Cleveland Clinic
Hillcrest Hospital

Community Health Needs Assessment

2025



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Hillcrest Hospital 2025 Community Health Needs Assessment

Introduction

Hillcrest Hospital, a member of the Cleveland Clinic health system, is a 474 bed[1] acute care hospital in Mayfield, Ohio. For more than five decades, the hospital has been at the forefront of healthcare innovation in Greater Cleveland, introducing pioneering services such as pre admission testing, same day surgery, and specialized neonatal care. Hillcrest offers a comprehensive continuum of care, including advanced emergency services, surgical care, and extensive outpatient programs. Notable specialty areas include the Hirsch Cancer Center, the Lozick Cancer Pavilion, the Helen and Ronald Ross Community and Education Center, and a Level III Neonatal Intensive Care Unit.

As part of the broader Cleveland Clinic health system, Hillcrest Hospital upholds the tripartite mission of clinical care, research, and education. Cleveland Clinic is a nonprofit, multispecialty academic medical center that integrates hospital-based services with innovative research and the training of future healthcare professionals. Currently, with more than 82,000 caregivers, 23 hospitals, and 280 outpatient facilities around the world, Cleveland Clinic is recognized as one of the world's leading healthcare systems. Its collaborative, patient-centered model of care promotes improved outcomes and enhances quality of life for patients both locally and internationally.

The Cleveland Clinic health system includes its flagship academic medical center near downtown Cleveland, fifteen regional hospitals in Northeast Ohio, a children's hospital and children's rehabilitation hospital, and additional hospitals and facilities in Florida and Nevada. Each hospital, including Hillcrest, contributes to the system-wide advancement of clinical research and medical innovation. Patients at Hillcrest Hospital benefit from access to novel treatments, clinical trials, and evidence-based practices developed and shared across the Cleveland Clinic network.

Hillcrest Hospital also plays a vital role within its immediate neighborhood, advancing the Cleveland Clinic's mission of improving community health. The hospital actively supports programs, partnerships, and services that address local health needs and promote equal access to care. It has received national recognition for excellence in patient safety and care quality, and remains committed to treating every patient with kindness, dignity, and respect.

The Cleveland Clinic's legacy as a pioneering institution began in 1921 as a multispecialty group practice, and it continues to lead through medical firsts, global expansion, and a commitment to community health. Today, Hillcrest Hospital exemplifies this vision by delivering high-quality care, supporting health-focused research, and fostering community partnerships that help address both medical and social drivers of health.

[1] For the purpose of this report and consistent methodology, the Cleveland Clinic MD&A (Q3 2025) 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.

Hillcrest Hospital is a trusted part of the community and continues to grow and improve to meet the needs of its patients. To learn more, visit: my.clevelandclinic.org/locations/hillcrest-hospital.

CHNA Background

As part of its mission to improve health and well-being in the communities it serves, Hillcrest Hospital led a Community Health Needs Assessment (CHNA) process to better understand the most important health issues facing residents. The Patient Protection and Affordable Care Act, enacted on March 23, 2010, requires not-for profit hospital organizations to conduct a CHNA once every three taxable years that meets the requirements of the Internal Revenue Code 501(r). Cleveland Clinic engaged Conduent Healthy Communities Institute (HCI) to guide the 2025 CHNA process using national, state, and local secondary data as well as qualitative community feedback.

Hillcrest Hospital Community Definition

The community definition describes the zip codes where approximately 75% of Hillcrest Hospital Emergency Department discharges originated in 2023. Figure 1 shows the specific geography for the Hillcrest Hospital community that served as a guide for data collection and analysis for this CHNA. Table 1 lists zip codes and associated municipalities that comprise the community definition.

Figure 1: Hillcrest Hospital Community Definition

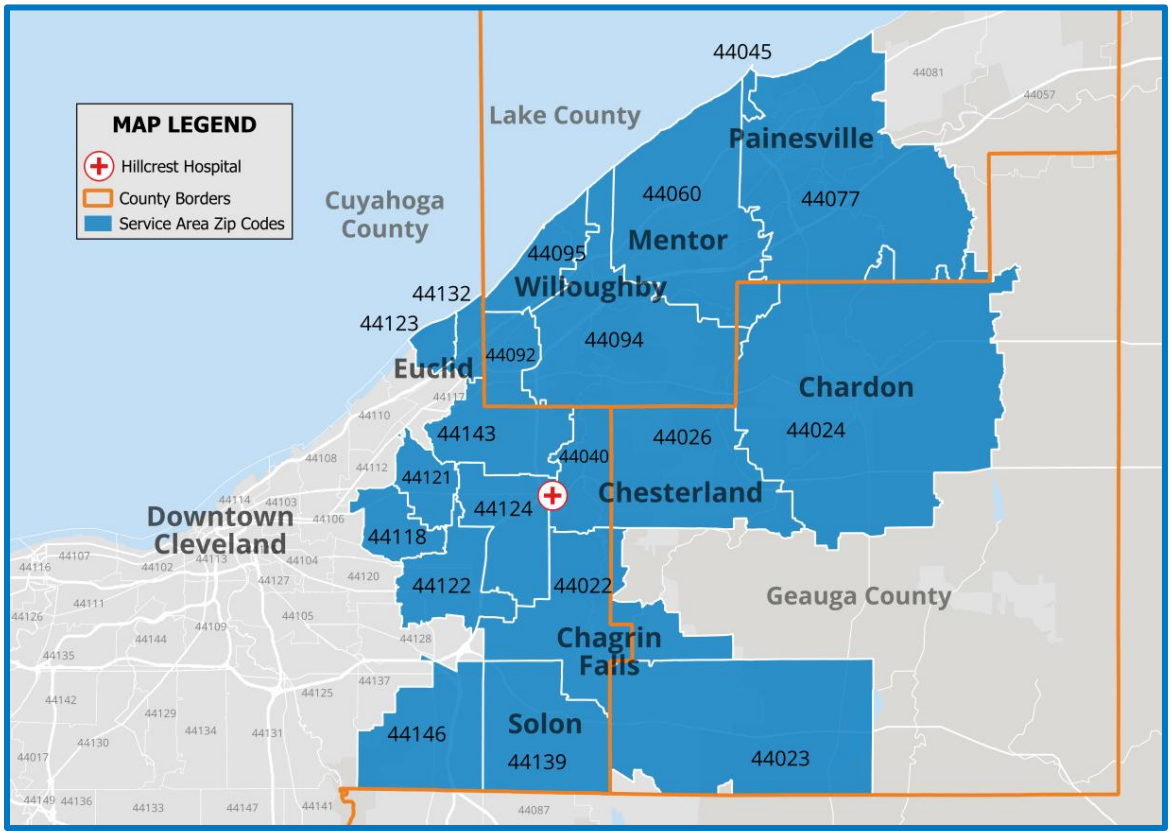


Table 1: Hillcrest Hospital Community Definition

Zip Code	Postal Name	Zip Code	Postal Name
44022	Chagrin Falls	44095	Eastlake
44023	Chagrin Falls	44118	Cleveland
44024	Chardon	44121	Cleveland
44026	Chesterland	44122	Cleveland
44040	Gates Mills	44123	Beachwood
44045	Grand River	44124	Cleveland
44060	Mentor	44132	Euclid
44077	Painesville	44139	Solon
44092	Wickliffe	44143	Cleveland
44094	Willoughby	44146	Bedford

Secondary Data Methodology and Key Findings

Secondary Data Scoring

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, health-related social needs, and quality of life. The data are primarily derived from state and national public secondary data sources such as the U.S. Census American Community Survey (ACS Survey), Centers for Disease Control & Prevention (CDC), Centers for Medicare & Medicaid Services (CMS), County Health Rankings, Feeding America, and the National Cancer Institute. These indicators were analyzed at both the county level and within a defined 20-zip-code Hillcrest Hospital community area. Data were compared to national benchmarks, state averages, and historical trends to identify areas of concern. The analysis reinforced five key health priorities, Access to Healthcare, Behavioral Health, Chronic Disease Prevention and Management, Maternal and Child Health, and Health-Related Social Needs, highlighting differences in outcomes by group.

Other Community Assessment and Improvement Plans

An environmental scan was conducted to supplement quantitative data and further contextualize health needs across the hospital's defined community. This scan involved a review of recent community health assessments, needs reports, and partner studies across healthcare, public health, and social service sectors. Findings from local efforts, including reports from the nonprofits, hospital systems, and regional health collaboratives, corroborated the relevance of the five prioritized needs prioritized in this 2025 CHNA process for Hillcrest Hospital.

Across communities, consistent themes emerged: cost barriers and provider shortages limit healthcare access; behavioral health treatment gaps remain significant; chronic disease management is challenged by food insecurity and inadequate recreational infrastructure; differences in maternal and child health outcomes persist among different communities; and health-related social needs, particularly poverty, housing insecurity, and gun violence, impact all other areas of health.

Primary Data Methodology and Key Findings

To ensure community priorities and lived experience were centered in this assessment, conversations with community stakeholders were conducted across the Hillcrest Hospital community. Community stakeholders from a total of 17 organizations provided feedback specifically for the Hillcrest Hospital community. Participants represented sectors including public health, mental health, housing, food access, child and family services, and grassroots organizations. Feedback consistently reinforced the five identified health priorities and revealed community-specific challenges affecting health outcomes, such as long wait times for pediatric care, gaps in behavioral health support, housing-related health risks, and challenges accessing culturally aware prenatal care. Economic hardship was described as a root cause affecting every other health domain. Stakeholders called for expanded prevention, investment in community infrastructure, and systems-level changes that address the underlying conditions shaping health across generations.

