered some learning loss during the pandemic as classrooms went remote and parents were often unable to provide time away from work to attend to their child's educational needs. Parents identifying as Asian American and Pacific Islander (AAPI) reportedly opted to continue with remote options even after in-person learning resumed for fear of anti-Asian sentiment being expressed to their children by classmates. Related to learning loss and pandemic associated isolation, mental and behavioral health,

including substance abuse has challenged children at increasingly younger ages. Isolation also kept parents from seeking primary care services for their children, including immunizations and well visits. Stakeholders considered nutrition for low-income families a key concern with risks to childhood obesity and juvenile diabetes as early life precursors to chronic diseases top of mind. Additionally, key stakeholders spoke about food insecurity amongst pregnant people, and the advocacy opportunity for the payer community to provide food for at risk pregnant people experiencing food insecurity. Finally, key stakeholders expressed disparities among low-income children that exacerbated nearly all health outcomes discussed.

Secondary Data

Maternal and Child Health came up as areas of concern in the secondary data analysis. Among all health topics, Children's Health ranked tenth with a score of 1.42 and Maternal, Fetal and Infant Health ranked 12th with a score of 1.36. Women's Health ranked fifth with a score of 1.52. Further analysis was done to identify specific indicators of concern. Those indicators with high data scores (scoring at or above the threshold of 1.50) were categorized as indicators of concern and can be found in Appendix C and are discussed below. In addition, the appendices also contain a description of methodology (Appendix A) and a full list of indicators with data scoring categorized within this topic area (Appendix C).

Consumer Expenditures: Childcare came up as an indicator of concern for almost every county in the Hillcrest Hospital community (Lake, Summit, Geauga and Portage). Residents in Geauga County spend an average of \$443.40 per consumer unit on childcare and in Lake County, residents spend an average of \$315 per consumer unit. A consumer unit is defined as a household or any person living in a college dormitory. This data captures childcare, day care, nursery school, preschool, and non-institutional day camps. ²⁶Childcare is a major household expense for families with young children. Access to affordable and high-quality childcare is essential for parents to be able to provide sufficient income for their family while ensuring all their children's social and educational needs are met. In regions where childcare costs are high, family budgets are strained, and parents may be forced to sacrifice the quality of childcare arrangements they select for their children. ²⁷

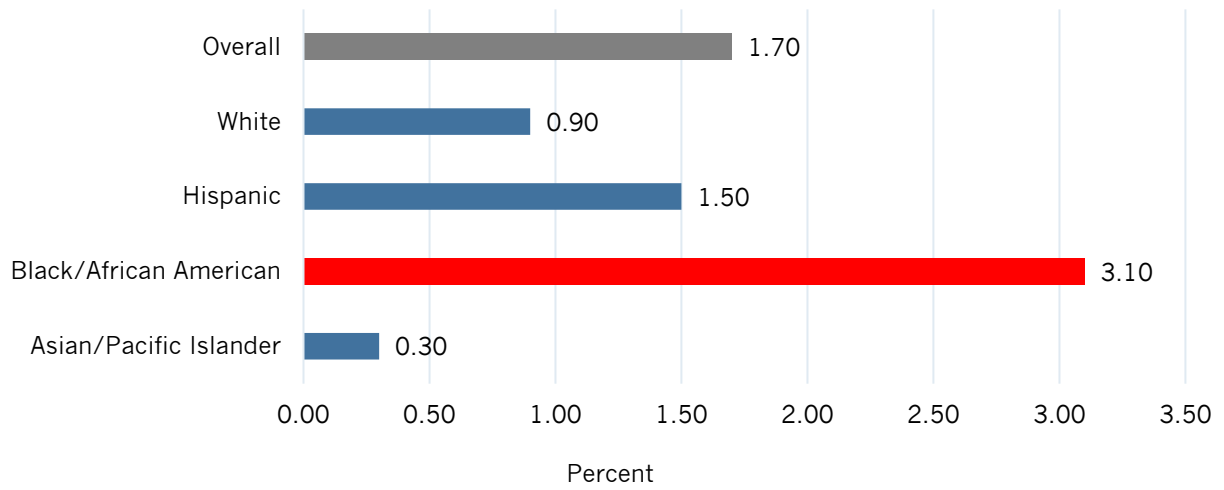
Babies with Low Birth Weight and Babies with Very Low Birth Weight are the worst performing indicators in both Cuyahoga and Summit counties. In Summit County, 9.4% of newborns weighed less than 2,500 grams (5 pounds, 8 ounces) and 1.7% of newborns weighed less than 1,500 grams (3 pounds, 5 ounces). In Cuyahoga County, 10.8% of newborns weighed less than 2,500 grams (5 pounds, 8 ounces) and 1.7% of newborns weighed less than 1,500 grams (3 pounds, 5 ounces). In both counties and instances, the county rates are higher than the state of Ohio where 8.5% of babies are categorized as having a low birth weight and 1.4% have a very low birth weight (1,500 grams or less).

Additionally, Black/African American residents in Cuyahoga County see a higher rate of Babies with Very Low Birth Weight, as shown in Figure 35 where 3.10% of babies weigh less than 1,500 grams.

²⁶ Claritas Consumer Buying Power

²⁷ Center for American Progress, 2021

Figure 35. Babies with Very Low Birth Weight by Race/Ethnicity in Cuyahoga County



Source: Ohio Department of Health, Vital Statistics, 2020

Prioritized Health Topic #5: Socioeconomic Issues

Prevention and Safety

Secondary
Data Score:

1.52



Key Themes from Community Input



- Food insecurity increased with unemployment during the pandemic
- Generational poverty, poor housing and lack of resources available to create healthy conditions for people to live, work, and play in
- Gun violence was a top community concern
- People without safe and affordable housing are an underserved population

Warning Indicators



- Adults with Current Asthma
- Age-Adjusted Death Rate due to Unintentional Injuries
- Age-Adjusted Death Rate due to Unintentional Poisonings
- Annual Ozone Air Quality
- Asthma: Medicare Population
- Children with Low Access to a Grocery Store
- Death Rate due to Drug Poisoning
- Farmers Market Density
- Fast Food Restaurant Density
- Grocery Store Density
- Low-Income and Low Access to a Grocery Store
- People 65+ with Low Access to a Grocery Store
- Physical Environment Ranking
- SNAP Certified Stores
- WIC Certified Stores

Primary Data: Key Stakeholder Interviews

Key stakeholders couched discussions around specific health needs in the context of generational poverty, poor housing and historical red lining. Generally, there is a lack of resources individually and as a community to create healthy conditions for people to live, work and play. Finally, transgender patients have higher rates of victimization and murder.



The biggest disparities that we are working on right now are infant mortality, lead poisoning, community violence and behavioral health. There is inequity imbedded into our economic and educational system that so greatly impact health outcomes.



- Key Stakeholder

Secondary Data

Prevention & Safety ranked fourth among all health topics with a score of 1.52. Further analysis was done to identify specific indicators of concern. Those indicators with high data scores (scoring at or above the threshold of 1.50) were categorized as indicators of concern and can be found in Appendix C and are discussed below. In addition, the

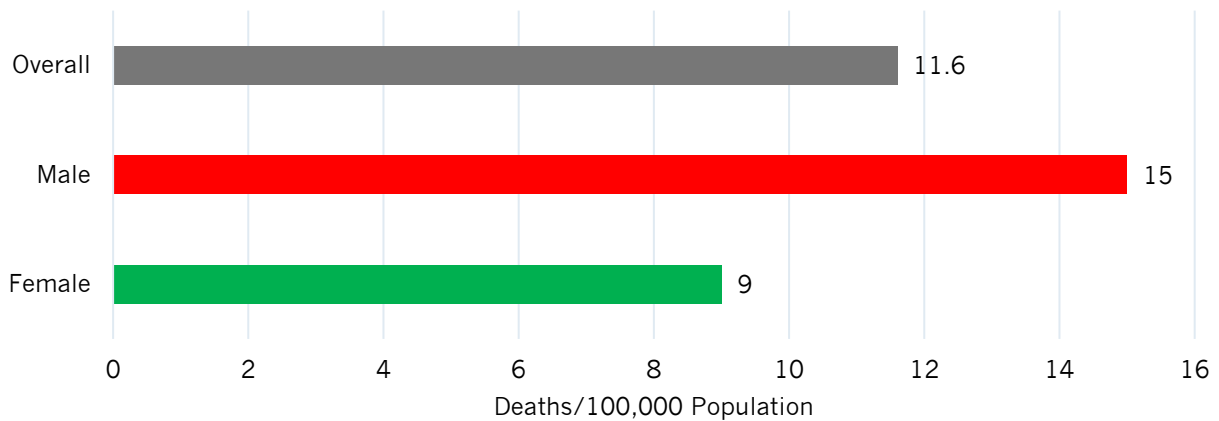
appendices also contain a description of methodology (Appendix A) and a full list of indicators with data scoring categorized within this topic area (Appendix C).

Death Rate due to Drug Poisoning ranked highest in this topic area for Cuyahoga County with a death rate of 42.6 deaths per 100,000 population, compared to Ohio's rate of 38.1 and the U.S. rate of 21.0. This indicator is also increasing significantly in Cuyahoga County.

Additionally, disparities were identified in this topic area for both Cuyahoga and Summit counties and are shown below.

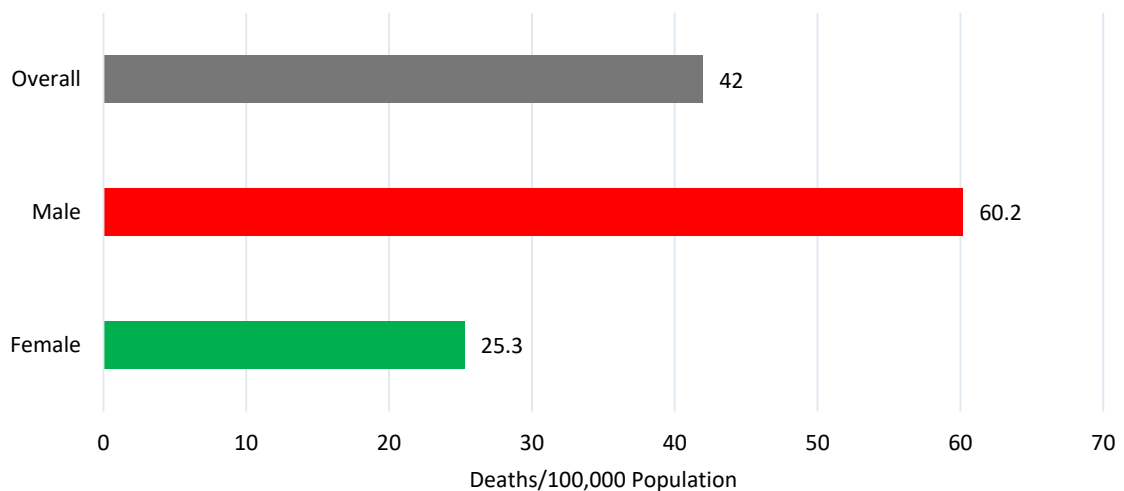
In Cuyahoga County, disparities exist for males in the following indicators: Age-Adjusted Death Rate due to Falls, Age-Adjusted Death Rate due to Unintentional Poisonings, and Age-Adjusted Death Rate due to Unintentional Injuries as seen in Figures 36, 37 and 38.

Figure 36. Age-Adjusted Death Rate due to Falls by Gender in Cuyahoga County



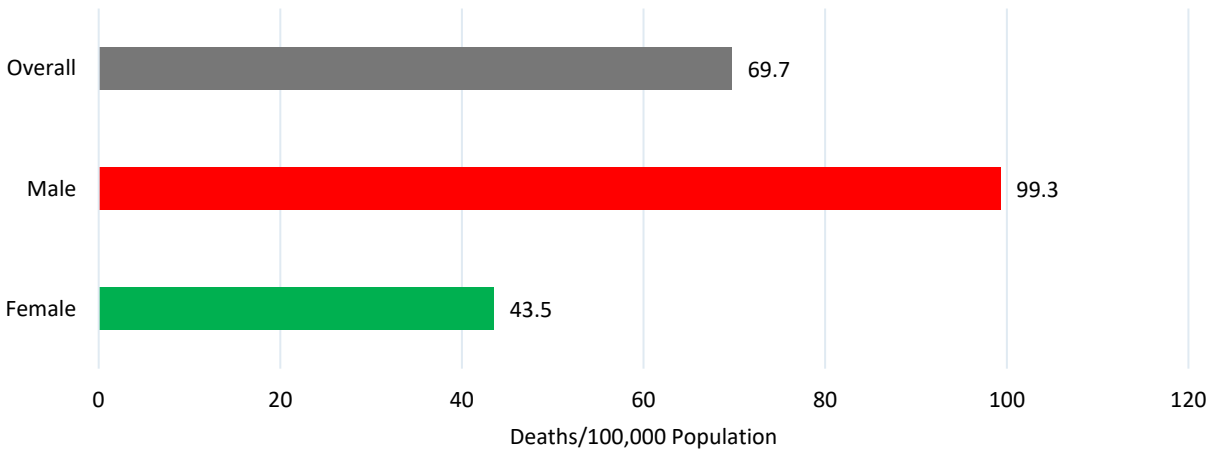
Source: Centers for Disease Control and Prevention, 2017-2019

Figure 37. Age-Adjusted Death Rate due to Unintentional Poisonings by Gender in Cuyahoga County



Source: Centers for Disease Control and Prevention, 2017-2019

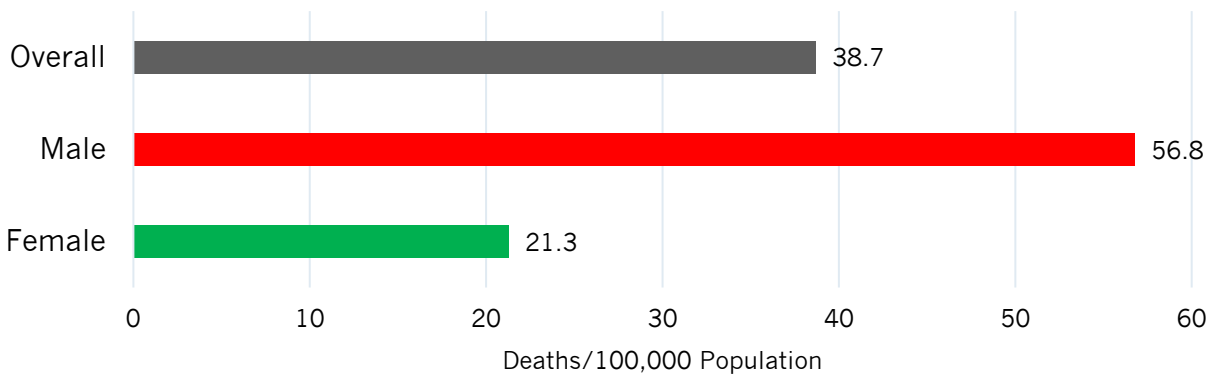
Figure 38. Age-Adjusted Death Rate due to Unintentional Injuries by Gender in Cuyahoga County



Source: Centers for Disease Control and Prevention, 2017-2019

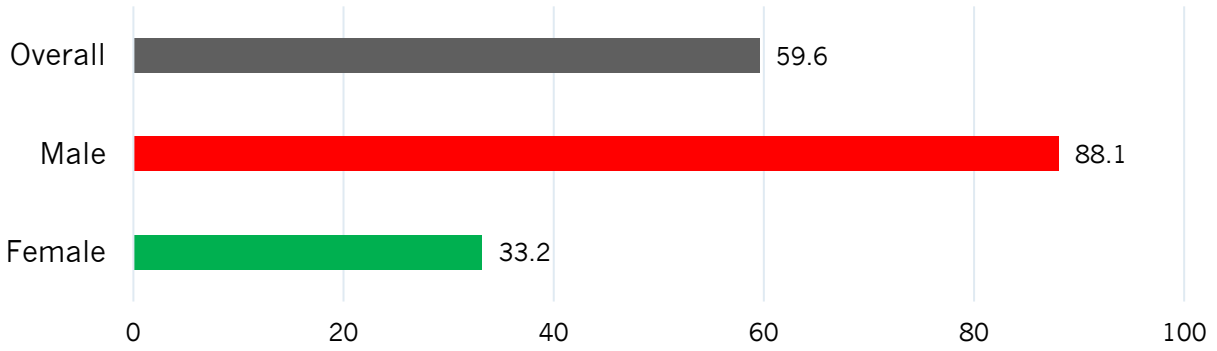
Similarly, males in Summit and Lake counties also have higher values of age-adjusted death rates due to unintentional poisonings and injuries as seen in Figures 39, 40, 41 and 42.

Figure 39. Adjusted Death Rate due to Unintentional Poisonings by Gender in Summit County



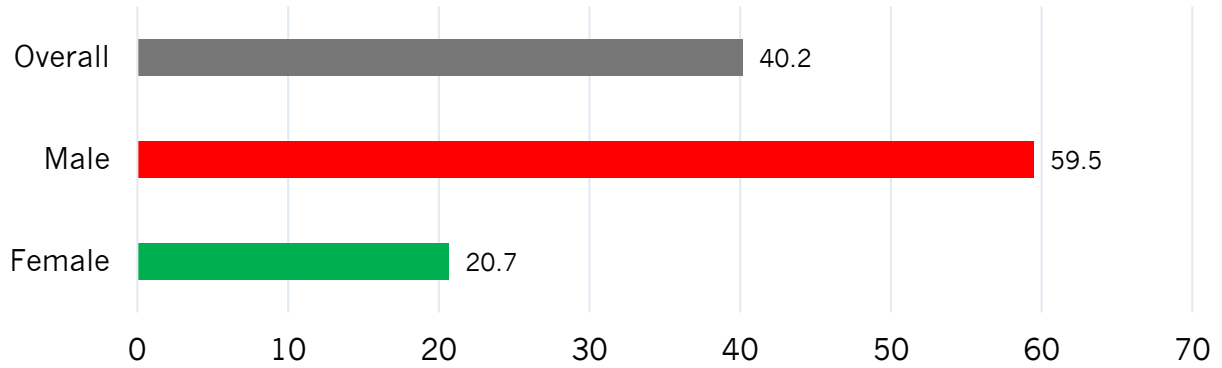
Source: Centers for Disease Control and Prevention, 2017-2019

Figure 40. Age-Adjusted Death Rate due to Unintentional Injuries by Gender in Summit County



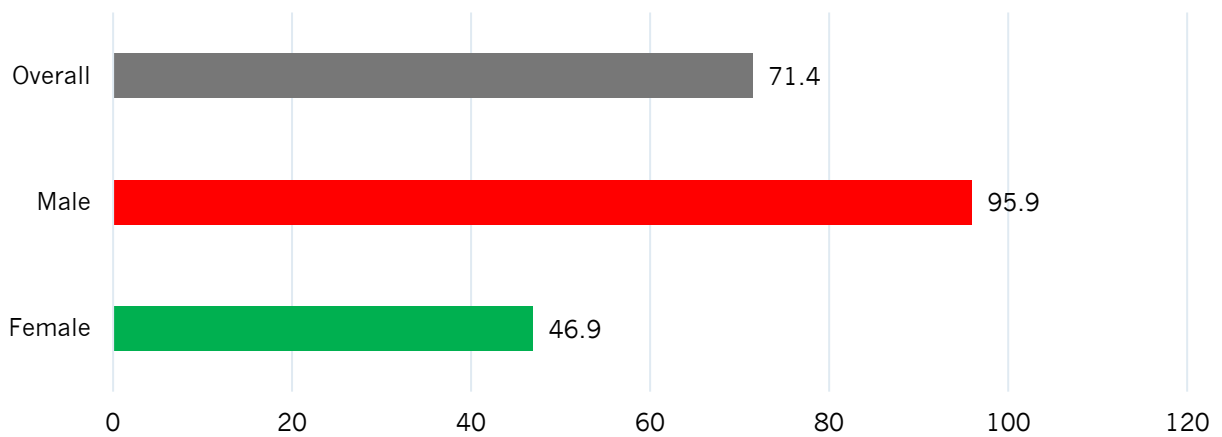
Deaths/100,000 Population
Source: Centers for Disease Control and Prevention, 2017-2019

Figure 41. Age-Adjusted Death Rate due to Unintentional Poisonings by Gender in Lake County



Deaths/100,000 Population
Source: Centers for Disease Control and Prevention, 2017-2019

Figure 42. Age-Adjusted Death Rate due to Unintentional Injuries by Gender in Lake County



Deaths/100,000 Population
Source: Centers for Disease Control and Prevention, 2017-2019

2022 Hillcrest Hospital CHNA Alignment

The final prioritized health needs from this 2022 Hillcrest Hospital CHNA are in alignment with some of the top priorities and factors influencing health outcomes from the 2019 Ohio State Health Assessment/State Health Improvement Plan. They continue alignment with the 2019 Hillcrest CHNA priority areas. The check mark icon in Figure 43 indicates areas of alignment.

Figure 43. Hillcrest Hospital CHNA Alignment

2019 Ohio SHA/SHIP	2019 Hillcrest Hospital CHNA	2022 Hillcrest Hospital CHNA
<p>Top Health Priorities:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> • Mental Health & Addiction <input checked="" type="checkbox"/> • Chronic Disease <input checked="" type="checkbox"/> • Maternal and Infant Health <p>Top Priority Factors Influencing Health Outcomes:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> • Community Conditions <input checked="" type="checkbox"/> • Health Behaviors <input checked="" type="checkbox"/> • Access to Care 	<p>Priority Health Areas:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> • Access to Affordable Healthcare <input checked="" type="checkbox"/> • Addiction and Mental Health <input checked="" type="checkbox"/> • Chronic Disease Prevention and Management <input checked="" type="checkbox"/> • Infant Mortality <input checked="" type="checkbox"/> • Socioeconomic Concerns • Medical Research and Health Professions Education 	<p>Prioritized Health Needs:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> • Access to Healthcare <input checked="" type="checkbox"/> • Behavioral health (Mental health and Substance Use Disorder) <input checked="" type="checkbox"/> • Chronic disease prevention and management <input checked="" type="checkbox"/> • Maternal and child health <input checked="" type="checkbox"/> • Socioeconomic issues

Appendices Summary

A. Methodology

An overview of methods used to collect and analyze data from both secondary and primary sources.

B. Impact Evaluation

A detailed overview of progress made on the 2019 Implementation Strategy planning, development and roll-out as well as email and web contacts for more information on the 2022 CHNA.

C. Secondary Data Methodology and Scoring Tables

A detailed overview of the Conduent HCI data scoring methodology and indicator scoring results from the secondary data analysis.

D. Community Input Assessment Tools

Quantitative and qualitative community feedback data collection tools, stakeholders and organizations that were vital in capturing community feedback during this collaborative CHNA:

- Community Engagement Session Questions
- Key Stakeholder Interview Questions
- Key Stakeholder and Community Organizations

E. Community Partners and Resources

The tables in this section acknowledge community partners and organizations who supported the CHNA process.

F. Acknowledgements

Appendix A: Methodology

Overview

Primary and secondary data were collected and analyzed to inform the 2022 CHNA. Primary data consisted of community engagement session discussions and key stakeholder interviews. The secondary data included indicators of health outcomes, health behaviors and social determinants of health. The methods used to analyze each type of data are outlined below. This analysis was conducted at the county-level and included data for Cuyahoga, Geauga, Lake, Portage, and Summit counties. The findings from each data source were then synthesized and organized by health topic to present a comprehensive overview of health needs in the Hillcrest Hospital Community.

Secondary Data Sources & Analysis

The main source for the secondary data, or data that have been previously collected, is the community indicator database maintained by Conduent Healthy Communities Institute. The following is a list of both local and national sources used in the Hillcrest Hospital Community Health Needs Assessment:

- American Community Survey
- American Lung Association
- Annie E. Casey Foundation
- CDC - PLACES
- Centers for Disease Control and Prevention
- Centers for Medicare & Medicaid Services
- Claritas Consumer Buying Power
- Claritas Consumer Profiles
- County Health Rankings
- Feeding America
- Healthy Communities Institute
- National Cancer Institute
- National Center for Education Statistics
- National Environmental Public Health Tracking Network
- Ohio Department of Education
- Ohio Department of Health, Infectious Diseases
- Ohio Department of Health, Vital Statistics

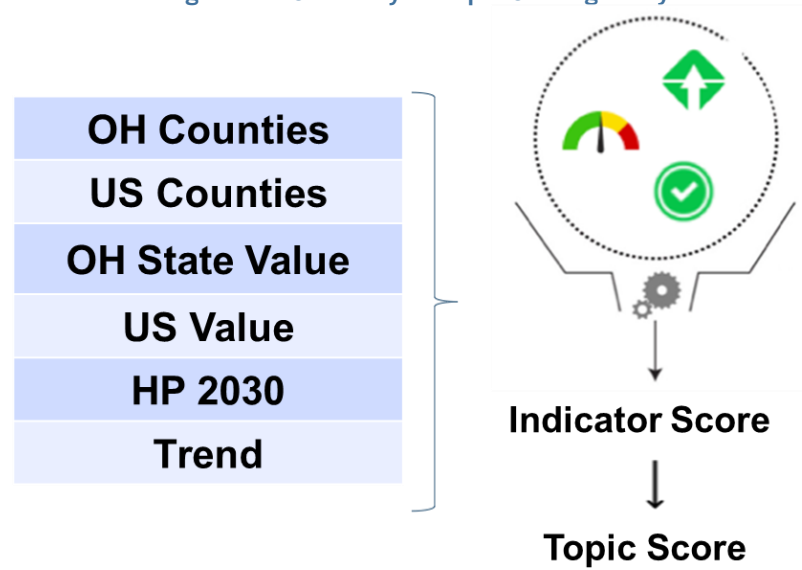
- Ohio Department of Public Safety, Office of Criminal Justice Services
- Ohio Public Health Information Warehouse
- Ohio Secretary of State
- U.S. Bureau of Labor Statistics
- U.S. Census - County Business Patterns
- U.S. Department of Agriculture - Food Environment Atlas
- U.S. Environmental Protection Agency
- United For ALICE

Secondary data used for this assessment were collected and analyzed from HCI's community indicator database. This database, maintained by researchers and analysts at HCI, includes 300 community indicators from at least 25 state and national data sources. HCI carefully evaluates sources based on the following three criteria: the source has a validated methodology for data collection and analysis; the source has scheduled, regular publication of findings; and the source has data values for small geographic areas or populations.

Secondary Data Scoring

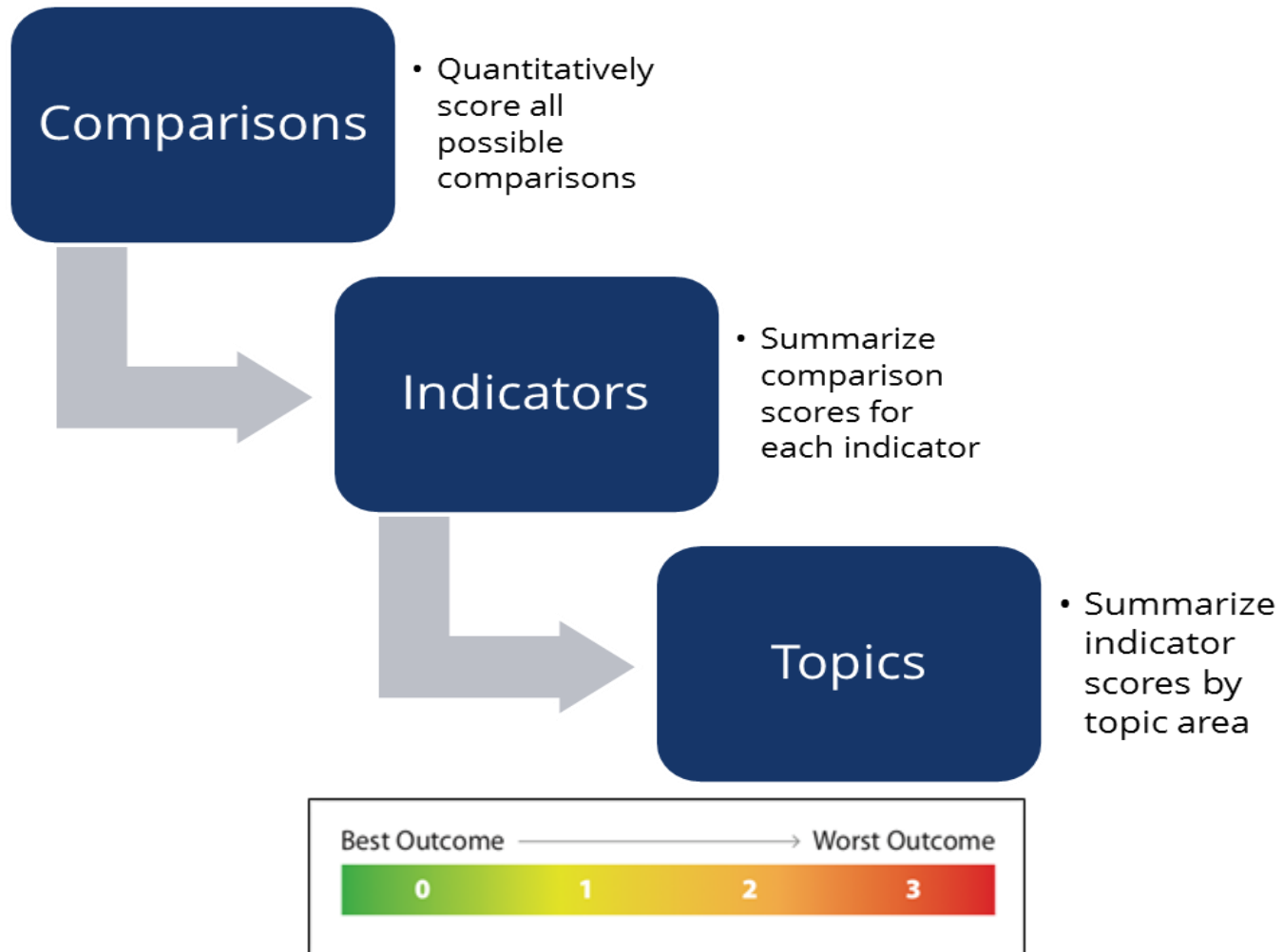
HCI's Data Scoring Tool (Figure 44) was used to systematically summarize multiple comparisons in order to rank indicators based on highest need. This analysis was completed at the county level. For each indicator, the community value was compared to a distribution of Ohio and US counties, state and national values, Healthy People 2030, and significant trends were noted. These comparison scores range from 0-3, where 0 indicates the best outcome and 3 the worst. Availability of each type of comparison varies by indicator and is dependent upon the data source, comparability with data collected for other communities and changes in methodology over time. The comparison scores were summarized for each indicator, and indicators were then grouped into topic areas for a systematic ranking of community health needs.

Figure 44: Summary of Topic Scoring Analysis



Secondary Data Scoring

Data scoring is done in three stages:



Each indicator available is assigned a score based on its comparison to other communities, whether health targets have been met, and the trend of the indicator value over time. These comparison scores range from 0-3, where 0 indicates the best outcome and 3 the worst. Availability of each type of comparison varies by indicator and is dependent upon the data source, comparability with data collected for other communities and changes in methodology over time. Indicators are categorized into topic areas and each topic area receives a score. Indicators may be categorized in more than one topic area. Topic scores are determined by the comparisons of all indicators within the topic. This process was completed separately for the three counties within the Hillcrest Hospital Community: Cuyahoga, Geauga, Lake, Portage, and Summit counties. To calculate the overall highest needs topic area scores, an average was taken for each topic area across counties. Each county's values were weighted the same. More details about topics scores and the average score for the Hillcrest Hospital Community, see Appendix C.

Comparison to a Distribution of County Values: Within State and Nation

For ease of interpretation and analysis, indicator data on the Community Dashboard is visually represented as a green-yellow-red gauge showing how the community is faring against a distribution of counties in the state or the United States. A distribution is created by taking all county values within the state or nation, ordering them from low to high, and dividing them into three groups (green, yellow, red) based on their order. Indicators with the poorest comparisons (“in the red”) scored high, whereas indicators with good comparisons (“in the green”) scored low.

Comparison to Values: State, National, and Targets

Each county is compared to the state value, the national value, and target values. Target values include the nation-wide Healthy People 2030 (HP2030) goals. Healthy People 2030 goals are national objectives for improving the health of the nation set by the Department of Health and Human Services' Healthy People Initiative. For all value comparisons, the scoring depends on whether the county value is better or worse than the comparison value, as well as how close the county value is to the target value.

Trend over Time

The Mann-Kendall statistical test for trend was used to assess whether the county value is increasing over time or decreasing over time, and whether the trend is statistically significant. The trend comparison uses the four most recent comparable values for the county, and statistical significance is determined at the 90% confidence level. For each indicator with values available for four time periods, scoring was determined by direction of the trend and statistical significance.

Missing Values

Indicator scores are calculated using the comparison scores, availability of which depends on the data source. If the comparison type is possible for an adequate proportion of indicators on the community dashboard, it will be included in the indicator score. After exclusion of comparison types with inadequate availability, all missing comparisons are substituted with

a neutral score for the purposes of calculating the indicator’s weighted average. When information is unknown due to lack of comparable data, the neutral value assumes that the missing comparison score is neither good nor bad.

Indicator Scoring

Indicator scores are calculated as a weighted average of all included comparison scores. If none of the included comparison types are possible for an indicator, no score is calculated, and the indicator is excluded from the data scoring results. A full list of indicators and their scores can be seen in Appendix C.

Topic Scoring

Indicator scores are averaged by topic area to calculate topic scores. Each indicator may be included in up to three topic areas if appropriate. Resulting scores range from 0-3, where a higher score indicates a greater level of need as evidenced by the data. A topic score is only calculated if it includes at least three indicators.

Examples of the health and quality of life topic areas available through this analysis are described as follows:

Quality of Life	Health	
Community	Adolescent Health	Older Adults
Economy	Alcohol & Drug Use	Oral Health
Education	Cancer	Other Conditions
Environmental Health	Children’s Health	Prevention & Safety
	Diabetes	Physical Activity
	Health Care Access and Quality	Respiratory Diseases
	Heart Disease & Stroke	Sexually Transmitted Infections
	Immunization & Infectious Diseases	Tobacco Use
	Maternal, Fetal & Infant Health	Women’s Health
	Medications & Prescriptions	Wellness & Lifestyle
	Mental Health & Mental Disorders	Weight Status
	Nutrition & Healthy Eating	

Table 2 shows the health and quality of life topic scoring results for the Hillcrest Hospital Community, ranked in order of highest need. Medications & Prescriptions scored as the poorest performing topic area with a score of 2.12, followed by Other Conditions with a score of 1.64. Topics that received a score of 1.50 or higher were considered a significant health need. Nine topics scored at or above the threshold. Topic areas with fewer than three indicators were considered a data gap.

Table 2: Top Secondary Data Health Needs

Top Secondary Data Health Needs
Medications & Prescriptions
Other Conditions
Alcohol & Drug Use
Prevention & Safety
Women's Health
Older Adults
Cancer

Index of Disparity

An important part of the CHNA process is to identify health disparities, the needs of vulnerable populations and unmet health needs or gaps in services. There were several ways in which subpopulation disparities were examined by county. For secondary data health indicators, the Index of Disparity tool was utilized to see if there were large, negative, and concerning differences in indicator values between each subgroup data value and the overall county value. The Index of Disparity was run for each county, and the indicators with the highest race or ethnicity index value were found.

Health Equity Index

Every community can be described by various social and economic factors that can contribute to disparities in health outcomes. Conduent HCI's Health Equity Index (formerly SocioNeeds Index) considers validated indicators related to income, employment, education, and household environment to identify areas at highest risk for experiencing health inequities.

How is the index value calculated?

The national index value (ranging from 0 to 100) is calculated for each zip code, census tract, and county in the U.S. Communities with the highest index values are estimated to have the highest socioeconomic needs correlated with preventable hospitalizations and premature death.

What do the ranks and colors mean?

Ranks and colors help to identify the relative level of need within a community or service area. The national index value for each location is compared to all other similar locations within the community area to assign a relative rank (from 1 to 5) locally. These ranks are used to color the map and chart for the Health Equity Index, with darker coloring associated with higher relative need.

Food Insecurity Index

Every community can be described by various health, social, and economic factors that can contribute to disparities in outcomes and opportunities to thrive. Conduent HCI's Food Insecurity Index considers validated indicators related to income, household environment and well-being to identify areas at highest risk for experiencing food insecurity.

How is the index value calculated?

The national index value (ranging from 0 to 100) is calculated for each zip code, census tract, and county in the U.S. Communities with the highest index values are estimated to have the highest food insecurity, which is correlated with household and community measures of food-related financial stress such as Medicaid and SNAP enrollment.

What do the ranks and colors mean?

Ranks and colors help to identify the relative level of need within a community or service area. The national index value for each location is compared to all other similar locations within the community area to assign a relative rank (from 1 to 5) locally. These ranks are used to color the map and chart for the Food Insecurity Index, with darker coloring associated with higher relative need.

Mental Health Index

Every community can be described by various health, social, and economic factors that can contribute to disparities in mental health outcomes. Conduent HCI's Mental Health Index considers validated indicators related to access to care, physical health status, transportation, employment and household environment to identify areas at highest risk for experiencing poor mental health.

How is the index value calculated?

The national index value (ranging from 0 to 100) is calculated for each zip code, census tract, and county in the U.S. Communities with the highest index values are estimated to have the highest socioeconomic and health needs correlated with self-reported poor mental health.

What do the ranks and colors mean?

Ranks and colors help to identify the relative level of need within a community or service area. The national index value for each location is compared to all other similar locations within the community area to assign a relative rank (from 1 to 5) locally. These ranks are used to color the map and chart for the Mental Health Index, with darker coloring associated with higher relative need.

Table 3 below lists each zip code within the Hillcrest Hospital Community and their respective HEI, FII, and MHI values.

Table 3: HEI, FII and MHI Values for Zip codes within the Hillcrest Hospital Community

Zip Code	HEI Value	FII Value	MHI Value
44004	90.1	85.3	95.3
44022	1.1	2	38.9
44023	2.4	3	31.3
44024	11	17.8	32.5
44026	9.5	6.4	28.4
44040	0.9	0.4	7.9
44056	7.7	6.3	20.2
44057	37	40.6	71.9
44060	17.3	25	61.9
44067	11.4	10.7	53.9
44077	28.1	40.3	73.6
44081	25.4	19.5	36.4
44087	12.7	19.8	60.7
44092	32.1	45.4	75.2
44094	17	27.1	70.3
44095	42.7	43.5	75
44118	19.8	41.4	80.5
44120	84	88.4	99.2
44121	49.6	77.5	92.2
44122	7.8	24.1	87.9
44123	79.4	89.4	98.3
44124	13	18.5	80.3
44125	70.2	81.3	94.5
44128	92.8	96.1	99.7
44132	81.2	91.6	98.2
44137	82.8	86.2	97.7
44139	4.3	8.6	25.9

44143	20	25.4	89
44146	53.9	71.2	96.4
44202	6.5	5.9	39.9

Data Considerations

Several limitations of data should be considered when reviewing the findings presented in this report. Although the topics by which data are organized cover a wide range of health and health-related areas, data availability varies by health topic. Some topics contain a robust set of secondary data indicators, while others may have a limited number of indicators or limited subpopulations covered by those specific indicators.