Summary

2025 Prioritized Health Needs

Hillcrest Hospital's 2025 Community Health Needs Assessment reaffirms its commitment to addressing five core health priorities based on a rigorous synthesis of primary data in the form of community stakeholder interviews, secondary indicators from national and state data sources, and a regional environmental scan. The following five prioritized health needs will help shape the hospital's Implementation Strategy Reports (ISR) for the subsequent three years:



These priorities reflect persistent and deeply interconnected challenges, such as provider shortages, care affordability, mental health access, chronic disease burden, and the health impacts of poverty and neighborhood conditions. Community input, coupled with data showing that the hospital's defined community continues to exceed state and national benchmarks in these areas, underscores the urgency of sustained, cross-sector efforts to address differences and improve health outcomes across different populations in the community served by Hillcrest Hospital.

The five prioritized community health needs identified in this 2025 Hillcrest Hospital CHNA are summarized below. Within each summary, pertinent information pertaining to

secondary data findings, primary data findings and relevant demographics, social drivers of health, and differences in health outcomes are highlighted. Full data details are included in the appendices section at the end of this report.

Prioritized Health Need #1: Access to Healthcare



Access to Healthcare continues to be a pressing challenge for the Hillcrest Hospital community, as reflected in feedback gathered during the 2025 CHNA. Participants frequently identified affordability, insurance coverage, and service availability as persistent challenges. Even when residents have insurance, gaps in coverage, high out of pocket costs, and limits on covered visits, particularly for chronic or behavioral health needs, often delay or prevent care. Stakeholders noted that navigating the healthcare system can be overwhelming, with patients struggling to identify appropriate providers, secure timely appointments, or afford necessary prescriptions and follow-up care. Transportation remains a recurring barrier, with existing ride programs often capped at a limited number of trips per year, which is insufficient for those requiring ongoing treatment.

Interviewees emphasized that access to healthcare is shaped not only by the availability of providers but also by the breadth and quality of services offered. The community benefits from a strong regional hospital network; however, differences persist in timely access, particularly for specialized and mental health care. A shortage of providers, especially in behavioral health, has resulted in longer wait times and reduced engagement with treatment. Stakeholders also highlighted the need for care models that are culturally responsive and better integrated with other community resources, ensuring patients can address both medical and social needs in a single, coordinated setting.

Overall, the feedback underscores that improving access to healthcare in the Hillcrest Hospital community requires addressing financial, logistical, and systemic barriers simultaneously. Strategies that expand affordable transportation, broaden insurance coverage, reduce wait times, and integrate care across disciplines were seen by stakeholders as essential to building a more balanced healthcare environment.

Enhancing patient navigation support and fostering trust between providers and the community were also viewed as key to increasing engagement in preventive and ongoing care

Data on Medicare recipients indicate especially high rates of hospital use for preventable issues in both Cuyahoga and Lake counties. In Lake County, specifically, this overreliance on hospital care may be driven by a low prevalence of primary care providers that has been in decline since 2015. Although Cuyahoga County has a high per capita rate of primary care providers, county residents are among the least likely across Ohio to visit the doctor regularly for checkups. Low rates of health insurance in both Cuyahoga and Geauga counties may also be a barrier to regular, preventive care.

Conduent HCI's Community Health Index (CHI) estimates health risk based on demographic and economic factors associated with preventable hospitalizations and poor health outcomes. These index values can help to identify areas where access to care is especially critical. In the Hillcrest Hospital community, the greatest areas of need are in the zip codes 44132 (Euclid) and 44123 (Beachwood), with index values of 66.2 and 55.6, respectively. Additional details including charts, maps, and additional findings from primary and secondary data for this health need can be found in the appendices section of this report.

Prioritized Health Need #2: Behavioral Health



In the 2025 CHNA for Hillcrest Hospital, Behavioral Health, encompassing both Mental Health and Substance Use Disorder, was again identified as a critical community priority. Participants cited persistent and growing mental health and substance use challenges affecting residents across all age groups. Many attributed the rise in behavioral health needs to the lasting impacts of the COVID-19 pandemic, including social isolation, heightened stress, and trauma, compounded by ongoing economic hardship. Stakeholders described behavioral health as closely interconnected with other

community conditions such as housing instability, poverty, and limited social support networks, creating a cycle that worsens overall health and wellbeing.

Access to behavioral health care remains a significant challenge. Participants pointed to a shortage of providers, long wait times for services, affordability concerns, and the lack of culturally responsive or linguistically appropriate care models. Stigma around seeking help was also identified as a deterrent, particularly for certain cultural groups and among older residents. Youth behavioral health was highlighted as an urgent area of need, with reports of increasing anxiety, depression, and substance use among adolescents, coupled with a lack of available and timely pediatric mental health services.

Stakeholders emphasized the importance of integrated, community-based approaches to care that reduce fragmentation and improve access for under resourced populations. Recommended strategies included expanding school based mental health services, increasing co-location of behavioral health with primary care, strengthening crisis intervention resources, and providing education to reduce stigma. Many stressed that long-term solutions would require cross-sector collaboration to address both clinical needs and broader conditions that contribute to behavioral health challenges.

Secondary data demonstrate that alcohol use is pronounced across Cuyahoga, Lake, and Geauga counties. The percentage of driving deaths that involve alcohol is particularly high in both Cuyahoga County (42.5%), as well as Lake County (50.0%) where this rate is trending significantly upward. Death rates related to drug and opioid overdose are also high in Cuyahoga County (39.2 per 100,000) and Lake County (39.4 per 100,000), compared to other U.S. counties. Notably, although these rates are among the highest quartile of U.S. counties, they are comparable to the Ohio state-wide rate of overdose deaths (40.4 per 100,000).

Geographic analysis using Conduent HCI's Mental Health Index (MHI), which assesses mental health risk based on local health-related social needs, demonstrate elevated mental health needs in Cuyahoga County, especially. The six highest zip code MHI values are all in Cuyahoga County, each with a score above 85, indicating especially high mental health needs compared to other U.S. zip codes.

Prioritized Health Need #3: Chronic Disease Prevention and Management

Chronic Disease Prevention & Management

Key Themes from Community Input

- High Prevalence and Early Detection
- Challenges with Ongoing Management
- Barriers Tied to Social Determinants
- Widespread Impact and Education Gaps
- Lifestyle and Environmental Contributors
- Differences in Outcomes among Different Groups
- Routine Monitoring and Community-Based Screenings
- Aging in Place and Home Modifications
- Dementia and Mental Health as Chronic Conditions
- Reluctance to Seek Care
- Role of Social Support and Isolation among 65+ Community

Warning Indicators

- Age-Adjusted Death Rate due to Kidney Disease
- Chronic Kidney Disease: Medicare Population
- Adults 20+ with Diabetes
- Prostate Cancer Incidence Rate
- Age-Adjusted Death Rate due to Prostate Cancer
- Cancer: Medicare Population
- Breast Cancer Incidence Rate
- Age-Adjusted Death Rate due to Breast Cancer
- All Cancer Incidence Rate
- Stroke: Medicare Population
- Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)
- People 65+ Living Alone
- People 65+ Living Below Poverty Level
- Osteoporosis: Medicare Population

Chronic Disease Prevention and Management was identified in the Hillcrest Hospital 2025 CHNA as a pressing health priority, reflecting both its high prevalence in the community and its deep connection to lifestyle, environmental, and other health-related social needs. Stakeholder feedback underscored that conditions such as diabetes, hypertension, cardiovascular disease, and cancer remain leading causes of illness, disability, and premature death in the community. Many participants pointed to nutrition, physical inactivity, and gaps in preventive care as major contributors to disease onset, while also noting the influence of structural barriers such as transportation limitations, affordability challenges, and fragmented care coordination. These concerns were heightened for older adults and other populations who often face compounding economic and social obstacles to managing chronic conditions.

Primary and secondary data findings across topics such as nutrition, cancer, cardiovascular health, and aging consistently revealed differences in health outcomes influenced by income, race, location, and barriers in care delivery.

Nutrition, Healthy Eating, and Wellness

Community stakeholders stressed that healthy eating and active living are foundational to preventing chronic illness. Access to fresh, affordable, and nutritious food, along with opportunities for physical activity, were described as critical factors in reducing rates of obesity, diabetes, and hypertension. Yet many residents, especially in lower income neighborhoods, face limited access to grocery stores offering fresh produce and are often reliant on fast food outlets or convenience stores with limited healthy options. This lack of availability contributes to poor dietary habits and worsens chronic disease risks. Stakeholders advocated for initiatives such as expanding community gardens, increasing the presence of farmers markets, and offering culturally relevant health education

programs designed to promote wellness and support sustainable lifestyle changes over the long term.

Secondary data on consumer behavior indicate that adults in both Cuyahoga County and Lake County are less likely to cook meals at home than those in most other Ohio counties. Additionally, the rate of fast food use in Cuyahoga County is higher than nearly all other Ohio counties. Conduent HCI's Food Insecurity Index (FII) uses widely available community characteristics to estimate food access needs across the Hillcrest Hospital community. The two zip codes with the highest FII scores, indicating the greatest food access challenges are 44132 (Euclid) and 44123 (Beachwood) with scores of 95.6 and 91.9, respectively.

Cancer

Although Cancer did not emerge as one of the most frequently discussed topics in stakeholder interviews, it was still noted as an important health concern, particularly from the perspective of prevention. Interviewees underscored the value of regular screenings, early detection, and community based outreach efforts such as health fairs to engage residents who might otherwise have limited contact with the healthcare system. Yet, persistent barriers, especially lack of awareness and the cost of care, were cited as common reasons for delayed or missed screenings. Several participants also pointed to differences in cancer outcomes among different population groups, reinforcing the need for targeted outreach and culturally tailored education to ensure equal access to cancer prevention and treatment resources.

Secondary data indicate varying cancer risks across the Hillcrest Hospital community's three counties. In Cuyahoga County, where most of the Hillcrest Hospital population resides, rates of prostate cancer cases and deaths are both significantly higher than the overall Ohio rate. In Lake County, the rates of cervical and breast cancer cases are each in the highest quartile of U.S. counties and significantly increasing. Geauga County, similarly, has one of the highest rates of new breast cancer cases across all U.S. counties. Notably, although Lake and Geauga county residents experience elevated cancer risk, Cuyahoga County residents experience an elevated risk of both incidence and mortality of prostate cancer, suggesting a greater need for both early screening and follow-up care.

Diabetes, Heart Disease, Stroke, and Other Chronic Conditions

Chronic diseases such as diabetes, high blood pressure, and heart disease were widely recognized by stakeholders as prevalent across the Hillcrest Hospital community. While many of these conditions are preventable, they are often inadequately managed due to persistent challenges, including limited access to primary and specialty care, gaps in health literacy, and the financial strain of ongoing medication costs. Several participants observed that residents often learn of these conditions through screenings at community events or temporary clinics, rather than through regular engagement with a primary care provider. Stakeholders expressed strong interest in expanding chronic disease self-management programs and ensuring that individuals receive consistent follow up care, education, and support to effectively manage their health over the long term.

Rates of diabetes across the Hillcrest Hospital community are higher in Cuyahoga and Lake counties, compared to Geauga. Across all three counties, Black/African American

residents are more likely to have diabetes, based on Medicare data. In Cuyahoga County specifically, the death rate due to kidney disease, a common outcome of unmanaged diabetes, is in the highest quartile of all Ohio counties.

Rates of high blood pressure in both Cuyahoga and Lake counties are similar to that of Ohio overall, and somewhat higher than that of Geauga. In all three counties, the death rate due to stroke is similarly lower than the overall Ohio rate but significantly rising.

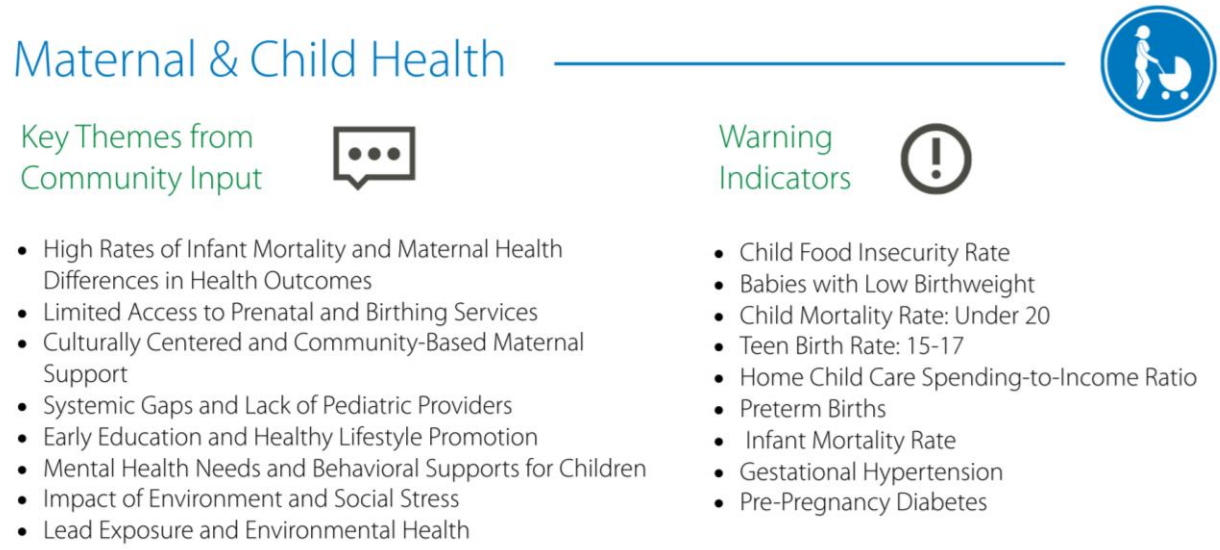
Older Adult Health

Older adults were recognized as a key population requiring focused attention in Chronic Disease Prevention and Management. Stakeholders noted growing concerns related to social isolation, cognitive decline, and reduced mobility among seniors in the Hillcrest Hospital community. For many, challenges such as limited transportation options, the cost of care, and insufficient caregiver support make it difficult to maintain routine health visits or manage multiple ongoing conditions. Participants emphasized the value of strategies that enable aging in place, expanded access to preventive and primary care, and integrate programs addressing both physical and mental wellbeing. Strengthening community based resources designed specifically for older adults was viewed as critical to enhancing quality of life and reducing preventable hospitalizations.

Across the Hillcrest Hospital community, the median age is 4 years older than that of Ohio, and there is also a larger share of the population aged 65 and above (23.8% vs. 19.9%). In both Cuyahoga and Lake counties, the percentage of older adults living alone is in the top quartile of all U.S. counties. One of the major risks of older adults living alone is the opportunity for unintentional injury. In Lake County, the death rate due to falls is higher than nearly all other Ohio counties.

In Cuyahoga County, specifically, the high cost for adult day care may help to exacerbate older adult isolation. On average, adult day care costs 13.4% of a typical county resident's household income, compared to only 10.2% in Lake County and 7.3% in Geauga. For all three counties, both Black/African American and Hispanic/Latino households experience a higher cost of adult day care.

Prioritized Health Need #4: Maternal and Child Health



Maternal and Child Health remains a critical priority for the Hillcrest Hospital community, reflecting both the insights of stakeholders and population-level data showing persistent differences in outcomes. Interview feedback highlighted significant challenges in accessing timely, high-quality prenatal and postpartum care, particularly for women experiencing barriers such as unstable housing, transportation difficulties, and gaps in insurance coverage. These factors contribute to delayed or inconsistent care, increasing the risk of complications for both mothers and infants. Participants also underscored the importance of integrating behavioral health services into obstetric and pediatric care to address perinatal mental health concerns, which remain underrecognized and undertreated. Stakeholders called for expanded wraparound supports, including home visiting programs, doulas, and peer mentorship networks, to promote healthy pregnancies, positive birth experiences, and stronger early childhood outcomes.

Children's health was also a prominent theme in discussions, with concerns centered on preventive care access, rising behavioral and emotional health needs, and ensuring safe, nurturing environments. Participants pointed to shortages in pediatric mental health providers and extended wait times as major barriers to care, compounded by the lingering effects of the COVID-19 pandemic on youth social-emotional development. Early childhood education, school-based health initiatives, and community nutrition programs were described as critical resources for fostering long-term wellness. Across interviews, stakeholders emphasized the need for coordinated, cross-sector approaches that connect healthcare providers, schools, and community organizations to support the physical, emotional, and developmental health of children and families in the Hillcrest Hospital community.

Secondary data indicate that maternal and child health concerns in the Hillcrest Hospital community are most pronounced in Cuyahoga County. In fact, one of the most significant challenges in this area is child mortality. In Lake and Geauga counties, this mortality rate

is lower than most other Ohio counties, but in Cuyahoga County, it's one of the highest mortality rates across the state. This may be related to a relatively younger age profile in Cuyahoga County, as well as relatively higher rates of youth disconnected from school and work as well as high rates of violent crime across the county. Cuyahoga County also has relatively high rates of lead exposure, another major pediatric health concern, despite improvements in recent years.

Several maternal and fetal health risks are also especially pronounced in Cuyahoga County, including teen births (7.3 births per 1,000 females), preterm births (12.0%), and low birthweight (10.8%). The risk of preterm birth in particular is higher for the county's Black/African American population (14.8%). The rates of gestational hypertension and pre-pregnancy diabetes are also more common in Cuyahoga County than Ohio, posing health risks for both the infant and birthing parent.

Prioritized Health Need #5: Health-Related Social Needs



In the Hillcrest Hospital 2025 CHNA, Health-Related Social Needs were identified as a central priority due to their wide-ranging influence on nearly every other health concern, including behavioral health, chronic disease, maternal and child health, and access to care. Stakeholder interviews underscored how social and economic realities such as income differences, housing affordability, educational attainment, transportation access, and neighborhood safety directly shape residents' ability to achieve and maintain good health. Many participants emphasized that these challenges disproportionately affect older adults, lower-income households, and other communities, reflecting the cumulative impact of long-term disinvestment and structural barriers to opportunity.

Economic instability, marked by wage gaps and the rising cost of living, was cited as a major driver of chronic stress and limited access to consistent healthcare. Transportation emerged as a significant barrier, with stakeholders pointing to the lack of reliable and affordable public transit options that connect residents to jobs, schools, and medical services. Environmental conditions such as neighborhood blight, limited recreational amenities, and unsafe streets were also reported to undermine both physical and mental well-being.

Education was repeatedly described as a cornerstone of long-term health and economic mobility, with schools serving as critical hubs for children and families. However, differences in educational quality and resource availability were viewed as persistent challenges that perpetuate health differences across generations. Feedback from the interviews reflected a shared belief that improving health outcomes requires coordinated, cross-sector strategies that strengthen social infrastructure, foster fairer access to resources, and create safe, supportive environments for community members.

The Hillcrest Hospital community has a median income that's about 20% higher than the overall Ohio median income ($82,380 vs. $68,488). However, there are economic concerns across this community, which are especially pronounced in Cuyahoga County. Across all three counties, homeowner costs are among the highest across Ohio and rising. In Cuyahoga County, specifically, consumer data demonstrate a high financial burden for many basic needs, including health insurance, education, and day care for both children and adults.

Social connections and isolation are also areas of concern across this community. All three counties have relatively high rates of youth not in school or working, compared to other Ohio counties, and also have a lower rate of social associations than the overall Ohio population. Lake County, specifically, also has an especially high rate of grandparents who are responsible for their grandchildren that continues to increase. Although grandparents may experience some psycho-social benefits as primary caregivers, they are also likely to experience limitations in carrying out those responsibilities.