Data scores represent the relative community health need according to the secondary data for each topic and should not be considered a comprehensive result on their own. In addition, these scores reflect the secondary data results for the population as a whole and do not represent the health or socioeconomic need that is much greater for some subpopulations. Moreover, many of the secondary data indicators included in the findings are collected by survey, and though specific methods are used to best represent the population at large, these measures are subject to instability, especially for smaller populations. The Index of Disparity is also limited by data availability, where indicator data varies based on the population groups and service areas being analyzed.

Race or Ethnic and Special Population Groupings

The secondary data presented in this report derive from multiple sources, which may present race and ethnicity data using dissimilar nomenclature. For consistency with data sources throughout the report, subpopulation data may use different terms to describe the same or similar groups of community members.

Zip Codes and Zip Code Tabulation Areas

This report presents both Zip Code and Zip Code Tabulation Area (ZCTA) data. Zip Codes, which were created by the U.S. Postal Service to improve mail delivery service, are not reported in this assessment as they may change, include P.O. boxes or cover large unpopulated areas. This assessment cover ZCTAs or Zip Code Tabulation Areas which were created by the U.S. Census Bureau and are generalized representations of Zip Codes that have been assigned to census blocks.

Demographics for this report are sourced from the United States Census Bureau, which presents ZCTA estimates. Tables and figures in the Demographics section of this report reference Zip Codes in title (for purposes of familiarity) but show values of ZCTAs. Data from other sources are labeled as such.

Primary Data Collection & Analysis

Primary data used in this assessment consisted of a community engagement session and key stakeholder interviews. These findings expanded upon the information gathered from the secondary data analysis.

Community Engagement Session Methodology and Results

Hillcrest Hospital invited members of the hospital Community Advisory Council (CAC) to participate in a community engagement session. The session was held virtually on June 22, 2022. Participants answered four questions including:

1. What are the most important health problems in the community?
2. What barriers or challenges to improving health exist in your community?
3. What community groups, populations, or neighborhoods are underserved?
4. What can be done to improve the health in your community?

At the end of the session, participants were also asked to describe interventions or programs they are aware of that have been successful in improving health in the community.

The project team captured detailed records of the discussion through transcripts and a polling tool (Poll Everywhere®). Figure 45 shows the results from analysis of inputs collected from these tools.

Figure 45: Community Engagement Session Findings

Top health issues	Barriers/Social Determinants of Health	Populations most impacted
<ul style="list-style-type: none"> • Mental Health • Older Adult Health • Substance Use 	<ul style="list-style-type: none"> • Older adult resource access--technology barriers, knowledge and navigation challenges, aging in place trends • Partnerships to develop and promote resources in the community--older adults 	<ul style="list-style-type: none"> • Low-income • Older Adults • African-American

Key Stakeholder Interviews Methodology and Results

The project team also captured detailed transcripts of the key stakeholder interviews. Table 4 describes the key stakeholder organizations contributing to the primary data collection process.

Table 4: Hillcrest Hospital Key Stakeholder Organizations

Key Stakeholder and Community Organizations	
<ul style="list-style-type: none"> • City of Cleveland Department of Public Health • Cuyahoga County Board of Health • Lorain County Public Health • Hillcrest Hospital Community Advisory Council 	<ul style="list-style-type: none"> • Neighborhood Family Practice • Birthing Beautiful Communities • Lead Safe Cleveland Coalition • Better Health Partnerships • NAMI Greater Cleveland • Asian Services in Action (ASIA) • Cleveland Clinic LGBTQ+ Care

	<ul style="list-style-type: none"> • Benjamin Rose Institute on Aging • Greater Cleveland Food Bank • The Gathering Place • Cuyahoga Metropolitan Housing Authority • Esperanza • The Centers for Families and Children
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The transcripts were analyzed using the qualitative analysis program Dedoose 2®. Text was coded using a pre-designed codebook-organized by themes and analyzed for significant observations. Figure 46 shows key findings from community stakeholder interviews specific to the Hillcrest Hospital Community.

Figure 46: Key Stakeholder Findings



Findings from both the community engagement session and key stakeholder interview analyses were combined with findings from secondary data and incorporated into the Data Synthesis and Prioritized Health Needs.

Appendix B: Impact Evaluation

The CHNA process should be viewed as a three-year cycle to evaluate the impact of actions taken to address priority areas. This step affirms organizations focus and target efforts during the next CHNA cycle. The top health priorities for the Hillcrest Hospital Community from the 2019 CHNA were:

- Access to Affordable Healthcare
- Addiction and Mental Health
- Chronic Disease Prevention and Management
- Infant Mortality
- Socioeconomic Concerns
- Medical Research and Health Professions Education

Implementation strategies for these health topics shifted in response to the COVID-19 pandemic. Innovative strategies were adopted to continue building capacity for addressing the community health needs.

Actions Taken Since Previous CHNA

Hillcrest Hospital's previous Implementation Strategy Report (ISR) outlined a plan for addressing the following priorities identified in the 2019 CHNA: Addiction and Mental Health, Chronic Disease Prevention and Management, Infant Mortality, Socioeconomic Concerns, Access to Affordable Health Care, Medical Research and Health Professions Education.

The ISR was conducted before the onset of COVID 19, and therefore, does not reflect the pandemic's impact which dramatically affected community and hospital services. Many of our hospital services were paused or deferred as we navigated the emergent COVID 19 landscape. Caring for our community is essential, and part of that is sharing accurate, up-to-date information on health-related topics with our community. We provided COVID 19 education, vaccine distribution and collaborative services with government, health departments and community based organizations to keep our communities safe. As we continue to serve our communities we are committed to addressing the needs identified in the previous ISR.

Cleveland Clinic uses evidence-based approaches in the delivery of healthcare services and educational outreach with the aim of achieving healthy outcomes for the community it serves. It undertakes periodic monitoring of its programs to measure and determine their effectiveness and ensure that best practices continue to be applied. Given that the process for evaluating the impact of various services and programs on population health is longitudinal by nature, significant changes in health outcomes may not manifest for several community health needs assessment cycles. We continue to evaluate the cumulative impact.

The narrative below describes the strategies, modifications made to the action plans, and highlighted impacts for each health priority area.

Addiction and Mental Health

Actions and Highlighted Impacts:

- a. In addition to direct patient care, Cleveland Clinic's Opioid Awareness Center, provided intervention and treatment for substance abuse disorders to Cleveland Clinic caregivers and their family members.
 - Opioid misuse continues to be a public health emergency, contributing to over 50,000 U.S. deaths a year. About 40% of those deaths involve prescription opioids. Our comprehensive efforts to improve opioid prescribing have yielded reductions in these prescriptions by our providers for two years running, including a large improvement in 2021.
- b. Through the Opioid Awareness Center, participated in the Northeast Ohio Hospital Opioid Consortium and Cuyahoga County Opiate Task Force, and community-based classes and presentations. Cleveland Clinic continues to provide preventative education and share evidence-based practices.
- c. In partnership with the Cleveland Clinic Pediatric Institute, engage Mayfield students in health education. Due to COVID restrictions, all student education provided by outside organizations was suspended throughout 2020 & 2021 at Mayfield Schools.
- d. In partnership with the Geauga ADAMHS Board, provided an opioid community health education program. Due to COVID restrictions, no community programs were being offered.
- e. Cleveland Clinic developed suicide and self-harm policies procedures and screening tools for patients in a variety of care settings.

Chronic Disease Prevention and Management

Actions and Highlighted Impacts:

- a. Improve management of chronic conditions through Chronic Care Clinics employing a specialized model of care.
 - COVID 19 created a delay in treatment for many community members. We launched an effort to connect patients with care, proactively contacting over 300,000 patients and scheduling 57,000 appointments. This outreach is prompting more patients to complete recommended screening tests, allowing earlier detection of cancers and other diseases when they are most treatable. For example, 1,700 precancerous lesions of the colon have been detected earlier as a result — a key part of preventing colon cancer.

- Many in-person community programs were paused by COVID 19. When COVID-19 vaccines became available, we co-led a nationwide campaign to encourage adults to get vaccinated. The coalition of 60 top hospitals and healthcare institutions communicated the vaccines' safety and effectiveness through diverse digital and traditional media. Throughout the years, our health experts explained and advocated the benefits of vaccination at every opportunity, from patient visits to national media appearances. In late 2021, when cases of the omicron variant surged and hospitals filled with unvaccinated patients, we joined with five other Northeast Ohio hospital systems in an advertising campaign urging the public to get vaccinated and take other precautions.
- b. In collaboration with the Community Partnership on Aging, provided health promotion programs for older adults.
 - c. Through a partnership with the City of Mayfield Heights, the city's Employee Wellness Initiative with biometric screenings and health education was paused due to COVID.
 - d. Provided free mammograms and skin cancer screenings in partnership with the Willoughby Hills and Stephanie Tubbs Jones Family Health Centers.
 - In collaboration with Taussig Cancer Center & Radiology Institute, Hillcrest Hospital reached out to women who lacked healthcare access, experienced barriers or were un-insured to schedule and complete a mammogram. These mammogram clinics were promoted in Cuyahoga, Lake and Geauga counties; they were held at the Willoughby Hills Family Health Center. Women who needed further assistance after an abnormal mammogram were contacted by the Hillcrest Cancer Center Community Outreach nurse who assisted in follow-up appointments.
 - In collaboration with the Dermatology Institute, Hillcrest Cancer Center provided a community skin cancer screening event in 2019.
 - e. In partnership with the Euclid Public Library, provided a quarterly health education program.
 - f. Provided cancer-related health promotion messaging, health education, and outreach within local schools and community-based settings.
 - Hillcrest Cancer Center community education programs on topics of cervical, breast, skin and colon cancers as well as HPV vaccine in 2019.
 - Hillcrest Cancer Center provided health education to Mayfield High School students on the topics of breast, cervical and testicular cancers in 2019.
 - g. Through the Healthy Communities Initiative (HCI), partnered to fund programs designed to improve health outcomes in four core areas: physical activity, nutrition, smoking, and lifestyle management.

- Prior to COVID 19, Healthy Communities Initiative provided in 23 programs in 59 NE Ohio zip codes with total participation of 2,813 community residents. Results indicated decreased blood pressure abnormality, increased physical activity and increased healthy eating behaviors.

Infant Mortality

Actions and Highlighted Impacts:

- Provided expanded evidence-based health education to expecting mothers and families.
- Hillcrest Hospital provided community education in efforts to support pregnant persons with resources and best practices to reduce infant and maternal health and have a successful pregnancy.
- Fairview Hospital, Hillcrest Hospital and Akron General Medical Center provided Childbirth Education and Lactation Services, in-person and virtually, to over 10,000 families in 2020 and over 12,000 families in 2021.
- We established a Pregnancy Early Assessment Clinic (PEAC) to focus on early pregnancy complications. As one of the few clinics like it in the U.S., the PEAC ensures newly pregnant individuals access the care they need, when they need it.
- Participated in First Year Cleveland, the Cuyahoga County Infant Mortality Task Force to gather data, align programs, and coordinate a systemic approach to improving infant mortality. In 2020 and 2021 Cleveland Clinic physicians provided clinical and administrative expertise on the Executive Board of First Year Cleveland.
- Expanded capacity to offer the Centering Pregnancy group prenatal care model to expecting mothers and market the program to community members.
- Cleveland Clinic is acting to address health disparities and give all infants a healthy start. We expanded Centering programs to bring new mothers together for supportive prenatal care and parenting education. Centering Pregnancy groups provided in-person, virtually and hybrid in Cuyahoga, Summit and Lorain Counties.
- Cleveland Clinic is providing obstetric navigators to promote maternity care and help parents with food, transport and other socioeconomic needs.
- Outreach events like Community Baby Showers provided health information to families in specific high-risk geographical areas and encourage enrollment in supportive evidence-based programs. Community health education continued through virtual education and Centering programs.
- Provided safe sleep education for all families within childbirth classes and the Hillcrest Hospital Family Maternity Center through partnerships with Cribs for Kids and the Fatherhood Initiative, provide cribs or pack & play cribs to families in need.

Socioeconomic Concerns

Actions and Highlighted Impacts:

- a. Cleveland Clinic implemented a system-wide social determinants screening tool for adult patients to identify needs such as alcohol abuse, depression, financial strain, food insecurity, intimate partner violence, and stress.
- b. We implemented a common community referral data platform to coordinate services and ensure optimal communication.
 - Cleveland Clinic collaborated with Unite Ohio to build a coordinated care network of health and social service providers. Cleveland Clinic went live on the platform on July 2021 and has sent nearly 2,000 referrals with a gap closure of 44%.
- c. Cleveland Clinic piloted patient navigation programming within a partnership pathway HUB model using community health workers and/or the co-location of community organizations with hospital facilities.
- d. Participate in the Robert Wood Johnson Foundation (RWJF) Cross-Sector Innovation Initiative Project in Cuyahoga County which aims to impact structural racism across various sectors.
 - Cleveland Clinic is an inclusive organization that values diversity and equity. Our caregivers and leaders continue to become more diverse. Among newly hired or promoted leaders in 2021, 21% identify as an underrepresented minority. We will continue to make our caregiver family increasingly inclusive to better serve all our communities.
- e. Sponsored and participated in *Say Yes to Education Cleveland*, a consortium focused on increasing education levels, fostering population growth, improving college access and spurring economic growth.
- f. Provided workforce development and training opportunities for youth K-12 in clinical and non-clinical areas, empowering Northeast Ohio's next generation of leaders.
 - Hillcrest caregivers participated in Career Days at Mayfield High School in 2019 to highlight healthcare careers.
 - Hillcrest provided mentors to oversee clinical experiences for students enrolled in the Mayfield Schools Medical Tech program.
 - Hillcrest caregivers served as mentors for high school students who participated in the Summer Science Internship Program, which helps develop skills in communication, teamwork and knowledge of healthcare fields.
 - In 2021, Cleveland Clinic, an anchor institution in the Cleveland Innovation District, collaborated with the state of Ohio to launch in 2021 an initiative to advance healthcare and digital technology, attract and create new

- businesses, and train the workforce of the future. The state of Ohio and Cleveland Clinic pledged to contribute a combined \$565 million for the district — the largest research investment in our history.
- g. Provided transportation on a space-available basis to 1) patients within 5 miles of the Stephanie Tubbs Jones Health Center and Marymount, Euclid, Lutheran, and South Pointe Hospitals and 2) radiation oncology patients within 25 miles of Cleveland Clinic Main Campus, Hillcrest, and Fairview Hospitals.

Access to Affordable Health Care

Actions and Highlighted Impacts:

- a. Patient Financial Advocates assisted patients in evaluating eligibility for financial assistance or public health insurance programs.
 - Cleveland Clinic provided medically necessary services to all patients regardless of race, color, creed, gender, country of national origin, or ability to pay. The hospital has a financial assistance policy that is among the most generous in the region that covers both hospital services and physician services provided by physicians employed by the Cleveland Clinic. In 2021, Cleveland Clinic health system provided over \$178 million in financial assistance to its communities in Ohio, Florida, and Nevada.
- b. Provided parking vouchers to Emergency Department patients on campuses where parking fees are assessed.
- c. Provided walk-in care at Express Care Clinics and offer evening and weekend hours
- d. Utilizing medically secure online and mobile platforms, connected patients with Cleveland Clinic providers for telehealth and virtual visits.
 - In 2021, Cleveland Clinic provided 841,000 virtual visits.

Medical Research and Health Professions Education

Actions and Highlighted Impacts:

- a. Through medical research, advanced clinical techniques, devices and treatment protocols in the areas of cancer, heart disease, diabetes, and others.
 - Research into diseases and potential cures is an investment in people's long-term health.
 - In 2020, COVID-19 highlighted the significance of research in community health. Cleveland Clinic research findings increased knowledge about the virus and how best to respond to it. Our researchers developed the

world's first COVID-19 risk-prediction model, enabling healthcare providers to calculate an individual patient's likelihood of testing positive for infection as well as their probable outcome from the disease.

- For 2021, Cleveland Clinic's community benefit in support of research was \$101 million.
- b. Through the Center for Populations Health Research, informed clinical interventions, healthcare policy, and community partnerships.
- c. Sponsored high-quality medical education training programs for physicians, nurses, and allied health professionals.
 - Cleveland Clinic provided a wide range of high-quality medical education that includes accredited training programs for residents, physicians, nurses and allied health professionals. By educating medical professionals, we ensure that the public receives the highest level of medical care and will have access to highly trained health professionals in the future. For 2021, Cleveland Clinic's community benefit in support of education was \$322 million.

Community Feedback

Community Health Needs Assessment reports from 2019 were published on the Hillcrest Hospital website. No community feedback has been received as of the drafting of this report. For more information regarding Cleveland Clinic Community Health Needs Assessments and Implementation Strategy reports, please visit www.clevelandclinic.org/CHNAreports or contact CHNA@ccf.org.

Appendix C: Secondary Data Scoring Tables

Table 5: Hillcrest Hospital Community Definition

Zip code	Postal Name
44022	Chagrin Falls
44023	Chagrin Falls
44024	Chardon
44026	Chesterland
44040	Gates Mills
44045	Grand River
44056	Macedonia
44057	Madison
44060	Mentor
44067	Northfield
44077	Painesville
44081	Perry
44087	Twinsburg
44092	Wickliffe
44094	Willoughby
44095	Eastlake
44118	Cleveland
44120	Cleveland
44121	Cleveland
44122	Beachwood
44123	Euclid
44124	Cleveland
44125	Cleveland
44128	Cleveland
44132	Euclid
44137	Maple Heights
44139	Solon

44143	Cleveland
44146	Bedford
44202	Aurora

Table 6: Population Estimates for Each Zip Code

Zip code	City	Population
44022	Chagrin Falls	16,280
44023	Chagrin Falls	18,449
44024	Chardon	23,429
44026	Chesterland	10,800
44040	Gates Mills	2,842
44045	Grand River	429
44056	Macedonia	12,677
44057	Madison	19,687
44060	Mentor	59,531
44067	Northfield	20,941
44077	Painesville	59,067
44081	Perry	7,235
44087	Twinsburg	22,289
44092	Wickliffe	16,457
44094	Willoughby	36,802
44095	Eastlake	32,044
44118	Cleveland	38,730
44120	Cleveland	34,405
44121	Cleveland	31,150
44122	Beachwood	34,095
44123	Euclid	16,557
44124	Cleveland	37,673
44125	Cleveland	26,717
44128	Cleveland	27,367
44132	Euclid	14,033

44137	Maple Heights	21,557
44139	Solon	24,579
44143	Cleveland	23,896
44146	Bedford	28,999
44202	Aurora	20,774

Table 7: Percentage of Families Living Below Poverty Level for Each Zip Code

Zip Code	City	Families Below Poverty Level (%)
44022	Chagrin Falls	1.5%
44023	Chagrin Falls	1.9%
44024	Chardon	3.9%
44026	Chesterland	2.3%
44040	Gates Mills	3.5%
44045	Grand River	9.5%
44056	Macedonia	1.9%
44057	Madison	6.1%
44060	Mentor	3.8%
44067	Northfield	2.2%
44077	Painesville	6.5%
44081	Perry	5.0%
44087	Twinsburg	6.1%
44092	Wickliffe	3.8%
44094	Willoughby	4.3%
44095	Eastlake	6.2%
44118	Cleveland	7.8%
44120	Cleveland	16.4%
44121	Cleveland	10.8%
44122	Beachwood	4.8%

44123	Euclid	15.9%
44124	Cleveland	3.9%
44125	Cleveland	10.3%
44128	Cleveland	19.5%
44132	Euclid	16.1%
44137	Maple Heights	15.4%
44139	Solon	3.9%
44143	Cleveland	4.6%
44146	Bedford	8.1%
44202	Aurora	3.3%

Table 8: Secondary Data Results by Health Topic—Cuyahoga, Geauga, Lake, Summit and Portage Counties

HEALTH TOPICS	CUYAHOGA	GEAUGA	LAKE	SUMMIT	PORTAGE	AVG
Alcohol & Drug Use	1.73	1.27	1.81	1.51	1.51	1.57
Cancer	1.71	1.21	1.55	1.51	1.52	1.50
Children's Health	1.72	1.33	1.21	1.41	1.41	1.42
Diabetes	1.17	0.62	1.04	1.29	1.13	1.05
Health Care Access & Quality	1.21	1.57	1.57	1.26	1.41	1.40
Heart Disease & Stroke	1.35	1.19	1.49	1.28	1.45	1.35
Immunizations & Infectious Diseases	1.20	1.15	1.02	1.27	0.86	1.10
Maternal, Fetal & Infant Health	1.56	1.23	1.06	1.63	1.32	1.36
Medications & Prescriptions	1.72	2.50	2.50	2.22	1.66	2.12
Mental Health & Mental Disorders	1.39	0.99	1.16	1.66	1.52	1.34
Nutrition & Healthy Eating	1.31	1.61	1.47	1.67	1.39	1.49
Older Adults	1.65	1.24	1.58	1.63	1.41	1.50
Oral Health	1.14	0.67	1.15	0.86	1.38	1.04
Other Conditions	1.83	1.45	1.69	1.83	1.38	1.64
Physical Activity	1.39	1.39	1.47	1.47	1.54	1.45

Prevention & Safety	2.21	1.16	1.92	1.24	1.07	1.52
Respiratory Diseases	1.23	1.10	1.13	1.38	1.19	1.21
Tobacco Use	1.19	1.31	1.06	1.36	1.56	1.30
Wellness & Lifestyle	1.49	1.17	1.17	1.33	1.33	1.30
Women's Health	1.46	1.59	1.62	1.58	1.34	1.52
QUALITY OF LIFE TOPIC	SCORE					
Community	1.66	1.15	1.14	1.30	1.17	1.28
Economy	1.68	0.83	0.82	1.28	1.10	1.14
Education	1.55	1.35	1.55	1.54	1.29	1.46
Environmental Health	1.53	1.32	1.31	1.43	1.41	1.40

Secondary Data Scoring Indicators of Concern

From the secondary data scoring results, Health Care Access & Quality ranked as the 11th highest scoring health need, with a score of 1.40. Further analysis was done to identify specific indicators of concern. Those indicators with high data scores (scoring at or above the threshold of 1.50) were categorized as indicators of concern and are listed in Table 9 below. For each indicator, there is an indicator score, county value, state value, and national value (where available). Additionally, there are state and national county distributions for comparison along with indicator trend information. The legend (Figure 47) on the right shows how to interpret the distribution gauges and trend icons used in the data scoring results for each health topic by county (Table 8).

Figure 47: Prioritized Health Needs




















	If the needle is in the red, the county value is in the worst 25% (or worst quartile) of counties in the state or nation.
	If the needle is in the green, the county value is in the best 50% of counties in the state or nation.
	The indicator is trending down, significantly, and this is not the ideal direction.
	The indicator is trending down and this is not the ideal direction.
	The indicator is trending up, significantly, and this is not the ideal direction.
	The indicator is trending up and this is not the ideal direction.
	The indicator is trending down, significantly, and this is the ideal direction.
	The indicator is trending down and this is the ideal direction.
	The indicator is trending up, significantly, and this is the ideal direction.
	The indicator is trending up and this is the ideal direction.

Table 9. Data Scoring Results for Healthcare Access & Quality for the Hillcrest Hospital Community

Cuyahoga County

SCORE	HEALTH CARE ACCESS & QUALITY	Cuyahoga County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
1.83	Adults with Health Insurance: 18+	89.8		90.2	90.6			...
1.83	Consumer Expenditures: Medical Services	1057.6		1098.6	1047.4			...
1.83	Consumer Expenditures: Medical Supplies	199.2		204.8	194.9			...
1.50	Adults who Visited a Dentist	51.3		51.6	52.9			...
1.50	Consumer Expenditures: Prescription and Non-Prescription Drugs	627.2		638.9	609.6			...









HP2030 - Healthy People provides science-based, 10-year national objectives for improving the health of all Americans. HP2030 represents a Healthy People target to be met by 2030.

Lake County

SCORE	HEALTH CARE ACCESS & QUALITY	Lake County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.50	Consumer Expenditures: Health Insurance	4910.2		4371.7	4321.1			...
2.50	Consumer Expenditures: Medical Services	1242.3		1098.6	1047.4			...
2.50	Consumer Expenditures: Medical Supplies	229.2		204.8	194.9			...
2.50	Consumer Expenditures: Prescription and Non-Prescription Drugs	716.9		638.9	609.6			...
2.33	Primary Care Provider Rate	43		76.7				
1.67	Persons without Health Insurance	5.9		6.6		...	...
















HP2030 - Healthy People provides science-based, 10-year national objectives for improving the health of all Americans. HP2030 represents a Healthy People target to be met by 2030.

Summit County

SCORE	HEALTH CARE ACCESS & QUALITY	Summit County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.33	Consumer Expenditures: Medical Services	1153.1		1098.6	1047.4			...
2.17	Consumer Expenditures: Health Insurance	4543.8		4371.7	4321.1			...
2.17	Consumer Expenditures: Medical Supplies	213.4		204.8	194.9			...
2.17	Consumer Expenditures: Prescription and Non-Prescription Drugs	664.9		638.9	609.6			...
1.56	Persons without Health Insurance	6.5		6.6		...	...	...
1.50	Adults with Health Insurance	90		90.9	87.1	...	...	...

HP2030 - Healthy People provides science-based, 10-year national objectives for improving the health of all Americans. HP2030 represents a Healthy People target to be met by 2030.

Geauga County

SCORE	HEALTH CARE ACCESS & QUALITY	Geauga County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.50	Consumer Expenditures: Health Insurance	6252.6		4371.7	4321.1			...
2.50	Consumer Expenditures: Medical Services	1678.5		1098.6	1047.4			...
2.50	Consumer Expenditures: Medical Supplies	305.2		204.8	194.9			...
2.50	Consumer Expenditures: Prescription and Non-Prescription Drugs	920.8		638.9	609.6			...
1.83	Non-Physician Primary Care Provider Rate	36.3		108.9				
1.75	Persons without Health Insurance	10.4		6.6		...	...
1.67	Children with Health Insurance	85.8		95.2	94.3	...	...	...
1.56	Primary Care Provider Rate	68.1		76.7				

1.50	Adults with Health Insurance	87.6		90.9	87.1
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HP2030 - Healthy People provides science-based, 10-year national objectives for improving the health of all Americans. HP2030 represents a Healthy People target to be met by 2030.

Portage County














SCORE	HEALTH CARE ACCESS & QUALITY	Portage County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.06	Primary Care Provider Rate	39.9		76.7				
1.83	Consumer Expenditures: Medical Services	1061.7		1098.6	1047.4			...
1.83	Consumer Expenditures: Medical Supplies	198.2		204.8	194.9			...
1.83	Non-Physician Primary Care Provider Rate	36.9		108.9				

HP2030 - Healthy People provides science-based, 10-year national objectives for improving the health of all Americans. HP2030 represents a Healthy People target to be met by 2030.

Table 10: Secondary Data Scoring Indicators of Concern: Prioritized Health Topic #2: Behavioral Health (Mental Health and Substance Misuse)

From the secondary data scoring results, Mental Health & Mental Disorders had the 14th highest data score of all topic areas, with a score of 1.40. Further analysis was done to identify specific indicators of concern. Those indicators with high data scores (scoring at or above the threshold of 1.50) were categorized as indicators of concern and are listed in Table 10 below. Geauga County did not have any indicators under Mental Health & Mental Disorders with a data score above 1.5.

Cuyahoga County

SCORE	MENTAL HEALTH & MENTAL DISORDERS	Cuyahoga County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.17	Alzheimer's Disease or Dementia: Medicare Population	11.4		10.4	10.8			
1.83	Poor Mental Health: Average Number of Days	5		4.8	4.1			...
1.75	Depression: Medicare Population	18.5		20.4	18.4			
1.75	Poor Mental Health: 14+ Days	16			13.6			...
1.61	Age-Adjusted Death Rate due to Suicide	14	12.8	15.1	14.1			

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Lake County

SCORE	MENTAL HEALTH & MENTAL DISORDERS	Lake County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
1.64	Depression: Medicare Population	19.2		20.4	18.4			
1.56	Age-Adjusted Death Rate due to Suicide	14.4	12.8	15.1	14.1			

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Summit County

SCORE	MENTAL HEALTH & MENTAL DISORDERS	Summit County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.75	Depression: Medicare Population	21.8		20.4	18.4			
2.58	Age-Adjusted Death Rate due to Alzheimer's Disease	41		34	30.5			
2.17	Alzheimer's Disease or Dementia: Medicare Population	11.3		10.4	10.8			
1.83	Poor Mental Health: Average Number of Days	4.8		4.8	4.1			...

1.61	Age-Adjusted Death Rate due to Suicide	16.2	12.8	15.1	14.1			
1.58	Poor Mental Health: 14+ Days	15.4			13.6			...

HP2030 - Healthy People provides science-based, 10-year national objectives for improving the health of all Americans. HP2030 represents a Healthy People target to be met by 2030.

Portage County

SCORE	MENTAL HEALTH & MENTAL DISORDERS	Portage County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.58	Depression: Medicare Population	21.4		20.4	18.4			
1.92	Poor Mental Health: 14+ Days	16.8			13.6			...
1.92	Adults Ever Diagnosed with Depression	22.3			18.8			...
1.50	Poor Mental Health: Average Number of Days	4.8		4.8	4.1			...

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Table 11. Data Scoring Results for Behavioral Health (Substance Abuse) for the Hillcrest Hospital Community

From the secondary data scoring results, Alcohol & Drug Use had the third highest data score of all topic areas, with a score of 1.57. Further analysis was done to identify specific indicators of concern. Those indicators with high data scores (scoring at or above the threshold of 1.50) were categorized as indicators of concern and are listed in Table 11 below. Geauga County did not have any indicators under Mental Health & Mental Disorders with a data score above 1.5.

Cuyahoga County

SCORE	ALCOHOL & DRUG USE	Cuyahoga County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.64	Death Rate due to Drug Poisoning	42.6		38.1	21			
2.44	Alcohol-Impaired Driving Deaths	41.4	28.3	32.2	27			
2.00	Adults who Drink Excessively	19.6		18.5	19			...
1.92	Age-Adjusted Drug and Opioid-Involved Overdose Death Rate	43.8		42	22.8			...
1.67	Consumer Expenditures: Alcoholic Beverages	637.1		651.5	701.9			...

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Lake County

SCORE	ALCOHOL & DRUG USE	Lake County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.72	Alcohol-Impaired Driving Deaths	50	28.3	32.2	27			
2.33	Consumer Expenditures: Alcoholic Beverages	724.3		651.5	701.9			...
2.17	Adults who Drink Excessively	20.8		18.5	19			...
2.14	Death Rate due to Drug Poisoning	36.9		38.1	21			
1.75	Age-Adjusted Drug and Opioid-Involved Overdose Death Rate	40.8		42	22.8			...

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Summit County

SCORE	ALCOHOL & DRUG USE	Summit County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.17	Alcohol-Impaired Driving Deaths	38.3	28.3	32.2	27			...
2.00	Consumer Expenditures: Alcoholic Beverages	679.3		651.5	701.9			...
1.86	Death Rate due to Drug Poisoning	36.7		38.1	21			...
1.75	Age-Adjusted Drug and Opioid-Involved Overdose Death Rate	40.1		42	22.8			...

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Geauga County

SCORE	ALCOHOL & DRUG USE	Geauga County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.50	Consumer Expenditures: Alcoholic Beverages	962.6		651.5	701.9			...
1.92	Adults who Binge Drink	17.4			16.7			...

1.50	Adults who Drink Excessively	18.5		18.5	19			...
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Portage County
















SCORE	ALCOHOL & DRUG USE	Portage County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
1.92	Adults who Binge Drink	18.2			16.7			...
1.86	Mothers who Smoked During Pregnancy	13.4	4.3	11.5	5.5		...	
1.83	Adults who Drink Excessively	19.2		18.5	19			...
1.83	Consumer Expenditures: Alcoholic Beverages	653.2		651.5	701.9			...
1.67	Alcohol-Impaired Driving Deaths	29.2	28.3	32.2	27			

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Table 12: Secondary Data Scoring Indicators of Concern: Prioritized Health Topic #3: Chronic Disease Prevention & Management

According to the secondary data results, Older Adult Health topic area had the sixth highest score at 1.50 and the related Other Conditions health topic ranked second with a score of 1.64. All topic areas in this group demonstrate need per as they each scored above 1.5. Further analysis was done to identify specific indicators of concern which include indicators with high data scores (scoring at or above the threshold of 1.50) and seen in Table 12.

Cuyahoga County

SCORE	OLDER ADULTS	Cuyahoga County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.64	People 65+ Living Alone	34.8		28.8	26.1			
2.47	People 65+ Living Below Poverty Level	10.9		8.1	9.3			
2.31	Age-Adjusted Death Rate due to Falls	11.6		10.5	9.5			
2.31	Cancer: Medicare Population	9		8.4	8.4			
2.17	Alzheimer's Disease or Dementia: Medicare Population	11.4		10.4	10.8			
2.14	Atrial Fibrillation: Medicare Population	9		9	8.4			

2.08	Osteoporosis: Medicare Population	6.3		6.2	6.6			...
2.03	Asthma: Medicare Population	5.2		4.8	5			
1.92	Chronic Kidney Disease: Medicare Population	25.2		25.3	24.5			
1.92	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	35.4		36.1	33.5			
1.92	Adults with Kidney Disease	3.6			3.1			...
1.75	Adults 65+ who Received Recommended Preventive Services: Females	28.6			28.4			...
1.75	Depression: Medicare Population	18.5		20.4	18.4			
1.69	Heart Failure: Medicare Population	15.3		14.7	14			
1.69	Age-Adjusted Death Rate due to Kidney Disease	15.2		14.5	12.9			

1.67	Colon Cancer Screening	63.7	74.4		66.4			...
1.67	People 65+ with Low Access to a Grocery Store	3.4						...
1.58	Adults 65+ with Total Tooth Loss	15.5			13.5			...

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Lake County

SCORE	CHRONIC DISEASE PREVENTION & MANAGEMENT	Lake County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.92	Age-Adjusted Death Rate due to Falls	17.3		10.5	9.5			
2.92	Osteoporosis: Medicare Population	8.2		6.2	6.6			
2.64	Atrial Fibrillation: Medicare Population	10		9	8.4			
2.64	Cancer: Medicare Population	9.2		8.4	8.4			

2.47	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	37.4		36.1	33.5			
2.31	Hyperlipidemia: Medicare Population	52.4		49.4	47.7			
2.00	People 65+ with Low Access to a Grocery Store	4.9						...
1.81	Ischemic Heart Disease: Medicare Population	28.5		27.5	26.8			
1.75	Adults with Arthritis	30.2			25.1			...
1.69	Stroke: Medicare Population	4		3.8	3.8			
1.64	Depression: Medicare Population	19.2		20.4	18.4			
1.50	Colon Cancer Screening	64.2	74.4		66.4			...
1.50	Consumer Expenditures: Eldercare	22.3		20.5	34.3			...

1.50	COPD: Medicare Population	12.4		13.2	11.5			
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Summit County

SCORE	CHRONIC DISEASE PREVENTION & MANAGEMENT	Summit County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.75	Depression: Medicare Population	21.8		20.4	18.4			
2.75	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	37.7		36.1	33.5			
2.58	Age-Adjusted Death Rate due to Alzheimer's Disease	41		34	30.5			
2.42	Cancer: Medicare Population	8.5		8.4	8.4			
2.36	Asthma: Medicare Population	5.8		4.8	5			
2.19	People 65+ Living Alone	30.1		28.8	26.1			

2.17	Alzheimer's Disease or Dementia: Medicare Population	11.3		10.4	10.8			
2.14	Osteoporosis: Medicare Population	6.6		6.2	6.6			
1.92	Chronic Kidney Disease: Medicare Population	24.7		25.3	24.5			
1.83	Colon Cancer Screening	62.2	74.4		66.4			...
1.83	People 65+ with Low Access to a Grocery Store	4.3						...
1.81	Atrial Fibrillation: Medicare Population	8.9		9	8.4			
1.81	Hyperlipidemia: Medicare Population	49.9		49.4	47.7			
1.58	Adults with Arthritis	29.8			25.1			...





















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Geauga County

SCORE	CHRONIC DISEASE PREVENTION & MANAGEMENT	Geauga County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.92	Atrial Fibrillation: Medicare Population	10.5		9	8.4			
2.75	Osteoporosis: Medicare Population	6.9		6.2	6.6			
2.64	Cancer: Medicare Population	9.3		8.4	8.4			
2.14	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	36.7		36.1	33.5			
1.75	Adults with Arthritis	31.7			25.1			...
1.67	Consumer Expenditures: Eldercare	28.9		20.5	34.3			...
1.67	People 65+ with Low Access to a Grocery Store	3.2						...

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Portage County

SCORE	CHRONIC DISEASE PREVENTION & MANAGEMENT	Portage County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.58	Depression: Medicare Population	21.4		20.4	18.4			
2.47	Atrial Fibrillation: Medicare Population	9.6		9	8.4			
2.31	Hyperlipidemia: Medicare Population	52.4		49.4	47.7			
2.25	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	36.3		36.1	33.5			
1.92	Osteoporosis: Medicare Population	6.2		6.2	6.6			
1.67	People 65+ with Low Access to a Grocery Store	3.6						...
1.64	Cancer: Medicare Population	8.3		8.4	8.4			

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Table 13: Secondary Data Scoring Indicators of Concern: Prioritized Health Topic #4: Maternal and Child Health (Maternal, Fetal and Infant Health)



Maternal and Child Health came up as areas of concern in the secondary data analysis. Among all health topics, Children’s Health ranked tenth with a score of 1.42 and Maternal, Fetal and Infant Health ranked 12th with a score of 1.36. Women’s Health ranked fifth with a score of 1.52. Further analysis was done to identify specific indicators of concern. Those indicators with high data scores (scoring at or above the threshold of 1.50) were categorized as indicators of concern and are listed in Table 13 below. See Appendix C for the full list of indicators categorized within this topic.

Cuyahoga County

SCORE	MATERNAL, FETAL & INFANT HEALTH	Cuyahoga County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.11	Babies with Low Birth Weight	10.8		8.5	8.2		...	
2.11	Babies with Very Low Birth Weight	1.7		1.4	1.3		...	
1.78	Infant Mortality Rate	8.6	5	6.9		...	...
1.67	Preterm Births	11.4	9.4	10.3			...	
1.58	Teen Pregnancy Rate	23.9		19.5			...	
1.53	Teen Birth Rate: 15-17	7.2		6.8			...	









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Lake County

SCORE	MATERNAL, FETAL & INFANT HEALTH	Lake County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
1.83	Consumer Expenditures: Childcare	315		301.6	368.2			...






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Summit County

SCORE	MATERNAL, FETAL & INFANT HEALTH	Summit County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.67	Babies with Low Birth Weight	9.4		8.5	8.2		...	...
2.39	Babies with Very Low Birth Weight	1.7		1.4	1.3		...	...
1.97	Teen Birth Rate: 15-17	8		6.8			...	
1.83	Consumer Expenditures: Childcare	307		301.6	368.2			...
1.50	Preterm Births	9.9	9.4	10.3			...	