Prioritized Health Needs in Context

Each of the five community health needs explored above reflect persistent and interconnected challenges shaped by broader social, economic, and environmental conditions. Together, these findings underscore the importance of place and needs-based approaches to improve health outcomes. The following sections provide an overview of the demographic and social factors influencing health in the Hillcrest Hospital community, offering additional context for understanding the differences and opportunities outlined in this report.

Secondary Data Overview

Demographics and Health-Related Social Needs

The demographics of a community significantly impact its health profile.[2] Different groups may have unique needs and require varied approaches to health improvement efforts. The following section explores the demographic profile of the community served by Hillcrest Hospital, including the economic, environmental, and social drivers of health. The social drivers 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 systems.[3] In addition to these highlights, detailed findings from the secondary data analysis can be found in Appendix B.

Geography and Data Sources

Data are presented at various geographic levels (county, zip code, and/or census tract) depending on data availability. When available, comparisons to county, state, and/or national values are provided. It should be noted that county level data may mask issues 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 differences in health outcomes.

All data estimates are sourced from Claritas Pop-Facts® (2024 population estimates) and American Community Survey one-year (2023) or five-year (2019-2023) estimates unless otherwise indicated.

Population Demographics of the Hillcrest Hospital Community

According to the 2024 Claritas Pop-Facts® population estimates, the Hillcrest Hospital community has an estimated population of 535,605 persons. The median age in the community is 44.5 years, which is older than that of Ohio (40.3 years). More than a quarter of the population (27.3%) is between 55-74 years old.

In the Hillcrest Hospital community, about two-thirds of the population are White (68.2%) and about one-fifth are Black/African American (21.0%). Compared to the overall population of Ohio, Hillcrest Hospital's population is more likely to be Black/African American (21.0% vs. 12.8%) and less likely to be Hispanic/Latino (4.1% vs. 19.0%).

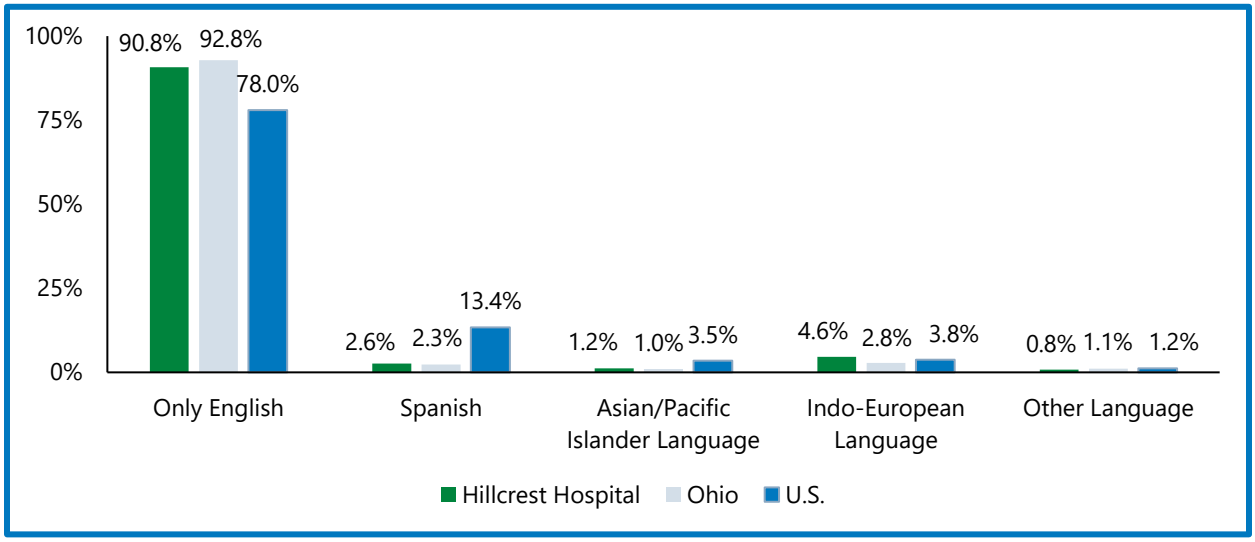
As shown in Figure 2, the majority of the Hillcrest Hospital community aged five and above speaks English at home (90.8%), and 2.6% speak Spanish. Understanding

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

[3] Centers for Medicare and Medicaid (CMS) (2025). Social Drivers of Health and Health-Related Social Needs. https://www.cms.gov/priorities/innovation/key-concepts/social-drivers-health-and-health-related-social-needs

countries of origin and language spoken at home can help inform the cultural and linguistic context for the health and public health system. Primary language spoken in the home can also be a proxy for acculturation into the community.

Figure 2: Population 5+ by Language Spoken at Home: Hospital Community, State, and Nation



Community and state values: Claritas Pop-Facts® (2024 population estimates)

U.S. value: American Community Survey five-year (2019-2023) estimates

Income and Poverty

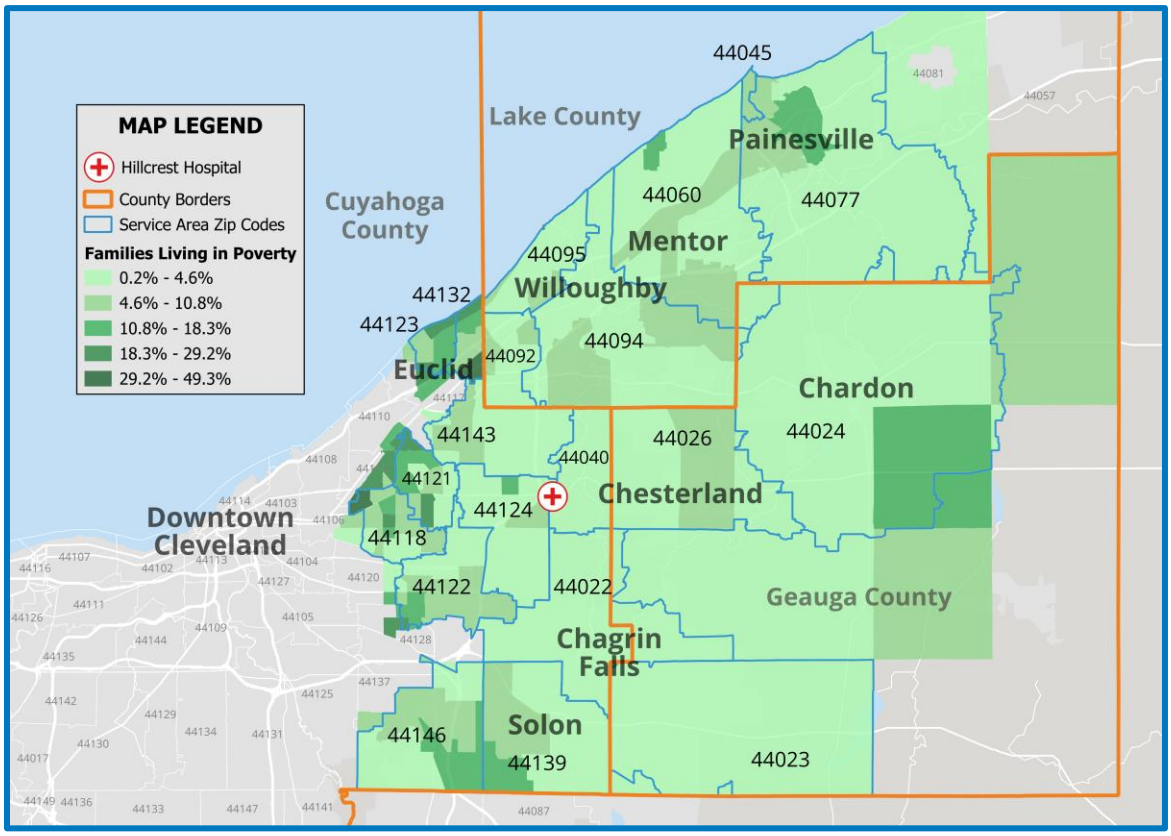
Income has been shown to be strongly associated with morbidity and mortality, influencing health through various clinical, behavioral, social, and environmental factors. Those with greater wealth are more likely to have higher life expectancy and reduced risk of a range of health conditions including heart disease, diabetes, obesity, and stroke. Poor health can also contribute to reduced income by limiting one's ability to work.[4]

The median household income for the Hillcrest Hospital Community is $82,380 which is higher than the surrounding state of Ohio ($68,488).

Federal poverty thresholds are set every year by the Census Bureau and vary by size of family and ages of family members. In the Hillcrest Hospital Community, 5.7% of families live below the poverty level, which is lower than both the state and U.S. values (9.4% and 8.8%, respectively). Poverty levels differ geographically across the Hillcrest Hospital community (Figure 3), and the zip codes 44132 (Euclid) and 44123 (Beachwood) have the highest concentrations of poverty (20.6% and 15.4%, respectively).