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Geauga County

SCORE	MATERNAL, FETAL & INFANT HEALTH	Geauga County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.50	Consumer Expenditures: Childcare	443.4		301.6	368.2			...
2.25	Mothers who Received Early Prenatal Care	57.1		68.9	76.1		...	
1.58	Infant Mortality Rate	6.7	5	6.9		

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Portage County

SCORE	MATERNAL, FETAL & INFANT HEALTH	Portage County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.22	Infant Mortality Rate	9.7	5	6.9		...	...
1.86	Mothers who Smoked During Pregnancy	13.4	4.3	11.5	5.5		...	
1.83	Consumer Expenditures: Childcare	308.1		301.6	368.2			...

1.50	Preterm Births	9.8	9.4	10.3			...	
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**Table 14: Secondary Data Scoring Indicators of Concern: Prioritized Health Topic #4: Maternal and Child Health (Women's Health)
Cuyahoga County**

SCORE	WOMEN'S HEALTH	Cuyahoga County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.58	Breast Cancer Incidence Rate	134.8		129.6	126.8			
2.28	Age-Adjusted Death Rate due to Breast Cancer	23.6	15.3	21.6	19.9			









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Lake County

SCORE	WOMEN'S HEALTH	Lake County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.31	Breast Cancer Incidence Rate	139.4		129.6	126.8			
2.00	Cervical Cancer Incidence Rate	8.1		7.9	7.7	...		







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Summit County

SCORE	WOMEN'S HEALTH	Summit County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.58	Breast Cancer Incidence Rate	136.3		129.6	126.8			
2.22	Age-Adjusted Death Rate due to Breast Cancer	22.8	15.3	21.6	19.9			
1.61	Mammogram in Past 2 Years: 50-74	71.3	77.1		74.8			...

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Geauga County

SCORE	WOMEN'S HEALTH	Geauga County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.47	Breast Cancer Incidence Rate	141.5		129.6	126.8			
1.56	Age-Adjusted Death Rate due to Breast Cancer	20.4	15.3	21.6	19.9			













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Portage County

SCORE	WOMEN'S HEALTH	Portage County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
1.81	Breast Cancer Incidence Rate	128.7		129.6	126.8			
1.61	Cervical Cancer Screening: 21-65	83.7	84.3		84.7			...





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**Table 15: Secondary Data Scoring Indicators of Concern: Prioritized Health Topic #4: Maternal and Child Health (Children’s Health)
Cuyahoga County**

SCORE	CHILDREN’S HEALTH	Cuyahoga County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.17	Child Food Insecurity Rate	20.7		17.4	14.6			...
2.08	Projected Child Food Insecurity Rate	23.4		18.5				...
1.94	Substantiated Child Abuse Rate	10	8.7	6.8			...	
1.86	Blood Lead Levels in Children (>=10 micrograms per deciliter)	1.7		0.5			...	
1.58	Blood Lead Levels in Children (>=5 micrograms per deciliter)	5.8		1.9			...	
1.50	Children with Low Access to a Grocery Store	4.3						...









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Lake County

SCORE	CHILDREN'S HEALTH	Lake County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.00	Children with Low Access to a Grocery Store	8						...
1.83	Consumer Expenditures: Childcare	315		301.6	368.2			...





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Summit County

SCORE	CHILDREN'S HEALTH	Summit County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.00	Children with Low Access to a Grocery Store	7.2						...
1.83	Consumer Expenditures: Childcare	307		301.6	368.2			...
1.75	Projected Child Food Insecurity Rate	19.1		18.5				...
1.50	Child Food Insecurity Rate	17.4		17.4	14.6			...





HP2030 - Healthy People provides science-based, 10-year national objectives for improving the health of all Americans. HP2030 represents a Healthy People target to be met by 2030.

Geauga County

SCORE	CHILDREN'S HEALTH	Geauga County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.50	Consumer Expenditures: Childcare	443.4		301.6	368.2			...
1.67	Children with Health Insurance	85.8		95.2	94.3
1.67	Children with Low Access to a Grocery Store	4.9						...

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Portage County
















SCORE	CHILDREN'S HEALTH	Portage County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
1.83	Children with Low Access to a Grocery Store	6.2						...
1.83	Consumer Expenditures: Childcare	308.1		301.6	368.2			...

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Table 16: Secondary Data Scoring Indicators of Concern: Prioritized Health Topic #5: Socioeconomic Issues













Prevention & Safety ranked fourth among all health topics with a score of 1.52. Further analysis was done to identify specific indicators of concern. Those indicators with high data scores (scoring at or above the threshold of 1.50) were categorized as indicators of concern and are listed in Table 16 below. Portage County did not have any indicators of concern. See Appendix C for the full list of indicators categorized within this topic.

Cuyahoga County

SCORE	PREVENTION & SAFETY	Cuyahoga County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.31	Age-Adjusted Death Rate due to Falls	11.6		10.5	9.5			
2.00	Age-Adjusted Death Rate due to Motor Vehicle Collisions	3.6		2.8	2.5	...	...	...
2.22	Age-Adjusted Death Rate due to Unintentional Injuries	69.7	43.2	68.8	48.9			
2.31	Age-Adjusted Death Rate due to Unintentional Poisonings	42		40.2	21.4			
2.64	Death Rate due to Drug Poisoning	42.6		38.1	21			
1.75	Severe Housing Problems	17.1		13.7	18			







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Lake County

SCORE	PREVENTION & SAFETY	Lake County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.92	Age-Adjusted Death Rate due to Falls	17.3		10.5	9.5			
2.39	Age-Adjusted Death Rate due to Unintentional Injuries	71.4	43.2	68.8	48.9			
2.14	Age-Adjusted Death Rate due to Unintentional Poisonings	40.2		40.2	21.4			
2.14	Death Rate due to Drug Poisoning	36.9		38.1	21			
1.50	Age-Adjusted Death Rate due to Motor Vehicle Collisions	2.6		2.8	2.5

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Summit County

SCORE	PREVENTION & SAFETY	Summit County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.00	Age-Adjusted Death Rate due to Unintentional Poisonings	38.7		40.2	21.4			
1.86	Death Rate due to Drug Poisoning	36.7		38.1	21			

HP2030 - Healthy People provides science-based, 10-year national objectives for improving the health of all Americans. HP2030 represents a Healthy People target to be met by 2030.

Geauga County

SCORE	PREVENTION & SAFETY	Geauga County	HP2030	Ohio	U.S.	Ohio Counties	U.S. Counties	Trend
2.00	Age-Adjusted Death Rate due to Motor Vehicle Collisions	4.7		2.8	2.5	...	...	...

HP2030 - Healthy People provides science-based, 10-year national objectives for improving the health of all Americans. HP2030 represents a Healthy People target to be met by 2030.

Table 17: Secondary Data Scoring Results by Health Topic for The Hillcrest Hospital Community in Rank Order by Topic Score

HEALTH TOPICS	AVG
Medications & Prescriptions	2.12
Other Conditions	1.64
Alcohol & Drug Use	1.57
Prevention & Safety	1.52
Women's Health	1.52
Older Adults	1.50
Cancer	1.50
Nutrition & Healthy Eating	1.49
Physical Activity	1.45
Children's Health	1.42
Health Care Access & Quality	1.40
Maternal, Fetal & Infant Health	1.36
Heart Disease & Stroke	1.35
Mental Health & Mental Disorders	1.34
Tobacco Use	1.30
Wellness & Lifestyle	1.30
Respiratory Diseases	1.21
Immunizations & Infectious Diseases	1.10
Diabetes	1.05
Oral Health	1.04
QUALITY OF LIFE TOPIC	SCORE
Education	1.46

Environmental Health	1.40
Community	1.28
Economy	1.14

SCORE	ALCOHOL & DRUG USE	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.64	Death Rate due to Drug Poisoning	<i>deaths/100,000 population</i>	42.6		38.1	21	2017-2019	9
2.44	Alcohol-Impaired Driving Deaths	<i>percent of driving deaths with alcohol involvement</i>	41.4	28.3	32.2	27	2015-2019	9
2.00	Adults who Drink Excessively	<i>percent</i>	19.6		18.5	19	2018	9
1.92	Age-Adjusted Drug and Opioid-Involved Overdose Death Rate	<i>Deaths per 100,000 population</i>	43.8		42	22.8	2017-2019	5
1.67	Consumer Expenditures: Alcoholic Beverages	<i>average dollar amount per consumer unit</i>	637.1		651.5	701.9	2021	7
1.42	Health Behaviors Ranking	<i>ranking</i>	31				2021	9
1.31	Liquor Store Density	<i>stores/100,000 population</i>	6.4		5.6	10.5	2019	22
1.25	Adults who Binge Drink	<i>percent</i>	16			16.7	2019	4

0.92	Mothers who Smoked During Pregnancy	<i>percent</i>	6.1	4.3	11.5	5.5	<i>2020</i>	17
SCORE	CANCER	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.72	Age-Adjusted Death Rate due to Prostate Cancer	<i>deaths/100,000 males</i>	23.8	16.9	19.4	18.9	<i>2015-2019</i>	12
2.58	Breast Cancer Incidence Rate	<i>cases/100,000 females</i>	134.8		129.6	126.8	<i>2014-2018</i>	12
2.36	Prostate Cancer Incidence Rate	<i>cases/100,000 males</i>	128		107.2	106.2	<i>2014-2018</i>	12
2.31	Cancer: Medicare Population	<i>percent</i>	9		8.4	8.4	<i>2018</i>	6
2.28	Age-Adjusted Death Rate due to Breast Cancer	<i>deaths/100,000 females</i>	23.6	15.3	21.6	19.9	<i>2015-2019</i>	12
2.25	All Cancer Incidence Rate	<i>cases/100,000 population</i>	479.7		467.5	448.6	<i>2014-2018</i>	12
2.14	Colorectal Cancer Incidence Rate	<i>cases/100,000 population</i>	44.2		41.3	38	<i>2014-2018</i>	12
1.78	Age-Adjusted Death Rate due to Cancer	<i>deaths/100,000 population</i>	171	122.7	169.4	152.4	<i>2015-2019</i>	12
1.67	Colon Cancer Screening	<i>percent</i>	63.7	74.4		66.4	<i>2018</i>	4

1.44	Age-Adjusted Death Rate due to Lung Cancer	<i>deaths/100,000 population</i>	42.9	25.1	45	36.7	<i>2015-2019</i>	12
1.36	Lung and Bronchus Cancer Incidence Rate	<i>cases/100,000 population</i>	63.7		67.3	57.3	<i>2014-2018</i>	12
1.28	Age-Adjusted Death Rate due to Colorectal Cancer	<i>deaths/100,000 population</i>	14.5	8.9	14.8	13.4	<i>2015-2019</i>	12
1.25	Adults with Cancer	<i>percent</i>	7.5			7.1	<i>2019</i>	4
1.14	Oral Cavity and Pharynx Cancer Incidence Rate	<i>cases/100,000 population</i>	11.5		12.2	11.9	<i>2014-2018</i>	12
0.94	Mammogram in Past 2 Years: 50-74	<i>percent</i>	75.2	77.1		74.8	<i>2018</i>	4
0.89	Cervical Cancer Screening: 21-65	<i>Percent</i>	85.3	84.3		84.7	<i>2018</i>	4
0.61	Cervical Cancer Incidence Rate	<i>cases/100,000 females</i>	6.4		7.9	7.7	<i>2014-2018</i>	12
SCORE	CHILDREN'S HEALTH	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.17	Child Food Insecurity Rate	<i>percent</i>	20.7		17.4	14.6	<i>2019</i>	10
2.08	Projected Child Food Insecurity Rate	<i>percent</i>	23.4		18.5		<i>2021</i>	10

1.94	Substantiated Child Abuse Rate	<i>cases/ 1,000 children</i>	10	8.7	6.8		<i>2020</i>	3
1.86	Blood Lead Levels in Children (>=10 micrograms per deciliter)	<i>percent</i>	1.7		0.5		<i>2020</i>	19
1.58	Blood Lead Levels in Children (>=5 micrograms per deciliter)	<i>percent</i>	5.8		1.9		<i>2020</i>	19
1.50	Children with Low Access to a Grocery Store	<i>percent</i>	4.3				<i>2015</i>	23
1.33	Children with Health Insurance	<i>percent</i>	97.1		95.2	94.3	<i>2019</i>	1
1.33	Consumer Expenditures: Childcare	<i>average dollar amount per consumer unit</i>	272.1		301.6	368.2	<i>2021</i>	7
SCORE	COMMUNITY	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.64	People 65+ Living Alone	<i>percent</i>	34.8		28.8	26.1	<i>2015-2019</i>	1
2.50	Single-Parent Households	<i>percent</i>	37.6		27.1	25.5	<i>2015-2019</i>	1
2.47	Homeownership	<i>percent</i>	50.9		59.4	56.2	<i>2015-2019</i>	1
2.44	Alcohol-Impaired Driving Deaths	<i>percent of driving deaths with alcohol involvement</i>	41.4	28.3	32.2	27	<i>2015-2019</i>	9

2.39	Violent Crime Rate	<i>crimes/ 100,000 population</i>	637		303.5	394	<i>2017</i>	18
2.31	Social Associations	<i>membership associations/ 10,000 population</i>	9.2		11	9.3	<i>2018</i>	9
2.14	Linguistic Isolation	<i>percent</i>	2.9		1.4	4.4	<i>2015-2019</i>	1
2.08	Households without a Vehicle	<i>percent</i>	12.8		7.9	8.6	<i>2015-2019</i>	1
2.00	Age-Adjusted Death Rate due to Motor Vehicle Collisions	<i>deaths/ 100,000 population</i>	3.6		2.8	2.5	<i>2015-2019</i>	5
2.00	People Living Below Poverty Level	<i>percent</i>	17.5	8	14	13.4	<i>2015-2019</i>	1
1.94	Substantiated Child Abuse Rate	<i>cases/ 1,000 children</i>	10	8.7	6.8		<i>2020</i>	3
1.92	Children Living Below Poverty Level	<i>percent</i>	25.5		19.9	18.5	<i>2015-2019</i>	1
1.75	Median Household Income	<i>dollars</i>	50366		56602	62843	<i>2015-2019</i>	1
1.75	Social and Economic Factors Ranking	<i>ranking</i>	72				<i>2021</i>	9
1.75	Young Children Living Below Poverty Level	<i>percent</i>	27.3		23	20.3	<i>2015-2019</i>	1

1.75	Youth not in School or Working	<i>percent</i>	2.3		1.8	1.9	<i>2015-2019</i>	1
1.69	Voter Turnout: Presidential Election	<i>percent</i>	71		74		<i>2020</i>	20
1.67	Consumer Expenditures: Local Public Transportation	<i>average dollar amount per consumer unit</i>	122.3		121.7	148.8	<i>2021</i>	7
1.67	Households with an Internet Subscription	<i>percent</i>	79.1		82.4	83	<i>2015-2019</i>	1
1.67	Households with One or More Types of Computing Devices	<i>percent</i>	87.4		89.1	90.3	<i>2015-2019</i>	1
1.53	Mean Travel Time to Work	<i>minutes</i>	24.3		23.7	26.9	<i>2015-2019</i>	1
1.50	Adults with Internet Access	<i>percent</i>	94.3		94.5	95	<i>2021</i>	8
1.50	Households with a Computer	<i>percent</i>	84.2		85.2	86.3	<i>2021</i>	8
1.50	Persons with an Internet Subscription	<i>percent</i>	84		86.2	86.2	<i>2015-2019</i>	1
1.36	Solo Drivers with a Long Commute	<i>percent</i>	32.3		31.1	37	<i>2015-2019</i>	9
1.33	Households with a Smartphone	<i>percent</i>	80.3		80.5	81.9	<i>2021</i>	8

1.06	Workers Commuting by Public Transportation	<i>percent</i>	4.6	5.3	1.6	5	<i>2015-2019</i>	1
1.03	Workers who Drive Alone to Work	<i>percent</i>	79.3		82.9	76.3	<i>2015-2019</i>	1
1.00	Households with No Car and Low Access to a Grocery Store	<i>percent</i>	1.3				<i>2015</i>	23
0.83	Households with Wireless Phone Service	<i>percent</i>	97.2		96.8	97	<i>2020</i>	8
0.69	Workers who Walk to Work	<i>percent</i>	2.7		2.2	2.7	<i>2015-2019</i>	1
0.58	Per Capita Income	<i>dollars</i>	33114		31552	34103	<i>2015-2019</i>	1
0.25	People 25+ with a Bachelor's Degree or Higher	<i>percent</i>	32.5		28.3	32.1	<i>2015-2019</i>	1
SCORE	DIABETES	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.50	Adults 20+ with Diabetes	<i>percent</i>	9				<i>2019</i>	5
1.14	Diabetes: Medicare Population	<i>percent</i>	25.3		27.2	27	<i>2018</i>	6

0.86	Age-Adjusted Death Rate due to Diabetes	<i>deaths/100,000 population</i>	22.4		25.3	21.5	<i>2017-2019</i>	5
SCORE	ECONOMY	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.47	Homeownership	<i>percent</i>	50.9		59.4	56.2	<i>2015-2019</i>	1
2.47	People 65+ Living Below Poverty Level	<i>percent</i>	10.9		8.1	9.3	<i>2015-2019</i>	1
2.17	Child Food Insecurity Rate	<i>percent</i>	20.7		17.4	14.6	<i>2019</i>	10
2.17	Income Inequality		0.5		0.5	0.5	<i>2015-2019</i>	1
2.08	Persons with Disability Living in Poverty (5-year)	<i>percent</i>	33.9		29.5	26.1	<i>2015-2019</i>	1
2.08	Projected Child Food Insecurity Rate	<i>percent</i>	23.4		18.5		<i>2021</i>	10
2.00	Adults who Feel Overwhelmed by Financial Burdens	<i>percent</i>	15.1		14.6	14.4	<i>2021</i>	8
2.00	Food Insecurity Rate	<i>percent</i>	13.9		13.2	10.9	<i>2019</i>	10
2.00	Households that are Below the Federal Poverty Level	<i>percent</i>	17.7		13.8		<i>2018</i>	25
2.00	People Living Below Poverty Level	<i>percent</i>	17.5	8	14	13.4	<i>2015-2019</i>	1

1.92	Children Living Below Poverty Level	<i>percent</i>	25.5		19.9	18.5	<i>2015-2019</i>	1
1.92	Families Living Below Poverty Level	<i>percent</i>	13		9.9	9.5	<i>2015-2019</i>	1
1.92	Projected Food Insecurity Rate	<i>percent</i>	15.6		14.1		<i>2021</i>	10
1.83	Renters Spending 30% or More of Household Income on Rent	<i>percent</i>	48.4		44.9	49.6	<i>2015-2019</i>	1
1.75	Households with Cash Public Assistance Income	<i>percent</i>	3.1		2.9	2.4	<i>2015-2019</i>	1
1.75	Median Household Income	<i>dollars</i>	50366		56602	62843	<i>2015-2019</i>	1
1.75	Severe Housing Problems	<i>percent</i>	17.1		13.7	18	<i>2013-2017</i>	9
1.75	Social and Economic Factors Ranking	<i>ranking</i>	72				<i>2021</i>	9
1.75	Young Children Living Below Poverty Level	<i>percent</i>	27.3		23	20.3	<i>2015-2019</i>	1
1.75	Youth not in School or Working	<i>percent</i>	2.3		1.8	1.9	<i>2015-2019</i>	1

1.67	Households that are Above the Asset Limited, Income Constrained, Employed (ALICE) Threshold	<i>percent</i>	58.8		61.6		<i>2018</i>	25
1.64	Size of Labor Force	<i>persons</i>	582791				<i>44440</i>	21
1.64	SNAP Certified Stores	<i>stores/ 1,000 population</i>	0.9				<i>2017</i>	23
1.50	Households with a Savings Account	<i>percent</i>	67.7		68.8	70.2	<i>2021</i>	8
1.50	WIC Certified Stores	<i>stores/ 1,000 population</i>	0.1				<i>2016</i>	23
1.42	People Living 200% Above Poverty Level	<i>percent</i>	64.7		68.8	69.1	<i>2015-2019</i>	1
1.33	Consumer Expenditures: Homeowner Expenses	<i>average dollar amount per consumer unit</i>	7600		7828	8900.1	<i>2021</i>	7
1.33	Households that are Asset Limited, Income Constrained, Employed (ALICE)	<i>percent</i>	23.5		24.5		<i>2018</i>	25
1.33	Low-Income and Low Access to a Grocery Store	<i>percent</i>	4.3				<i>2015</i>	23

1.31	Overcrowded Households	<i>percent of households</i>	1.2		1.4		<i>2015-2019</i>	1
1.25	Unemployed Workers in Civilian Labor Force	<i>percent</i>	4.6		4.3	4.6	<i>Sep-21</i>	21
1.17	Consumer Expenditures: Home Rental Expenses	<i>average dollar amount per consumer unit</i>	3928.7		3798.7	5460.2	<i>2021</i>	7
1.00	Mortgaged Owners Spending 30% or More of Household Income on Housing	<i>percent</i>	22.7		19.7	26.5	<i>2019</i>	1
0.58	Per Capita Income	<i>dollars</i>	33114		31552	34103	<i>2015-2019</i>	1
0.58	Students Eligible for the Free Lunch Program	<i>percent</i>	12.9				<i>2019-2020</i>	13
SCORE	EDUCATION	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.86	4th Grade Students Proficient in English/Language Arts	<i>percent</i>	46.6		63.3		<i>2018-2019</i>	15
1.86	4th Grade Students Proficient in Math	<i>percent</i>	52.5		74.3		<i>2018-2019</i>	15

1.86	8th Grade Students Proficient in English/Language Arts	<i>percent</i>	43.1		58.3		<i>2018-2019</i>	15
1.86	8th Grade Students Proficient in Math	<i>percent</i>	39.5		57.3		<i>2018-2019</i>	15
1.33	Consumer Expenditures: Childcare	<i>average dollar amount per consumer unit</i>	272.1		301.6	368.2	<i>2021</i>	7
1.67	Consumer Expenditures: Education	<i>average dollar amount per consumer unit</i>	1196.7		1200.4	1492.4	<i>2021</i>	7
1.44	High School Graduation	<i>percent</i>	89.5	90.7	92		<i>2019-2020</i>	15
0.25	People 25+ with a Bachelor's Degree or Higher	<i>percent</i>	32.5		28.3	32.1	<i>2015-2019</i>	1
1.81	Student-to-Teacher Ratio	<i>students/teacher</i>	16.5				<i>2019-2020</i>	13
SCORE	ENVIRONMENTAL HEALTH	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.25	Adults with Current Asthma	<i>percent</i>	11			8.9	<i>2019</i>	4
2.14	Fast Food Restaurant Density	<i>restaurants/1,000 population</i>	0.9				<i>2016</i>	23
2.08	Houses Built Prior to 1950	<i>percent</i>	39.2		26.2	17.5	<i>2015-2019</i>	1

2.03	Asthma: Medicare Population	<i>percent</i>	5.2		4.8	5	<i>2018</i>	6
1.86	Blood Lead Levels in Children (≥ 10 micrograms per deciliter)	<i>percent</i>	1.7		0.5		<i>2020</i>	19
1.75	Annual Ozone Air Quality		F				<i>2017-2019</i>	2
1.75	Physical Environment Ranking	<i>ranking</i>	88				<i>2021</i>	9
1.75	Severe Housing Problems	<i>percent</i>	17.1		13.7	18	<i>2013-2017</i>	9
1.67	Farmers Market Density	<i>markets/ 1,000 population</i>	0				<i>2018</i>	23
1.67	People 65+ with Low Access to a Grocery Store	<i>percent</i>	3.4				<i>2015</i>	23
1.64	Number of Extreme Precipitation Days	<i>days</i>	34				<i>2019</i>	14
1.64	SNAP Certified Stores	<i>stores/ 1,000 population</i>	0.9				<i>2017</i>	23
1.58	Blood Lead Levels in Children (≥ 5 micrograms per deciliter)	<i>percent</i>	5.8		1.9		<i>2020</i>	19
1.53	Food Environment Index	<i>index</i>	7.3		6.8	7.8	<i>2021</i>	9

1.50	Children with Low Access to a Grocery Store	<i>percent</i>	4.3				<i>2015</i>	23
1.50	WIC Certified Stores	<i>stores/ 1,000 population</i>	0.1				<i>2016</i>	23
1.44	Annual Particle Pollution		B				<i>2017-2019</i>	2
1.36	Number of Extreme Heat Days	<i>days</i>	12				<i>2019</i>	14
1.36	Number of Extreme Heat Events	<i>events</i>	6				<i>2019</i>	14
1.36	Weeks of Moderate Drought or Worse	<i>weeks per year</i>	0				<i>2020</i>	14
1.33	Low-Income and Low Access to a Grocery Store	<i>percent</i>	4.3				<i>2015</i>	23
1.31	Grocery Store Density	<i>stores/ 1,000 population</i>	0.2				<i>2016</i>	23
1.31	Liquor Store Density	<i>stores/ 100,000 population</i>	6.4		5.6	10.5	<i>2019</i>	22
1.31	Overcrowded Households	<i>percent of households</i>	1.2		1.4		<i>2015-2019</i>	1
1.08	PBT Released	<i>pounds</i>	234591.7				<i>2020</i>	24
1.00	Households with No Car and Low Access to a Grocery Store	<i>percent</i>	1.3				<i>2015</i>	23

1.00	Recreation and Fitness Facilities	<i>facilities/ 1,000 population</i>	0.1				<i>2016</i>	23
0.50	Access to Exercise Opportunities	<i>percent</i>	97.5		83.9	84	<i>2020</i>	9
SCORE	HEALTH CARE ACCESS & QUALITY	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.83	Adults with Health Insurance: 18+	<i>percent</i>	89.8		90.2	90.6	<i>2021</i>	8
1.83	Consumer Expenditures: Medical Services	<i>average dollar amount per consumer unit</i>	1057.6		1098.6	1047.4	<i>2021</i>	7
1.83	Consumer Expenditures: Medical Supplies	<i>average dollar amount per consumer unit</i>	199.2		204.8	194.9	<i>2021</i>	7
1.50	Adults who Visited a Dentist	<i>percent</i>	51.3		51.6	52.9	<i>2021</i>	8
1.50	Consumer Expenditures: Prescription and Non-Prescription Drugs	<i>average dollar amount per consumer unit</i>	627.2		638.9	609.6	<i>2021</i>	7
1.42	Adults without Health Insurance	<i>percent</i>	13			13	<i>2019</i>	4
1.39	Persons without Health Insurance	<i>percent</i>	5.3		6.6		<i>2019</i>	1
1.33	Adults with Health Insurance	<i>percent</i>	92.2		90.9	87.1	<i>2019</i>	1

1.33	Children with Health Insurance	<i>percent</i>	97.1		95.2	94.3	2019	1
1.33	Consumer Expenditures: Health Insurance	<i>average dollar amount per consumer unit</i>	4238.3		4371.7	4321.1	2021	7
1.25	Adults who have had a Routine Checkup	<i>percent</i>	78.2			76.6	2019	4
1.25	Clinical Care Ranking		10				2021	9
0.61	Primary Care Provider Rate	<i>providers/100,000 population</i>	112.7		76.7		2018	9
0.33	Dentist Rate	<i>dentists/100,000 population</i>	109.6		64.2		2019	9
0.33	Mental Health Provider Rate	<i>providers/100,000 population</i>	401.4		261.3		2020	9
0.33	Non-Physician Primary Care Provider Rate	<i>providers/100,000 population</i>	180.6		108.9		2020	9
SCORE	HEART DISEASE & STROKE	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.14	Atrial Fibrillation: Medicare Population	<i>percent</i>	9		9	8.4	2018	6
1.92	Adults who Experienced a Stroke	<i>percent</i>	4.2			3.4	2019	4

1.69	Heart Failure: Medicare Population	<i>percent</i>	15.3		14.7	14	<i>2018</i>	6
1.50	Age-Adjusted Death Rate due to Coronary Heart Disease	<i>deaths/100,000 population</i>	107.8	71.1	101.4	90.5	<i>2017-2019</i>	5
1.50	High Blood Pressure Prevalence	<i>percent</i>	35.4	27.7		32.6	<i>2019</i>	4
1.44	Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)	<i>deaths/100,000 population</i>	36.6	33.4	42.5	37.2	<i>2017-2019</i>	5
1.42	Adults who Experienced Coronary Heart Disease	<i>percent</i>	7.4			6.2	<i>2019</i>	4
1.36	Stroke: Medicare Population	<i>percent</i>	3.8		3.8	3.8	<i>2018</i>	6
1.31	Hypertension: Medicare Population	<i>percent</i>	57.2		59.5	57.2	<i>2018</i>	6
1.25	Adults who Have Taken Medications for High Blood Pressure	<i>percent</i>	78.7			76.2	<i>2019</i>	4
1.25	Cholesterol Test History	<i>percent</i>	86.3			87.6	<i>2019</i>	4

1.00	Hyperlipidemia: Medicare Population	<i>percent</i>	45.2		49.4	47.7	<i>2018</i>	6
1.00	Ischemic Heart Disease: Medicare Population	<i>percent</i>	25.8		27.5	26.8	<i>2018</i>	6
0.92	High Cholesterol Prevalence: Adults 18+	<i>percent</i>	32.2			33.6	<i>2019</i>	4
0.58	Age-Adjusted Death Rate due to Heart Attack	<i>deaths/100,000 population 35+ years</i>	42.3		55.4		<i>2019</i>	14
SCORE	IMMUNIZATIONS & INFECTIOUS DISEASES	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.39	Chlamydia Incidence Rate	<i>cases/100,000 population</i>	949.5		561.9	551	<i>2019</i>	16
2.39	Gonorrhea Incidence Rate	<i>cases/100,000 population</i>	432.9		224	187.8	<i>2019</i>	16
1.61	Tuberculosis Incidence Rate	<i>cases/100,000 population</i>	1.2	1.4	1.1		<i>2020</i>	16
1.53	COVID-19 Daily Average Case-Fatality Rate	<i>deaths per 100 cases</i>	0		0	0.5	<i>28-Jan-22</i>	11
1.31	Overcrowded Households	<i>percent of households</i>	1.2		1.4		<i>2015-2019</i>	1

1.17	Adults who Agree Vaccine Benefits Outweigh Possible Risks	<i>Percent</i>	48.6		48.6	49.4	2021	8
0.83	Salmonella Infection Incidence Rate	<i>cases/100,000 population</i>	10	11.1	12.9		2018	16
0.58	Persons Fully Vaccinated Against COVID-19	<i>percent</i>	62.8				28-Jan-22	5
0.08	Age-Adjusted Death Rate due to Influenza and Pneumonia	<i>deaths/100,000 population</i>	11.1		14.4	13.8	2017-2019	5
0.08	COVID-19 Daily Average Incidence Rate	<i>cases per 100,000 population</i>	30.6		128.4	177.3	28-Jan-22	11
SCORE	MATERNAL, FETAL & INFANT HEALTH	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.11	Babies with Low Birth Weight	<i>percent</i>	10.8		8.5	8.2	2020	17
2.11	Babies with Very Low Birth Weight	<i>percent</i>	1.7		1.4	1.3	2020	17
1.33	Consumer Expenditures: Childcare	<i>average dollar amount per consumer unit</i>	272.1		301.6	368.2	2021	7
1.78	Infant Mortality Rate	<i>deaths/1,000 live births</i>	8.6	5	6.9		2019	17

1.00	Mothers who Received Early Prenatal Care	<i>percent</i>	72.4		68.9	76.1	<i>2020</i>	17
0.92	Mothers who Smoked During Pregnancy	<i>percent</i>	6.1	4.3	11.5	5.5	<i>2020</i>	17
1.67	Preterm Births	<i>percent</i>	11.4	9.4	10.3		<i>2020</i>	17
1.53	Teen Birth Rate: 15-17	<i>live births/ 1,000 females aged 15-17</i>	7.2		6.8		<i>2020</i>	17
1.58	Teen Pregnancy Rate	<i>pregnancies/ 1,000 females aged 15-17</i>	23.9		19.5		<i>2016</i>	17
SCORE	MEDICATIONS & PRESCRIPTIONS	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.83	Consumer Expenditures: Medical Services	<i>average dollar amount per consumer unit</i>	1057.6		1098.6	1047.4	<i>2021</i>	7
1.83	Consumer Expenditures: Medical Supplies	<i>average dollar amount per consumer unit</i>	199.2		204.8	194.9	<i>2021</i>	7
1.50	Consumer Expenditures: Prescription and Non-Prescription Drugs	<i>average dollar amount per consumer unit</i>	627.2		638.9	609.6	<i>2021</i>	7

SCORE	MENTAL HEALTH & MENTAL DISORDERS	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.42	Adults Ever Diagnosed with Depression	<i>percent</i>	20.9			18.8	2019	4
0.64	Age-Adjusted Death Rate due to Alzheimer's Disease	<i>deaths/100,000 population</i>	21		34	30.5	2017-2019	5
1.61	Age-Adjusted Death Rate due to Suicide	<i>deaths/100,000 population</i>	14	12.8	15.1	14.1	2017-2019	5
2.17	Alzheimer's Disease or Dementia: Medicare Population	<i>percent</i>	11.4		10.4	10.8	2018	6
1.75	Depression: Medicare Population	<i>percent</i>	18.5		20.4	18.4	2018	6
0.33	Mental Health Provider Rate	<i>providers/100,000 population</i>	401.4		261.3		2020	9
1.75	Poor Mental Health: 14+ Days	<i>percent</i>	16			13.6	2019	4
1.83	Poor Mental Health: Average Number of Days	<i>days</i>	5		4.8	4.1	2018	9

1.00	Self-Reported General Health Assessment: Good or Better	<i>percent</i>	85.8		85.6	86.5	<i>2021</i>	8
SCORE	NUTRITION & HEALTHY EATING	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.67	Consumer Expenditures: Fruits and Vegetables	<i>average dollar amount per consumer unit</i>	838.8		864.6	1002.1	<i>2021</i>	7
1.50	Consumer Expenditures: High Sugar Foods	<i>average dollar amount per consumer unit</i>	502.1		519	530.2	<i>2021</i>	7
1.33	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	<i>Percent</i>	41.1		41.5	41.2	<i>2021</i>	8
1.33	Consumer Expenditures: Fast Food Restaurants	<i>average dollar amount per consumer unit</i>	1415.1		1461	1638.9	<i>2021</i>	7
1.17	Consumer Expenditures: High Sugar Beverages	<i>average dollar amount per consumer unit</i>	310.6		319.7	357	<i>2021</i>	7

0.83	Adult Sugar-Sweetened Beverage Consumption: Past 7 Days	<i>percent</i>	79.6		80.9	80.4	<i>2021</i>	8
SCORE	OLDER ADULT HEALTH	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.64	People 65+ Living Alone	<i>percent</i>	34.8		28.8	26.1	<i>2015-2019</i>	1
2.47	People 65+ Living Below Poverty Level	<i>percent</i>	10.9		8.1	9.3	<i>2015-2019</i>	1
2.31	Age-Adjusted Death Rate due to Falls	<i>deaths/100,000 population</i>	11.6		10.5	9.5	<i>2017-2019</i>	5
2.31	Cancer: Medicare Population	<i>percent</i>	9		8.4	8.4	<i>2018</i>	6
2.17	Alzheimer's Disease or Dementia: Medicare Population	<i>percent</i>	11.4		10.4	10.8	<i>2018</i>	6
2.14	Atrial Fibrillation: Medicare Population	<i>percent</i>	9		9	8.4	<i>2018</i>	6
2.08	Osteoporosis: Medicare Population	<i>percent</i>	6.3		6.2	6.6	<i>2018</i>	6
2.03	Asthma: Medicare Population	<i>percent</i>	5.2		4.8	5	<i>2018</i>	6

1.92	Chronic Kidney Disease: Medicare Population	<i>percent</i>	25.2		25.3	24.5	<i>2018</i>	6
1.92	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	<i>percent</i>	35.4		36.1	33.5	<i>2018</i>	6
1.75	Adults 65+ who Received Recommended Preventive Services: Females	<i>percent</i>	28.6			28.4	<i>2018</i>	4
1.75	Depression: Medicare Population	<i>percent</i>	18.5		20.4	18.4	<i>2018</i>	6
1.69	Heart Failure: Medicare Population	<i>percent</i>	15.3		14.7	14	<i>2018</i>	6
1.67	Colon Cancer Screening	<i>percent</i>	63.7	74.4		66.4	<i>2018</i>	4
1.67	People 65+ with Low Access to a Grocery Store	<i>percent</i>	3.4				<i>2015</i>	23
1.58	Adults 65+ with Total Tooth Loss	<i>percent</i>	15.5			13.5	<i>2018</i>	4
1.42	Adults with Arthritis	<i>percent</i>	29.3			25.1	<i>2019</i>	4

1.36	Stroke: Medicare Population	<i>percent</i>	3.8		3.8	3.8	<i>2018</i>	6
1.31	Hypertension: Medicare Population	<i>percent</i>	57.2		59.5	57.2	<i>2018</i>	6
1.14	Diabetes: Medicare Population	<i>percent</i>	25.3		27.2	27	<i>2018</i>	6
1.00	Consumer Expenditures: Eldercare	<i>average dollar amount per consumer unit</i>	20.8		20.5	34.3	<i>2021</i>	7
1.00	Hyperlipidemia: Medicare Population	<i>percent</i>	45.2		49.4	47.7	<i>2018</i>	6
1.00	Ischemic Heart Disease: Medicare Population	<i>percent</i>	25.8		27.5	26.8	<i>2018</i>	6
0.97	COPD: Medicare Population	<i>percent</i>	11.2		13.2	11.5	<i>2018</i>	6
0.92	Adults 65+ who Received Recommended Preventive Services: Males	<i>percent</i>	34.5			32.4	<i>2018</i>	4
0.64	Age-Adjusted Death Rate due to Alzheimer's Disease	<i>deaths/100,000 population</i>	21		34	30.5	<i>2017-2019</i>	5

SCORE	ORAL HEALTH	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.58	Adults 65+ with Total Tooth Loss	<i>percent</i>	15.5			13.5	<i>2018</i>	4
1.50	Adults who Visited a Dentist	<i>percent</i>	51.3		51.6	52.9	<i>2021</i>	8
1.14	Oral Cavity and Pharynx Cancer Incidence Rate	<i>cases/100,000 population</i>	11.5		12.2	11.9	<i>2014-2018</i>	12
0.33	Dentist Rate	<i>dentists/100,000 population</i>	109.6		64.2		<i>2019</i>	9
SCORE	OTHER CONDITIONS	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.08	Osteoporosis: Medicare Population	<i>percent</i>	6.3		6.2	6.6	<i>2018</i>	6
1.92	Adults with Kidney Disease	<i>Percent of adults</i>	3.6			3.1	<i>2019</i>	4
1.92	Chronic Kidney Disease: Medicare Population	<i>percent</i>	25.2		25.3	24.5	<i>2018</i>	6
1.92	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	<i>percent</i>	35.4		36.1	33.5	<i>2018</i>	6