[4] 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 3: Families in Poverty by Census Tract, Hillcrest Hospital Community



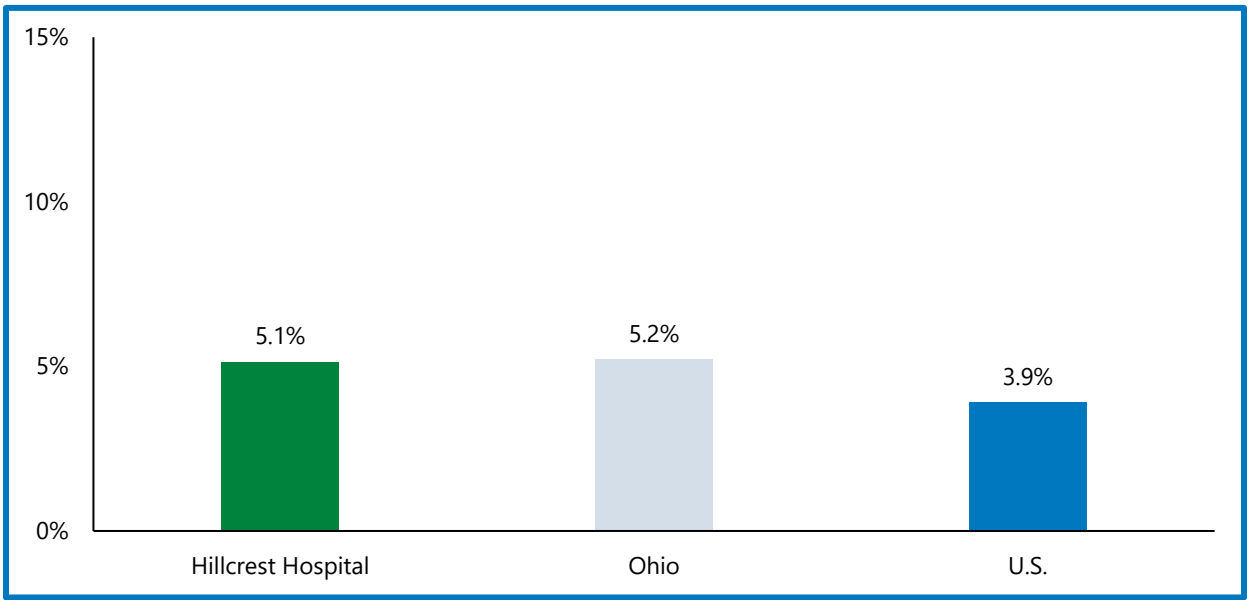
Claritas Pop-Facts® (2024 population estimates)

Education and Employment

The majority of the population within the Hillcrest Hospital community have a high school degree or higher (94.7%), which is higher than the statewide graduation rate (91.4%). Residents are also more likely than the overall Ohio population to have obtained a bachelor's degree or higher (40.9% vs. 30.1%).

The unemployment rate in the Hillcrest Hospital community is 5.1%, which is similar to the Ohio rate (5.2%) and higher than the national unemployment rate (3.9%).

Figure 4: Population 16+ Unemployed: Hospital Community, State, and Nation



Community and state values: Claritas Pop-Facts® (2024 population estimates)
U.S. value: American Community Survey five-year (2019-2023) estimates

Education is an important indicator of 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.[5] Higher levels of education may also lead to better job opportunities which, in turn, impact health. An individual's type and level of employment impacts access to healthcare, work environment, health behaviors, and health outcomes.[6]

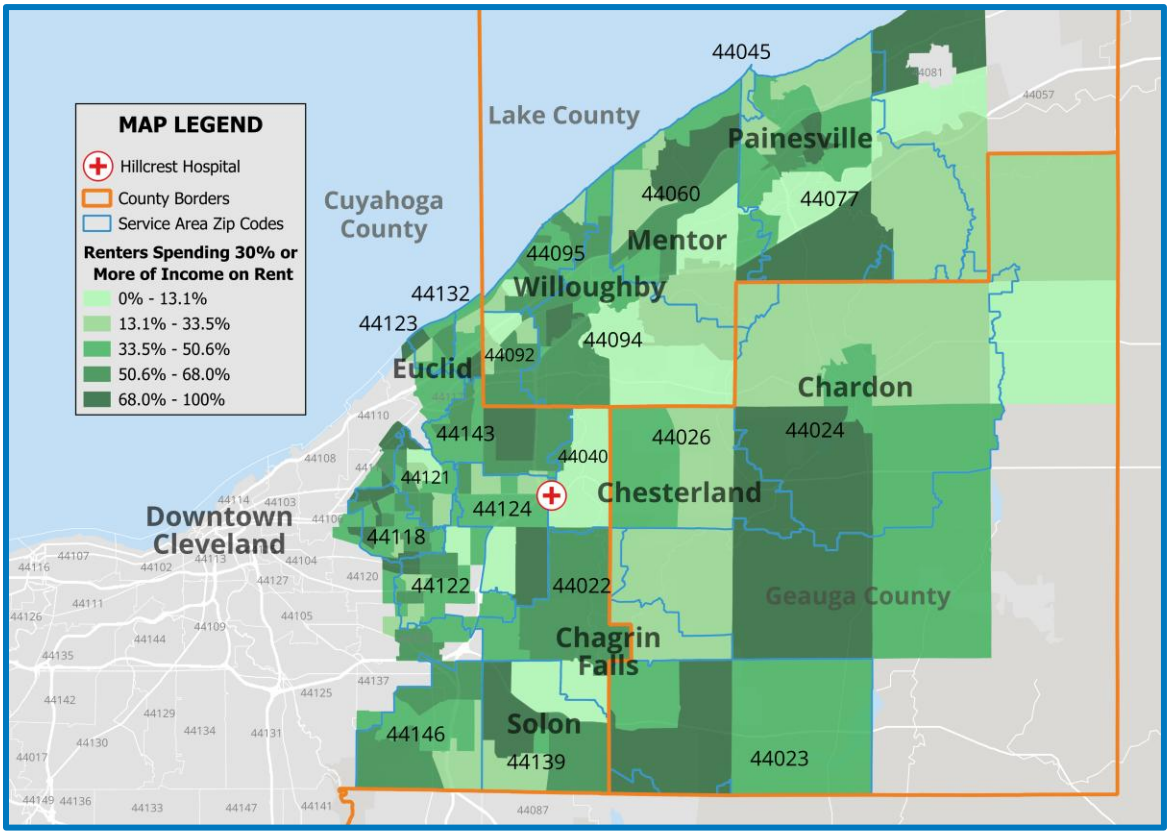
Housing and Built Environment

Safe, stable, and affordable housing provides a critical foundation for health and wellbeing. We examined how many renters across the Hillcrest Hospital community had a high rent burden, costing 30% or more of their household income. We also examined how many households had severe housing problems, including: including: overcrowding, high housing costs, lack of kitchen, or lack of plumbing facilities.

As seen in Figure 5, Cuyahoga County had the highest percentage of residents with high rent burden (47.5%), followed by Lake County (46.0%) and Geauga County (41.0%). Cuyahoga County also had the highest percentage of households with severe problems (15.9%), followed by Geauga County (11.4%) and Lake County (9.9%).

[5] Robert Wood Johnson Foundation, Education and Health. https://www.rwjf.org/en/library/research/2011/05/education-matters-for-health.html
[6] U.S. Department of Health and Human Services, Healthy People 2030. https://health.gov/healthypeople/objectives-and-data/social-determinants-health/literature-summaries/employment

Figure 5: High Rent Burden by Census Tract, Hillcrest Hospital Community



American Community Survey five-year (2019-2023) estimates

Home internet access is an essential home utility for accessing healthcare services, including making appointments with providers, getting test results, and accessing medical records. The percentage of households with an internet subscription is lower in Geauga and Cuyahoga counties (87.2% and 87.5%, respectively), compared to Lake County (91.9%). At the zip code level, the lowest levels of internet access in the Hillcrest Hospital community are in the Cuyahoga County zip codes 44123 (Beachwood) and 44132 (Euclid), where 84.4% and 84.6% of households have an internet subscription, respectively.

Community Health Indices

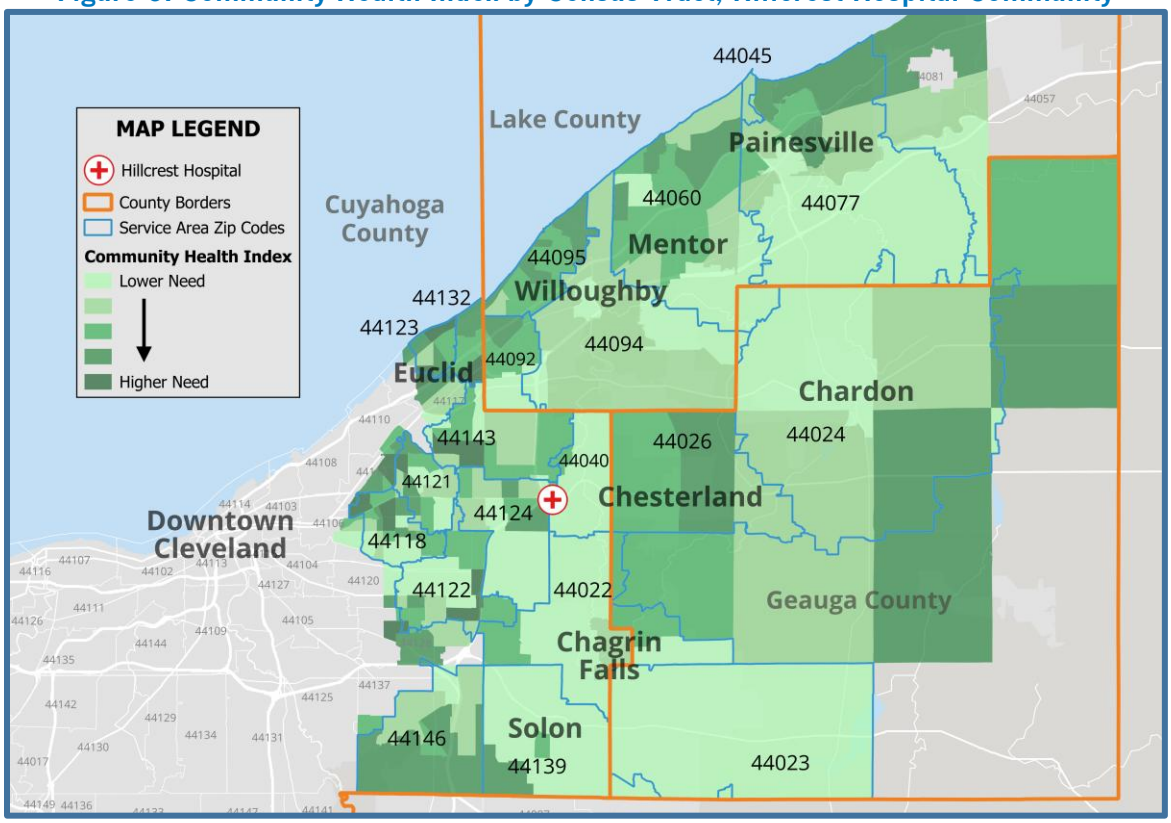
A map index that visualizes social and economic drivers of health at a specific geographic level serves as a critical decision-making tool by highlighting localized differences in health outcomes that may be obscured in broader geographic analyses. The three indices below highlight differences in community health outcomes, mental health outcomes, and food insecurity for the Hillcrest Hospital community at the zip code level.