1.69	Age-Adjusted Death Rate due to Kidney Disease	<i>deaths/100,000 population</i>	15.2		14.5	12.9	<i>2017-2019</i>	5
1.42	Adults with Arthritis	<i>percent</i>	29.3			25.1	<i>2019</i>	4
SCORE	PHYSICAL ACTIVITY	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.22	Adults 20+ who are Obese	<i>percent</i>	34.2	36			<i>2019</i>	5
2.14	Fast Food Restaurant Density	<i>restaurants/1,000 population</i>	0.9				<i>2016</i>	23
1.67	Farmers Market Density	<i>markets/1,000 population</i>	0				<i>2018</i>	23
1.67	People 65+ with Low Access to a Grocery Store	<i>percent</i>	3.4				<i>2015</i>	23
1.64	Adults 20+ who are Sedentary	<i>percent</i>	25.1				<i>2019</i>	5
1.64	SNAP Certified Stores	<i>stores/1,000 population</i>	0.9				<i>2017</i>	23
1.53	Food Environment Index	<i>index</i>	7.3		6.8	7.8	<i>2021</i>	9
1.50	Children with Low Access to a Grocery Store	<i>percent</i>	4.3				<i>2015</i>	23
1.50	WIC Certified Stores	<i>stores/1,000 population</i>	0.1				<i>2016</i>	23

1.42	Health Behaviors Ranking	<i>ranking</i>	31				<i>2021</i>	9
1.33	Low-Income and Low Access to a Grocery Store	<i>percent</i>	4.3				<i>2015</i>	23
1.31	Grocery Store Density	<i>stores/ 1,000 population</i>	0.2				<i>2016</i>	23
1.00	Households with No Car and Low Access to a Grocery Store	<i>percent</i>	1.3				<i>2015</i>	23
1.00	Recreation and Fitness Facilities	<i>facilities/ 1,000 population</i>	0.1				<i>2016</i>	23
0.83	Adult Sugar-Sweetened Beverage Consumption: Past 7 Days	<i>percent</i>	79.6		80.9	80.4	<i>2021</i>	8
0.69	Workers who Walk to Work	<i>percent</i>	2.7		2.2	2.7	<i>2015-2019</i>	1
0.50	Access to Exercise Opportunities	<i>percent</i>	97.5		83.9	84	<i>2020</i>	9
SCORE	PREVENTION & SAFETY	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.31	Age-Adjusted Death Rate due to Falls	<i>deaths/ 100,000 population</i>	11.6		10.5	9.5	<i>2017-2019</i>	5

2.00	Age-Adjusted Death Rate due to Motor Vehicle Collisions	<i>deaths/100,000 population</i>	3.6		2.8	2.5	<i>2015-2019</i>	5
2.22	Age-Adjusted Death Rate due to Unintentional Injuries	<i>deaths/100,000 population</i>	69.7	43.2	68.8	48.9	<i>2017-2019</i>	5
2.31	Age-Adjusted Death Rate due to Unintentional Poisonings	<i>deaths/100,000 population</i>	42		40.2	21.4	<i>2017-2019</i>	5
2.64	Death Rate due to Drug Poisoning	<i>deaths/100,000 population</i>	42.6		38.1	21	<i>2017-2019</i>	9
1.75	Severe Housing Problems	<i>percent</i>	17.1		13.7	18	<i>2013-2017</i>	9
SCORE	RESPIRATORY DISEASES	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.25	Adults with Current Asthma	<i>percent</i>	11			8.9	<i>2019</i>	4
2.03	Asthma: Medicare Population	<i>percent</i>	5.2		4.8	5	<i>2018</i>	6
2.00	Consumer Expenditures: Tobacco and Legal Marijuana	<i>average dollar amount per consumer unit</i>	485.5		487.9	422.4	<i>2021</i>	7
1.61	Tuberculosis Incidence Rate	<i>cases/100,000 population</i>	1.2	1.4	1.1		<i>2020</i>	16

1.58	Adults with COPD	<i>Percent of adults</i>	8.6			6.6	<i>2019</i>	4
1.53	COVID-19 Daily Average Case-Fatality Rate	<i>deaths per 100 cases</i>	0		0	0.5	<i>28-Jan-22</i>	11
1.44	Age-Adjusted Death Rate due to Lung Cancer	<i>deaths/100,000 population</i>	42.9	25.1	45	36.7	<i>2015-2019</i>	12
1.42	Adults who Smoke	<i>percent</i>	20.9	5	21.4	17	<i>2018</i>	9
1.36	Lung and Bronchus Cancer Incidence Rate	<i>cases/100,000 population</i>	63.7		67.3	57.3	<i>2014-2018</i>	12
0.97	COPD: Medicare Population	<i>percent</i>	11.2		13.2	11.5	<i>2018</i>	6
0.83	Adults Who Used Electronic Cigarettes: Past 30 Days	<i>percent</i>	4		4.3	4.1	<i>2021</i>	8
0.81	Age-Adjusted Death Rate due to Chronic Lower Respiratory Diseases	<i>deaths/100,000 population</i>	38.4		47.8	39.6	<i>2017-2019</i>	5
0.50	Adults Who Used Smokeless Tobacco: Past 30 Days	<i>percent</i>	1.2		2.2	2	<i>2021</i>	8
0.08	Age-Adjusted Death Rate due to Influenza and Pneumonia	<i>deaths/100,000 population</i>	11.1		14.4	13.8	<i>2017-2019</i>	5

0.08	COVID-19 Daily Average Incidence Rate	<i>cases per 100,000 population</i>	30.6		128.4	177.3	<i>28-Jan-22</i>	11
SCORE	TOBACCO USE	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.00	Consumer Expenditures: Tobacco and Legal Marijuana	<i>average dollar amount per consumer unit</i>	485.5		487.9	422.4	<i>2021</i>	7
1.42	Adults who Smoke	<i>percent</i>	20.9	5	21.4	17	<i>2018</i>	9
0.83	Adults Who Used Electronic Cigarettes: Past 30 Days	<i>percent</i>	4		4.3	4.1	<i>2021</i>	8
0.50	Adults Who Used Smokeless Tobacco: Past 30 Days	<i>percent</i>	1.2		2.2	2	<i>2021</i>	8
SCORE	WELLNESS & LIFESTYLE	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.58	Insufficient Sleep	<i>percent</i>	44.9	31.4	40.6	35	<i>2018</i>	9
1.75	Morbidity Ranking	<i>ranking</i>	76				<i>2021</i>	9
1.67	Poor Physical Health: Average Number of Days	<i>days</i>	4.2		4.1	3.7	<i>2018</i>	9
1.58	Poor Physical Health: 14+ Days	<i>percent</i>	14.3			12.5	<i>2019</i>	4

1.58	Self-Reported General Health Assessment: Poor or Fair	<i>percent</i>	21.1			18.6	<i>2019</i>	4
1.50	High Blood Pressure Prevalence	<i>percent</i>	35.4	27.7		32.6	<i>2019</i>	4
1.50	Life Expectancy	<i>years</i>	77		77	79.2	<i>2017-2019</i>	9
1.33	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	<i>Percent</i>	41.1		41.5	41.2	<i>2021</i>	8
1.33	Consumer Expenditures: Fast Food Restaurants	<i>average dollar amount per consumer unit</i>	1415.1		1461	1638.9	<i>2021</i>	7
1.17	Adults who Agree Vaccine Benefits Outweigh Possible Risks	<i>Percent</i>	48.6		48.6	49.4	<i>2021</i>	8
1.00	Self-Reported General Health Assessment: Good or Better	<i>percent</i>	85.8		85.6	86.5	<i>2021</i>	8
0.83	Adult Sugar-Sweetened Beverage Consumption: Past 7 Days	<i>percent</i>	79.6		80.9	80.4	<i>2021</i>	8

SCORE	WOMEN'S HEALTH	UNITS	CUYAHOGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.58	Breast Cancer Incidence Rate	<i>cases/100,000 females</i>	134.8		129.6	126.8	<i>2014-2018</i>	12
2.28	Age-Adjusted Death Rate due to Breast Cancer	<i>deaths/100,000 females</i>	23.6	15.3	21.6	19.9	<i>2015-2019</i>	12
0.94	Mammogram in Past 2 Years: 50-74	<i>percent</i>	75.2	77.1		74.8	<i>2018</i>	4
0.89	Cervical Cancer Screening: 21-65	<i>Percent</i>	85.3	84.3		84.7	<i>2018</i>	4
0.61	Cervical Cancer Incidence Rate	<i>cases/100,000 females</i>	6.4		7.9	7.7	<i>2014-2018</i>	12

Cuyahoga Data Sources

Key	Source Name
1	American Community Survey
2	American Lung Association
3	Annie E. Casey Foundation
4	CDC - PLACES
5	Centers for Disease Control and Prevention
6	Centers for Medicare & Medicaid Services
7	Claritas Consumer Buying Power
8	Claritas Consumer Profiles
9	County Health Rankings
10	Feeding America
11	Healthy Communities Institute
12	National Cancer Institute
13	National Center for Education Statistics
14	National Environmental Public Health Tracking Network
15	Ohio Department of Education
16	Ohio Department of Health, Infectious Diseases
17	Ohio Department of Health, Vital Statistics Ohio Department of Public Safety, Office of Criminal Justice
18	Services
19	Ohio Public Health Information Warehouse
20	Ohio Secretary of State
21	U.S. Bureau of Labor Statistics
22	U.S. Census - County Business Patterns
23	U.S. Department of Agriculture - Food Environment Atlas
24	U.S. Environmental Protection Agency
25	United For ALICE

SCORE	ALCOHOL & DRUG USE	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.50	Consumer Expenditures: Alcoholic Beverages	<i>average dollar amount per consumer unit</i>	962.6		651.5	701.9	2021	7
1.92	Adults who Binge Drink	<i>percent</i>	17.4			16.7	2019	4
1.50	Adults who Drink Excessively	<i>percent</i>	18.5		18.5	19	2018	9
1.25	Age-Adjusted Drug and Opioid-Involved Overdose Death Rate	<i>Deaths per 100,000 population</i>	25.7		42	22.8	2017-2019	5
1.25	Health Behaviors Ranking	<i>ranking</i>	3				2021	9
1.17	Death Rate due to Drug Poisoning	<i>deaths/ 100,000 population</i>	21.7		38.1	21	2017-2019	9
0.86	Mothers who Smoked During Pregnancy	<i>percent</i>	5	4.3	11.5	5.5	2020	17
0.50	Alcohol-Impaired Driving Deaths	<i>percent of driving deaths with alcohol involvement</i>	25	28.3	32.2	27	2015-2019	9
0.50	Liquor Store Density	<i>stores/ 100,000 population</i>	4.3		5.6	10.5	2019	22
SCORE	CANCER	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.64	Cancer: Medicare Population	<i>percent</i>	9.3		8.4	8.4	2018	6
2.47	Breast Cancer Incidence Rate	<i>cases/ 100,000 females</i>	141.5		129.6	126.8	2014-2018	12
2.25	Adults with Cancer	<i>percent</i>	8.9			7.1	2019	4
1.75	All Cancer Incidence Rate	<i>cases/ 100,000 population</i>	452.4		467.5	448.6	2014-2018	12
1.56	Age-Adjusted Death Rate due to Breast Cancer	<i>deaths/ 100,000 females</i>	20.4	15.3	21.6	19.9	2015-2019	12

1.44	Mammogram in Past 2 Years: 50-74	<i>percent</i>	73.7	77.1		74.8	<i>2018</i>	4
1.11	Colon Cancer Screening	<i>percent</i>	67	74.4		66.4	<i>2018</i>	4
1.06	Age-Adjusted Death Rate due to Prostate Cancer	<i>deaths/ 100,000 males</i>	17.9	16.9	19.4	18.9	<i>2015-2019</i>	12
1.03	Colorectal Cancer Incidence Rate	<i>cases/ 100,000 population</i>	38.5		41.3	38	<i>2014-2018</i>	12
0.89	Age-Adjusted Death Rate due to Cancer	<i>deaths/ 100,000 population</i>	140	122.7	169.4	152.4	<i>2015-2019</i>	12
0.89	Cervical Cancer Screening: 21-65	<i>Percent</i>	85.9	84.3		84.7	<i>2018</i>	4
0.72	Age-Adjusted Death Rate due to Lung Cancer	<i>deaths/ 100,000 population</i>	32	25.1	45	36.7	<i>2015-2019</i>	12
0.64	Lung and Bronchus Cancer Incidence Rate	<i>cases/ 100,000 population</i>	49		67.3	57.3	<i>2014-2018</i>	12
0.44	Age-Adjusted Death Rate due to Colorectal Cancer	<i>deaths/ 100,000 population</i>	9.8	8.9	14.8	13.4	<i>2015-2019</i>	12
0.42	Prostate Cancer Incidence Rate	<i>cases/ 100,000 males</i>	94.5		107.2	106.2	<i>2014-2018</i>	12
0.08	Oral Cavity and Pharynx Cancer Incidence Rate	<i>cases/ 100,000 population</i>	10.5		12.2	11.9	<i>2014-2018</i>	12
SCORE	CHILDREN'S HEALTH	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.50	Consumer Expenditures: Childcare	<i>average dollar amount per consumer unit</i>	443.4		301.6	368.2	<i>2021</i>	7
1.67	Children with Health Insurance	<i>percent</i>	85.8		95.2	94.3	<i>2019</i>	1
1.67	Children with Low Access to a Grocery Store	<i>percent</i>	4.9				<i>2015</i>	23

1.31	Blood Lead Levels in Children (>=10 micrograms per deciliter)	<i>percent</i>	0.3		0.5		2020	19
1.31	Blood Lead Levels in Children (>=5 micrograms per deciliter)	<i>percent</i>	1		1.9		2020	19
0.92	Substantiated Child Abuse Rate	<i>cases/ 1,000 children</i>	2.2	8.7	6.8		2020	3
0.75	Projected Child Food Insecurity Rate	<i>percent</i>	10.4		18.5		2021	10
0.50	Child Food Insecurity Rate	<i>percent</i>	9.8		17.4	14.6	2019	10
SCORE	COMMUNITY	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.47	Households without a Vehicle	<i>percent</i>	9.1		7.9	8.6	2015-2019	1
2.33	Consumer Expenditures: Local Public Transportation	<i>average dollar amount per consumer unit</i>	151.2		121.7	148.8	2021	7
2.31	Workers who Walk to Work	<i>percent</i>	1.5		2.2	2.7	2015-2019	1
2.19	Mean Travel Time to Work	<i>minutes</i>	28.1		23.7	26.9	2015-2019	1
2.14	Social Associations	<i>membership associations/ 10,000 population</i>	9.4		11	9.3	2018	9
2.08	Solo Drivers with a Long Commute	<i>percent</i>	45.1		31.1	37	2015-2019	9
2.06	Workers Commuting by Public Transportation	<i>percent</i>	0.4	5.3	1.6	5	2015-2019	1
2.00	Age-Adjusted Death Rate due to Motor Vehicle Collisions	<i>deaths/ 100,000 population</i>	4.7		2.8	2.5	2013-2017	5
2.00	Households with No Car and Low Access to a Grocery Store	<i>percent</i>	6.3				2015	23

1.83	Persons with an Internet Subscription	<i>percent</i>	81		86.2	86.2	<i>2015-2019</i>	1
1.67	Households with One or More Types of Computing Devices	<i>percent</i>	87.4		89.1	90.3	<i>2015-2019</i>	1
1.50	Households with an Internet Subscription	<i>percent</i>	81.9		82.4	83	<i>2015-2019</i>	1
1.33	Households with Wireless Phone Service	<i>percent</i>	96.6		96.8	97	<i>2020</i>	8
1.25	Social and Economic Factors Ranking	<i>ranking</i>	8				<i>2021</i>	9
1.19	Linguistic Isolation	<i>percent</i>	1.2		1.4	4.4	<i>2015-2019</i>	1
1.03	Workers who Drive Alone to Work	<i>percent</i>	79.4		82.9	76.3	<i>2015-2019</i>	1
0.92	People 65+ Living Alone	<i>percent</i>	20.2		28.8	26.1	<i>2015-2019</i>	1
0.92	Substantiated Child Abuse Rate	<i>cases/ 1,000 children</i>	2.2	8.7	6.8		<i>2020</i>	3
0.89	Violent Crime Rate	<i>crimes/ 100,000 population</i>	37.1		303.5	394	<i>2017</i>	18
0.86	Voter Turnout: Presidential Election	<i>percent</i>	83.3		74		<i>2020</i>	20
0.83	Adults with Internet Access	<i>percent</i>	95.8		94.5	95	<i>2021</i>	8
0.83	Households with a Computer	<i>percent</i>	89.6		85.2	86.3	<i>2021</i>	8
0.83	Households with a Smartphone	<i>percent</i>	82.8		80.5	81.9	<i>2021</i>	8
0.53	Youth not in School or Working	<i>percent</i>	0.6		1.8	1.9	<i>2015-2019</i>	1
0.50	Alcohol-Impaired Driving Deaths	<i>percent of driving deaths with alcohol involvement</i>	25	28.3	32.2	27	<i>2015-2019</i>	9
0.36	Homeownership	<i>percent</i>	81.9		59.4	56.2	<i>2015-2019</i>	1
0.36	People 25+ with a Bachelor's Degree or Higher	<i>percent</i>	38		28.3	32.1	<i>2015-2019</i>	1

0.36	Young Children Living Below Poverty Level	<i>percent</i>	8		23	20.3	<i>2015-2019</i>	1
0.08	Children Living Below Poverty Level	<i>percent</i>	6		19.9	18.5	<i>2015-2019</i>	1
0.08	Median Household Income	<i>dollars</i>	82303		56602	62843	<i>2015-2019</i>	1
0.08	Per Capita Income	<i>dollars</i>	42958		31552	34103	<i>2015-2019</i>	1
0.08	Single-Parent Households	<i>percent</i>	9.2		27.1	25.5	<i>2015-2019</i>	1
0.00	People Living Below Poverty Level	<i>percent</i>	5.8	8	14	13.4	<i>2015-2019</i>	1
SCORE	DIABETES	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.14	Adults 20+ with Diabetes	<i>percent</i>	7.5				<i>2019</i>	5
0.36	Age-Adjusted Death Rate due to Diabetes	<i>deaths/ 100,000 population</i>	13.2		25.3	21.5	<i>2017-2019</i>	5
0.36	Diabetes: Medicare Population	<i>percent</i>	20.7		27.2	27	<i>2018</i>	6
SCORE	ECONOMY	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.50	Consumer Expenditures: Homeowner Expenses	<i>average dollar amount per consumer unit</i>	10754.3		7828	8900.1	<i>2021</i>	7
1.86	Overcrowded Households	<i>percent of households</i>	1.9		1.4		<i>2015-2019</i>	1
1.86	SNAP Certified Stores	<i>stores/ 1,000 population</i>	0.5				<i>2017</i>	23
1.67	Income Inequality		0.5		0.5	0.5	<i>2015-2019</i>	1
1.64	Size of Labor Force	<i>persons</i>	47369				<i>44470</i>	21
1.61	Mortgaged Owners Spending 30% or More of Household Income on Housing	<i>percent</i>	25.5		19.7	26.5	<i>2019</i>	1

1.50	WIC Certified Stores	<i>stores/ 1,000 population</i>	0.1				<i>2016</i>	23
1.31	Renters Spending 30% or More of Household Income on Rent	<i>percent</i>	43.5		44.9	49.6	<i>2015-2019</i>	1
1.25	Social and Economic Factors Ranking	<i>ranking</i>	8				<i>2021</i>	9
1.03	Severe Housing Problems	<i>percent</i>	12.4		13.7	18	<i>2013-2017</i>	9
1.00	Households that are Above the Asset Limited, Income Constrained, Employed (ALICE) Threshold	<i>percent</i>	73.2		61.6		<i>2018</i>	25
1.00	Households that are Asset Limited, Income Constrained, Employed (ALICE)	<i>percent</i>	20.2		24.5		<i>2018</i>	25
1.00	Households that are Below the Federal Poverty Level	<i>percent</i>	6.5		13.8		<i>2018</i>	25
1.00	Low-Income and Low Access to a Grocery Store	<i>percent</i>	3.3				<i>2015</i>	23
0.86	Students Eligible for the Free Lunch Program	<i>percent</i>	12.8				<i>2019-2020</i>	13
0.83	Households with a Savings Account	<i>percent</i>	75.2		68.8	70.2	<i>2021</i>	8
0.75	Projected Child Food Insecurity Rate	<i>percent</i>	10.4		18.5		<i>2021</i>	10
0.75	Projected Food Insecurity Rate	<i>percent</i>	9.3		14.1		<i>2021</i>	10
0.64	People 65+ Living Below Poverty Level	<i>percent</i>	5.2		8.1	9.3	<i>2015-2019</i>	1
0.64	Persons with Disability Living in Poverty (5-year)	<i>percent</i>	19.4		29.5	26.1	<i>2015-2019</i>	1
0.53	Youth not in School or Working	<i>percent</i>	0.6		1.8	1.9	<i>2015-2019</i>	1

0.50	Adults who Feel Overwhelmed by Financial Burdens	<i>percent</i>	12.2		14.6	14.4	<i>2021</i>	8
0.50	Child Food Insecurity Rate	<i>percent</i>	9.8		17.4	14.6	<i>2019</i>	10
0.50	Consumer Expenditures: Home Rental Expenses	<i>average dollar amount per consumer unit</i>	2921.4		3798.7	5460.2	<i>2021</i>	7
0.50	Food Insecurity Rate	<i>percent</i>	8.7		13.2	10.9	<i>2019</i>	10
0.36	Homeownership	<i>percent</i>	81.9		59.4	56.2	<i>2015-2019</i>	1
0.36	Households with Cash Public Assistance Income	<i>percent</i>	1.3		2.9	2.4	<i>2015-2019</i>	1
0.36	Young Children Living Below Poverty Level	<i>percent</i>	8		23	20.3	<i>2015-2019</i>	1
0.25	Unemployed Workers in Civilian Labor Force	<i>percent</i>	2.6		3.8	4.3	<i>Oct, 2021</i>	21
0.08	Children Living Below Poverty Level	<i>percent</i>	6		19.9	18.5	<i>2015-2019</i>	1
0.08	Families Living Below Poverty Level	<i>percent</i>	3.5		9.9	9.5	<i>2015-2019</i>	1
0.08	Median Household Income	<i>dollars</i>	82303		56602	62843	<i>2015-2019</i>	1
0.08	People Living 200% Above Poverty Level	<i>percent</i>	81		68.8	69.1	<i>2015-2019</i>	1
0.08	Per Capita Income	<i>dollars</i>	42958		31552	34103	<i>2015-2019</i>	1
0.00	People Living Below Poverty Level	<i>percent</i>	5.8	8	14	13.4	<i>2015-2019</i>	1
SCORE	EDUCATION	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.50	Consumer Expenditures: Childcare	<i>average dollar amount per consumer unit</i>	443.4		301.6	368.2	<i>2021</i>	7
2.50	Consumer Expenditures: Education	<i>average dollar amount per consumer unit</i>	1709.6		1200.4	1492.4	<i>2021</i>	7

1.97	Student-to-Teacher Ratio	<i>students/ teacher</i>	17.5				<i>2019-2020</i>	13
1.14	4th Grade Students Proficient in English/Language Arts	<i>percent</i>	75.8		56		<i>2020-2021</i>	15
1.14	8th Grade Students Proficient in Math	<i>percent</i>	64.3		42.6		<i>2020-2021</i>	15
1.00	4th Grade Students Proficient in Math	<i>percent</i>	81.4		59.4		<i>2020-2021</i>	15
1.00	High School Graduation	<i>percent</i>	96.1	90.7	92		<i>2019-2020</i>	15
0.58	8th Grade Students Proficient in English/Language Arts	<i>percent</i>	72		52.7		<i>2020-2021</i>	15
0.36	People 25+ with a Bachelor's Degree or Higher	<i>percent</i>	38		28.3	32.1	<i>2015-2019</i>	1
SCORE	ENVIRONMENTAL HEALTH	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.00	Households with No Car and Low Access to a Grocery Store	<i>percent</i>	6.3				<i>2015</i>	23
1.86	Overcrowded Households	<i>percent of households</i>	1.9		1.4		<i>2015-2019</i>	1
1.86	SNAP Certified Stores	<i>stores/ 1,000 population</i>	0.5				<i>2017</i>	23
1.75	Annual Ozone Air Quality		E				<i>2017-2019</i>	2
1.75	Physical Environment Ranking	<i>ranking</i>	82				<i>2021</i>	9
1.67	Children with Low Access to a Grocery Store	<i>percent</i>	4.9				<i>2015</i>	23
1.67	Grocery Store Density	<i>stores/ 1,000 population</i>	0.1				<i>2016</i>	23
1.67	People 65+ with Low Access to a Grocery Store	<i>percent</i>	3.2				<i>2015</i>	23
1.50	WIC Certified Stores	<i>stores/ 1,000 population</i>	0.1				<i>2016</i>	23

1.36	Fast Food Restaurant Density	<i>restaurants/ 1,000 population</i>	0.6				<i>2016</i>	23
1.36	Number of Extreme Heat Days	<i>days</i>	13				<i>2019</i>	14
1.36	Number of Extreme Heat Events	<i>events</i>	8				<i>2019</i>	14
1.36	Number of Extreme Precipitation Days	<i>days</i>	27				<i>2019</i>	14
1.33	Access to Exercise Opportunities	<i>percent</i>	81.3		83.9	84	<i>2020</i>	9
1.33	Farmers Market Density	<i>markets/ 1,000 population</i>	0				<i>2018</i>	23
1.31	Blood Lead Levels in Children (>=10 micrograms per deciliter)	<i>percent</i>	0.3		0.5		<i>2020</i>	19
1.31	Blood Lead Levels in Children (>=5 micrograms per deciliter)	<i>percent</i>	1		1.9		<i>2020</i>	19
1.25	Adults with Current Asthma	<i>percent</i>	9.6			8.9	<i>2019</i>	4
1.19	Asthma: Medicare Population	<i>percent</i>	4.5		4.8	5	<i>2018</i>	6
1.08	Recognized Carcinogens Released into Air	<i>pounds</i>	268.3				<i>2020</i>	24
1.03	Severe Housing Problems	<i>percent</i>	12.4		13.7	18	<i>2013-2017</i>	9
1.00	Low-Income and Low Access to a Grocery Store	<i>percent</i>	3.3				<i>2015</i>	23
1.00	Recreation and Fitness Facilities	<i>facilities/ 1,000 population</i>	0.2				<i>2016</i>	23
0.50	Liquor Store Density	<i>stores/ 100,000 population</i>	4.3		5.6	10.5	<i>2019</i>	22
0.42	Houses Built Prior to 1950	<i>percent</i>	16.7		26.2	17.5	<i>2015-2019</i>	1
0.36	Food Environment Index	<i>index</i>	8.8		6.8	7.8	<i>2021</i>	9

SCORE	HEALTH CARE ACCESS & QUALITY	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.50	Consumer Expenditures: Health Insurance	<i>average dollar amount per consumer unit</i>	6252.6		4371.7	4321.1	2021	7
2.50	Consumer Expenditures: Medical Services	<i>average dollar amount per consumer unit</i>	1678.5		1098.6	1047.4	2021	7
2.50	Consumer Expenditures: Medical Supplies	<i>average dollar amount per consumer unit</i>	305.2		204.8	194.9	2021	7
2.50	Consumer Expenditures: Prescription and Non-Prescription Drugs	<i>average dollar amount per consumer unit</i>	920.8		638.9	609.6	2021	7
1.83	Non-Physician Primary Care Provider Rate	<i>providers/ 100,000 population</i>	36.3		108.9		2020	9
1.75	Persons without Health Insurance	<i>percent</i>	10.4		6.6		2019	1
1.67	Children with Health Insurance	<i>percent</i>	85.8		95.2	94.3	2019	1
1.56	Primary Care Provider Rate	<i>providers/ 100,000 population</i>	68.1		76.7		2018	9
1.50	Adults with Health Insurance	<i>percent</i>	87.6		90.9	87.1	2019	1
1.25	Adults who have had a Routine Checkup	<i>percent</i>	78.8			76.6	2019	4
1.25	Clinical Care Ranking	<i>ranking</i>	19				2021	9
1.17	Dentist Rate	<i>dentists/ 100,000 population</i>	50.2		64.2		2019	9
1.00	Mental Health Provider Rate	<i>providers/ 100,000 population</i>	225.3		261.3		2020	9
0.83	Adults with Health Insurance: 18+	<i>percent</i>	93.5		90.2	90.6	2021	8
0.75	Adults without Health Insurance	<i>percent</i>	9.8			13	2019	4

0.50	Adults who Visited a Dentist	<i>percent</i>	59.6		51.6	52.9	<i>2021</i>	8
SCORE	HEART DISEASE & STROKE	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.92	Atrial Fibrillation: Medicare Population	<i>percent</i>	10.5		9	8.4	<i>2018</i>	6
1.92	High Cholesterol Prevalence: Adults 18+	<i>percent</i>	35.8			33.6	<i>2019</i>	4
1.67	High Blood Pressure Prevalence	<i>percent</i>	36.1	<i>27.7</i>		32.6	<i>2019</i>	4
1.58	Adults who Experienced Coronary Heart Disease	<i>percent</i>	7.6			6.2	<i>2019</i>	4
1.42	Hypertension: Medicare Population	<i>percent</i>	54.6		59.5	57.2	<i>2018</i>	6
1.36	Ischemic Heart Disease: Medicare Population	<i>percent</i>	27		27.5	26.8	<i>2018</i>	6
1.25	Adults who Experienced a Stroke	<i>percent</i>	3.6			3.4	<i>2019</i>	4
1.25	Cholesterol Test History	<i>percent</i>	87			87.6	<i>2019</i>	4
1.17	Hyperlipidemia: Medicare Population	<i>percent</i>	46.2		49.4	47.7	<i>2018</i>	6
0.92	Adults who Have Taken Medications for High Blood Pressure	<i>percent</i>	79.9			76.2	<i>2019</i>	4
0.86	Age-Adjusted Death Rate due to Heart Attack	<i>deaths/ 100,000 population 35+ years</i>	45.5		55.4		<i>2019</i>	14
0.56	Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)	<i>deaths/ 100,000 population</i>	29.7	33.4	42.5	37.2	<i>2017-2019</i>	5
0.53	Stroke: Medicare Population	<i>percent</i>	3.3		3.8	3.8	<i>2018</i>	6

0.36	Heart Failure: Medicare Population	<i>percent</i>	12.3		14.7	14	<i>2018</i>	6
0.06	Age-Adjusted Death Rate due to Coronary Heart Disease	<i>deaths/ 100,000 population</i>	68	71.1	101.4	90.5	<i>2017-2019</i>	5
SCORE	IMMUNIZATIONS & INFECTIOUS DISEASES	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.97	COVID-19 Daily Average Case-Fatality Rate	<i>deaths per 100 cases</i>	1.4		0.3	1.6	<i>4-Feb-22</i>	11
1.86	Overcrowded Households	<i>percent of households</i>	1.9		1.4		<i>2015-2019</i>	1
1.42	Gonorrhea Incidence Rate	<i>cases/ 100,000 population</i>	33.1		262.6		<i>2020</i>	16
1.33	Salmonella Infection Incidence Rate	<i>cases/ 100,000 population</i>	11.7	11.1	13.7		<i>2019</i>	16
1.19	Age-Adjusted Death Rate due to Influenza and Pneumonia	<i>deaths/ 100,000 population</i>	14		14.4	13.8	<i>2017-2019</i>	5
1.14	Chlamydia Incidence Rate	<i>cases/ 100,000 population</i>	171.9		504.8		<i>2020</i>	16
1.06	Tuberculosis Incidence Rate	<i>cases/ 100,000 population</i>	0	1.4	1.1		<i>2020</i>	16
0.83	Adults who Agree Vaccine Benefits Outweigh Possible Risks	<i>Percent</i>	52		48.6	49.4	<i>2021</i>	8
0.58	Persons Fully Vaccinated Against COVID-19	<i>percent</i>	60.3				<i>4-Feb-22</i>	5
0.08	COVID-19 Daily Average Incidence Rate	<i>cases per 100,000 population</i>	11.2		36.7	67.6	<i>4-Feb-22</i>	11
SCORE	MATERNAL, FETAL & INFANT HEALTH	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source

2.50	Consumer Expenditures: Childcare	<i>average dollar amount per consumer unit</i>	443.4		301.6	368.2	2021	7
2.25	Mothers who Received Early Prenatal Care	<i>percent</i>	57.1		68.9	76.1	2020	17
1.58	Infant Mortality Rate	<i>deaths/ 1,000 live births</i>	6.7	5	6.9		2019	17
0.86	Mothers who Smoked During Pregnancy	<i>percent</i>	5	4.3	11.5	5.5	2020	17
0.86	Teen Birth Rate: 15-17	<i>live births/ 1,000 females aged 15-17</i>	1.4		6.8		2020	17
0.86	Teen Pregnancy Rate	<i>pregnancies/ 1,000 females aged 15-17</i>	10.7		19.5		2016	17
0.78	Babies with Very Low Birth Weight	<i>percent</i>	1.1		1.4	1.3	2020	17
0.78	Preterm Births	<i>percent</i>	6.4	9.4	10.3		2020	17
0.61	Babies with Low Birth Weight	<i>percent</i>	6.1		8.5	8.2	2020	17
SCORE	MEDICATIONS & PRESCRIPTIONS	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.50	Consumer Expenditures: Medical Services	<i>average dollar amount per consumer unit</i>	1678.5		1098.6	1047.4	2021	7
2.50	Consumer Expenditures: Medical Supplies	<i>average dollar amount per consumer unit</i>	305.2		204.8	194.9	2021	7
2.50	Consumer Expenditures: Prescription and Non-Prescription Drugs	<i>average dollar amount per consumer unit</i>	920.8		638.9	609.6	2021	7
SCORE	MENTAL HEALTH & MENTAL DISORDERS	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.25	Adults Ever Diagnosed with Depression	<i>percent</i>	20.5			18.8	2019	4

1.25	Depression: Medicare Population	<i>percent</i>	17.7		20.4	18.4	2018	6
1.25	Poor Mental Health: 14+ Days	<i>percent</i>	14.1			13.6	2019	4
1.17	Poor Mental Health: Average Number of Days	<i>days</i>	4.3		4.8	4.1	2018	9
1.00	Alzheimer's Disease or Dementia: Medicare Population	<i>percent</i>	9.5		10.4	10.8	2018	6
1.00	Mental Health Provider Rate	<i>providers/ 100,000 population</i>	225.3		261.3		2020	9
0.83	Self-Reported General Health Assessment: Good or Better	<i>percent</i>	88.7		85.6	86.5	2021	8
0.78	Age-Adjusted Death Rate due to Suicide	<i>deaths/ 100,000 population</i>	12.7	12.8	15.1	14.1	2017-2019	5
0.36	Age-Adjusted Death Rate due to Alzheimer's Disease	<i>deaths/ 100,000 population</i>	16.3		34	30.5	2017-2019	5
SCORE	NUTRITION & HEALTHY EATING	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.50	Consumer Expenditures: Fast Food Restaurants	<i>average dollar amount per consumer unit</i>	2052.9		1461	1638.9	2021	7
2.50	Consumer Expenditures: High Sugar Beverages	<i>average dollar amount per consumer unit</i>	401.4		319.7	357	2021	7
2.50	Consumer Expenditures: High Sugar Foods	<i>average dollar amount per consumer unit</i>	696.6		519	530.2	2021	7
0.83	Adult Sugar-Sweetened Beverage Consumption: Past 7 Days	<i>percent</i>	79.7		80.9	80.4	2021	8

0.83	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	<i>Percent</i>	37.7		41.5	41.2	<i>2021</i>	8
0.50	Consumer Expenditures: Fruits and Vegetables	<i>average dollar amount per consumer unit</i>	1164.9		864.6	1002.1	<i>2021</i>	7
SCORE	OLDER ADULTS	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.92	Atrial Fibrillation: Medicare Population	<i>percent</i>	10.5		9	8.4	<i>2018</i>	6
2.75	Osteoporosis: Medicare Population	<i>percent</i>	6.9		6.2	6.6	<i>2018</i>	6
2.64	Cancer: Medicare Population	<i>percent</i>	9.3		8.4	8.4	<i>2018</i>	6
2.14	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	<i>percent</i>	36.7		36.1	33.5	<i>2018</i>	6
1.75	Adults with Arthritis	<i>percent</i>	31.7			25.1	<i>2019</i>	4
1.67	Consumer Expenditures: Eldercare	<i>average dollar amount per consumer unit</i>	28.9		20.5	34.3	<i>2021</i>	7
1.67	People 65+ with Low Access to a Grocery Store	<i>percent</i>	3.2				<i>2015</i>	23
1.42	Hypertension: Medicare Population	<i>percent</i>	54.6		59.5	57.2	<i>2018</i>	6
1.36	Ischemic Heart Disease: Medicare Population	<i>percent</i>	27		27.5	26.8	<i>2018</i>	6
1.25	Depression: Medicare Population	<i>percent</i>	17.7		20.4	18.4	<i>2018</i>	6
1.19	Asthma: Medicare Population	<i>percent</i>	4.5		4.8	5	<i>2018</i>	6
1.17	Hyperlipidemia: Medicare Population	<i>percent</i>	46.2		49.4	47.7	<i>2018</i>	6

1.11	Colon Cancer Screening	<i>percent</i>	67	74.4		66.4	<i>2018</i>	4
1.08	Chronic Kidney Disease: Medicare Population	<i>percent</i>	20.7		25.3	24.5	<i>2018</i>	6
1.00	Alzheimer's Disease or Dementia: Medicare Population	<i>percent</i>	9.5		10.4	10.8	<i>2018</i>	6
0.97	COPD: Medicare Population	<i>percent</i>	10.7		13.2	11.5	<i>2018</i>	6
0.92	Adults 65+ with Total Tooth Loss	<i>percent</i>	12.5			13.5	<i>2018</i>	4
0.92	People 65+ Living Alone	<i>percent</i>	20.2		28.8	26.1	<i>2015-2019</i>	1
0.75	Adults 65+ who Received Recommended Preventive Services: Females	<i>percent</i>	35.2			28.4	<i>2018</i>	4
0.75	Adults 65+ who Received Recommended Preventive Services: Males	<i>percent</i>	36.8			32.4	<i>2018</i>	4
0.64	People 65+ Living Below Poverty Level	<i>percent</i>	5.2		8.1	9.3	<i>2015-2019</i>	1
0.53	Stroke: Medicare Population	<i>percent</i>	3.3		3.8	3.8	<i>2018</i>	6
0.50	Age-Adjusted Death Rate due to Falls	<i>deaths/ 100,000 population</i>	6.6		10.5	9.5	<i>2017-2019</i>	5
0.36	Age-Adjusted Death Rate due to Alzheimer's Disease	<i>deaths/ 100,000 population</i>	16.3		34	30.5	<i>2017-2019</i>	5
0.36	Diabetes: Medicare Population	<i>percent</i>	20.7		27.2	27	<i>2018</i>	6
0.36	Heart Failure: Medicare Population	<i>percent</i>	12.3		14.7	14	<i>2018</i>	6
SCORE	ORAL HEALTH	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source