Community Health Index

Conduent HCI's Community Health Index (CHI) can help to identify geographic differences in health outcomes across the county, down to the census tract level. The CHI uses health-related social needs data that is strongly associated with poor health outcomes, such as preventable hospitalization or premature death, to estimate which geographic areas have the greatest health needs. Each geographic area is given an index value between 0 and 100, based on how it compares to other areas across the country.

Figure 6 illustrates which census tracts experience the greatest relative health needs in the Hillcrest Hospital community, as indicated by the darkest shade of green. At the zip code level, the greatest areas of need are in the zip codes 44132 (Euclid) and 44123 (Beachwood), with index values of 66.2 and 55.6, respectively. See Appendix B for additional details about the CHI and a table of CHI values for each zip code in the region.

Figure 6: Community Health Index by Census Tract, Hillcrest Hospital Community

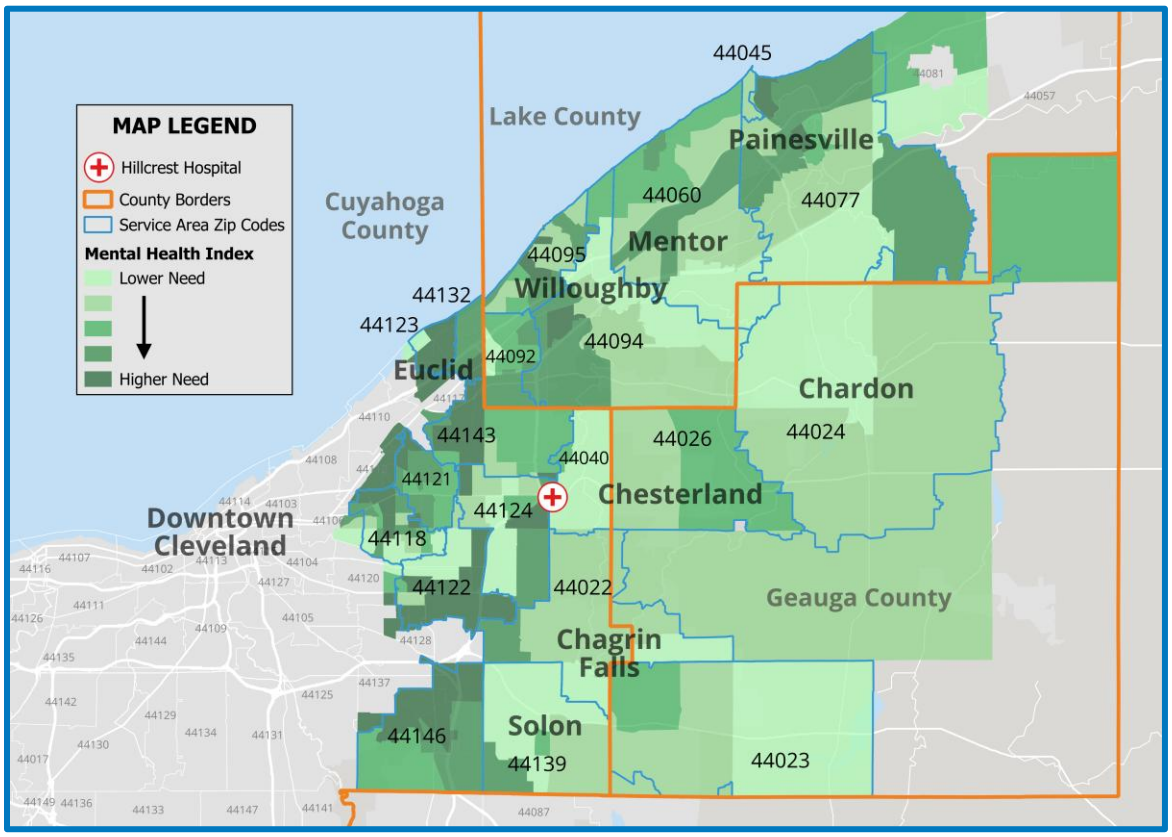


Mental Health Index

Conduent HCI's Mental Health Index (MHI) can help to identify geographic differences in mental health outcomes across the county, down to the census tract level. The MHI uses health-related social needs data that is strongly associated with self-reported poor mental health to estimate which geographic regions have the greatest mental health needs. Each geographic area is given an index value between 0 and 100, based on how it compares to other areas across the country.

Figure 7 illustrates which census tracts experience the greatest relative need related to mental health in the Hillcrest Hospital community, as indicated by the darkest shade of green. At the zip code level, the highest MHI values are in 44146 (Bedford), 44132 (Euclid), and 44123 (Beachwood). In fact, the six highest zip code MHI values are all in Cuyahoga County, each with a score above 85, indicating especially high mental health needs compared to other U.S. zip codes. See Appendix B for additional details about the MHI and a table of MHI values for each zip code in the Hillcrest Hospital community.

Figure 7: Mental Health Index by Census Tract, Hillcrest Hospital Community

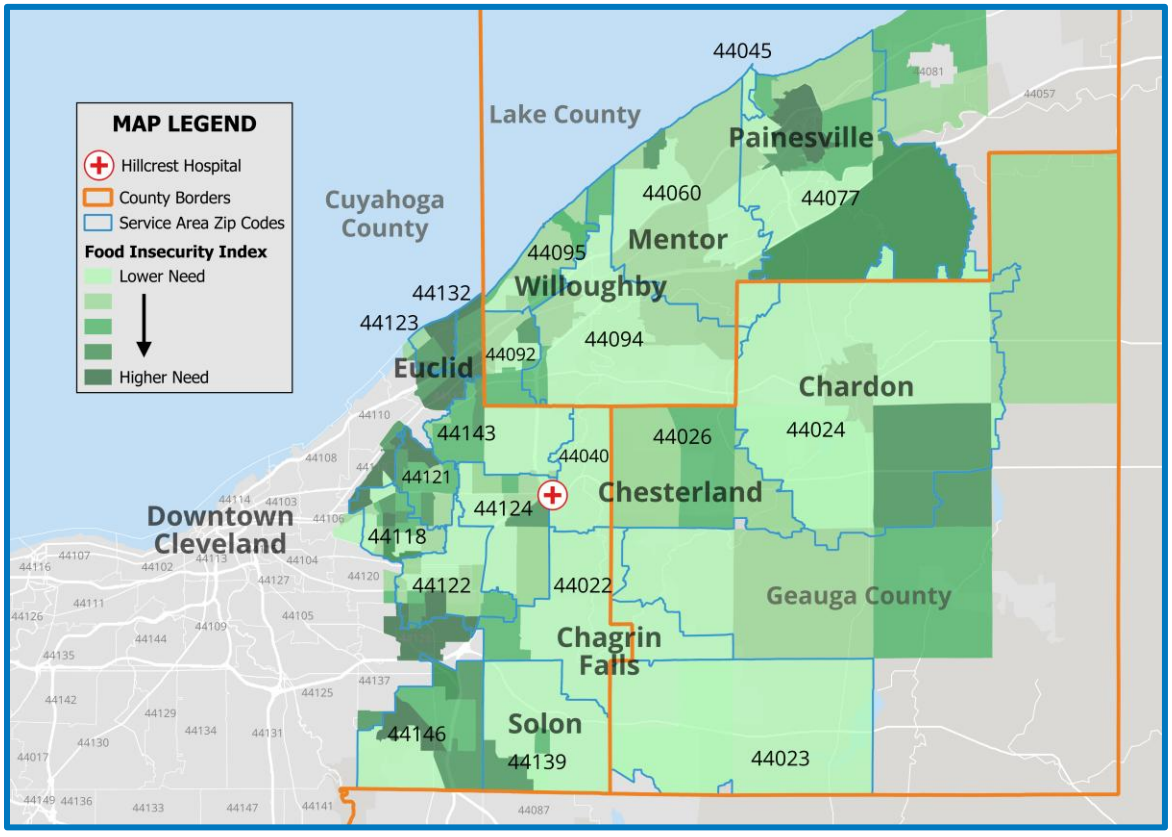


Food Insecurity Index

Conduent HCI's Food Insecurity Index (FII) can help to identify geographic differences in food access across the county, down to the census tract level. The FII uses health-related social needs data that are strongly associated with poor food access to estimate which geographic regions have the greatest needs regarding food insecurity. Each geographic area is given an index value between 0 and 100, based on how it compares to other areas across the country.

Figure 8 illustrates which census tracts experience the greatest relative need related to food insecurity in the Hillcrest Hospital Community, as indicated by the darkest shade of green. At the zip code level, the greatest areas of need related to food access are in the zip codes 44132 (Euclid) and 44123 (Beachwood), with FII values of 95.6 and 91.9, respectively. See Appendix B for additional details about the FII and a table of FII values for each zip code in the Hillcrest Hospital community.