1.17	Dentist Rate	<i>dentists/ 100,000 population</i>	50.2		64.2		2019	9
0.92	Adults 65+ with Total Tooth Loss	<i>percent</i>	12.5			13.5	2018	4
0.50	Adults who Visited a Dentist	<i>percent</i>	59.6		51.6	52.9	2021	8
0.08	Oral Cavity and Pharynx Cancer Incidence Rate	<i>cases/ 100,000 population</i>	10.5		12.2	11.9	2014-2018	12
SCORE	OTHER CONDITIONS	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.75	Osteoporosis: Medicare Population	<i>percent</i>	6.9		6.2	6.6	2018	6
2.14	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	<i>percent</i>	36.7		36.1	33.5	2018	6
1.75	Adults with Arthritis	<i>percent</i>	31.7			25.1	2019	4
1.08	Chronic Kidney Disease: Medicare Population	<i>percent</i>	20.7		25.3	24.5	2018	6
0.92	Adults with Kidney Disease	<i>Percent of adults</i>	3.1			3.1	2019	4
0.08	Age-Adjusted Death Rate due to Kidney Disease	<i>deaths/ 100,000 population</i>	5.4		14.5	12.9	2017-2019	5
SCORE	PHYSICAL ACTIVITY	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.31	Workers who Walk to Work	<i>percent</i>	1.5		2.2	2.7	2015-2019	1
2.00	Households with No Car and Low Access to a Grocery Store	<i>percent</i>	6.3				2015	23
1.86	SNAP Certified Stores	<i>stores/ 1,000 population</i>	0.5				2017	23
1.67	Children with Low Access to a Grocery Store	<i>percent</i>	4.9				2015	23

1.67	Grocery Store Density	<i>stores/ 1,000 population</i>	0.1				2016	23
1.67	People 65+ with Low Access to a Grocery Store	<i>percent</i>	3.2				2015	23
1.50	WIC Certified Stores	<i>stores/ 1,000 population</i>	0.1				2016	23
1.39	Adults 20+ who are Obese	<i>percent</i>	30	36			2019	5
1.36	Fast Food Restaurant Density	<i>restaurants/ 1,000 population</i>	0.6				2016	23
1.33	Access to Exercise Opportunities	<i>percent</i>	81.3		83.9	84	2020	9
1.33	Farmers Market Density	<i>markets/ 1,000 population</i>	0				2018	23
1.25	Health Behaviors Ranking	<i>ranking</i>	3				2021	9
1.17	Adults 20+ who are Sedentary	<i>percent</i>	21.2				2019	5
1.00	Low-Income and Low Access to a Grocery Store	<i>percent</i>	3.3				2015	23
1.00	Recreation and Fitness Facilities	<i>facilities/ 1,000 population</i>	0.2				2016	23
0.83	Adult Sugar-Sweetened Beverage Consumption: Past 7 Days	<i>percent</i>	79.7		80.9	80.4	2021	8
0.36	Food Environment Index	<i>index</i>	8.8		6.8	7.8	2021	9
SCORE	PREVENTION & SAFETY	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.00	Age-Adjusted Death Rate due to Motor Vehicle Collisions	<i>deaths/ 100,000 population</i>	4.7		2.8	2.5	2013-2017	5
1.33	Age-Adjusted Death Rate due to Unintentional Poisonings	<i>deaths/ 100,000 population</i>	25.2		40.2	21.4	2017-2019	5

1.17	Death Rate due to Drug Poisoning	<i>deaths/ 100,000 population</i>	21.7		38.1	21	2017-2019	9
1.03	Severe Housing Problems	<i>percent</i>	12.4		13.7	18	2013-2017	9
0.92	Age-Adjusted Death Rate due to Unintentional Injuries	<i>deaths/ 100,000 population</i>	48.6	43.2	68.8	48.9	2017-2019	5
0.50	Age-Adjusted Death Rate due to Falls	<i>deaths/ 100,000 population</i>	6.6		10.5	9.5	2017-2019	5
SCORE	RESPIRATORY DISEASES	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.97	COVID-19 Daily Average Case-Fatality Rate	<i>deaths per 100 cases</i>	1.4		0.3	1.6	4-Feb-22	11
1.83	Consumer Expenditures: Tobacco and Legal Marijuana	<i>average dollar amount per consumer unit</i>	479.7		487.9	422.4	2021	7
1.67	Adults Who Used Smokeless Tobacco: Past 30 Days	<i>percent</i>	2.8		2.2	2	2021	8
1.58	Adults with COPD	<i>Percent of adults</i>	8.8			6.6	2019	4
1.25	Adults who Smoke	<i>percent</i>	18.8	5	21.4	17	2018	9
1.25	Adults with Current Asthma	<i>percent</i>	9.6			8.9	2019	4
1.19	Age-Adjusted Death Rate due to Influenza and Pneumonia	<i>deaths/ 100,000 population</i>	14		14.4	13.8	2017-2019	5
1.19	Asthma: Medicare Population	<i>percent</i>	4.5		4.8	5	2018	6
1.06	Tuberculosis Incidence Rate	<i>cases/ 100,000 population</i>	0	1.4	1.1		2020	16
0.97	COPD: Medicare Population	<i>percent</i>	10.7		13.2	11.5	2018	6
0.72	Age-Adjusted Death Rate due to Lung Cancer	<i>deaths/ 100,000 population</i>	32	25.1	45	36.7	2015-2019	12

0.64	Age-Adjusted Death Rate due to Chronic Lower Respiratory Diseases	<i>deaths/ 100,000 population</i>	35.2		47.8	39.6	2017-2019	5
0.64	Lung and Bronchus Cancer Incidence Rate	<i>cases/ 100,000 population</i>	49		67.3	57.3	2014-2018	12
0.50	Adults Who Used Electronic Cigarettes: Past 30 Days	<i>percent</i>	3.5		4.3	4.1	2021	8
0.08	COVID-19 Daily Average Incidence Rate	<i>cases per 100,000 population</i>	11.2		36.7	67.6	4-Feb-22	11
SCORE	TOBACCO USE	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.83	Consumer Expenditures: Tobacco and Legal Marijuana	<i>average dollar amount per consumer unit</i>	479.7		487.9	422.4	2021	7
1.67	Adults Who Used Smokeless Tobacco: Past 30 Days	<i>percent</i>	2.8		2.2	2	2021	8
1.25	Adults who Smoke	<i>percent</i>	18.8	5	21.4	17	2018	9
0.50	Adults Who Used Electronic Cigarettes: Past 30 Days	<i>percent</i>	3.5		4.3	4.1	2021	8
SCORE	WELLNESS & LIFESTYLE	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.50	Consumer Expenditures: Fast Food Restaurants	<i>average dollar amount per consumer unit</i>	2052.9		1461	1638.9	2021	7
1.67	High Blood Pressure Prevalence	<i>percent</i>	36.1	27.7		32.6	2019	4
1.42	Insufficient Sleep	<i>percent</i>	36.9	31.4	40.6	35	2018	9
1.25	Morbidity Ranking	<i>ranking</i>	5				2021	9

1.25	Poor Physical Health: 14+ Days	<i>percent</i>	13.2			12.5	<i>2019</i>	4
0.92	Self-Reported General Health Assessment: Poor or Fair	<i>percent</i>	17.9			18.6	<i>2019</i>	4
0.83	Adult Sugar-Sweetened Beverage Consumption: Past 7 Days	<i>percent</i>	79.7		80.9	80.4	<i>2021</i>	8
0.83	Adults who Agree Vaccine Benefits Outweigh Possible Risks	<i>Percent</i>	52		48.6	49.4	<i>2021</i>	8
0.83	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	<i>Percent</i>	37.7		41.5	41.2	<i>2021</i>	8
0.83	Life Expectancy	<i>years</i>	81.5		77	79.2	<i>2017-2019</i>	9
0.83	Poor Physical Health: Average Number of Days	<i>days</i>	3.7		4.1	3.7	<i>2018</i>	9
0.83	Self-Reported General Health Assessment: Good or Better	<i>percent</i>	88.7		85.6	86.5	<i>2021</i>	8
SCORE	WOMEN'S HEALTH	UNITS	GEAUGA COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.47	Breast Cancer Incidence Rate	<i>cases/ 100,000 females</i>	141.5		129.6	126.8	<i>2014-2018</i>	12
1.56	Age-Adjusted Death Rate due to Breast Cancer	<i>deaths/ 100,000 females</i>	20.4	15.3	21.6	19.9	<i>2015-2019</i>	12
1.44	Mammogram in Past 2 Years: 50-74	<i>percent</i>	73.7	77.1		74.8	<i>2018</i>	4
0.89	Cervical Cancer Screening: 21-65	<i>Percent</i>	85.9	84.3		84.7	<i>2018</i>	4

Geauga County Data Sources

Key	Data Source Name
1	American Community Survey
2	American Lung Association
3	Annie E. Casey Foundation
4	CDC - PLACES
5	Centers for Disease Control and Prevention
6	Centers for Medicare & Medicaid Services
7	Claritas Consumer Buying Power
8	Claritas Consumer Profiles
9	County Health Rankings
10	Feeding America
11	Healthy Communities Institute
12	National Cancer Institute
13	National Center for Education Statistics
14	National Environmental Public Health Tracking Network
15	Ohio Department of Education
16	Ohio Department of Health, Infectious Diseases
17	Ohio Department of Health, Vital Statistics
18	Ohio Department of Public Safety, Office of Criminal Justice Services
19	Ohio Public Health Information Warehouse
20	Ohio Secretary of State
21	U.S. Bureau of Labor Statistics
22	U.S. Census - County Business Patterns
23	U.S. Department of Agriculture - Food Environment Atlas
24	U.S. Environmental Protection Agency
25	United For ALICE

SCORE	ALCOHOL & DRUG USE	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.72	Alcohol-Impaired Driving Deaths	<i>percent of driving deaths with alcohol involvement</i>	50	28.3	32.2	27	2015-2019	9
2.33	Consumer Expenditures: Alcoholic Beverages	<i>average dollar amount per consumer unit</i>	724.3		651.5	701.9	2021	7
2.17	Adults who Drink Excessively	<i>percent</i>	20.8		18.5	19	2018	9
2.14	Death Rate due to Drug Poisoning	<i>deaths/ 100,000 population</i>	36.9		38.1	21	2017-2019	9
1.75	Age-Adjusted Drug and Opioid-Involved Overdose Death Rate	<i>Deaths per 100,000 population</i>	40.8		42	22.8	2017-2019	5
1.42	Adults who Binge Drink	<i>percent</i>	16.4			16.7	2019	4
1.31	Liquor Store Density	<i>stores/ 100,000 population</i>	6.5		5.6	10.5	2019	22
1.25	Health Behaviors Ranking	<i>ranking</i>	12				2021	9
1.19	Mothers who Smoked During Pregnancy	<i>percent</i>	9.6	4.3	11.5	5.5	2020	17
SCORE	CANCER	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.64	Cancer: Medicare Population	<i>percent</i>	9.2		8.4	8.4	2018	6
2.31	Breast Cancer Incidence Rate	<i>cases/ 100,000 females</i>	139.4		129.6	126.8	2014-2018	12
2.00	Cervical Cancer Incidence Rate	<i>cases/ 100,000 females</i>	8.1		7.9	7.7	2014-2018	12

1.92	Adults with Cancer	<i>percent</i>	8.5			7.1	<i>2019</i>	4
1.92	Oral Cavity and Pharynx Cancer Incidence Rate	<i>cases/ 100,000 population</i>	12.6		12.2	11.9	<i>2014-2018</i>	12
1.83	All Cancer Incidence Rate	<i>cases/ 100,000 population</i>	481.2		467.5	448.6	<i>2014-2018</i>	12
1.50	Colon Cancer Screening	<i>percent</i>	64.2	74.4		66.4	<i>2018</i>	4
1.44	Age-Adjusted Death Rate due to Breast Cancer	<i>deaths/ 100,000 females</i>	20.9	15.3	21.6	19.9	<i>2015-2019</i>	12
1.44	Age-Adjusted Death Rate due to Lung Cancer	<i>deaths/ 100,000 population</i>	43.9	25.1	45	36.7	<i>2015-2019</i>	12
1.44	Mammogram in Past 2 Years: 50-74	<i>percent</i>	73.3	77.1		74.8	<i>2018</i>	4
1.33	Age-Adjusted Death Rate due to Prostate Cancer	<i>deaths/ 100,000 males</i>	17.7	16.9	19.4	18.9	<i>2015-2019</i>	12
1.28	Age-Adjusted Death Rate due to Colorectal Cancer	<i>deaths/ 100,000 population</i>	14.7	8.9	14.8	13.4	<i>2015-2019</i>	12
1.25	Lung and Bronchus Cancer Incidence Rate	<i>cases/ 100,000 population</i>	66.3		67.3	57.3	<i>2014-2018</i>	12
1.19	Colorectal Cancer Incidence Rate	<i>cases/ 100,000 population</i>	40.6		41.3	38	<i>2014-2018</i>	12
1.11	Age-Adjusted Death Rate due to Cancer	<i>deaths/ 100,000 population</i>	163.6	122.7	169.4	152.4	<i>2015-2019</i>	12
0.89	Cervical Cancer Screening: 21-65	<i>Percent</i>	85.4	84.3		84.7	<i>2018</i>	4
0.86	Prostate Cancer Incidence Rate	<i>cases/ 100,000 males</i>	95.7		107.2	106.2	<i>2014-2018</i>	12

SCORE	CHILDREN'S HEALTH	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.00	Children with Low Access to a Grocery Store	<i>percent</i>	8				2015	23
1.83	Consumer Expenditures: Childcare	<i>average dollar amount per consumer unit</i>	315		301.6	368.2	2021	7
1.33	Children with Health Insurance	<i>percent</i>	95.7		95.2	94.3	2019	1
1.14	Blood Lead Levels in Children (>=5 micrograms per deciliter)	<i>percent</i>	0.8		1.9		2020	19
1.03	Blood Lead Levels in Children (>=10 micrograms per deciliter)	<i>percent</i>	0.2		0.5		2020	19
0.92	Substantiated Child Abuse Rate	<i>cases/ 1,000 children</i>	3.9	8.7	6.8		2020	3
0.75	Projected Child Food Insecurity Rate	<i>percent</i>	14.8		18.5		2021	10
0.67	Child Food Insecurity Rate	<i>percent</i>	13.4		17.4	14.6	2019	10
SCORE	COMMUNITY	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.72	Alcohol-Impaired Driving Deaths	<i>percent of driving deaths with alcohol involvement</i>	50	28.3	32.2	27	2015-2019	9
2.64	Workers who Walk to Work	<i>percent</i>	1.2		2.2	2.7	2015-2019	1

2.31	Social Associations	<i>membership associations/ 10,000 population</i>	8.7		11	9.3	<i>2018</i>	9
2.19	Workers who Drive Alone to Work	<i>percent</i>	86.6		82.9	76.3	<i>2015-2019</i>	1
1.67	Violent Crime Rate	<i>crimes/ 100,000 population</i>	234.5		303.5	394	<i>2017</i>	18
1.50	Age-Adjusted Death Rate due to Motor Vehicle Collisions	<i>deaths/ 100,000 population</i>	2.6		2.8	2.5	<i>2015-2019</i>	5
1.44	Workers Commuting by Public Transportation	<i>percent</i>	1	5.3	1.6	5	<i>2015-2019</i>	1
1.36	Linguistic Isolation	<i>percent</i>	1.4		1.4	4.4	<i>2015-2019</i>	1
1.36	Solo Drivers with a Long Commute	<i>percent</i>	32.3		31.1	37	<i>2015-2019</i>	9
1.33	Consumer Expenditures: Local Public Transportation	<i>average dollar amount per consumer unit</i>	120.9		121.7	148.8	<i>2021</i>	7
1.33	Single-Parent Households	<i>percent</i>	24		27.1	25.5	<i>2015-2019</i>	1
1.25	Social and Economic Factors Ranking	<i>ranking</i>	21				<i>2021</i>	9
1.19	People 25+ with a Bachelor's Degree or Higher	<i>percent</i>	27.4		28.3	32.1	<i>2015-2019</i>	1
1.17	Households with Wireless Phone Service	<i>percent</i>	96.7		96.8	97	<i>2020</i>	8
1.14	Mean Travel Time to Work	<i>minutes</i>	23.5		23.7	26.9	<i>2015-2019</i>	1

1.03	Voter Turnout: Presidential Election	<i>percent</i>	80.3		74		<i>2020</i>	20
1.00	Adults with Internet Access	<i>percent</i>	95		94.5	95	<i>2021</i>	8
1.00	Households with a Smartphone	<i>percent</i>	80.6		80.5	81.9	<i>2021</i>	8
1.00	Households with No Car and Low Access to a Grocery Store	<i>percent</i>	1.6				<i>2015</i>	23
0.97	Youth not in School or Working	<i>percent</i>	1.4		1.8	1.9	<i>2015-2019</i>	1
0.92	People 65+ Living Alone	<i>percent</i>	26.2		28.8	26.1	<i>2015-2019</i>	1
0.92	Substantiated Child Abuse Rate	<i>cases/ 1,000 children</i>	3.9	8.7	6.8		<i>2020</i>	3
0.83	Households with a Computer	<i>percent</i>	86.6		85.2	86.3	<i>2021</i>	8
0.83	Households with an Internet Subscription	<i>percent</i>	86.5		82.4	83	<i>2015-2019</i>	1
0.83	Households with One or More Types of Computing Devices	<i>percent</i>	90.9		89.1	90.3	<i>2015-2019</i>	1
0.83	Persons with an Internet Subscription	<i>percent</i>	90.2		86.2	86.2	<i>2015-2019</i>	1
0.64	Children Living Below Poverty Level	<i>percent</i>	11.6		19.9	18.5	<i>2015-2019</i>	1
0.64	Young Children Living Below Poverty Level	<i>percent</i>	12.1		23	20.3	<i>2015-2019</i>	1
0.42	Per Capita Income	<i>dollars</i>	34409		31552	34103	<i>2015-2019</i>	1
0.39	People Living Below Poverty Level	<i>percent</i>	8.1	8	14	13.4	<i>2015-2019</i>	1

0.36	Homeownership	<i>percent</i>	69.5		59.4	56.2	<i>2015-2019</i>	1
0.25	Households without a Vehicle	<i>percent</i>	4.6		7.9	8.6	<i>2015-2019</i>	1
0.25	Median Household Income	<i>dollars</i>	64466		56602	62843	<i>2015-2019</i>	1
SCORE	DIABETES	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.47	Adults 20+ with Diabetes	<i>percent</i>	8.6				<i>2019</i>	5
1.14	Diabetes: Medicare Population	<i>percent</i>	25.6		27.2	27	<i>2018</i>	6
0.50	Age-Adjusted Death Rate due to Diabetes	<i>deaths/ 100,000 population</i>	17.3		25.3	21.5	<i>2017-2019</i>	5
SCORE	ECONOMY	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.00	Consumer Expenditures: Homeowner Expenses	<i>average dollar amount per consumer unit</i>	8502.5		7828	8900.1	<i>2021</i>	7
1.69	SNAP Certified Stores	<i>stores/ 1,000 population</i>	0.7				<i>2017</i>	23
1.67	Low-Income and Low Access to a Grocery Store	<i>percent</i>	7.6				<i>2015</i>	23
1.64	Size of Labor Force	<i>persons</i>	119998				<i>44440</i>	21
1.50	WIC Certified Stores	<i>stores/ 1,000 population</i>	0.1				<i>2016</i>	23
1.33	Households that are Asset Limited, Income Constrained, Employed (ALICE)	<i>percent</i>	23.6		24.5		<i>2018</i>	25

1.28	Mortgaged Owners Spending 30% or More of Household Income on Housing	<i>percent</i>	22.9		19.7	26.5	<i>2019</i>	1
1.25	Social and Economic Factors Ranking	<i>ranking</i>	21				<i>2021</i>	9
1.17	Students Eligible for the Free Lunch Program	<i>percent</i>	20.4				<i>2019-2020</i>	13
1.14	Overcrowded Households	<i>percent of households</i>	1		1.4		<i>2015-2019</i>	1
1.00	Households that are Above the Asset Limited, Income Constrained, Employed (ALICE) Threshold	<i>percent</i>	69.2		61.6		<i>2018</i>	25
1.00	Households that are Below the Federal Poverty Level	<i>percent</i>	7.2		13.8		<i>2018</i>	25
0.97	Youth not in School or Working	<i>percent</i>	1.4		1.8	1.9	<i>2015-2019</i>	1
0.92	Projected Food Insecurity Rate	<i>percent</i>	11.8		14.1		<i>2021</i>	10
0.83	Adults who Feel Overwhelmed by Financial Burdens	<i>percent</i>	13.9		14.6	14.4	<i>2021</i>	8
0.83	Food Insecurity Rate	<i>percent</i>	10.8		13.2	10.9	<i>2019</i>	10
0.83	Households with a Savings Account	<i>percent</i>	71.3		68.8	70.2	<i>2021</i>	8
0.75	Projected Child Food Insecurity Rate	<i>percent</i>	14.8		18.5		<i>2021</i>	10

0.69	Renters Spending 30% or More of Household Income on Rent	<i>percent</i>	40.4		44.9	49.6	<i>2015-2019</i>	1
0.67	Child Food Insecurity Rate	<i>percent</i>	13.4		17.4	14.6	<i>2019</i>	10
0.67	Income Inequality		0.4		0.5	0.5	<i>2015-2019</i>	1
0.64	Children Living Below Poverty Level	<i>percent</i>	11.6		19.9	18.5	<i>2015-2019</i>	1
0.64	Young Children Living Below Poverty Level	<i>percent</i>	12.1		23	20.3	<i>2015-2019</i>	1
0.50	Consumer Expenditures: Home Rental Expenses	<i>average dollar amount per consumer unit</i>	3322.9		3798.7	5460.2	<i>2021</i>	7
0.42	Per Capita Income	<i>dollars</i>	34409		31552	34103	<i>2015-2019</i>	1
0.42	Severe Housing Problems	<i>percent</i>	11.2		13.7	18	<i>2013-2017</i>	9
0.39	People Living Below Poverty Level	<i>percent</i>	8.1	8	14	13.4	<i>2015-2019</i>	1
0.36	Homeownership	<i>percent</i>	69.5		59.4	56.2	<i>2015-2019</i>	1
0.36	People 65+ Living Below Poverty Level	<i>percent</i>	6.2		8.1	9.3	<i>2015-2019</i>	1
0.36	Persons with Disability Living in Poverty (5-year)	<i>percent</i>	20.4		29.5	26.1	<i>2015-2019</i>	1
0.25	Households with Cash Public Assistance Income	<i>percent</i>	1.7		2.9	2.4	<i>2015-2019</i>	1
0.25	Median Household Income	<i>dollars</i>	64466		56602	62843	<i>2015-2019</i>	1

0.25	Unemployed Workers in Civilian Labor Force	<i>percent</i>	3.4		4.3	4.6	<i>Sep-21</i>	21
0.08	Families Living Below Poverty Level	<i>percent</i>	5		9.9	9.5	<i>2015-2019</i>	1
0.08	People Living 200% Above Poverty Level	<i>percent</i>	77.7		68.8	69.1	<i>2015-2019</i>	1
SCORE	EDUCATION	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.14	8th Grade Students Proficient in Math	<i>percent</i>	26.8		57.3		<i>2018-2019</i>	15
2.00	8th Grade Students Proficient in English/Language Arts	<i>percent</i>	21.7		58.3		<i>2018-2019</i>	15
1.86	Student-to-Teacher Ratio	<i>students/ teacher</i>	18.5				<i>2019-2020</i>	13
1.83	Consumer Expenditures: Childcare	<i>average dollar amount per consumer unit</i>	315		301.6	368.2	<i>2021</i>	7
1.83	Consumer Expenditures: Education	<i>average dollar amount per consumer unit</i>	1212.2		1200.4	1492.4	<i>2021</i>	7
1.36	4th Grade Students Proficient in Math	<i>percent</i>	75		74.3		<i>2018-2019</i>	15
1.19	People 25+ with a Bachelor's Degree or Higher	<i>percent</i>	27.4		28.3	32.1	<i>2015-2019</i>	1
1.17	High School Graduation	<i>percent</i>	93.7	90.7	92		<i>2019-2020</i>	15

0.58	4th Grade Students Proficient in English/Language Arts	<i>percent</i>	81.3		63.3		<i>2018-2019</i>	15
SCORE	ENVIRONMENTAL HEALTH	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.00	Children with Low Access to a Grocery Store	<i>percent</i>	8				<i>2015</i>	23
2.00	People 65+ with Low Access to a Grocery Store	<i>percent</i>	4.9				<i>2015</i>	23
1.83	Fast Food Restaurant Density	<i>restaurants/ 1,000 population</i>	0.8				<i>2016</i>	23
1.75	Annual Ozone Air Quality		F				<i>2017-2019</i>	2
1.69	SNAP Certified Stores	<i>stores/ 1,000 population</i>	0.7				<i>2017</i>	23
1.67	Low-Income and Low Access to a Grocery Store	<i>percent</i>	7.6				<i>2015</i>	23
1.58	Adults with Current Asthma	<i>percent</i>	9.8			8.9	<i>2019</i>	4
1.50	WIC Certified Stores	<i>stores/ 1,000 population</i>	0.1				<i>2016</i>	23
1.36	Grocery Store Density	<i>stores/ 1,000 population</i>	0.2				<i>2016</i>	23
1.36	Number of Extreme Heat Days	<i>days</i>	13				<i>2019</i>	14
1.36	Number of Extreme Heat Events	<i>events</i>	6				<i>2019</i>	14
1.36	Number of Extreme Precipitation Days	<i>days</i>	34				<i>2019</i>	14

1.36	Recognized Carcinogens Released into Air	<i>pounds</i>	34566.1				<i>2020</i>	24
1.33	Farmers Market Density	<i>markets/ 1,000 population</i>	0				<i>2018</i>	23
1.31	Liquor Store Density	<i>stores/ 100,000 population</i>	6.5		5.6	10.5	<i>2019</i>	22
1.25	Annual Particle Pollution		A				<i>2017-2019</i>	2
1.25	Physical Environment Ranking	<i>ranking</i>	2				<i>2021</i>	9
1.17	Recreation and Fitness Facilities	<i>facilities/ 1,000 population</i>	0.1				<i>2016</i>	23
1.14	Blood Lead Levels in Children (>=5 micrograms per deciliter)	<i>percent</i>	0.8		1.9		<i>2020</i>	19
1.14	Food Environment Index	<i>index</i>	8		6.8	7.8	<i>2021</i>	9
1.14	Overcrowded Households	<i>percent of households</i>	1		1.4		<i>2015-2019</i>	1
1.03	Blood Lead Levels in Children (>=10 micrograms per deciliter)	<i>percent</i>	0.2		0.5		<i>2020</i>	19
1.00	Households with No Car and Low Access to a Grocery Store	<i>percent</i>	1.6				<i>2015</i>	23
0.92	Asthma: Medicare Population	<i>percent</i>	4.5		4.8	5	<i>2018</i>	6
0.83	Access to Exercise Opportunities	<i>percent</i>	90.9		83.9	84	<i>2020</i>	9
0.53	Houses Built Prior to 1950	<i>percent</i>	15		26.2	17.5	<i>2015-2019</i>	1

0.42	Severe Housing Problems	<i>percent</i>	11.2		13.7	18	<i>2013-2017</i>	9
SCORE	HEALTH CARE ACCESS & QUALITY	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.50	Consumer Expenditures: Health Insurance	<i>average dollar amount per consumer unit</i>	4910.2		4371.7	4321.1	<i>2021</i>	7
2.50	Consumer Expenditures: Medical Services	<i>average dollar amount per consumer unit</i>	1242.3		1098.6	1047.4	<i>2021</i>	7
2.50	Consumer Expenditures: Medical Supplies	<i>average dollar amount per consumer unit</i>	229.2		204.8	194.9	<i>2021</i>	7
2.50	Consumer Expenditures: Prescription and Non-Prescription Drugs	<i>average dollar amount per consumer unit</i>	716.9		638.9	609.6	<i>2021</i>	7
2.33	Primary Care Provider Rate	<i>providers/ 100,000 population</i>	43		76.7		<i>2018</i>	9
1.67	Persons without Health Insurance	<i>percent</i>	5.9		6.6		<i>2019</i>	1
1.42	Clinical Care Ranking	<i>ranking</i>	25				<i>2021</i>	9
1.33	Children with Health Insurance	<i>percent</i>	95.7		95.2	94.3	<i>2019</i>	1
1.33	Non-Physician Primary Care Provider Rate	<i>providers/ 100,000 population</i>	69.1		108.9		<i>2020</i>	9
1.25	Adults who have had a Routine Checkup	<i>percent</i>	78.3			76.6	<i>2019</i>	4
1.17	Mental Health Provider Rate	<i>providers/ 100,000 population</i>	216		261.3		<i>2020</i>	9

0.92	Dentist Rate	<i>dentists/ 100,000 population</i>	68.7		64.2		<i>2019</i>	9
0.83	Adults who Visited a Dentist	<i>percent</i>	53.9		51.6	52.9	<i>2021</i>	8
0.83	Adults with Health Insurance: 18+	<i>percent</i>	91.4		90.2	90.6	<i>2021</i>	8
0.75	Adults without Health Insurance	<i>percent</i>	11.2			13	<i>2019</i>	4
SCORE	HEART DISEASE & STROKE	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.64	Atrial Fibrillation: Medicare Population	<i>percent</i>	10		9	8.4	<i>2018</i>	6
2.31	Hyperlipidemia: Medicare Population	<i>percent</i>	52.4		49.4	47.7	<i>2018</i>	6
1.81	Ischemic Heart Disease: Medicare Population	<i>percent</i>	28.5		27.5	26.8	<i>2018</i>	6
1.69	Stroke: Medicare Population	<i>percent</i>	4		3.8	3.8	<i>2018</i>	6
1.58	High Cholesterol Prevalence: Adults 18+	<i>percent</i>	33.7			33.6	<i>2019</i>	4
1.50	Age-Adjusted Death Rate due to Coronary Heart Disease	<i>deaths/ 100,000 population</i>	107.6	71.1	101.4	90.5	<i>2017-2019</i>	5
1.42	Adults who Experienced Coronary Heart Disease	<i>percent</i>	7.2			6.2	<i>2019</i>	4
1.33	High Blood Pressure Prevalence	<i>percent</i>	34.1	27.7		32.6	<i>2019</i>	4

1.31	Heart Failure: Medicare Population	<i>percent</i>	13.8		14.7	14	<i>2018</i>	6
1.31	Hypertension: Medicare Population	<i>percent</i>	57.9		59.5	57.2	<i>2018</i>	6
1.25	Adults who Experienced a Stroke	<i>percent</i>	3.6			3.4	<i>2019</i>	4
1.25	Adults who Have Taken Medications for High Blood Pressure	<i>percent</i>	78.4			76.2	<i>2019</i>	4
1.25	Cholesterol Test History	<i>percent</i>	86.3			87.6	<i>2019</i>	4
0.86	Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)	<i>deaths/ 100,000 population</i>	35.9	33.4	42.5	37.2	<i>2017-2019</i>	5
0.86	Age-Adjusted Death Rate due to Heart Attack	<i>deaths/ 100,000 population 35+ years</i>	42.4		55.4		<i>2019</i>	14
SCORE	IMMUNIZATIONS & INFECTIOUS DISEASES	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.53	COVID-19 Daily Average Case- Fatality Rate	<i>deaths per 100 cases</i>	0.2		0	0.5	<i>28-Jan-22</i>	11
1.50	Gonorrhea Incidence Rate	<i>cases/ 100,000 population</i>	83.9		224	187.8	<i>2019</i>	16
1.25	Tuberculosis Incidence Rate	<i>cases/ 100,000 population</i>	0.4	1.4	1.1		<i>2020</i>	16
1.22	Chlamydia Incidence Rate	<i>cases/ 100,000 population</i>	307.7		561.9	551	<i>2019</i>	16

1.14	Overcrowded Households	<i>percent of households</i>	1		1.4		<i>2015-2019</i>	1
1.06	Salmonella Infection Incidence Rate	<i>cases/ 100,000 population</i>	11.3	11.1	12.9		<i>2018</i>	16
1.03	Age-Adjusted Death Rate due to Influenza and Pneumonia	<i>deaths/ 100,000 population</i>	13		14.4	13.8	<i>2017-2019</i>	5
0.83	Adults who Agree Vaccine Benefits Outweigh Possible Risks	<i>Percent</i>	50		48.6	49.4	<i>2021</i>	8
0.58	Persons Fully Vaccinated Against COVID-19	<i>percent</i>	63.8				<i>28-Jan-22</i>	5
0.08	COVID-19 Daily Average Incidence Rate	<i>cases per 100,000 population</i>	30.1		128.4	177.3	<i>28-Jan-22</i>	11
SCORE	MATERNAL, FETAL & INFANT HEALTH	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.83	Consumer Expenditures: Childcare	<i>average dollar amount per consumer unit</i>	315		301.6	368.2	<i>2021</i>	7
1.28	Mothers who Received Early Prenatal Care	<i>percent</i>	70.3		68.9	76.1	<i>2020</i>	17
1.19	Mothers who Smoked During Pregnancy	<i>percent</i>	9.6	4.3	11.5	5.5	<i>2020</i>	17
1.03	Teen Pregnancy Rate	<i>pregnancies/ 1,000 females aged 15-17</i>	16.9		19.5		<i>2016</i>	17
0.97	Preterm Births	<i>percent</i>	8.5	9.4	10.3		<i>2020</i>	17
0.86	Teen Birth Rate: 15-17	<i>live births/ 1,000 females aged 15-17</i>	1.4		6.8		<i>2020</i>	17

0.78	Babies with Low Birth Weight	<i>percent</i>	6.8		8.5	8.2	<i>2020</i>	17
0.78	Babies with Very Low Birth Weight	<i>percent</i>	1.1		1.4	1.3	<i>2020</i>	17
0.78	Infant Mortality Rate	<i>deaths/ 1,000 live births</i>	1.8	5	6.9		<i>2019</i>	17
SCORE	MEDICATIONS & PRESCRIPTIONS	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.50	Consumer Expenditures: Medical Services	<i>average dollar amount per consumer unit</i>	1242.3		1098.6	1047.4	<i>2021</i>	7
2.50	Consumer Expenditures: Medical Supplies	<i>average dollar amount per consumer unit</i>	229.2		204.8	194.9	<i>2021</i>	7
2.50	Consumer Expenditures: Prescription and Non-Prescription Drugs	<i>average dollar amount per consumer unit</i>	716.9		638.9	609.6	<i>2021</i>	7
SCORE	MENTAL HEALTH & MENTAL DISORDERS	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.64	Depression: Medicare Population	<i>percent</i>	19.2		20.4	18.4	<i>2018</i>	6
1.56	Age-Adjusted Death Rate due to Suicide	<i>deaths/ 100,000 population</i>	14.4	12.8	15.1	14.1	<i>2017-2019</i>	5
1.42	Poor Mental Health: 14+ Days	<i>percent</i>	15			13.6	<i>2019</i>	4
1.25	Adults Ever Diagnosed with Depression	<i>percent</i>	20.6			18.8	<i>2019</i>	4

1.17	Mental Health Provider Rate	<i>providers/ 100,000 population</i>	216		261.3		2020	9
1.17	Poor Mental Health: Average Number of Days	<i>days</i>	4.5		4.8	4.1	2018	9
1.03	Alzheimer's Disease or Dementia: Medicare Population	<i>percent</i>	9.9		10.4	10.8	2018	6
0.83	Self-Reported General Health Assessment: Good or Better	<i>percent</i>	86.8		85.6	86.5	2021	8
0.36	Age-Adjusted Death Rate due to Alzheimer's Disease	<i>deaths/ 100,000 population</i>	25.9		34	30.5	2017-2019	5
SCORE	NUTRITION & HEALTHY EATING	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.17	Consumer Expenditures: High Sugar Foods	<i>average dollar amount per consumer unit</i>	554.5		519	530.2	2021	7
2.00	Consumer Expenditures: Fast Food Restaurants	<i>average dollar amount per consumer unit</i>	1589.1		1461	1638.9	2021	7
1.83	Consumer Expenditures: High Sugar Beverages	<i>average dollar amount per consumer unit</i>	329.7		319.7	357	2021	7
1.00	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	<i>Percent</i>	40.6		41.5	41.2	2021	8

1.00	Consumer Expenditures: Fruits and Vegetables	<i>average dollar amount per consumer unit</i>	919.9		864.6	1002.1	2021	7
0.83	Adult Sugar-Sweetened Beverage Consumption: Past 7 Days	<i>percent</i>	80.2		80.9	80.4	2021	8
SCORE	OLDER ADULTS	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.92	Age-Adjusted Death Rate due to Falls	<i>deaths/ 100,000 population</i>	17.3		10.5	9.5	2017-2019	5
2.92	Osteoporosis: Medicare Population	<i>percent</i>	8.2		6.2	6.6	2018	6
2.64	Atrial Fibrillation: Medicare Population	<i>percent</i>	10		9	8.4	2018	6
2.64	Cancer: Medicare Population	<i>percent</i>	9.2		8.4	8.4	2018	6
2.47	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	<i>percent</i>	37.4		36.1	33.5	2018	6
2.31	Hyperlipidemia: Medicare Population	<i>percent</i>	52.4		49.4	47.7	2018	6
2.00	People 65+ with Low Access to a Grocery Store	<i>percent</i>	4.9				2015	23
1.81	Ischemic Heart Disease: Medicare Population	<i>percent</i>	28.5		27.5	26.8	2018	6
1.75	Adults with Arthritis	<i>percent</i>	30.2			25.1	2019	4
1.69	Stroke: Medicare Population	<i>percent</i>	4		3.8	3.8	2018	6

1.64	Depression: Medicare Population	<i>percent</i>	19.2		20.4	18.4	<i>2018</i>	6
1.50	Colon Cancer Screening	<i>percent</i>	64.2	74.4		66.4	<i>2018</i>	4
1.50	Consumer Expenditures: Eldercare	<i>average dollar amount per consumer unit</i>	22.3		20.5	34.3	<i>2021</i>	7
1.50	COPD: Medicare Population	<i>percent</i>	12.4		13.2	11.5	<i>2018</i>	6
1.42	Chronic Kidney Disease: Medicare Population	<i>percent</i>	22.8		25.3	24.5	<i>2018</i>	6
1.31	Heart Failure: Medicare Population	<i>percent</i>	13.8		14.7	14	<i>2018</i>	6
1.31	Hypertension: Medicare Population	<i>percent</i>	57.9		59.5	57.2	<i>2018</i>	6
1.14	Diabetes: Medicare Population	<i>percent</i>	25.6		27.2	27	<i>2018</i>	6
1.08	Adults 65+ who Received Recommended Preventive Services: Females	<i>percent</i>	32.9			28.4	<i>2018</i>	4
1.03	Alzheimer's Disease or Dementia: Medicare Population	<i>percent</i>	9.9		10.4	10.8	<i>2018</i>	6
0.92	Adults 65+ who Received Recommended Preventive Services: Males	<i>percent</i>	34.4			32.4	<i>2018</i>	4
0.92	Adults 65+ with Total Tooth Loss	<i>percent</i>	13.2			13.5	<i>2018</i>	4

0.92	Asthma: Medicare Population	<i>percent</i>	4.5		4.8	5	2018	6
0.92	People 65+ Living Alone	<i>percent</i>	26.2		28.8	26.1	2015-2019	1
0.36	Age-Adjusted Death Rate due to Alzheimer's Disease	<i>deaths/ 100,000 population</i>	25.9		34	30.5	2017-2019	5
0.36	People 65+ Living Below Poverty Level	<i>percent</i>	6.2		8.1	9.3	2015-2019	1
SCORE	ORAL HEALTH	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.92	Oral Cavity and Pharynx Cancer Incidence Rate	<i>cases/ 100,000 population</i>	12.6		12.2	11.9	2014-2018	12
0.92	Adults 65+ with Total Tooth Loss	<i>percent</i>	13.2			13.5	2018	4
0.92	Dentist Rate	<i>dentists/ 100,000 population</i>	68.7		64.2		2019	9
0.83	Adults who Visited a Dentist	<i>percent</i>	53.9		51.6	52.9	2021	8
SCORE	OTHER CONDITIONS	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.92	Osteoporosis: Medicare Population	<i>percent</i>	8.2		6.2	6.6	2018	6
2.47	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	<i>percent</i>	37.4		36.1	33.5	2018	6
1.75	Adults with Arthritis	<i>percent</i>	30.2			25.1	2019	4

1.42	Chronic Kidney Disease: Medicare Population	<i>percent</i>	22.8		25.3	24.5	<i>2018</i>	6
0.92	Adults with Kidney Disease	<i>Percent of adults</i>	3.1			3.1	<i>2019</i>	4
0.64	Age-Adjusted Death Rate due to Kidney Disease	<i>deaths/ 100,000 population</i>	10.2		14.5	12.9	<i>2017-2019</i>	5
SCORE	PHYSICAL ACTIVITY	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.64	Workers who Walk to Work	<i>percent</i>	1.2		2.2	2.7	<i>2015-2019</i>	1
2.00	Children with Low Access to a Grocery Store	<i>percent</i>	8				<i>2015</i>	23
2.00	People 65+ with Low Access to a Grocery Store	<i>percent</i>	4.9				<i>2015</i>	23
1.83	Fast Food Restaurant Density	<i>restaurants/ 1,000 population</i>	0.8				<i>2016</i>	23
1.69	SNAP Certified Stores	<i>stores/ 1,000 population</i>	0.7				<i>2017</i>	23
1.67	Adults 20+ who are Obese	<i>percent</i>	30	36			<i>2019</i>	5
1.67	Low-Income and Low Access to a Grocery Store	<i>percent</i>	7.6				<i>2015</i>	23
1.50	WIC Certified Stores	<i>stores/ 1,000 population</i>	0.1				<i>2016</i>	23
1.36	Grocery Store Density	<i>stores/ 1,000 population</i>	0.2				<i>2016</i>	23
1.33	Farmers Market Density	<i>markets/ 1,000 population</i>	0				<i>2018</i>	23

1.25	Health Behaviors Ranking	<i>ranking</i>	12				2021	9
1.17	Recreation and Fitness Facilities	<i>facilities/ 1,000 population</i>	0.1				2016	23
1.14	Food Environment Index	<i>index</i>	8		6.8	7.8	2021	9
1.03	Adults 20+ who are Sedentary	<i>percent</i>	20.4				2019	5
1.00	Households with No Car and Low Access to a Grocery Store	<i>percent</i>	1.6				2015	23
0.83	Access to Exercise Opportunities	<i>percent</i>	90.9		83.9	84	2020	9
0.83	Adult Sugar-Sweetened Beverage Consumption: Past 7 Days	<i>percent</i>	80.2		80.9	80.4	2021	8
SCORE	PREVENTION & SAFETY	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.92	Age-Adjusted Death Rate due to Falls	<i>deaths/ 100,000 population</i>	17.3		10.5	9.5	2017-2019	5
2.39	Age-Adjusted Death Rate due to Unintentional Injuries	<i>deaths/ 100,000 population</i>	71.4	43.2	68.8	48.9	2017-2019	5
2.14	Age-Adjusted Death Rate due to Unintentional Poisonings	<i>deaths/ 100,000 population</i>	40.2		40.2	21.4	2017-2019	5
2.14	Death Rate due to Drug Poisoning	<i>deaths/ 100,000 population</i>	36.9		38.1	21	2017-2019	9

1.50	Age-Adjusted Death Rate due to Motor Vehicle Collisions	<i>deaths/ 100,000 population</i>	2.6		2.8	2.5	2015-2019	5
0.42	Severe Housing Problems	<i>percent</i>	11.2		13.7	18	2013-2017	9
SCORE	RESPIRATORY DISEASES	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.58	Adults with COPD	<i>Percent of adults</i>	8.7			6.6	2019	4
1.58	Adults with Current Asthma	<i>percent</i>	9.8			8.9	2019	4
1.53	COVID-19 Daily Average Case-Fatality Rate	<i>deaths per 100 cases</i>	0.2		0	0.5	28-Jan-22	11
1.50	COPD: Medicare Population	<i>percent</i>	12.4		13.2	11.5	2018	6
1.44	Age-Adjusted Death Rate due to Lung Cancer	<i>deaths/ 100,000 population</i>	43.9	25.1	45	36.7	2015-2019	12
1.42	Adults who Smoke	<i>percent</i>	21.1	5	21.4	17	2018	9
1.33	Consumer Expenditures: Tobacco and Legal Marijuana	<i>average dollar amount per consumer unit</i>	462.7		487.9	422.4	2021	7
1.25	Lung and Bronchus Cancer Incidence Rate	<i>cases/ 100,000 population</i>	66.3		67.3	57.3	2014-2018	12
1.25	Tuberculosis Incidence Rate	<i>cases/ 100,000 population</i>	0.4	1.4	1.1		2020	16
1.03	Age-Adjusted Death Rate due to Influenza and Pneumonia	<i>deaths/ 100,000 population</i>	13		14.4	13.8	2017-2019	5
0.92	Asthma: Medicare Population	<i>percent</i>	4.5		4.8	5	2018	6

0.83	Adults Who Used Electronic Cigarettes: Past 30 Days	<i>percent</i>	3.9		4.3	4.1	<i>2021</i>	8
0.67	Adults Who Used Smokeless Tobacco: Past 30 Days	<i>percent</i>	1.9		2.2	2	<i>2021</i>	8
0.53	Age-Adjusted Death Rate due to Chronic Lower Respiratory Diseases	<i>deaths/ 100,000 population</i>	39.6		47.8	39.6	<i>2017-2019</i>	5
0.08	COVID-19 Daily Average Incidence Rate	<i>cases per 100,000 population</i>	30.1		128.4	177.3	<i>28-Jan-22</i>	11
SCORE	TOBACCO USE	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.42	Adults who Smoke	<i>percent</i>	21.1	5	21.4	17	<i>2018</i>	9
1.33	Consumer Expenditures: Tobacco and Legal Marijuana	<i>average dollar amount per consumer unit</i>	462.7		487.9	422.4	<i>2021</i>	7
0.83	Adults Who Used Electronic Cigarettes: Past 30 Days	<i>percent</i>	3.9		4.3	4.1	<i>2021</i>	8
0.67	Adults Who Used Smokeless Tobacco: Past 30 Days	<i>percent</i>	1.9		2.2	2	<i>2021</i>	8
SCORE	WELLNESS & LIFESTYLE	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source

2.00	Consumer Expenditures: Fast Food Restaurants	<i>average dollar amount per consumer unit</i>	1589.1		1461	1638.9	<i>2021</i>	7
1.42	Insufficient Sleep	<i>percent</i>	38.4	31.4	40.6	35	<i>2018</i>	9
1.33	High Blood Pressure Prevalence	<i>percent</i>	34.1	27.7		32.6	<i>2019</i>	4
1.25	Morbidity Ranking		9				<i>2021</i>	9
1.25	Poor Physical Health: 14+ Days	<i>percent</i>	13.3			12.5	<i>2019</i>	4
1.17	Life Expectancy	<i>years</i>	78.5		77	79.2	<i>2017-2019</i>	9
1.08	Self-Reported General Health Assessment: Poor or Fair	<i>percent</i>	18.3			18.6	<i>2019</i>	4
1.00	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	<i>Percent</i>	40.6		41.5	41.2	<i>2021</i>	8
1.00	Poor Physical Health: Average Number of Days	<i>days</i>	3.8		4.1	3.7	<i>2018</i>	9
0.83	Adult Sugar-Sweetened Beverage Consumption: Past 7 Days	<i>percent</i>	80.2		80.9	80.4	<i>2021</i>	8
0.83	Adults who Agree Vaccine Benefits Outweigh Possible Risks	<i>Percent</i>	50		48.6	49.4	<i>2021</i>	8
0.83	Self-Reported General Health Assessment: Good or Better	<i>percent</i>	86.8		85.6	86.5	<i>2021</i>	8

SCORE	WOMEN'S HEALTH	UNITS	LAKE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.31	Breast Cancer Incidence Rate	<i>cases/ 100,000 females</i>	139.4		129.6	126.8	<i>2014-2018</i>	12
2.00	Cervical Cancer Incidence Rate	<i>cases/ 100,000 females</i>	8.1		7.9	7.7	<i>2014-2018</i>	12
1.44	Age-Adjusted Death Rate due to Breast Cancer	<i>deaths/ 100,000 females</i>	20.9	15.3	21.6	19.9	<i>2015-2019</i>	12
1.44	Mammogram in Past 2 Years: 50-74	<i>percent</i>	73.3	77.1		74.8	<i>2018</i>	4
0.89	Cervical Cancer Screening: 21-65	<i>Percent</i>	85.4	84.3		84.7	<i>2018</i>	4

Lake County Data Sources

Key	Data Source Name
1	American Community Survey
2	American Lung Association
3	Annie E. Casey Foundation
4	CDC - PLACES
5	Centers for Disease Control and Prevention
6	Centers for Medicare & Medicaid Services
7	Claritas Consumer Buying Power
8	Claritas Consumer Profiles
9	County Health Rankings
10	Feeding America
11	Healthy Communities Institute
12	National Cancer Institute
13	National Center for Education Statistics
14	National Environmental Public Health Tracking Network
15	Ohio Department of Education
16	Ohio Department of Health, Infectious Diseases
17	Ohio Department of Health, Vital Statistics
18	Ohio Department of Public Safety, Office of Criminal Justice Services
19	Ohio Public Health Information Warehouse
20	Ohio Secretary of State
21	U.S. Bureau of Labor Statistics
22	U.S. Census - County Business Patterns
23	U.S. Department of Agriculture - Food Environment Atlas
24	U.S. Environmental Protection Agency
25	United For ALICE

SCORE	ALCOHOL & DRUG USE	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.92	Adults who Binge Drink	<i>percent</i>	18.2			16.7	2019	4
1.86	Mothers who Smoked During Pregnancy	<i>percent</i>	13.4	4.3	11.5	5.5	2020	17
1.83	Adults who Drink Excessively	<i>percent</i>	19.2		18.5	19	2018	9
1.83	Consumer Expenditures: Alcoholic Beverages	<i>average dollar amount per consumer unit</i>	653.2		651.5	701.9	2021	7
1.67	Alcohol-Impaired Driving Deaths	<i>percent of driving deaths with alcohol involvement</i>	29.2	28.3	32.2	27	2015-2019	9
1.25	Age-Adjusted Drug and Opioid-Involved Overdose Death Rate	<i>Deaths per 100,000 population</i>	26.4		42	22.8	2017-2019	5
1.25	Health Behaviors Ranking	<i>ranking</i>	7				2021	9
1.03	Death Rate due to Drug Poisoning	<i>deaths/ 100,000 population</i>	21.7		38.1	21	2017-2019	9
0.97	Liquor Store Density	<i>stores/ 100,000 population</i>	5.5		5.6	10.5	2019	22
SCORE	CANCER	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.72	Age-Adjusted Death Rate due to Colorectal Cancer	<i>deaths/ 100,000 population</i>	18.4	8.9	14.8	13.4	2015-2019	12
2.42	Colorectal Cancer Incidence Rate	<i>cases/ 100,000 population</i>	43.6		41.3	38	2014-2018	12
1.81	All Cancer Incidence Rate	<i>cases/ 100,000 population</i>	467.9		467.5	448.6	2014-2018	12
1.81	Breast Cancer Incidence Rate	<i>cases/ 100,000 females</i>	128.7		129.6	126.8	2014-2018	12
1.81	Oral Cavity and Pharynx Cancer Incidence Rate	<i>cases/ 100,000 population</i>	12.7		12.2	11.9	2014-2018	12
1.78	Age-Adjusted Death Rate due to Cancer	<i>deaths/ 100,000 population</i>	173	122.7	169.4	152.4	2015-2019	12
1.64	Cancer: Medicare Population	<i>percent</i>	8.3		8.4	8.4	2018	6

1.61	Cervical Cancer Screening: 21-65	<i>Percent</i>	83.7	84.3		84.7	<i>2018</i>	4
1.44	Age-Adjusted Death Rate due to Lung Cancer	<i>deaths/ 100,000 population</i>	44	25.1	45	36.7	<i>2015-2019</i>	12
1.36	Lung and Bronchus Cancer Incidence Rate	<i>cases/ 100,000 population</i>	64		67.3	57.3	<i>2014-2018</i>	12
1.33	Colon Cancer Screening	<i>percent</i>	65.4	74.4		66.4	<i>2018</i>	4
1.28	Age-Adjusted Death Rate due to Breast Cancer	<i>deaths/ 100,000 females</i>	20.4	15.3	21.6	19.9	<i>2015-2019</i>	12
1.25	Adults with Cancer	<i>percent</i>	7.4			7.1	<i>2019</i>	4
1.06	Cervical Cancer Incidence Rate	<i>cases/ 100,000 females</i>	6.8		7.9	7.7	<i>2014-2018</i>	12
0.94	Mammogram in Past 2 Years: 50-74	<i>percent</i>	75.6	77.1		74.8	<i>2018</i>	4
0.92	Prostate Cancer Incidence Rate	<i>cases/ 100,000 males</i>	98.2		107.2	106.2	<i>2014-2018</i>	12
0.61	Age-Adjusted Death Rate due to Prostate Cancer	<i>deaths/ 100,000 males</i>	16	16.9	19.4	18.9	<i>2015-2019</i>	12
SCORE	CHILDREN'S HEALTH	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.83	Children with Low Access to a Grocery Store	<i>percent</i>	6.2				<i>2015</i>	23
1.83	Consumer Expenditures: Childcare	<i>average dollar amount per consumer unit</i>	308.1		301.6	368.2	<i>2021</i>	7
1.33	Child Food Insecurity Rate	<i>percent</i>	15.7		17.4	14.6	<i>2019</i>	10
1.33	Children with Health Insurance	<i>percent</i>	96.9		95.2	94.3	<i>2019</i>	1
1.31	Blood Lead Levels in Children (>=10 micrograms per deciliter)	<i>percent</i>	0.3		0.5		<i>2020</i>	19

1.31	Blood Lead Levels in Children (>=5 micrograms per deciliter)	<i>percent</i>	1.2		1.9		2020	19
1.25	Projected Child Food Insecurity Rate	<i>percent</i>	16.7		18.5		2021	10
1.11	Substantiated Child Abuse Rate	<i>cases/ 1,000 children</i>	6.4	8.7	6.8		2020	3
SCORE	COMMUNITY	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.42	Solo Drivers with a Long Commute	<i>percent</i>	40		31.1	37	2015-2019	9
2.31	Social Associations	<i>membership associations/ 10,000 population</i>	8.7		11	9.3	2018	9
2.06	Workers Commuting by Public Transportation	<i>percent</i>	0.6	5.3	1.6	5	2015-2019	1
1.81	Mean Travel Time to Work	<i>minutes</i>	25.7		23.7	26.9	2015-2019	1
1.67	Alcohol-Impaired Driving Deaths	<i>percent of driving deaths with alcohol involvement</i>	29.2	28.3	32.2	27	2015-2019	9
1.64	Workers who Walk to Work	<i>percent</i>	2.4		2.2	2.7	2015-2019	1
1.53	Workers who Drive Alone to Work	<i>percent</i>	83.6		82.9	76.3	2015-2019	1
1.50	Households with an Internet Subscription	<i>percent</i>	81.6		82.4	83	2015-2019	1
1.42	Social and Economic Factors Ranking	<i>ranking</i>	29				2021	9
1.33	Consumer Expenditures: Local Public Transportation	<i>average dollar amount per consumer unit</i>	119.1		121.7	148.8	2021	7
1.33	Households with No Car and Low Access to a Grocery Store	<i>percent</i>	2.3				2015	23
1.25	Per Capita Income	<i>dollars</i>	30054		31552	34103	2015-2019	1

1.19	Voter Turnout: Presidential Election	<i>percent</i>	76.7		74		<i>2020</i>	20
1.19	Young Children Living Below Poverty Level	<i>percent</i>	21.4		23	20.3	<i>2015-2019</i>	1
1.17	Households with Wireless Phone Service	<i>percent</i>	96.7		96.8	97	<i>2020</i>	8
1.14	Households without a Vehicle	<i>percent</i>	6.3		7.9	8.6	<i>2015-2019</i>	1
1.11	Substantiated Child Abuse Rate	<i>cases/ 1,000 children</i>	6.4	8.7	6.8		<i>2020</i>	3
1.03	Homeownership	<i>percent</i>	62.2		59.4	56.2	<i>2015-2019</i>	1
1.00	Persons with an Internet Subscription	<i>percent</i>	86.4		86.2	86.2	<i>2015-2019</i>	1
0.97	People 65+ Living Alone	<i>percent</i>	25.5		28.8	26.1	<i>2015-2019</i>	1
0.92	Median Household Income	<i>dollars</i>	57618		56602	62843	<i>2015-2019</i>	1
0.86	Linguistic Isolation	<i>percent</i>	0.9		1.4	4.4	<i>2015-2019</i>	1
0.83	Adults with Internet Access	<i>percent</i>	95.3		94.5	95	<i>2021</i>	8
0.83	Households with a Computer	<i>percent</i>	86.9		85.2	86.3	<i>2021</i>	8
0.83	Households with a Smartphone	<i>percent</i>	82.1		80.5	81.9	<i>2021</i>	8
0.83	Households with One or More Types of Computing Devices	<i>percent</i>	90.8		89.1	90.3	<i>2015-2019</i>	1
0.83	People Living Below Poverty Level	<i>percent</i>	12.8	8	14	13.4	<i>2015-2019</i>	1
0.78	Violent Crime Rate	<i>crimes/ 100,000 population</i>	90.8		303.5	394	<i>2017</i>	18
0.69	Single-Parent Households	<i>percent</i>	21.8		27.1	25.5	<i>2015-2019</i>	1
0.58	People 25+ with a Bachelor's Degree or Higher	<i>percent</i>	29		28.3	32.1	<i>2015-2019</i>	1
0.42	Children Living Below Poverty Level	<i>percent</i>	15.9		19.9	18.5	<i>2015-2019</i>	1

0.08	Youth not in School or Working	<i>percent</i>	0.3		1.8	1.9	<i>2015-2019</i>	1
SCORE	DIABETES	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.36	Adults 20+ with Diabetes	<i>percent</i>	9				<i>2019</i>	5
1.03	Age-Adjusted Death Rate due to Diabetes	<i>deaths/ 100,000 population</i>	23.1		25.3	21.5	<i>2017-2019</i>	5
1.00	Diabetes: Medicare Population	<i>percent</i>	25.4		27.2	27	<i>2018</i>	6
SCORE	ECONOMY	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.47	Renters Spending 30% or More of Household Income on Rent	<i>percent</i>	53.2		44.9	49.6	<i>2015-2019</i>	1
1.83	SNAP Certified Stores	<i>stores/ 1,000 population</i>	0.6				<i>2017</i>	23
1.67	Households that are Asset Limited, Income Constrained, Employed (ALICE)	<i>percent</i>	26.6		24.5		<i>2018</i>	25
1.67	Low-Income and Low Access to a Grocery Store	<i>percent</i>	7.8				<i>2015</i>	23
1.64	Income Inequality		0.5		0.5	0.5	<i>2015-2019</i>	1
1.50	Food Insecurity Rate	<i>percent</i>	12.7		13.2	10.9	<i>2019</i>	10
1.50	WIC Certified Stores	<i>stores/ 1,000 population</i>	0.1				<i>2016</i>	23
1.42	Social and Economic Factors Ranking	<i>ranking</i>	29				<i>2021</i>	9
1.36	Size of Labor Force	<i>persons</i>	84476				<i>44440</i>	21
1.33	Child Food Insecurity Rate	<i>percent</i>	15.7		17.4	14.6	<i>2019</i>	10
1.33	Consumer Expenditures: Homeowner Expenses	<i>average dollar amount per consumer unit</i>	7482		7828	8900.1	<i>2021</i>	7

1.33	Households that are Above the Asset Limited, Income Constrained, Employed (ALICE) Threshold	<i>percent</i>	62.4		61.6		<i>2018</i>	25
1.25	Per Capita Income	<i>dollars</i>	30054		31552	34103	<i>2015-2019</i>	1
1.25	Projected Child Food Insecurity Rate	<i>percent</i>	16.7		18.5		<i>2021</i>	10
1.25	Projected Food Insecurity Rate	<i>percent</i>	13.5		14.1		<i>2021</i>	10
1.25	Severe Housing Problems	<i>percent</i>	14.4		13.7	18	<i>2013-2017</i>	9
1.19	Persons with Disability Living in Poverty (5-year)	<i>percent</i>	26.8		29.5	26.1	<i>2015-2019</i>	1
1.19	Young Children Living Below Poverty Level	<i>percent</i>	21.4		23	20.3	<i>2015-2019</i>	1
1.17	Adults who Feel Overwhelmed by Financial Burdens	<i>percent</i>	14.2		14.6	14.4	<i>2021</i>	8
1.17	Households that are Below the Federal Poverty Level	<i>percent</i>	11		13.8		<i>2018</i>	25
1.03	Homeownership	<i>percent</i>	62.2		59.4	56.2	<i>2015-2019</i>	1
0.92	Median Household Income	<i>dollars</i>	57618		56602	62843	<i>2015-2019</i>	1
0.86	Households with Cash Public Assistance Income	<i>percent</i>	2		2.9	2.4	<i>2015-2019</i>	1
0.86	Overcrowded Households	<i>percent of households</i>	0.8		1.4		<i>2015-2019</i>	1
0.83	Households with a Savings Account	<i>percent</i>	70.2		68.8	70.2	<i>2021</i>	8
0.83	People Living Below Poverty Level	<i>percent</i>	12.8	8	14	13.4	<i>2015-2019</i>	1
0.75	People Living 200% Above Poverty Level	<i>percent</i>	71		68.8	69.1	<i>2015-2019</i>	1
0.75	Students Eligible for the Free Lunch Program	<i>percent</i>	20.6				<i>2019-2020</i>	13

0.75	Unemployed Workers in Civilian Labor Force	<i>percent</i>	4		4.3	4.6	<i>Sep-21</i>	21
0.50	Consumer Expenditures: Home Rental Expenses	<i>average dollar amount per consumer unit</i>	3401.4		3798.7	5460.2	<i>2021</i>	7
0.50	People 65+ Living Below Poverty Level	<i>percent</i>	5.5		8.1	9.3	<i>2015-2019</i>	1
0.42	Children Living Below Poverty Level	<i>percent</i>	15.9		19.9	18.5	<i>2015-2019</i>	1
0.42	Families Living Below Poverty Level	<i>percent</i>	8.4		9.9	9.5	<i>2015-2019</i>	1
0.33	Mortgaged Owners Spending 30% or More of Household Income on Housing	<i>percent</i>	17.4		19.7	26.5	<i>2019</i>	1
0.08	Youth not in School or Working	<i>percent</i>	0.3		1.8	1.9	<i>2015-2019</i>	1
SCORE	EDUCATION	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
0.86	4th Grade Students Proficient in English/Language Arts	<i>percent</i>	77.1		63.3		<i>2018-2019</i>	15
1.14	4th Grade Students Proficient in Math	<i>percent</i>	86		74.3		<i>2018-2019</i>	15
0.58	8th Grade Students Proficient in English/Language Arts	<i>percent</i>	77.4		58.3		<i>2018-2019</i>	15
1.00	8th Grade Students Proficient in Math	<i>percent</i>	72.6		57.3		<i>2018-2019</i>	15
1.83	Consumer Expenditures: Childcare	<i>average dollar amount per consumer unit</i>	308.1		301.6	368.2	<i>2021</i>	7
2.00	Consumer Expenditures: Education	<i>average dollar amount per consumer unit</i>	1333.5		1200.4	1492.4	<i>2021</i>	7
1.78	High School Graduation	<i>percent</i>	91.6	90.7	92		<i>2019-2020</i>	15

0.58	People 25+ with a Bachelor's Degree or Higher	<i>percent</i>	29		28.3	32.1	<i>2015-2019</i>	1
1.81	Student-to-Teacher Ratio	<i>students/ teacher</i>	16.4				<i>2019-2020</i>	13
SCORE	ENVIRONMENTAL HEALTH	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.14	Fast Food Restaurant Density	<i>restaurants/ 1,000 population</i>	0.9				<i>2016</i>	23
2.00	Grocery Store Density	<i>stores/ 1,000 population</i>	0.1				<i>2016</i>	23
1.83	Children with Low Access to a Grocery Store	<i>percent</i>	6.2				<i>2015</i>	23
1.83	SNAP Certified Stores	<i>stores/ 1,000 population</i>	0.6				<i>2017</i>	23
1.75	Adults with Current Asthma	<i>percent</i>	10.2			8.9	<i>2019</i>	4
1.67	Farmers Market Density	<i>markets/ 1,000 population</i>	0				<i>2018</i>	23
1.67	Low-Income and Low Access to a Grocery Store	<i>percent</i>	7.8				<i>2015</i>	23
1.67	People 65+ with Low Access to a Grocery Store	<i>percent</i>	3.6				<i>2015</i>	23
1.64	Number of Extreme Precipitation Days	<i>days</i>	34				<i>2019</i>	14
1.64	PBT Released	<i>pounds</i>	154.8				<i>2020</i>	24
1.50	WIC Certified Stores	<i>stores/ 1,000 population</i>	0.1				<i>2016</i>	23
1.36	Number of Extreme Heat Days	<i>days</i>	13				<i>2019</i>	14
1.36	Weeks of Moderate Drought or Worse	<i>weeks per year</i>	0				<i>2020</i>	14
1.33	Households with No Car and Low Access to a Grocery Store	<i>percent</i>	2.3				<i>2015</i>	23
1.33	Recreation and Fitness Facilities	<i>facilities/ 1,000 population</i>	0.1				<i>2016</i>	23

1.31	Blood Lead Levels in Children (>=10 micrograms per deciliter)	<i>percent</i>	0.3		0.5		2020	19
1.31	Blood Lead Levels in Children (>=5 micrograms per deciliter)	<i>percent</i>	1.2		1.9		2020	19
1.25	Annual Ozone Air Quality		A				2017-2019	2
1.25	Annual Particle Pollution		A				2017-2019	2
1.25	Physical Environment Ranking	<i>ranking</i>	12				2021	9
1.25	Severe Housing Problems	<i>percent</i>	14.4		13.7	18	2013-2017	9
1.17	Access to Exercise Opportunities	<i>percent</i>	83.8		83.9	84	2020	9
1.08	Asthma: Medicare Population	<i>percent</i>	4.8		4.8	5	2018	6
1.08	Recognized Carcinogens Released into Air	<i>pounds</i>	30276.6				2020	24
1.03	Food Environment Index		7.7		6.8	7.8	2021	9
1.03	Houses Built Prior to 1950	<i>percent</i>	17.8		26.2	17.5	2015-2019	1
0.97	Liquor Store Density	<i>stores/ 100,000 population</i>	5.5		5.6	10.5	2019	22
0.86	Overcrowded Households	<i>percent of households</i>	0.8		1.4		2015-2019	1
SCORE	HEALTH CARE ACCESS & QUALITY	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.06	Primary Care Provider Rate	<i>providers/ 100,000 population</i>	39.9		76.7		2018	9
1.83	Consumer Expenditures: Medical Services	<i>average dollar amount per consumer unit</i>	1061.7		1098.6	1047.4	2021	7
1.83	Consumer Expenditures: Medical Supplies	<i>average dollar amount per consumer unit</i>	198.2		204.8	194.9	2021	7
1.83	Non-Physician Primary Care Provider Rate	<i>providers/ 100,000 population</i>	36.9		108.9		2020	9

1.44	Dentist Rate	<i>dentists/ 100,000 population</i>	47.4		64.2		2019	9
1.42	Adults who have had a Routine Checkup	<i>percent</i>	78			76.6	2019	4
1.42	Clinical Care Ranking	<i>ranking</i>	34				2021	9
1.33	Adults with Health Insurance	<i>percent</i>	92.4		90.9	87.1	2019	1
1.33	Adults with Health Insurance: 18+	<i>percent</i>	90.4		90.2	90.6	2021	8
1.33	Children with Health Insurance	<i>percent</i>	96.9		95.2	94.3	2019	1
1.33	Consumer Expenditures: Health Insurance	<i>average dollar amount per consumer unit</i>	4163.1		4371.7	4321.1	2021	7
1.33	Consumer Expenditures: Prescription and Non-Prescription Drugs	<i>average dollar amount per consumer unit</i>	606.7		638.9	609.6	2021	7
1.17	Mental Health Provider Rate	<i>providers/ 100,000 population</i>	216.1		261.3		2020	9
1.11	Persons without Health Insurance	<i>percent</i>	5.5		6.6		2019	1
1.00	Adults who Visited a Dentist	<i>percent</i>	52.6		51.6	52.9	2021	8
0.75	Adults without Health Insurance	<i>percent</i>	10.7			13	2019	4
SCORE	HEART DISEASE & STROKE	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.47	Atrial Fibrillation: Medicare Population	<i>percent</i>	9.6		9	8.4	2018	6
2.31	Hyperlipidemia: Medicare Population	<i>percent</i>	52.4		49.4	47.7	2018	6
2.08	Cholesterol Test History	<i>percent</i>	83.6			87.6	2019	4
1.75	Adults who Have Taken Medications for High Blood Pressure	<i>percent</i>	77.1			76.2	2019	4

1.50	Age-Adjusted Death Rate due to Coronary Heart Disease	<i>deaths/ 100,000 population</i>	105	71.1	101.4	90.5	<i>2017-2019</i>	5
1.47	Stroke: Medicare Population	<i>percent</i>	3.6		3.8	3.8	<i>2018</i>	6
1.42	Heart Failure: Medicare Population	<i>percent</i>	15.1		14.7	14	<i>2018</i>	6
1.31	Hypertension: Medicare Population	<i>percent</i>	58		59.5	57.2	<i>2018</i>	6
1.25	Adults who Experienced Coronary Heart Disease	<i>percent</i>	6.8			6.2	<i>2019</i>	4
1.17	Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)	<i>deaths/ 100,000 population</i>	36.5	33.4	42.5	37.2	<i>2017-2019</i>	5
1.17	High Blood Pressure Prevalence	<i>percent</i>	32.7	27.7		32.6	<i>2019</i>	4
1.14	Ischemic Heart Disease: Medicare Population	<i>percent</i>	25.9		27.5	26.8	<i>2018</i>	6
0.92	Adults who Experienced a Stroke	<i>percent</i>	3.4			3.4	<i>2019</i>	4
0.92	Age-Adjusted Death Rate due to Heart Attack	<i>deaths/ 100,000 population 35+ years</i>	50.3		55.4		<i>2019</i>	14
0.92	High Cholesterol Prevalence: Adults 18+	<i>percent</i>	32.1			33.6	<i>2019</i>	4
SCORE	IMMUNIZATIONS & INFECTIOUS DISEASES	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.67	Chlamydia Incidence Rate	<i>cases/ 100,000 population</i>	433.2		561.9	551	<i>2019</i>	16
1.36	Age-Adjusted Death Rate due to Influenza and Pneumonia	<i>deaths/ 100,000 population</i>	14.5		14.4	13.8	<i>2017-2019</i>	5
1.22	Gonorrhea Incidence Rate	<i>cases/ 100,000 population</i>	80.6		224	187.8	<i>2019</i>	16

1.00	Adults who Agree Vaccine Benefits Outweigh Possible Risks	Percent	49.1		48.6	49.4	2021	8
0.86	Overcrowded Households	percent of households	0.8		1.4		2015-2019	1
0.78	Salmonella Infection Incidence Rate	cases/ 100,000 population	9.8	11.1	12.9		2018	16
0.78	Tuberculosis Incidence Rate	cases/ 100,000 population	0	1.4	1.1		2020	16
0.75	Persons Fully Vaccinated Against COVID-19	percent	55.9				28-Jan-21	5
0.08	COVID-19 Daily Average Case-Fatality Rate	deaths per 100 cases	0		0	0.5	28-Jan-21	11
0.08	COVID-19 Daily Average Incidence Rate	cases per 100,000 population	60.6		128.4	177.3	28-Jan-21	11
SCORE	MATERNAL, FETAL & INFANT HEALTH	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.06	Babies with Low Birth Weight	percent	7.3		8.5	8.2	2020	17
0.78	Babies with Very Low Birth Weight	percent	1		1.4	1.3	2020	17
1.83	Consumer Expenditures: Childcare	average dollar amount per consumer unit	308.1		301.6	368.2	2021	7
2.22	Infant Mortality Rate	deaths/ 1,000 live births	9.7	5	6.9		2019	17
0.94	Mothers who Received Early Prenatal Care	percent	75.9		68.9	76.1	2020	17
1.86	Mothers who Smoked During Pregnancy	percent	13.4	4.3	11.5	5.5	2020	17
1.50	Preterm Births	percent	9.8	9.4	10.3		2020	17
0.86	Teen Birth Rate: 15-17	live births/ 1,000 females aged 15-17	2.4		6.8		2020	17
0.86	Teen Pregnancy Rate	pregnancies/ 1,000 females aged 15-17	14.9		19.5		2016	17

SCORE	MEDICATIONS & PRESCRIPTIONS	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.83	Consumer Expenditures: Medical Services	<i>average dollar amount per consumer unit</i>	1061.7		1098.6	1047.4	2021	7
1.83	Consumer Expenditures: Medical Supplies	<i>average dollar amount per consumer unit</i>	198.2		204.8	194.9	2021	7
1.33	Consumer Expenditures: Prescription and Non-Prescription Drugs	<i>average dollar amount per consumer unit</i>	606.7		638.9	609.6	2021	7
SCORE	MENTAL HEALTH & MENTAL DISORDERS	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.92	Adults Ever Diagnosed with Depression	<i>percent</i>	22.3			18.8	2019	4
1.14	Age-Adjusted Death Rate due to Alzheimer's Disease	<i>deaths/ 100,000 population</i>	30.4		34	30.5	2017-2019	5
1.17	Age-Adjusted Death Rate due to Suicide	<i>deaths/ 100,000 population</i>	13.9	12.8	15.1	14.1	2017-2019	5
1.31	Alzheimer's Disease or Dementia: Medicare Population	<i>percent</i>	9.9		10.4	10.8	2018	6
2.58	Depression: Medicare Population	<i>percent</i>	21.4		20.4	18.4	2018	6
1.17	Mental Health Provider Rate	<i>providers/ 100,000 population</i>	216.1		261.3		2020	9
1.92	Poor Mental Health: 14+ Days	<i>percent</i>	16.8			13.6	2019	4
1.50	Poor Mental Health: Average Number of Days	<i>days</i>	4.8		4.8	4.1	2018	9
1.00	Self-Reported General Health Assessment: Good or Better	<i>percent</i>	86.2		85.6	86.5	2021	8

SCORE	NUTRITION & HEALTHY EATING	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.67	Consumer Expenditures: Fruits and Vegetables	<i>average dollar amount per consumer unit</i>	825.5		864.6	1002.1	<i>2021</i>	7
1.50	Adult Sugar-Sweetened Beverage Consumption: Past 7 Days	<i>percent</i>	81.5		80.9	80.4	<i>2021</i>	8
1.50	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	<i>Percent</i>	41.3		41.5	41.2	<i>2021</i>	8
1.33	Consumer Expenditures: Fast Food Restaurants	<i>average dollar amount per consumer unit</i>	1439.5		1461	1638.9	<i>2021</i>	7
1.33	Consumer Expenditures: High Sugar Foods	<i>average dollar amount per consumer unit</i>	490.7		519	530.2	<i>2021</i>	7
1.00	Consumer Expenditures: High Sugar Beverages	<i>average dollar amount per consumer unit</i>	299.9		319.7	357	<i>2021</i>	7
SCORE	OLDER ADULTS	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.58	Depression: Medicare Population	<i>percent</i>	21.4		20.4	18.4	<i>2018</i>	6
2.47	Atrial Fibrillation: Medicare Population	<i>percent</i>	9.6		9	8.4	<i>2018</i>	6
2.31	Hyperlipidemia: Medicare Population	<i>percent</i>	52.4		49.4	47.7	<i>2018</i>	6
2.25	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	<i>percent</i>	36.3		36.1	33.5	<i>2018</i>	6
1.92	Osteoporosis: Medicare Population	<i>percent</i>	6.2		6.2	6.6	<i>2018</i>	6

1.67	People 65+ with Low Access to a Grocery Store	<i>percent</i>	3.6					<i>2015</i>	23
1.64	Cancer: Medicare Population	<i>percent</i>	8.3		8.4	8.4		<i>2018</i>	6
1.47	Stroke: Medicare Population	<i>percent</i>	3.6		3.8	3.8		<i>2018</i>	6
1.42	Adults with Arthritis	<i>percent</i>	28.6			25.1		<i>2019</i>	4
1.42	Heart Failure: Medicare Population	<i>percent</i>	15.1		14.7	14		<i>2018</i>	6
1.36	COPD: Medicare Population	<i>percent</i>	12.5		13.2	11.5		<i>2018</i>	6
1.33	Colon Cancer Screening	<i>percent</i>	65.4	74.4		66.4		<i>2018</i>	4
1.31	Alzheimer's Disease or Dementia: Medicare Population	<i>percent</i>	9.9		10.4	10.8		<i>2018</i>	6
1.31	Hypertension: Medicare Population	<i>percent</i>	58		59.5	57.2		<i>2018</i>	6
1.25	Adults 65+ who Received Recommended Preventive Services: Males	<i>percent</i>	33.8			32.4		<i>2018</i>	4
1.25	Adults 65+ with Total Tooth Loss	<i>percent</i>	14.4			13.5		<i>2018</i>	4
1.25	Chronic Kidney Disease: Medicare Population	<i>percent</i>	22.6		25.3	24.5		<i>2018</i>	6
1.14	Age-Adjusted Death Rate due to Alzheimer's Disease	<i>deaths/ 100,000 population</i>	30.4		34	30.5		<i>2017-2019</i>	5
1.14	Age-Adjusted Death Rate due to Falls	<i>deaths/ 100,000 population</i>	9.3		10.5	9.5		<i>2017-2019</i>	5
1.14	Ischemic Heart Disease: Medicare Population	<i>percent</i>	25.9		27.5	26.8		<i>2018</i>	6
1.08	Asthma: Medicare Population	<i>percent</i>	4.8		4.8	5		<i>2018</i>	6
1.00	Diabetes: Medicare Population	<i>percent</i>	25.4		27.2	27		<i>2018</i>	6
0.97	People 65+ Living Alone	<i>percent</i>	25.5		28.8	26.1		<i>2015-2019</i>	1