Figure 8: Food Insecurity Index by Census Tract, Hillcrest Hospital Community



Other Community Assessment and Improvement Plans

An environmental scan of recent community health assessments, partner reports, and improvement plans relevant to the Hillcrest Hospital community were researched and reviewed. Findings from this environmental scan reinforced the relevance of the five prioritized health needs identified in Hillcrest Hospital's 2025 CHNA. Highlights of each of the relevant documents are provided below. The methodology for conducting the environmental scan is described in Appendix C.

2023 Ohio State Health Assessment[7]

The following points summarize the key alignment between the 2023 Ohio State Health Assessment and Hillcrest Hospital's prioritized health needs:

- Access to Healthcare:
    - Widespread healthcare provider shortages, especially in primary care and mental health.
    - Many Ohioans face barriers such as limited insurance coverage, low health literacy, and lack of cultural and linguistically appropriate care.
- Behavioral Health:
    - Increased rates of depression, anxiety, and suicide among both youth and adults.
    - Significant unmet mental health needs and high levels of substance use, including youth drug use and adult overdose deaths.
- Chronic Disease Prevention and Management:
    - Statewide increases in diabetes and continued high rates of heart disease and hypertension.
    - Obesity and poor nutrition are identified as key contributors to chronic conditions.
- Maternal and Child Health:
    - Stagnant or worsening maternal morbidity and infant mortality rates.
    - Persistent differences in birth outcomes.
- Health-Related Social Needs:
    - Ongoing challenges related to poverty, housing affordability and quality, food insecurity, and transportation.
    - These social drivers of health are strongly linked to poor health outcomes across all priority areas.

[7] Ohio Department of Health. (2023). *Ohio State Health Assessment 2023*. Ohio University; Ohio Department of Health. Retrieved from Ohio Department of Health website.

2023 City of Cleveland Parks and Recreation Community Needs Assessment[8]

- Nature and Green Space: Value placed on preserving and expanding natural areas
- Connectivity and Accessibility: Importance of walkability, ADA compliance, and transportation access
- Safety: Emphasis on secure, well-lit, and welcoming environments

2024 Cuyahoga County ADAMHS Board Needs Assessment[9]

- Significant gap between those with substance use disorders and those receiving treatment in Cuyahoga County
- Large difference between individuals with mental health disorders and those accessing treatment or services
- High need for publicly funded behavioral health services
- Elevated rates of uninsured individuals limit access to necessary care

2023 Cuyahoga County Planning Commission Data Book[10]

- Population is declining, but the number of households is increasing
- Large labor force, but low participation rate
- Lower levels of post-secondary education attainment
- Household income is low; poverty rate is high
- Educational and health services are the most common employment sectors
- Housing costs are low, but affordability remains a challenge
- Minimal new housing development in recent years
- County has more multi-modal transportation options than others
- Commute times are shorter than in other areas
- The county is more urbanized compared to the surrounding regions

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[8] Cleveland Parks & Recreation Plan Team. (2024). *Community needs assessment report* [PDF]. City of Cleveland Department of Parks & Recreation. https://cleparksrecplan.com/wp-content/uploads/240102_Community-Needs-Assessment-Report_web.pdf

[9] Alcohol, Drug Addiction and Mental Health Services (ADAMHS) Board of Cuyahoga County (2024). *Community health needs assessment* [PDF]. https://www.adamhscc.org/about-us/budgets-reports/needs-assessments

[10] Cuyahoga County Planning Commission. (December 2023). *Our County: The 2023 data book* [PDF]. Cuyahoga County Planning Commission. https://s3.countyplanning.us/wp-content/uploads/2023/12/Our-County-2023-reduced.pdf?

2022 Greater Cleveland LGBTQ+ Community Needs Assessment[11]

- Promote a culture of respect, empathy, and mutual support within and beyond the LGBTQ+ community
- Implement and enforce anti-discrimination laws related to healthcare, workplace rights, reproductive and family rights, identification, housing, and taxation
- Combat community helplessness by offering clear, actionable solutions and encouraging engagement
- Expand access to community education in health, civic matters, cultural awareness, and emergency preparedness

Joint 2022 Cuyahoga County CHNA (Collaborating Organizations: University Hospital, Cuyahoga County Board of Health, and the City of Cleveland Department of Health)[12]

Priority Health Areas Identified:

- Behavioral Health (mental health challenges and substance use/misuse)
- Accessible and Affordable Healthcare
- Community Conditions (including access to healthy food and neighborhood safety)

Prioritized Populations:

- Maternal, Fetal, and Infant Health
- Older Adults

2022 Lake County Community Health Needs Assessment[13]

Priority Health Areas Identified:

- Access to Health Care
- Behavioral Health (mental health & substance use and misuse)
- Chronic Disease

2022 Geauga County Community Health Assessment[14]

Priority Health Areas Identified

- Healthcare Access and Quality

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[11] Kent State University College of Public Health. (2024). *Greater Cleveland LGBTQ+ community needs assessment* [PDF]. The Greater Cleveland LGBTQ+ Community Needs Assessment Research Team. https://www.lgbtqohio.org/sites/default/files/docs/KSU-028_CommunityReport_102124_FA.pdf

[12] Cuyahoga County CHNA Steering Committee. (2022). *2022 Cuyahoga County community health needs assessment* [PDF]. Conduent Healthy Communities Institute & Cuyahoga County Community Partners. https://www.healthyneo.org/content/sites/cuyahoga/Resources/CHNA-Cuy-Cty-11.22.pdf

[13] Lake County General Health District. (2022). *2022 Lake County, Ohio Community Health Needs Assessment*. Lake County General Health District. https://www.lcghd.org/wp-content/uploads/2022/10/FINAL-2022-Lake-County-Ohio-CHNA-Report_09_30_22.pdf

[14] Geauga Public Health. (2023). *2022 Geauga County Community Health Needs Assessment*. Geauga Public Health. https://gphohio.org/wp-content/uploads/sites/17/2023/02/2022-Geauga-County-CHNA-Report.pdf

- Behavioral Health (mental health & substance use and misuse)
- Chronic Conditions (Breast Cancer & Heart Disease)
- Community Conditions (Housing & Transportation)

2023 Livable Cuyahoga Needs Assessment[15]

Community & Health Services

- Cleveland has the highest disability rates among older adults in the county
- Access to doctors and hospitals is high, but other barriers persist
- Different residents are more likely to report poor mental health

Outdoor Spaces

- Sidewalks connect older adults to the community
- Parks are highly valued; safety remains a key concern

Transportation

- Transportation access and cost vary by municipality
- Driving makes travel easy, but more medical transport options are needed

Housing

- Older adults want to age in place in Cuyahoga County
- Renters face higher housing cost burdens than homeowners
- Support needed to find housing that meets mobility and accessibility needs

Social Participation

- 30% of residents lack companionship
- Older adults prefer socializing at restaurants, museums, and libraries
- Adults aged 50–64 socialize less than those over 65

Respect & Social Inclusion

- Residents 75+ feel more respected than younger age groups
- Awareness of community events fosters connection
- Lower-income residents feel more disconnected

Workforce & Civic Engagement

- Older job seekers face ageism and tech-related challenges
- Most plan to stay in the county after retirement
- Race and income impact voting accessibility

[15] Cuyahoga County Department of Health and Human Services, Division of Senior & Adult Services. (2023). *Livable Cuyahoga needs assessment report*. Cuyahoga County. Retrieved June 2025, from https://hhs.cuyahogacounty.gov/docs/default-source/default-document-library/reports/livable-cuyahoga-needs-assessment-report.pdf?sfvrsn=b1f65b31_1

2023 United Way of Greater Cleveland Community Needs Assessment[16]

Economic Mobility

- Most children are unprepared for kindergarten; enrollment in preschool
- Childcare access hindered by staffing shortages
- Cleveland ranks as the 2nd poorest large U.S. city
- Significant income differences across groups

Health Pathways

- Differences in life expectancy
- High levels of food insecurity and poor air quality
- Poor mental health outcomes; need for trauma-informed approaches

Housing Stability

- Rent affordability challenges, especially for older adults on fixed incomes
- High volume of homeless shelter information requests

Primary Data Overview

Community Stakeholder Conversations

Community stakeholders from a total of 17 organizations provided feedback specifically for the Hillcrest Hospital community. Interviews with each stakeholder varied by individual and the amount of feedback they provided. They generally ranged from thirty to sixty minutes. A full write up of qualitative data findings and the community stakeholder facilitation guide can be found in Appendix D.

Individuals from the following organizations participated as key informants for the Hillcrest Hospital community:

- ADAMHS Board of Cuyahoga County
- ASIA (Asian Services In Action)
- Benjamin Rose Institute on Aging
- Boys and Girls Clubs of Northeast Ohio
- City of Cleveland Department of Public Health
- City of Cleveland, Division of Fire
- City of Mayfield Heights
- Cleveland Clinic Children's
- Community Partnership on Aging
- Cuyahoga County Board of Health

[16] United Way of Greater Cleveland. (2023). *Cuyahoga County community needs assessment* [PDF]. https://www.unitedwaycleveland.org/our-work/publications/community-needs-assessment/#cc-assessment

- Cuyahoga Metropolitan Housing Authority
- Esperanza
- First Year Cleveland
- Greater Cleveland Food Bank
- Lead Safe Cleveland Coalition
- LGBTQ+ Assessment Greater Cleveland / Cleveland Clinic
- NAMI Greater Cleveland

In community stakeholder discussions for the Hillcrest Hospital 2025 CHNA, Behavioral Health consistently surfaced as a pressing priority, encompassing both Mental Health and Substance Use Disorder concerns. Stakeholders described persistent service gaps related to availability, affordability, and accessibility, noting these challenges were especially acute for youth, individuals with limited incomes, and residents facing cultural or language barriers. Access to care more broadly emerged as a recurring theme, with participants highlighting transportation challenges, shortages of providers, and the need for care models that reflect cultural and linguistic diversity. Chronic health conditions, including diabetes, hypertension, and cancer, were also identified as significant issues, often tied to nutritional challenges, sedentary lifestyles, and the impact of housing and neighborhood environments on health.