0.75	Adults 65+ who Received Recommended Preventive Services: Females	<i>percent</i>	34.3			28.4	<i>2018</i>	4
0.67	Consumer Expenditures: Eldercare	<i>average dollar amount per consumer unit</i>	19.4		20.5	34.3	<i>2021</i>	7
0.50	People 65+ Living Below Poverty Level	<i>percent</i>	5.5		8.1	9.3	<i>2015-2019</i>	1
SCORE	ORAL HEALTH	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.81	Oral Cavity and Pharynx Cancer Incidence Rate	<i>cases/ 100,000 population</i>	12.7		12.2	11.9	<i>2014-2018</i>	12
1.44	Dentist Rate	<i>dentists/ 100,000 population</i>	47.4		64.2		<i>2019</i>	9
1.25	Adults 65+ with Total Tooth Loss	<i>percent</i>	14.4			13.5	<i>2018</i>	4
1.00	Adults who Visited a Dentist	<i>percent</i>	52.6		51.6	52.9	<i>2021</i>	8
SCORE	OTHER CONDITIONS	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.25	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	<i>percent</i>	36.3		36.1	33.5	<i>2018</i>	6
1.92	Osteoporosis: Medicare Population	<i>percent</i>	6.2		6.2	6.6	<i>2018</i>	6
1.42	Adults with Arthritis	<i>percent</i>	28.6			25.1	<i>2019</i>	4
1.25	Chronic Kidney Disease: Medicare Population	<i>percent</i>	22.6		25.3	24.5	<i>2018</i>	6
0.92	Adults with Kidney Disease	<i>Percent of adults</i>	2.9			3.1	<i>2019</i>	4
0.50	Age-Adjusted Death Rate due to Kidney Disease	<i>deaths/ 100,000 population</i>	11.5		14.5	12.9	<i>2017-2019</i>	5

SCORE	PHYSICAL ACTIVITY	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.14	Fast Food Restaurant Density	<i>restaurants/ 1,000 population</i>	0.9				2016	23
2.00	Grocery Store Density	<i>stores/ 1,000 population</i>	0.1				2016	23
1.83	Children with Low Access to a Grocery Store	<i>percent</i>	6.2				2015	23
1.83	SNAP Certified Stores	<i>stores/ 1,000 population</i>	0.6				2017	23
1.67	Farmers Market Density	<i>markets/ 1,000 population</i>	0				2018	23
1.67	Low-Income and Low Access to a Grocery Store	<i>percent</i>	7.8				2015	23
1.67	People 65+ with Low Access to a Grocery Store	<i>percent</i>	3.6				2015	23
1.64	Workers who Walk to Work	<i>percent</i>	2.4		2.2	2.7	2015-2019	1
1.50	Adult Sugar-Sweetened Beverage Consumption: Past 7 Days	<i>percent</i>	81.5		80.9	80.4	2021	8
1.50	WIC Certified Stores	<i>stores/ 1,000 population</i>	0.1				2016	23
1.42	Adults 20+ who are Obese	<i>percent</i>	31.8	36			2019	5
1.33	Households with No Car and Low Access to a Grocery Store	<i>percent</i>	2.3				2015	23
1.33	Recreation and Fitness Facilities	<i>facilities/ 1,000 population</i>	0.1				2016	23
1.25	Health Behaviors Ranking	<i>ranking</i>	7				2021	9
1.19	Adults 20+ who are Sedentary	<i>percent</i>	23.3				2019	5
1.17	Access to Exercise Opportunities	<i>percent</i>	83.8		83.9	84	2020	9
1.03	Food Environment Index	<i>index</i>	7.7		6.8	7.8	2021	9

SCORE	PREVENTION & SAFETY	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.14	Age-Adjusted Death Rate due to Falls	<i>deaths/ 100,000 population</i>	9.3		10.5	9.5	<i>2017-2019</i>	5
0.72	Age-Adjusted Death Rate due to Unintentional Injuries	<i>deaths/ 100,000 population</i>	47.4	43.2	68.8	48.9	<i>2017-2019</i>	5
1.19	Age-Adjusted Death Rate due to Unintentional Poisonings	<i>deaths/ 100,000 population</i>	24.7		40.2	21.4	<i>2017-2019</i>	5
1.03	Death Rate due to Drug Poisoning	<i>deaths/ 100,000 population</i>	21.7		38.1	21	<i>2017-2019</i>	9
1.25	Severe Housing Problems	<i>percent</i>	14.4		13.7	18	<i>2013-2017</i>	9
SCORE	RESPIRATORY DISEASES	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.83	Adults Who Used Electronic Cigarettes: Past 30 Days	<i>percent</i>	4.6		4.3	4.1	<i>2021</i>	8
1.75	Adults with Current Asthma	<i>percent</i>	10.2			8.9	<i>2019</i>	4
1.67	Adults Who Used Smokeless Tobacco: Past 30 Days	<i>percent</i>	2.7		2.2	2	<i>2021</i>	8
1.58	Adults who Smoke	<i>percent</i>	21.4	5	21.4	17	<i>2018</i>	9
1.44	Age-Adjusted Death Rate due to Lung Cancer	<i>deaths/ 100,000 population</i>	44	25.1	45	36.7	<i>2015-2019</i>	12
1.42	Adults with COPD	<i>Percent of adults</i>	8.4			6.6	<i>2019</i>	4
1.36	Age-Adjusted Death Rate due to Influenza and Pneumonia	<i>deaths/ 100,000 population</i>	14.5		14.4	13.8	<i>2017-2019</i>	5
1.36	COPD: Medicare Population	<i>percent</i>	12.5		13.2	11.5	<i>2018</i>	6
1.36	Lung and Bronchus Cancer Incidence Rate	<i>cases/ 100,000 population</i>	64		67.3	57.3	<i>2014-2018</i>	12
1.17	Consumer Expenditures: Tobacco and Legal Marijuana	<i>average dollar amount per consumer unit</i>	443.7		487.9	422.4	<i>2021</i>	7

1.08	Asthma: Medicare Population	<i>percent</i>	4.8		4.8	5	<i>2018</i>	6
0.86	Age-Adjusted Death Rate due to Chronic Lower Respiratory Diseases	<i>deaths/ 100,000 population</i>	41.9		47.8	39.6	<i>2017-2019</i>	5
0.78	Tuberculosis Incidence Rate	<i>cases/ 100,000 population</i>	0	1.4	1.1		<i>2020</i>	16
0.08	COVID-19 Daily Average Case-Fatality Rate	<i>deaths per 100 cases</i>	0		0	0.5	<i>28-Jan-21</i>	11
0.08	COVID-19 Daily Average Incidence Rate	<i>cases per 100,000 population</i>	60.6		128.4	177.3	<i>28-Jan-21</i>	11
SCORE	TOBACCO USE	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.83	Adults Who Used Electronic Cigarettes: Past 30 Days	<i>percent</i>	4.6		4.3	4.1	<i>2021</i>	8
1.67	Adults Who Used Smokeless Tobacco: Past 30 Days	<i>percent</i>	2.7		2.2	2	<i>2021</i>	8
1.58	Adults who Smoke	<i>percent</i>	21.4	5	21.4	17	<i>2018</i>	9
1.17	Consumer Expenditures: Tobacco and Legal Marijuana	<i>average dollar amount per consumer unit</i>	443.7		487.9	422.4	<i>2021</i>	7
SCORE	WELLNESS & LIFESTYLE	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.92	Insufficient Sleep	<i>percent</i>	40	31.4	40.6	35	<i>2018</i>	9
1.67	Poor Physical Health: Average Number of Days	<i>days</i>	4.4		4.1	3.7	<i>2018</i>	9
1.50	Adult Sugar-Sweetened Beverage Consumption: Past 7 Days	<i>percent</i>	81.5		80.9	80.4	<i>2021</i>	8

1.50	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	<i>Percent</i>	41.3		41.5	41.2	2021	8
1.42	Morbidity Ranking	<i>ranking</i>	34				2021	9
1.33	Consumer Expenditures: Fast Food Restaurants	<i>average dollar amount per consumer unit</i>	1439.5		1461	1638.9	2021	7
1.25	Poor Physical Health: 14+ Days	<i>percent</i>	13.2			12.5	2019	4
1.17	High Blood Pressure Prevalence	<i>percent</i>	32.7	27.7		32.6	2019	4
1.17	Life Expectancy	<i>years</i>	78		77	79.2	2017-2019	9
1.08	Self-Reported General Health Assessment: Poor or Fair	<i>percent</i>	18.1			18.6	2019	4
1.00	Adults who Agree Vaccine Benefits Outweigh Possible Risks	<i>Percent</i>	49.1		48.6	49.4	2021	8
1.00	Self-Reported General Health Assessment: Good or Better	<i>percent</i>	86.2		85.6	86.5	2021	8
SCORE	WOMEN'S HEALTH	UNITS	PORTAGE COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.81	Breast Cancer Incidence Rate	<i>cases/ 100,000 females</i>	128.7		129.6	126.8	2014-2018	12
1.61	Cervical Cancer Screening: 21-65	<i>Percent</i>	83.7	84.3		84.7	2018	4
1.28	Age-Adjusted Death Rate due to Breast Cancer	<i>deaths/ 100,000 females</i>	20.4	15.3	21.6	19.9	2015-2019	12
1.06	Cervical Cancer Incidence Rate	<i>cases/ 100,000 females</i>	6.8		7.9	7.7	2014-2018	12
0.94	Mammogram in Past 2 Years: 50-74	<i>percent</i>	75.6	77.1		74.8	2018	4

Portage County Data Sources

Key	Data Source Name
1	American Community Survey
2	American Lung Association
3	Annie E. Casey Foundation
4	CDC - PLACES
5	Centers for Disease Control and Prevention
6	Centers for Medicare & Medicaid Services
7	Claritas Consumer Buying Power
8	Claritas Consumer Profiles
9	County Health Rankings
10	Feeding America
11	Healthy Communities Institute
12	National Cancer Institute
13	National Center for Education Statistics
14	National Environmental Public Health Tracking Network
15	Ohio Department of Education
16	Ohio Department of Health, Infectious Diseases
17	Ohio Department of Health, Vital Statistics
18	Ohio Department of Public Safety, Office of Criminal Justice Services
19	Ohio Public Health Information Warehouse
20	Ohio Secretary of State
21	U.S. Bureau of Labor Statistics
22	U.S. Census - County Business Patterns
23	U.S. Department of Agriculture - Food Environment Atlas
24	U.S. Environmental Protection Agency
25	United For ALICE

SCORE	ALCOHOL & DRUG USE	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.17	Alcohol-Impaired Driving Deaths	<i>percent of driving deaths with alcohol involvement</i>	38.3	28.3	32.2	27	2015-2019	9
2.00	Consumer Expenditures: Alcoholic Beverages	<i>average dollar amount per consumer unit</i>	679.3		651.5	701.9	2021	7
1.86	Death Rate due to Drug Poisoning	<i>deaths/ 100,000 population</i>	36.7		38.1	21	2017-2019	9
1.75	Age-Adjusted Drug and Opioid-Involved Overdose Death Rate	<i>Deaths per 100,000 population</i>	40.1		42	22.8	2017-2019	5
1.42	Health Behaviors Ranking	<i>ranking</i>	27				2021	9
1.36	Mothers who Smoked During Pregnancy	<i>percent</i>	11.1	4.3	11.5	5.5	2020	17
1.17	Adults who Drink Excessively	<i>percent</i>	17.3		18.5	19	2018	9
1.08	Adults who Binge Drink	<i>percent</i>	15.4			16.7	2019	4
0.75	Liquor Store Density	<i>stores/ 100,000 population</i>	6.3		5.6	10.5	2019	22
SCORE	CANCER	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.58	Breast Cancer Incidence Rate	<i>cases/ 100,000 females</i>	136.3		129.6	126.8	2014-2018	12
2.42	Cancer: Medicare Population	<i>percent</i>	8.5		8.4	8.4	2018	6
2.22	Age-Adjusted Death Rate due to Breast Cancer	<i>deaths/ 100,000 females</i>	22.8	15.3	21.6	19.9	2015-2019	12
2.06	Age-Adjusted Death Rate due to Prostate Cancer	<i>deaths/ 100,000 males</i>	20	16.9	19.4	18.9	2015-2019	12
1.83	Colon Cancer Screening	<i>percent</i>	62.2	74.4		66.4	2018	4

1.75	All Cancer Incidence Rate	<i>cases/ 100,000 population</i>	454.7		467.5	448.6	2014-2018	12
1.61	Mammogram in Past 2 Years: 50-74	<i>percent</i>	71.3	77.1		74.8	2018	4
1.58	Adults with Cancer	<i>percent</i>	8			7.1	2019	4
1.44	Age-Adjusted Death Rate due to Cancer	<i>deaths/ 100,000 population</i>	166.4	122.7	169.4	152.4	2015-2019	12
1.28	Age-Adjusted Death Rate due to Lung Cancer	<i>deaths/ 100,000 population</i>	41	25.1	45	36.7	2015-2019	12
1.19	Lung and Bronchus Cancer Incidence Rate	<i>cases/ 100,000 population</i>	62.4		67.3	57.3	2014-2018	12
1.19	Prostate Cancer Incidence Rate	<i>cases/ 100,000 males</i>	100.1		107.2	106.2	2014-2018	12
1.14	Colorectal Cancer Incidence Rate	<i>cases/ 100,000 population</i>	37.2		41.3	38	2014-2018	12
1.11	Age-Adjusted Death Rate due to Colorectal Cancer	<i>deaths/ 100,000 population</i>	14.1	8.9	14.8	13.4	2015-2019	12
0.89	Cervical Cancer Screening: 21-65	<i>Percent</i>	85.5	84.3		84.7	2018	4
0.69	Oral Cavity and Pharynx Cancer Incidence Rate	<i>cases/ 100,000 population</i>	11		12.2	11.9	2014-2018	12
0.61	Cervical Cancer Incidence Rate	<i>cases/ 100,000 females</i>	5		7.9	7.7	2014-2018	12
SCORE	CHILDREN'S HEALTH	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.00	Children with Low Access to a Grocery Store	<i>percent</i>	7.2				2015	23
1.83	Consumer Expenditures: Childcare	<i>average dollar amount per consumer unit</i>	307		301.6	368.2	2021	7
1.75	Projected Child Food Insecurity Rate	<i>percent</i>	19.1		18.5		2021	10

1.50	Child Food Insecurity Rate	<i>percent</i>	17.4		17.4	14.6	<i>2019</i>	10
1.33	Children with Health Insurance	<i>percent</i>	98		95.2	94.3	<i>2019</i>	1
1.03	Blood Lead Levels in Children (>=10 micrograms per deciliter)	<i>percent</i>	0.3		0.5		<i>2020</i>	19
1.03	Blood Lead Levels in Children (>=5 micrograms per deciliter)	<i>percent</i>	1.2		1.9		<i>2020</i>	19
0.78	Substantiated Child Abuse Rate	<i>cases/ 1,000 children</i>	4.1	8.7	6.8		<i>2020</i>	3
SCORE	COMMUNITY	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.31	Workers who Walk to Work	<i>percent</i>	1.4		2.2	2.7	<i>2015-2019</i>	1
2.19	People 65+ Living Alone	<i>percent</i>	30.1		28.8	26.1	<i>2015-2019</i>	1
2.17	Alcohol-Impaired Driving Deaths	<i>percent of driving deaths with alcohol involvement</i>	38.3	28.3	32.2	27	<i>2015-2019</i>	9
2.17	Single-Parent Households	<i>percent</i>	28.5		27.1	25.5	<i>2015-2019</i>	1
1.89	Violent Crime Rate	<i>crimes/ 100,000 population</i>	336.5		303.5	394	<i>2017</i>	18
1.86	Households without a Vehicle	<i>percent</i>	8.5		7.9	8.6	<i>2015-2019</i>	1
1.75	Workers who Drive Alone to Work	<i>percent</i>	85		82.9	76.3	<i>2015-2019</i>	1
1.67	Consumer Expenditures: Local Public Transportation	<i>average dollar amount per consumer unit</i>	123.1		121.7	148.8	<i>2021</i>	7
1.64	Linguistic Isolation	<i>percent</i>	1.4		1.4	4.4	<i>2015-2019</i>	1
1.58	Social and Economic Factors Ranking		47				<i>2021</i>	9

1.56	Workers Commuting by Public Transportation	<i>percent</i>	1.5	5.3	1.6	5	<i>2015-2019</i>	1
1.50	Households with One or More Types of Computing Devices	<i>percent</i>	88.6		89.1	90.3	<i>2015-2019</i>	1
1.42	Solo Drivers with a Long Commute	<i>percent</i>	29.2		31.1	37	<i>2015-2019</i>	9
1.36	Children Living Below Poverty Level	<i>percent</i>	19.2		19.9	18.5	<i>2015-2019</i>	1
1.33	Voter Turnout: Presidential Election	<i>percent</i>	74.7		74		<i>2020</i>	20
1.31	Social Associations	<i>membership associations/ 10,000 population</i>	11.3		11	9.3	<i>2018</i>	9
1.19	Young Children Living Below Poverty Level	<i>percent</i>	21.4		23	20.3	<i>2015-2019</i>	1
1.14	Mean Travel Time to Work	<i>minutes</i>	23.2		23.7	26.9	<i>2015-2019</i>	1
1.11	People Living Below Poverty Level	<i>percent</i>	13.2	8	14	13.4	<i>2015-2019</i>	1
1.00	Adults with Internet Access	<i>percent</i>	95		94.5	95	<i>2021</i>	8
1.00	Age-Adjusted Death Rate due to Motor Vehicle Collisions	<i>deaths/ 100,000 population</i>	1.4		2.8	2.5	<i>2015-2019</i>	5
1.00	Households with a Computer	<i>percent</i>	86.2		85.2	86.3	<i>2021</i>	8
1.00	Households with a Smartphone	<i>percent</i>	81.4		80.5	81.9	<i>2021</i>	8
1.00	Households with an Internet Subscription	<i>percent</i>	83		82.4	83	<i>2015-2019</i>	1
1.00	Households with No Car and Low Access to a Grocery Store	<i>percent</i>	1.6				<i>2015</i>	23

1.00	Households with Wireless Phone Service	<i>percent</i>	97		96.8	97	<i>2020</i>	8
1.00	Persons with an Internet Subscription	<i>percent</i>	87.1		86.2	86.2	<i>2015-2019</i>	1
0.92	Homeownership	<i>percent</i>	60.1		59.4	56.2	<i>2015-2019</i>	1
0.92	Median Household Income	<i>dollars</i>	57181		56602	62843	<i>2015-2019</i>	1
0.78	Substantiated Child Abuse Rate	<i>cases/ 1,000 children</i>	4.1	8.7	6.8		<i>2020</i>	3
0.58	Per Capita Income	<i>dollars</i>	33606		31552	34103	<i>2015-2019</i>	1
0.42	Youth not in School or Working	<i>percent</i>	1.6		1.8	1.9	<i>2015-2019</i>	1
0.25	People 25+ with a Bachelor's Degree or Higher	<i>percent</i>	32.5		28.3	32.1	<i>2015-2019</i>	1
SCORE	DIABETES	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.64	Adults 20+ with Diabetes	<i>percent</i>	9.5				<i>2019</i>	5
1.36	Age-Adjusted Death Rate due to Diabetes	<i>deaths/ 100,000 population</i>	23.7		25.3	21.5	<i>2017-2019</i>	5
0.86	Diabetes: Medicare Population	<i>percent</i>	25.1		27.2	27	<i>2018</i>	6
SCORE	ECONOMY	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.36	Households with Cash Public Assistance Income	<i>percent</i>	5.1		2.9	2.4	<i>2015-2019</i>	1
2.00	Consumer Expenditures: Homeowner Expenses	<i>average dollar amount per consumer unit</i>	8092.4		7828	8900.1	<i>2021</i>	7
2.00	Income Inequality		0.5		0.5	0.5	<i>2015-2019</i>	1

1.75	Projected Child Food Insecurity Rate	<i>percent</i>	19.1		18.5		<i>2021</i>	10
1.67	Low-Income and Low Access to a Grocery Store	<i>percent</i>	7.7				<i>2015</i>	23
1.67	Renters Spending 30% or More of Household Income on Rent	<i>percent</i>	46.4		44.9	49.6	<i>2015-2019</i>	1
1.58	Persons with Disability Living in Poverty (5-year)	<i>percent</i>	30.2		29.5	26.1	<i>2015-2019</i>	1
1.58	Social and Economic Factors Ranking	<i>ranking</i>	47				<i>2021</i>	9
1.58	Unemployed Workers in Civilian Labor Force	<i>percent</i>	4.7		4.3	4.6	<i>Sep-21</i>	21
1.53	SNAP Certified Stores	<i>stores/ 1,000 population</i>	0.8				<i>2017</i>	23
1.50	Adults who Feel Overwhelmed by Financial Burdens	<i>percent</i>	14.4		14.6	14.4	<i>2021</i>	8
1.50	Child Food Insecurity Rate	<i>percent</i>	17.4		17.4	14.6	<i>2019</i>	10
1.50	Food Insecurity Rate	<i>percent</i>	12.7		13.2	10.9	<i>2019</i>	10
1.50	WIC Certified Stores	<i>stores/ 1,000 population</i>	0.1				<i>2016</i>	23
1.36	Children Living Below Poverty Level	<i>percent</i>	19.2		19.9	18.5	<i>2015-2019</i>	1
1.36	Size of Labor Force	<i>persons</i>	264940				<i>44440</i>	21
1.33	Households that are Asset Limited, Income Constrained, Employed (ALICE)	<i>percent</i>	22.2		24.5		<i>2018</i>	25
1.25	Projected Food Insecurity Rate	<i>percent</i>	13.8		14.1		<i>2021</i>	10
1.19	Families Living Below Poverty Level	<i>percent</i>	9.4		9.9	9.5	<i>2015-2019</i>	1

1.19	Young Children Living Below Poverty Level	<i>percent</i>	21.4		23	20.3	<i>2015-2019</i>	1
1.17	Households that are Above the Asset Limited, Income Constrained, Employed (ALICE) Threshold	<i>percent</i>	66.1		61.6		<i>2018</i>	25
1.17	Households that are Below the Federal Poverty Level	<i>percent</i>	11.7		13.8		<i>2018</i>	25
1.14	Overcrowded Households	<i>percent of households</i>	1		1.4		<i>2015-2019</i>	1
1.11	People Living Below Poverty Level	<i>percent</i>	13.2	8	14	13.4	<i>2015-2019</i>	1
1.08	Severe Housing Problems	<i>percent</i>	13.6		13.7	18	<i>2013-2017</i>	9
0.97	People 65+ Living Below Poverty Level	<i>percent</i>	7.1		8.1	9.3	<i>2015-2019</i>	1
0.92	Homeownership	<i>percent</i>	60.1		59.4	56.2	<i>2015-2019</i>	1
0.92	Median Household Income	<i>dollars</i>	57181		56602	62843	<i>2015-2019</i>	1
0.86	Students Eligible for the Free Lunch Program	<i>percent</i>	15.4				<i>2019-2020</i>	13
0.83	Consumer Expenditures: Home Rental Expenses	<i>average dollar amount per consumer unit</i>	3632.3		3798.7	5460.2	<i>2021</i>	7
0.83	Households with a Savings Account	<i>percent</i>	70.4		68.8	70.2	<i>2021</i>	8
0.78	Mortgaged Owners Spending 30% or More of Household Income on Housing	<i>percent</i>	19.2		19.7	26.5	<i>2019</i>	1
0.75	People Living 200% Above Poverty Level	<i>percent</i>	69.9		68.8	69.1	<i>2015-2019</i>	1
0.58	Per Capita Income	<i>dollars</i>	33606		31552	34103	<i>2015-2019</i>	1
0.42	Youth not in School or Working	<i>percent</i>	1.6		1.8	1.9	<i>2015-2019</i>	1

SCORE	EDUCATION	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.86	4th Grade Students Proficient in English/Language Arts	<i>percent</i>	56.5		63.3		2018-2019	15
1.83	Consumer Expenditures: Childcare	<i>average dollar amount per consumer unit</i>	307		301.6	368.2	2021	7
1.83	Consumer Expenditures: Education	<i>average dollar amount per consumer unit</i>	1208.5		1200.4	1492.4	2021	7
1.81	Student-to-Teacher Ratio	<i>students/ teacher</i>	16.8				2019-2020	13
1.69	4th Grade Students Proficient in Math	<i>percent</i>	67.4		74.3		2018-2019	15
1.58	8th Grade Students Proficient in English/Language Arts	<i>percent</i>	51.1		58.3		2018-2019	15
1.58	8th Grade Students Proficient in Math	<i>percent</i>	48.7		57.3		2018-2019	15
1.39	High School Graduation	<i>percent</i>	91.1	90.7	92		2019-2020	15
0.25	People 25+ with a Bachelor's Degree or Higher	<i>percent</i>	32.5		28.3	32.1	2015-2019	1
SCORE	ENVIRONMENTAL HEALTH	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.36	Asthma: Medicare Population	<i>percent</i>	5.8		4.8	5	2018	6
2.00	Children with Low Access to a Grocery Store	<i>percent</i>	7.2				2015	23
1.92	Adults with Current Asthma	<i>percent</i>	10.3			8.9	2019	4
1.83	People 65+ with Low Access to a Grocery Store	<i>percent</i>	4.3				2015	23

1.75	Physical Environment Ranking	<i>ranking</i>	74				<i>2021</i>	9
1.72	Annual Ozone Air Quality		3				<i>2017-2019</i>	2
1.69	Fast Food Restaurant Density	<i>restaurants/ 1,000 population</i>	0.8				<i>2016</i>	23
1.67	Grocery Store Density	<i>stores/ 1,000 population</i>	0.2				<i>2016</i>	23
1.67	Low-Income and Low Access to a Grocery Store	<i>percent</i>	7.7				<i>2015</i>	23
1.64	Number of Extreme Precipitation Days	<i>days</i>	32				<i>2019</i>	14
1.53	SNAP Certified Stores	<i>stores/ 1,000 population</i>	0.8				<i>2017</i>	23
1.50	WIC Certified Stores	<i>stores/ 1,000 population</i>	0.1				<i>2016</i>	23
1.44	Annual Particle Pollution		B				<i>2017-2019</i>	2
1.42	Houses Built Prior to 1950	<i>percent</i>	27		26.2	17.5	<i>2015-2019</i>	1
1.36	Food Environment Index	<i>index</i>	7.5		6.8	7.8	<i>2021</i>	9
1.36	Number of Extreme Heat Days	<i>days</i>	14				<i>2019</i>	14
1.36	Recognized Carcinogens Released into Air	<i>pounds</i>	97811.5				<i>2020</i>	24
1.36	Weeks of Moderate Drought or Worse	<i>weeks per year</i>	1				<i>2020</i>	14
1.33	Farmers Market Density	<i>markets/ 1,000 population</i>	0				<i>2018</i>	23
1.17	Recreation and Fitness Facilities	<i>facilities/ 1,000 population</i>	0.1				<i>2016</i>	23
1.14	Overcrowded Households	<i>percent of households</i>	1		1.4		<i>2015-2019</i>	1
1.08	Severe Housing Problems	<i>percent</i>	13.6		13.7	18	<i>2013-2017</i>	9
1.03	Blood Lead Levels in Children (>=10 micrograms per deciliter)	<i>percent</i>	0.3		0.5		<i>2020</i>	19

1.03	Blood Lead Levels in Children (>=5 micrograms per deciliter)	<i>percent</i>	1.2		1.9		2020	19
1.00	Households with No Car and Low Access to a Grocery Store	<i>percent</i>	1.6				2015	23
0.75	Liquor Store Density	<i>stores/ 100,000 population</i>	6.3		5.6	10.5	2019	22
0.50	Access to Exercise Opportunities	<i>percent</i>	94.1		83.9	84	2020	9
SCORE	HEALTH CARE ACCESS & QUALITY	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.33	Consumer Expenditures: Medical Services	<i>average dollar amount per consumer unit</i>	1153.1		1098.6	1047.4	2021	7
2.17	Consumer Expenditures: Health Insurance	<i>average dollar amount per consumer unit</i>	4543.8		4371.7	4321.1	2021	7
2.17	Consumer Expenditures: Medical Supplies	<i>average dollar amount per consumer unit</i>	213.4		204.8	194.9	2021	7
2.17	Consumer Expenditures: Prescription and Non-Prescription Drugs	<i>average dollar amount per consumer unit</i>	664.9		638.9	609.6	2021	7
1.56	Persons without Health Insurance	<i>percent</i>	6.5		6.6		2019	1
1.50	Adults with Health Insurance	<i>percent</i>	90		90.9	87.1	2019	1
1.33	Children with Health Insurance	<i>percent</i>	98		95.2	94.3	2019	1
1.25	Clinical Care Ranking	<i>ranking</i>	9				2021	9
1.00	Adults with Health Insurance: 18+	<i>percent</i>	90.9		90.2	90.6	2021	8

0.92	Adults who have had a Routine Checkup	<i>percent</i>	79.8			76.6	2019	4
0.83	Adults who Visited a Dentist	<i>percent</i>	53		51.6	52.9	2021	8
0.75	Adults without Health Insurance	<i>percent</i>	11.3			13	2019	4
0.75	Primary Care Provider Rate	<i>providers/ 100,000 population</i>	98		76.7		2018	9
0.67	Dentist Rate	<i>dentists/ 100,000 population</i>	64.1		64.2		2019	9
0.50	Non-Physician Primary Care Provider Rate	<i>providers/ 100,000 population</i>	116.5		108.9		2020	9
0.33	Mental Health Provider Rate	<i>providers/ 100,000 population</i>	292		261.3		2020	9
SCORE	HEART DISEASE & STROKE	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.81	Atrial Fibrillation: Medicare Population	<i>percent</i>	8.9		9	8.4	2018	6
1.81	Hyperlipidemia: Medicare Population	<i>percent</i>	49.9		49.4	47.7	2018	6
1.58	Adults who Experienced a Stroke	<i>percent</i>	3.8			3.4	2019	4
1.56	Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)	<i>deaths/ 100,000 population</i>	39.1	33.4	42.5	37.2	2017-2019	5
1.42	Adults who Experienced Coronary Heart Disease	<i>percent</i>	7			6.2	2019	4
1.42	Cholesterol Test History	<i>percent</i>	85.6			87.6	2019	4
1.42	Stroke: Medicare Population	<i>percent</i>	3.9		3.8	3.8	2018	6
1.33	High Blood Pressure Prevalence	<i>percent</i>	34.7	27.7		32.6	2019	4

1.25	Adults who Have Taken Medications for High Blood Pressure	<i>percent</i>	78.6			76.2	2019	4
1.17	Hypertension: Medicare Population	<i>percent</i>	57.3		59.5	57.2	2018	6
1.00	Age-Adjusted Death Rate due to Heart Attack	<i>deaths/ 100,000 population 35+ years</i>	47.2		55.4		2019	14
0.92	Heart Failure: Medicare Population	<i>percent</i>	14.1		14.7	14	2018	6
0.92	High Cholesterol Prevalence: Adults 18+	<i>percent</i>	30.4			33.6	2019	4
0.86	Ischemic Heart Disease: Medicare Population	<i>percent</i>	24.8		27.5	26.8	2018	6
0.78	Age-Adjusted Death Rate due to Coronary Heart Disease	<i>deaths/ 100,000 population</i>	85.5	71.1	101.4	90.5	2017-2019	5
SCORE	IMMUNIZATIONS & INFECTIOUS DISEASES	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.39	Chlamydia Incidence Rate	<i>cases/ 100,000 population</i>	640.8		561.9	551	2019	16
2.22	Tuberculosis Incidence Rate	<i>cases/ 100,000 population</i>	2.2	1.4	1.1		2020	16
2.08	Gonorrhea Incidence Rate	<i>cases/ 100,000 population</i>	241.2		224	187.8	2019	16
1.56	Salmonella Infection Incidence Rate	<i>cases/ 100,000 population</i>	12.5	11.1	12.9		2018	16
1.53	COVID-19 Daily Average Case-Fatality Rate	<i>deaths per 100 cases</i>	0.1		0	0.5	28-Jan-22	11
1.14	Overcrowded Households	<i>percent of households</i>	1		1.4		2015-2019	1

0.83	Adults who Agree Vaccine Benefits Outweigh Possible Risks	Percent	49.4		48.6	49.4	2021	8
0.58	Persons Fully Vaccinated Against COVID-19	percent	61.5				28-Jan-22	5
0.25	Age-Adjusted Death Rate due to Influenza and Pneumonia	deaths/ 100,000 population	12.4		14.4	13.8	2017-2019	5
0.08	COVID-19 Daily Average Incidence Rate	cases per 100,000 population	40		128.4	177.3	28-Jan-22	11
SCORE	MATERNAL, FETAL & INFANT HEALTH	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.67	Babies with Low Birth Weight	percent	9.4		8.5	8.2	2020	17
2.39	Babies with Very Low Birth Weight	percent	1.7		1.4	1.3	2020	17
1.97	Teen Birth Rate: 15-17	live births/ 1,000 females aged 15-17	8		6.8		2020	17
1.83	Consumer Expenditures: Childcare	average dollar amount per consumer unit	307		301.6	368.2	2021	7
1.50	Preterm Births	percent	9.9	9.4	10.3		2020	17
1.36	Mothers who Smoked During Pregnancy	percent	11.1	4.3	11.5	5.5	2020	17
1.08	Teen Pregnancy Rate	pregnancies/ 1,000 females aged 15-17	18.7		19.5		2016	17
1.00	Mothers who Received Early Prenatal Care	percent	71.7		68.9	76.1	2020	17
0.83	Infant Mortality Rate	deaths/ 1,000 live births	6	5	6.9		2019	17
SCORE	MEDICATIONS & PRESCRIPTIONS	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source

2.33	Consumer Expenditures: Medical Services	<i>average dollar amount per consumer unit</i>	1153.1		1098.6	1047.4	2021	7
2.17	Consumer Expenditures: Medical Supplies	<i>average dollar amount per consumer unit</i>	213.4		204.8	194.9	2021	7
2.17	Consumer Expenditures: Prescription and Non-Prescription Drugs	<i>average dollar amount per consumer unit</i>	664.9		638.9	609.6	2021	7
SCORE	MENTAL HEALTH & MENTAL DISORDERS	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.75	Depression: Medicare Population	<i>percent</i>	21.8		20.4	18.4	2018	6
2.58	Age-Adjusted Death Rate due to Alzheimer's Disease	<i>deaths/ 100,000 population</i>	41		34	30.5	2017-2019	5
2.17	Alzheimer's Disease or Dementia: Medicare Population	<i>percent</i>	11.3		10.4	10.8	2018	6
1.83	Poor Mental Health: Average Number of Days	<i>days</i>	4.8		4.8	4.1	2018	9
1.61	Age-Adjusted Death Rate due to Suicide	<i>deaths/ 100,000 population</i>	16.2	12.8	15.1	14.1	2017-2019	5
1.58	Poor Mental Health: 14+ Days	<i>percent</i>	15.4			13.6	2019	4
1.25	Adults Ever Diagnosed with Depression	<i>percent</i>	19.5			18.8	2019	4
0.83	Self-Reported General Health Assessment: Good or Better	<i>percent</i>	86.5		85.6	86.5	2021	8
0.33	Mental Health Provider Rate	<i>providers/ 100,000 population</i>	292		261.3		2020	9

SCORE	NUTRITION & HEALTHY EATING	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.17	Consumer Expenditures: High Sugar Foods	<i>average dollar amount per consumer unit</i>	531.5		519	530.2	<i>2021</i>	7
2.00	Consumer Expenditures: Fast Food Restaurants	<i>average dollar amount per consumer unit</i>	1508.4		1461	1638.9	<i>2021</i>	7
1.83	Consumer Expenditures: High Sugar Beverages	<i>average dollar amount per consumer unit</i>	324		319.7	357	<i>2021</i>	7
1.50	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	<i>Percent</i>	41.2		41.5	41.2	<i>2021</i>	8
1.50	Consumer Expenditures: Fruits and Vegetables	<i>average dollar amount per consumer unit</i>	885.9		864.6	1002.1	<i>2021</i>	7
1.00	Adult Sugar-Sweetened Beverage Consumption: Past 7 Days	<i>percent</i>	80.6		80.9	80.4	<i>2021</i>	8
SCORE	OLDER ADULTS	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.75	Depression: Medicare Population	<i>percent</i>	21.8		20.4	18.4	<i>2018</i>	6
2.75	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	<i>percent</i>	37.7		36.1	33.5	<i>2018</i>	6
2.58	Age-Adjusted Death Rate due to Alzheimer's Disease	<i>deaths/ 100,000 population</i>	41		34	30.5	<i>2017-2019</i>	5
2.42	Cancer: Medicare Population	<i>percent</i>	8.5		8.4	8.4	<i>2018</i>	6
2.36	Asthma: Medicare Population	<i>percent</i>	5.8		4.8	5	<i>2018</i>	6
2.19	People 65+ Living Alone	<i>percent</i>	30.1		28.8	26.1	<i>2015-2019</i>	1

2.17	Alzheimer's Disease or Dementia: Medicare Population	<i>percent</i>	11.3		10.4	10.8	<i>2018</i>	6
2.14	Osteoporosis: Medicare Population	<i>percent</i>	6.6		6.2	6.6	<i>2018</i>	6
1.92	Chronic Kidney Disease: Medicare Population	<i>percent</i>	24.7		25.3	24.5	<i>2018</i>	6
1.83	Colon Cancer Screening	<i>percent</i>	62.2	74.4		66.4	<i>2018</i>	4
1.83	People 65+ with Low Access to a Grocery Store	<i>percent</i>	4.3				<i>2015</i>	23
1.81	Atrial Fibrillation: Medicare Population	<i>percent</i>	8.9		9	8.4	<i>2018</i>	6
1.81	Hyperlipidemia: Medicare Population	<i>percent</i>	49.9		49.4	47.7	<i>2018</i>	6
1.58	Adults with Arthritis	<i>percent</i>	29.8			25.1	<i>2019</i>	4
1.47	COPD: Medicare Population	<i>percent</i>	12.4		13.2	11.5	<i>2018</i>	6
1.42	Stroke: Medicare Population	<i>percent</i>	3.9		3.8	3.8	<i>2018</i>	6
1.25	Adults 65+ who Received Recommended Preventive Services: Males	<i>percent</i>	33.7			32.4	<i>2018</i>	4
1.25	Adults 65+ with Total Tooth Loss	<i>percent</i>	14.8			13.5	<i>2018</i>	4
1.17	Consumer Expenditures: Eldercare	<i>average dollar amount per consumer unit</i>	21.1		20.5	34.3	<i>2021</i>	7
1.17	Hypertension: Medicare Population	<i>percent</i>	57.3		59.5	57.2	<i>2018</i>	6
0.97	People 65+ Living Below Poverty Level	<i>percent</i>	7.1		8.1	9.3	<i>2015-2019</i>	1
0.92	Heart Failure: Medicare Population	<i>percent</i>	14.1		14.7	14	<i>2018</i>	6

0.86	Diabetes: Medicare Population	<i>percent</i>	25.1		27.2	27	2018	6
0.86	Ischemic Heart Disease: Medicare Population	<i>percent</i>	24.8		27.5	26.8	2018	6
0.75	Adults 65+ who Received Recommended Preventive Services: Females	<i>percent</i>	35.4			28.4	2018	4
0.08	Age-Adjusted Death Rate due to Falls	<i>deaths/ 100,000 population</i>	6.9		10.5	9.5	2017-2019	5
SCORE	ORAL HEALTH	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.25	Adults 65+ with Total Tooth Loss	<i>percent</i>	14.8			13.5	2018	4
0.83	Adults who Visited a Dentist	<i>percent</i>	53		51.6	52.9	2021	8
0.69	Oral Cavity and Pharynx Cancer Incidence Rate	<i>cases/ 100,000 population</i>	11		12.2	11.9	2014-2018	12
0.67	Dentist Rate	<i>dentists/ 100,000 population</i>	64.1		64.2		2019	9
SCORE	OTHER CONDITIONS	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.75	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	<i>percent</i>	37.7		36.1	33.5	2018	6
2.14	Osteoporosis: Medicare Population	<i>percent</i>	6.6		6.2	6.6	2018	6
1.92	Chronic Kidney Disease: Medicare Population	<i>percent</i>	24.7		25.3	24.5	2018	6
1.58	Adults with Arthritis	<i>percent</i>	29.8			25.1	2019	4

1.42	Adults with Kidney Disease	<i>Percent of adults</i>	3.2			3.1	2019	4
1.14	Age-Adjusted Death Rate due to Kidney Disease	<i>deaths/ 100,000 population</i>	12.4		14.5	12.9	2017-2019	5
SCORE	PHYSICAL ACTIVITY	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.31	Workers who Walk to Work	<i>percent</i>	1.4		2.2	2.7	2015-2019	1
2.00	Children with Low Access to a Grocery Store	<i>percent</i>	7.2				2015	23
1.83	People 65+ with Low Access to a Grocery Store	<i>percent</i>	4.3				2015	23
1.72	Adults 20+ who are Obese	<i>percent</i>	32.2	36			2019	5
1.69	Fast Food Restaurant Density	<i>restaurants/ 1,000 population</i>	0.8				2016	23
1.67	Grocery Store Density	<i>stores/ 1,000 population</i>	0.2				2016	23
1.67	Low-Income and Low Access to a Grocery Store	<i>percent</i>	7.7				2015	23
1.53	SNAP Certified Stores	<i>stores/ 1,000 population</i>	0.8				2017	23
1.50	WIC Certified Stores	<i>stores/ 1,000 population</i>	0.1				2016	23
1.42	Health Behaviors Ranking	<i>ranking</i>	27				2021	9
1.36	Adults 20+ who are Sedentary	<i>percent</i>	24.7				2019	5
1.36	Food Environment Index	<i>index</i>	7.5		6.8	7.8	2021	9
1.33	Farmers Market Density	<i>markets/ 1,000 population</i>	0				2018	23
1.17	Recreation and Fitness Facilities	<i>facilities/ 1,000 population</i>	0.1				2016	23

1.00	Adult Sugar-Sweetened Beverage Consumption: Past 7 Days	<i>percent</i>	80.6		80.9	80.4	2021	8
1.00	Households with No Car and Low Access to a Grocery Store	<i>percent</i>	1.6				2015	23
0.50	Access to Exercise Opportunities	<i>percent</i>	94.1		83.9	84	2020	9
SCORE	PREVENTION & SAFETY	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.00	Age-Adjusted Death Rate due to Unintentional Poisonings	<i>deaths/ 100,000 population</i>	38.7		40.2	21.4	2017-2019	5
1.86	Death Rate due to Drug Poisoning	<i>deaths/ 100,000 population</i>	36.7		38.1	21	2017-2019	9
1.44	Age-Adjusted Death Rate due to Unintentional Injuries	<i>deaths/ 100,000 population</i>	59.6	43.2	68.8	48.9	2017-2019	5
1.08	Severe Housing Problems	<i>percent</i>	13.6		13.7	18	2013-2017	9
1.00	Age-Adjusted Death Rate due to Motor Vehicle Collisions	<i>deaths/ 100,000 population</i>	1.4		2.8	2.5	2015-2019	5
0.08	Age-Adjusted Death Rate due to Falls	<i>deaths/ 100,000 population</i>	6.9		10.5	9.5	2017-2019	5
SCORE	RESPIRATORY DISEASES	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.36	Asthma: Medicare Population	<i>percent</i>	5.8		4.8	5	2018	6
2.22	Tuberculosis Incidence Rate	<i>cases/ 100,000 population</i>	2.2	1.4	1.1		2020	16
1.92	Adults who Smoke	<i>percent</i>	23.3	5	21.4	17	2018	9

1.92	Adults with Current Asthma	<i>percent</i>	10.3			8.9	<i>2019</i>	4
1.83	Consumer Expenditures: Tobacco and Legal Marijuana	<i>average dollar amount per consumer unit</i>	483.4		487.9	422.4	<i>2021</i>	7
1.58	Adults with COPD	<i>Percent of adults</i>	8.9			6.6	<i>2019</i>	4
1.53	COVID-19 Daily Average Case-Fatality Rate	<i>deaths per 100 cases</i>	0.1		0	0.5	<i>28-Jan-22</i>	11
1.47	COPD: Medicare Population	<i>percent</i>	12.4		13.2	11.5	<i>2018</i>	6
1.36	Age-Adjusted Death Rate due to Chronic Lower Respiratory Diseases	<i>deaths/ 100,000 population</i>	44.8		47.8	39.6	<i>2017-2019</i>	5
1.28	Age-Adjusted Death Rate due to Lung Cancer	<i>deaths/ 100,000 population</i>	41	25.1	45	36.7	<i>2015-2019</i>	12
1.19	Lung and Bronchus Cancer Incidence Rate	<i>cases/ 100,000 population</i>	62.4		67.3	57.3	<i>2014-2018</i>	12
1.00	Adults Who Used Electronic Cigarettes: Past 30 Days	<i>percent</i>	4.1		4.3	4.1	<i>2021</i>	8
0.67	Adults Who Used Smokeless Tobacco: Past 30 Days	<i>percent</i>	2		2.2	2	<i>2021</i>	8
0.25	Age-Adjusted Death Rate due to Influenza and Pneumonia	<i>deaths/ 100,000 population</i>	12.4		14.4	13.8	<i>2017-2019</i>	5
0.08	COVID-19 Daily Average Incidence Rate	<i>cases per 100,000 population</i>	40		128.4	177.3	<i>28-Jan-22</i>	11
SCORE	TOBACCO USE	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
1.92	Adults who Smoke	<i>percent</i>	23.3	5	21.4	17	<i>2018</i>	9

1.83	Consumer Expenditures: Tobacco and Legal Marijuana	<i>average dollar amount per consumer unit</i>	483.4		487.9	422.4	2021	7
1.00	Adults Who Used Electronic Cigarettes: Past 30 Days	<i>percent</i>	4.1		4.3	4.1	2021	8
0.67	Adults Who Used Smokeless Tobacco: Past 30 Days	<i>percent</i>	2		2.2	2	2021	8
SCORE	WELLNESS & LIFESTYLE	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.00	Consumer Expenditures: Fast Food Restaurants	<i>average dollar amount per consumer unit</i>	1508.4		1461	1638.9	2021	7
1.58	Insufficient Sleep	<i>percent</i>	38.6	31.4	40.6	35	2018	9
1.58	Morbidity Ranking	<i>ranking</i>	47				2021	9
1.50	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	<i>Percent</i>	41.2		41.5	41.2	2021	8
1.50	Life Expectancy	<i>years</i>	77.2		77	79.2	2017-2019	9
1.42	Poor Physical Health: 14+ Days	<i>percent</i>	14.2			12.5	2019	4
1.33	High Blood Pressure Prevalence	<i>percent</i>	34.7	27.7		32.6	2019	4
1.25	Self-Reported General Health Assessment: Poor or Fair	<i>percent</i>	20.1			18.6	2019	4
1.17	Poor Physical Health: Average Number of Days	<i>days</i>	3.9		4.1	3.7	2018	9
1.00	Adult Sugar-Sweetened Beverage Consumption: Past 7 Days	<i>percent</i>	80.6		80.9	80.4	2021	8

0.83	Adults who Agree Vaccine Benefits Outweigh Possible Risks	<i>Percent</i>	49.4		48.6	49.4	<i>2021</i>	8
0.83	Self-Reported General Health Assessment: Good or Better	<i>percent</i>	86.5		85.6	86.5	<i>2021</i>	8
SCORE	WOMEN'S HEALTH	UNITS	SUMMIT COUNTY	HP2030	Ohio	U.S.	MEASUREMENT PERIOD	Source
2.58	Breast Cancer Incidence Rate	<i>cases/ 100,000 females</i>	136.3		129.6	126.8	<i>2014-2018</i>	12
2.22	Age-Adjusted Death Rate due to Breast Cancer	<i>deaths/ 100,000 females</i>	22.8	15.3	21.6	19.9	<i>2015-2019</i>	12
1.61	Mammogram in Past 2 Years: 50-74	<i>percent</i>	71.3	77.1		74.8	<i>2018</i>	4
0.89	Cervical Cancer Screening: 21-65	<i>Percent</i>	85.5	84.3		84.7	<i>2018</i>	4
0.61	Cervical Cancer Incidence Rate	<i>cases/ 100,000 females</i>	5		7.9	7.7	<i>2014-2018</i>	12

Summit County Data Sources

Key	Data Source Name
1	American Community Survey
2	American Lung Association
3	Annie E. Casey Foundation
4	CDC - PLACES
5	Centers for Disease Control and Prevention
6	Centers for Medicare & Medicaid Services
7	Claritas Consumer Buying Power
8	Claritas Consumer Profiles
9	County Health Rankings
10	Feeding America
11	Healthy Communities Institute
12	National Cancer Institute
13	National Center for Education Statistics
14	National Environmental Public Health Tracking Network
15	Ohio Department of Education
16	Ohio Department of Health, Infectious Diseases
17	Ohio Department of Health, Vital Statistics
18	Ohio Department of Public Safety, Office of Criminal Justice Services
19	Ohio Public Health Information Warehouse
20	Ohio Secretary of State
21	U.S. Bureau of Labor Statistics
22	U.S. Census - County Business Patterns
23	U.S. Department of Agriculture - Food Environment Atlas
24	U.S. Environmental Protection Agency
25	United For ALICE

Appendix D: Community Input Assessment Tools

CCF identified key community stakeholders to provide vital perspectives and context around important community health issues. CCF and HCI worked to develop a questionnaire to determine what a community needs to be healthy, what barriers to health exist in the community, how COVID-19 has impacted health in the community and how the challenges identified might be addressed in the future. Below is the complete Key Stakeholder Interview Guide:

WELCOME: Cleveland Clinic *{hospital name}* is in the process of conducting our 2022 comprehensive Community Health Needs Assessment (CHNA) to understand and plan for the current and future health needs of our community. You have been invited to take part in this interview because of your experience working *{at organization}* in the community. During this interview, we will ask a series of questions related to health issues in your community. Our ultimate goal is to gain various perspectives on the major issues affecting the population that your organizations serves and how to improve health in your community. We hope to get through as many questions as possible and hear your perspective as much as time allows.

TRANSCRIPTION: For today's call we are using the transcription feature in MS Teams. This feature produces a live transcript and makes meetings more inclusive for those who are deaf, hard of hearing, or have different levels of language proficiency. Our primary purpose for using this feature is to assist with note taking.

CONFIDENTIALITY: For this conversation, I will invite you to share as much or little as you feel comfortable sharing. The results of this assessment will be made available to the public. Although we will take notes on your responses, your name will not be associated with any direct quotes. Your identity will be kept confidential, so please share your honest opinions.

FORMAT: We anticipate that this conversation will last ~45 minutes to an hour.

Section #1: Introduction

- What community, or geographic area, does your organization serve (or represent)?
 - How does your organization serve the community?

Section #2: Community Health and Well-being

- From your perspective, what does a community need to be healthy?

- What do you believe are the 2-3 most important issues that must be addressed to improve health and quality of life in your community?

Section #3: Barriers to Health

- What health disparities appear most prevalent in your community?
- What are the barriers or challenges to improving health in the community?
 - What makes some people healthy in the community while others experience poor health?
 - What particular parts of the community or geographic areas that are underserved or under-resourced?
 - What services are most difficult to access?
- What could be done to promote health equity?

Section #4: COVID-19

- How has COVID-19 impacted health in your community?
 - What were the most significant health concerns prior to the pandemic vs now?
 - What populations have been most affected by COVID-19?
- How has COVID-19 impacted access to care in the community?
 - What about access to mental health or substance use treatment in the community?
 - What about emergency and preventative care services?

Section #5: Addressing the Challenges & Solutions

- What are some possible solutions to the problems that we have discussed?
 - How can organizations such as hospitals, health departments, government, and community-based organizations work together to address some of the problems that have been mentioned?
- How can we make sure that community voices are heard when decisions are made that affect their community?
 - What would be the best way to communicate with community members about progress organizations are making to improve health and quality of life?
- What resources does your community have that can be used to improve community health?

Section #6: Conclusion

- Is there anything else that you think would be important for us to know as we conduct this community health needs assessment?

CLOSURE SCRIPT: Thank you again for taking time out of your busy day to share your experiences with us. We will include the key themes from today's discussion in our assessment. Please remember, your name will not be connected to any of the comments you made today. Please let us know if you have any questions or concerns about this.

Appendix E: Community Partners and Resources

This section identifies other facilities and resources available in the community served by Hillcrest Hospital that are available to address community health needs.

Federally Qualified Health Centers

Ohio's Association of Community Health Centers (OACHC) is a not-for-profit membership association representing Federally Qualified Health Centers (FQHCs).²⁸ FQHCs are established to promote access to ambulatory care in areas designated as medically underserved. These clinics provide primary care, mental health, and dental services for lower-income members of the community. FQHCs receive enhanced reimbursement for Medicaid and Medicare services and most also receive federal grant funds under Section 330 of the Public Health Service Act. OACHC represents Ohio's 57 Community Health Centers at 400 locations, including multiple mobile units. The following FQHC clinics and networks operate in the Hillcrest Hospital Community:

- Asian Services in Action, Inc.
- Axesspointe Community Health Center, Inc.
- Care Alliance
- Community Support Services, Inc.
- Health Source of Ohio
- MetroHealth Community Health Centers (MHCHC)
- Neighborhood Family Practice
- Northeast Ohio Neighborhood Health Services²⁹
- Signature Health, Inc.
- The Centers

Hospitals

In addition to several Cleveland Clinic hospitals in Northeast Ohio, the following is a list of other hospital facilities located in the Hillcrest Hospital Community:

²⁸ Ohio Association of Community Health Centers, <https://www.ohiochc.org/page/178>

²⁹ Data search August 15, 2022

- Akron Children's Hospital
- Crystal Clinic Orthopaedic Center
- Grace Hospital
- MetroHealth Medical Centers (Multiple Locations)
- Select Specialty Hospital- Akron
- St. Vincent Charity Medical Center
- Summa Health System – Akron Campus
- University Hospitals (Multiple Locations)
- Western Reserve Hospital

Other Community Resources

A wide range of agencies, coalitions, and organizations that provide health and social services is available in the region served by Hillcrest. United Way 2-1-1 Ohio maintains a large, online database to help refer individuals in need to health and human services in Ohio. This is a service of the Ohio Department of Social Services and is provided in partnership with the Council of Community Services, The Planning Council, and United Way chapters in Cleveland. United Way 2-1-1 Ohio contains information on organizations and resources in the following categories:

- Donations and Volunteering
- Education, Recreation, and the Arts
- Employment and Income Support
- Family Support and Parenting
- Food, Clothing, and Household Items
- Health Care
- Housing and Utilities
- Legal Services and Financial Management
- Mental Health and Counseling
- Municipal and Community Services
- Substance Abuse and Other Addictions

Additional information about these resources is available at: <http://www.211oh.org/>

Appendix F: Acknowledgements

Conduent Healthy Communities Institute (HCI) supported report preparation. HCI works with clients across the nation to drive community health outcomes by assessing needs, developing focused strategies, identifying appropriate intervention programs, establishing monitoring systems, and implementing performance evaluation processes. To learn more about Conduent HCI, please visit www.conduent.com/community-population-health.

HCI Authors for this report are listed below:

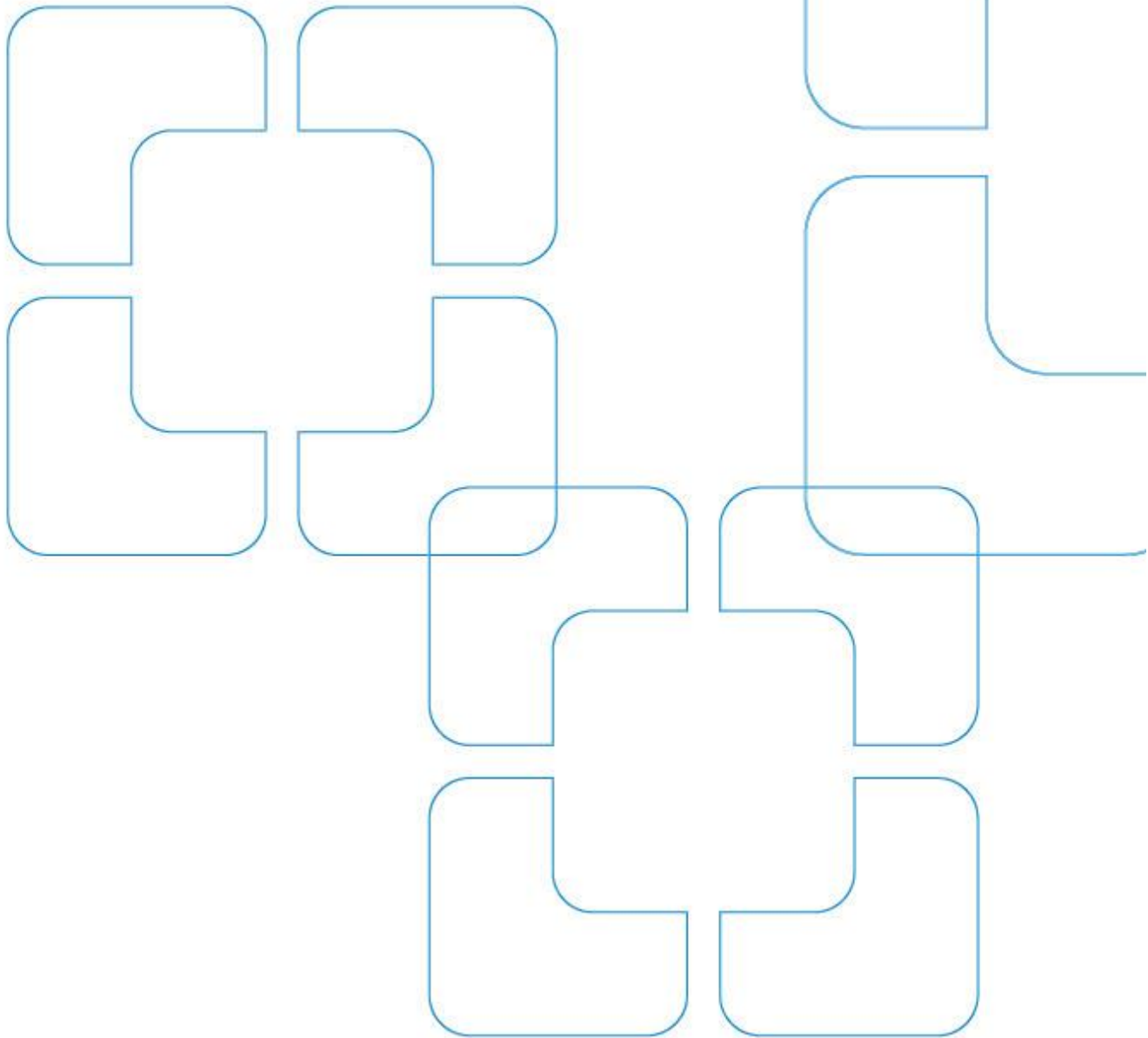
Sharri Morley, MPH, Public Health Consultant
Era Chaudry, MPH, MBA, Public Health Senior Analyst
Gautami Shikhare, MPH, Community Data Analyst II
Margaret Mysz, MPH, Community Data Analyst II
Dari Goldman, MPH, Public Health Analyst
Olivia Dunn, Community Data Analyst II
Garry Jacinto, Community Data Analyst



Cleveland Clinic
Hillcrest Hospital

Implementation Strategy Report

2022



HILLCREST HOSPITAL 2022 IMPLEMENTATION STRATEGY REPORT
2022 Community Health Needs Assessment
Implementation Strategy Report for Years 2023 – 2025

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HILLCREST HOSPITAL 2022 IMPLEMENTATION STRATEGY REPORT

I. INTRODUCTION AND PURPOSE

This written plan is intended to satisfy the requirements set forth in the Internal Revenue Code Section 501(r)(3) regarding community health needs assessments and implementation strategies. The overall purpose of the Implementation Strategy is to align the hospital's limited resources, program services, and activities with the findings of the 2022 Hillcrest Hospital Community Health Needs Assessment ("CHNA"). The Implementation Strategy Report (ISR) includes the priority community health needs identified during the 2022 CHNA and hospital-specific strategies to address those needs from 2023 through 2025.

A. Description of Hospital

Hillcrest Hospital has been nationally recognized 11 times as one of America's 100 Top Hospitals®, a designation based on extensive research of U.S. hospitals, as conducted by Thomson Reuters. As a Cleveland Clinic Hospital, Hillcrest facility is linked to one of the most respected healthcare organizations in the world. With 463 staffed³⁰ hospital beds, renovations, and expansion in the past several years have provided easier, faster access to healthcare, including: expanded Adult and Pediatric Emergency Departments, 103 new beds, 72 private rooms, a family maternity center, and Level III Neonatology Unit, Cleveland Clinic Neurological Institute, comprehensive cardiac services, and comprehensive cancer care.

Additional information on the hospital and its services is available at:

http://my.clevelandclinic.org/locations_directions/RegionalLocations/Hillcresthospital

The hospital is part of the Cleveland Clinic health system, which includes an academic medical center near downtown Cleveland, fourteen regional hospitals in northeast Ohio, a children's hospital, a children's rehabilitation hospital, five southeast Florida hospitals, and several other facilities and services across Ohio, Florida, and Nevada. Additional information about Cleveland Clinic is available at <https://my.clevelandclinic.org/>.

Hillcrest Hospital's mission is:

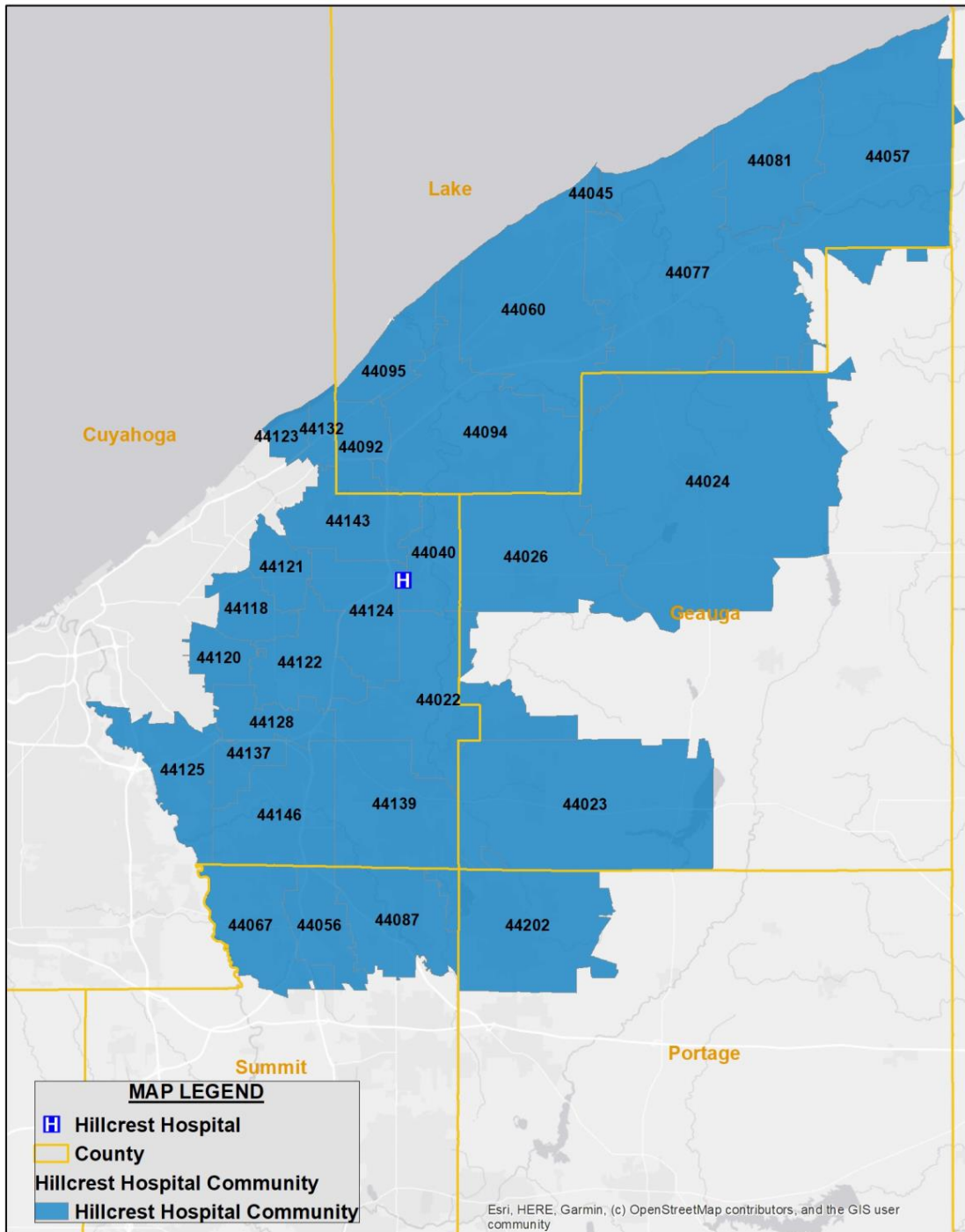
Caring for life, researching for health, and educating those who serve.

³⁰ For the purpose of this report and consistent methodology, the Cleveland Clinic MD&A (Q4-2022) interim financial statement is referenced for official bed count. We acknowledge that staffed bed count may fluctuate and may differ from registered or licensed bed counts reflected in other descriptions.

II. COMMUNITY DEFINITION

For purposes of this report, the Hillcrest Hospital community definition is an aggregate of 31 zip codes in Cuyahoga, Lake, Summit, Geauga, and Portage Counties, comprising approximately 75% of inpatient, outpatient, and emergency department visits in 2021 (Figure 1).

Figure 1: Hillcrest Hospital Community Definition



III. HOW IMPLEMENTATION STRATEGY WAS DEVELOPED

This Implementation Strategy was developed by members of leadership at Hillcrest Hospital and Cleveland Clinic, representing several departments of the organizations, including clinical administration, medical operations, nursing, finance, population health, and community relations. This team incorporated input from the hospital's community and local non-profit organizations to prioritize selected strategies and determine possible collaborations. Alignment with county Community Health Assessments (CHA) as well as the State Health Assessment (SHA), was also considered. Leadership at Hillcrest Hospital will utilize this Implementation Strategy to determine whether changes should be made to better address the health needs of its communities.

IV. SUMMARY OF THE COMMUNITY HEALTH NEEDS IDENTIFIED

Hillcrest Hospital's prioritized community health needs, as determined by analyses of quantitative and qualitative data, include:

- Access to Healthcare
- Behavioral Health
- Chronic Disease Prevention and Management
- Maternal and Child Health
- Socioeconomic Issues

In addition to the prioritized community health needs, themes of health equity, social determinants of health, and medical research and education are intertwined in all community health components and impact multiple areas of community health strategies and delivery. Cleveland Clinic is committed to promoting health equity and healthy behaviors in our communities. The hospital addresses these overarching themes through a variety of services and initiatives, including cross-sector health and economic improvement collaborations, local hiring for the hospital workforce, mentoring of community residents, in-kind donation of time and sponsorships, anchor institution commitment, and caregiver training for inclusion and diversity.

COVID-19 Considerations

The COVID-19 global pandemic declared in early 2020 has caused extraordinary challenges for healthcare systems across the world including Hillcrest Hospital. Keeping front-line workers and patients safe, securing protective equipment, developing testing protocols, and helping patients and families deal with the isolation needed to stop the spread of the virus all took priority as the pandemic took hold.

Many of the community benefit strategies noted in the previous 2019 implementation strategy were temporarily paused or adjusted to comply with current public health guidelines to ensure the health and safety of patients, staff, and other participants. Many of the strategies included in the 2023-2025 implementation strategy are a continuation or renewal of those that were paused during the pandemic as the community needs identified in the 2022 CHNA did not change greatly from those identified in the 2019 CHNA.

See the 2022 Hillcrest Hospital and other Cleveland Clinic CHNAs for more information:
www.clevelandclinic.org/CHNAREports

V. NEEDS HOSPITAL WILL ADDRESS

Each Cleveland Clinic hospital provides numerous services and programs in effort to address the health needs of the community. Implementation of our services focuses on addressing structural factors important for community health, strengthening trust with residents and stakeholders, ensuring community voice in developing strategies, and evaluating our strategies and programs.

Strategies within the ISRs are included according to the prioritized list of needs developed during the 2022 CHNA. These hospitals' community health initiatives combine Cleveland Clinic and local non-profit organizations' resources in unified efforts to improve health and health equity for our community members, especially low-income, underserved, and vulnerable populations.

A. Access to Healthcare

Access to Healthcare data analysis results describe community needs related to consumer expenditures for insurance, medical expenses, medicines, and other supplies. More expansive parameters include limitations to accessing healthcare described in terms of transportation challenges, resource limitations, and availability of primary care and other prevention services in local neighborhoods.

Cleveland Clinic continues to evaluate methods to improve patient access to care. All Cleveland Clinic hospitals will continue to provide medically necessary services to all patients regardless of race, color, creed, gender, country of national origin, or ability to pay. The financial assistance policy can be accessed here: [Cleveland Clinic Financial Assistance](#).

Access to Healthcare Initiatives for 2023-2025 include:

<i>Initiatives Including Collaborations and Resources Allocated</i>	<i>Anticipated Impacts</i>
<i>A</i> Patient Financial Advocates assist patients in evaluating eligibility for financial assistance or public health insurance programs.	Increase the proportion of eligible individuals who are enrolled in various assistance programs.
<i>B</i> Address digital equity, utilize medically secure online and mobile platforms, connect patients with Cleveland Clinic providers for telehealth and virtual visits.	Overcome geographical and transportation barriers, improve access to specialized care.

B. Behavioral Health

Hillcrest Hospital’s 2022 CHNA also identified Behavioral Health as a prioritized need area. Behavioral Health encompasses Mental Health and Substance Use Disorders. Mental Health includes suicide, depression, and self-reported poor mental health rates. Substance Use Disorder relates to alcohol and drug use, including drug overdoses. Community members described mental health challenges in the community, exacerbated by COVID-19 related stressors, resulting in increased alcohol and drug use starting in adolescence as a means of coping.

Behavioral Health Initiatives for 2023-2025 include:

<i>Initiatives Including Collaborations and Resources Allocated</i>	<i>Anticipated Impacts</i>
<p>A Continued collaboration in Northeast Ohio Hospital Opioid Consortium and Cuyahoga County Opioid Task Force in coordinated efforts to reduce the widespread effect of the heroin and opioid crisis in Northeast Ohio.</p>	<p>Reduce the number of individuals with heroin or opioid addiction and dependence.</p>
<p>B In partnership with Cleveland Clinic Behavioral Health, explore a school-based mental health program with Mayfield high school.</p>	<p>Increase awareness and services regarding adolescent mental health.</p>
<p>C In partnership with Cleveland Clinic Behavioral Health, will provide community mental health programs in local community centers with a focus on depression in older adults.</p>	<p>Increase awareness of mental health & resources available in the community. Promote positive mental health.</p>

C. Chronic Disease Prevention & Management

Hillcrest Hospital's CHNA identified chronic disease and other health conditions as prevalent in the community (ex. heart disease, stroke, diabetes, respiratory diseases, hypertension, obesity, cancer, COVID-19). Prevention and management of chronic disease initiatives seek to increase healthy behaviors in nutrition, physical activity, and tobacco cessation.

Chronic Disease Prevention & Management Initiatives for 2023-2025 include:

<i>Initiatives Including Collaborations and Resources Allocated</i>	<i>Anticipated Impacts</i>
<p>A Implement health promotion, health education, support groups, and outreach events related to heart disease and stroke, cancer, respiratory disease, women's health, and obesity, therefore reducing behavioral risk factors.</p>	<p>Decrease smoking, improve physical activity, improve nutrition, increase the number of individuals with a regular source of care, increase cancer screening rates, improve screening follow-up rates.</p>
<p>B Identify clinicians to provide community health education programs on topics of stroke & early heart attack care to include hands-only CPR demonstrations & education on the use of AEDs.</p>	<p>Improve chronic disease self-management, and provide education on lifesaving emergency techniques.</p>
<p>C In collaboration with Hillcrest Cancer Center, will continue to provide a school-based Teen Cancer Program at Mayfield High School to include breast & testicular cancer prevention education & add education on vaping to the curriculum.</p>	<p>Increase awareness of cancer prevention & provide education on the detrimental impacts of vaping.</p>
<p>In collaboration with Hillcrest Cancer Center and Willoughby Hills Family Health Center, host a Community Mammogram Screening Clinic to provide free screenings to uninsured women.</p>	<p>Increase cancer screening rates, improve early detection rates & provide financial support to uninsured women in need of a mammogram</p>

D. Maternal & Child Health

Hillcrest Hospital's 2022 CHNA continued to identify Maternal and Child Health as a prioritized health need in the community. Secondary data indicators include a range of children's health needs from babies with low birth weight to consumer expenditures on childcare. Primary data describes disparities among low-income and ethnic minority populations and link access to healthcare with prenatal care. Infant mortality rates at the local, state, and national levels have been particularly high for Black infants.

Maternal and Child Health Initiatives for 2023-2025 include:

<i>Initiatives Including Collaborations and Resources Allocated</i>	<i>Anticipated Impacts</i>
<p>A Through the Cleveland Clinic enterprise, continue participation in First Year Cleveland, the Cuyahoga County Infant Mortality Task Force to gather data, align programs, and coordinate a systemic approach to improving infant mortality.</p>	<p>Reduce infant mortality inequity, improve the preterm birth rate, decrease sleep-related infant deaths.</p>
<p>B Will continue to support the enterprise <i>Centering Pregnancy</i> group prenatal care model to expecting mothers by providing lactation consultants to provide education on breastfeeding.</p>	<p>Improve the preterm birth rate, increase pregnancy spacing, reduce preterm birth inequity.</p>
<p>C Host a Community Baby Shower to provide pregnancy-related health information to mothers/families in specific high-risk geographical areas and encourage enrollment in supportive evidence-based programs.</p>	<p>Improve the number of mothers who receive adequate prenatal care & essential education on SAFE Sleep protocol, breastfeeding & importance of well visits for infants.</p>
<p>D In partnership with <i>Help Me Grow</i>, provide clinicians to offer education and resources at community events for high risk mothers</p>	<p>Reduce infant mortality by providing essential information on caring for their newborn.</p>
<p>E Through funding support, Social Workers will identify at-risk families to provide Safe Sleep cribs and/or approved car seats.</p>	<p>Reduce infant mortality, and increase safety by providing necessary equipment.</p>

E. Socioeconomic Issues

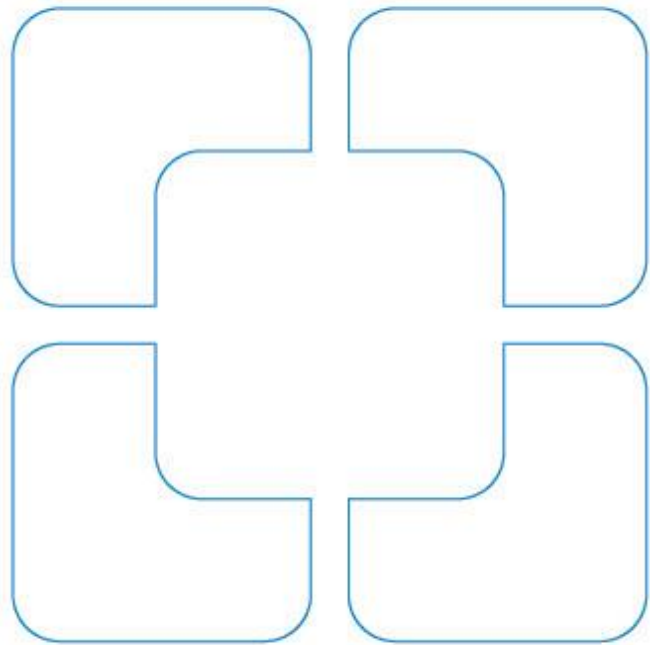
Hillcrest Hospital’s 2022 CHNA demonstrated that health needs are multifaceted, involving medical as well as socioeconomic concerns. The assessment identified food security, affordable housing, employment, transportation, health literacy, structural racism, poverty, and environmental risk factors as significant concerns. Further, the primary and secondary impacts of COVID-19 have exacerbated many health disparities and barriers that were present before the pandemic. Socioeconomic Issues for this report are defined as a subset of social determinants of health (SDOH). Prevention & Safety, Affordable Housing, Violence, Falls, and Environmental Issues were prioritized socioeconomic issues described by primary and secondary data.

The Socioeconomic Initiatives highlighted for 2023 – 2025 include:

<i>Initiatives Including Collaborations and Resources Allocated</i>	<i>Anticipated Impacts</i>
<p><i>A</i> Continue a Cleveland Clinic common community referral data platform to coordinate services and ensure optimal communication.</p>	<p>Improve active referrals to community-based organizations, non-profits, and other healthcare facilities; track referral outcomes.</p>
<p><i>B</i> Continue Cleveland Clinic patient navigation programming using Community Health Workers and/or the co-location of community organizations with hospital facilities.</p>	<p>Ensure connection to medical, social, and behavioral services; Improve health equity.</p>
<p><i>C</i> Partner with community-based organizations to improve equitable access to healthy foods.</p>	<p>Improve self-efficacy associated with healthy eating, improving nutrition.</p>
<p><i>D</i> Explore a workforce pipeline program with students in the Mayfield Schools.</p>	<p>Increase diversity within the healthcare workforce, expand local hiring options.</p>

While this ISR outlines specific strategies and programs identified to address the 2022 CHNA prioritized areas of Access to Healthcare, Behavioral Health, Chronic Disease Prevention and Management, Maternal and Child Health, and Socioeconomic Issues, it does not reflect all the work being done by Hillcrest Hospital to improve community health. Through this iterative process, opportunities are identified to grow and expand existing work in prioritized areas as well as implement additional programming in new areas. These ongoing strategic conversations will allow Hillcrest Hospital to build stronger community collaborations and make smarter, more targeted investments to improve the health of the people in the communities they serve.

For more information regarding Cleveland Clinic Community Health Needs Assessments and Implementations Strategy Reports, please visit www.clevelandclinic.org/CHNARReports or contact CHNA@ccf.org.



clevelandclinic.org/CHNAreports