Conversations underscored the influence of health-related social needs such as income, education, housing stability, and employment on community health. Stakeholders emphasized that these interconnected factors create compounding barriers, with housing insecurity and food scarcity making it more difficult for residents to seek preventive or ongoing care. Systemic issues, including limited funding for health and social services, historic disinvestment in certain neighborhoods, and differences in outcomes, were cited as root causes. Additional concerns included low trust in healthcare providers, gaps in preventive care infrastructure, and limited coordination among service systems. Feedback across interviews pointed to the need for integrated, community-based strategies that address both health services and the broader conditions shaping health outcomes in the Hillcrest Hospital community.

The following quotes highlight key themes highlighted in community feedback.

Priority Area	Key Quote	Additional Context
Access to Healthcare	"The first thing is services being accessible and close by. If someone has to take two busses to get care, they are not going to go."	Highlights how transportation and proximity to resources are major barriers to accessing timely healthcare.
Behavioral Health	"We've had families wait months just to get their child seen by a therapist and that is unacceptable".	Illustrates the shortage and long wait times for pediatric mental health services.

	"It's everywhere – fentanyl is in everything now, and people don't even know what they're taking."	Emphasizes the widespread impact of fentanyl and the dangers of unintentional substance use.
Chronic Disease Prevention and Management	"Access to food and exercise are contributing to things like diabetes and cancer."	Connects chronic disease outcomes to environmental and social factors like nutrition and physical activity.
Maternal and Child Health	"Black babies are twice as likely to die in Cuyahoga County...we have a very significant rate of infant mortality."	Underscores significant differences in infant mortality.
Health-Related Social Needs	"Poverty is the cause of these problems... living in poverty creates stress and that hurts your health."	This succinctly summarizes the foundational role poverty plays in shaping health outcomes. It reflects stakeholder recognition that economic instability is a root cause influencing other critical issues, such as chronic disease, mental health, housing insecurity, and violence. It also reinforces the importance of upstream, systemic solutions in improving community health.

Prioritization Methodology

Hillcrest Hospital's 2025 Community Health Needs Assessment (CHNA) reaffirmed its focus on the same five core health priorities identified in the previous assessment through a comprehensive and data-driven prioritization process. This decision was guided by a rigorous review of primary data, including stakeholder interviews with community leaders and subject matter experts, alongside secondary data analysis from national, state, and regional sources. An environmental scan further contextualized the findings, providing insight into persistent systemic and community-level challenges. The convergence of qualitative and quantitative findings demonstrated continued differences in areas such as access to care, behavioral health, and chronic disease. Consistent community feedback, coupled with county-level data showing outcomes that continue to exceed state and national benchmarks in these domains, reinforced the need for ongoing, coordinated efforts. As a result, Hillcrest Hospital has prioritized the same five health needs for its 2026–2028 Implementation Strategy Report, ensuring continuity in addressing longstanding health challenges and advancing equal outcomes for the populations it serves.

Collaborating Organizations

The fifteen regional hospitals within the Cleveland Clinic health system in Northeast Ohio collaborate to share community health data and resources throughout the CHNA and implementation strategy processes. Hillcrest Hospital is part of the Cleveland Clinic East Submarket which includes Euclid, Hillcrest, Marymount, Mentor, and South Pointe hospitals.

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 and Health Departments

Federally Qualified Health Centers (FQHCs)[17] are community-based clinics that provide comprehensive primary care, behavioral health, and dental services. In Ohio, the Ohio Association of Community Health Centers (OACHC) represents 57 Community Health Centers operating at over 400 locations, including mobile units, and supports access to care through federal funding and enhanced Medicaid and Medicare reimbursement. Within the Hillcrest Hospital community, community health services are further supported by local public health agencies, including the Cuyahoga County Board of Health and Lake County General Health District. The following FQHC clinics and networks operate in the Hillcrest Hospital community:

- Asian Services in Action, Inc.
- Crossroads Health
- MetroHealth Community Health Centers
- Signature Health, Inc.

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:

- MetroHealth Medical Centers (Multiple Locations)
- University Hospitals (Multiple Locations)

Other Community Resources

A network of agencies, coalitions, and organizations provides a broad array of health and social services within the region served by Hillcrest Hospital. United Way 2-1-1 Ohio offers a comprehensive, statewide online resource directory that connects individuals to essential health and human services. This service, supported by the Ohio Department of

[17] Ohio Association of Community Health Centers, https://www.ohiochc.org/page/178

Social Services in partnership with the Council of Community Services, The Planning Council, and local United Way chapters serves as a vital referral tool. United Way 2-1-1 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
- Healthcare
- 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 www.211oh.org.

Comments Received on Previous CHNA

Community Health Needs Assessment reports from 2022 were published on the Hillcrest Hospital and Cleveland Clinic websites. No community feedback has been received as of the drafting of this report. For more information regarding Cleveland Clinic Community Health Needs Assessment and Implementation Strategy reports, please visit www.clevelandclinic.org/CHNAreports or contact CHNA@ccf.org

Request for Public Comment

Comments and feedback about this report are welcome. Please contact: chna@clevelandclinic.org.

Appendices Summary

A. Hillcrest Hospital Community Definition

B. Secondary Data Sources and Analysis

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

C. Environmental Scan and Key Findings

Environmental scan findings from the region comparing significant and prioritized health needs as well as identifying other relevant contextual data and associated programs and interventions.

D. Community Input Assessment Tools and Key Findings

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

- Key Stakeholder Interview Questions
- Summary Qualitative Findings

E. Impact Evaluation

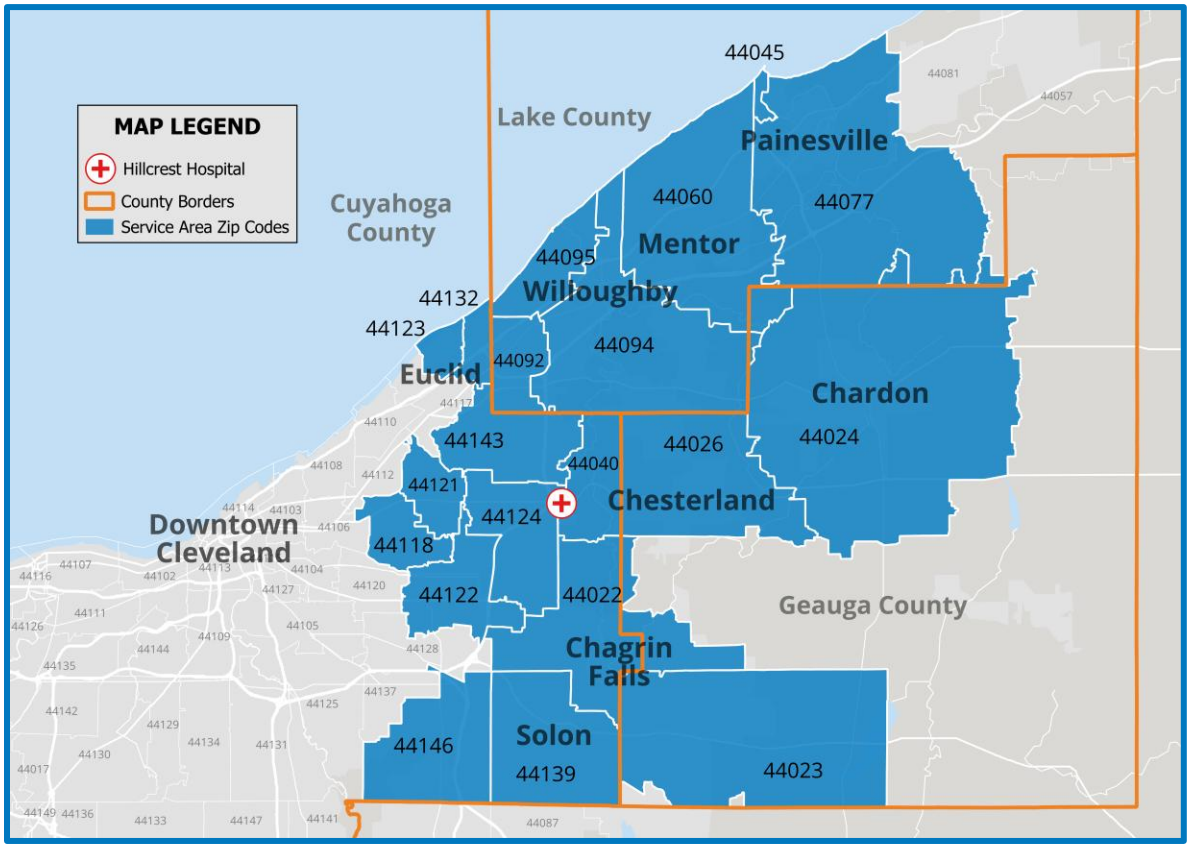
An overview of progress made on the 2022 Implementation Strategies.

F. Acknowledgements

Appendix A: Hillcrest Hospital Community Definition

The community definition describes the zip codes where approximately 75% of Hillcrest Hospital Emergency Department discharges originated in 2023. Figure 9 shows the specific geography for the Hillcrest Hospital community that served as a guide for data collection and analysis for this CHNA.

Figure 9: Hillcrest Hospital Community Definition



Appendix B: Secondary Data Scan and Key Findings

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 (HCI). This database includes more than 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.

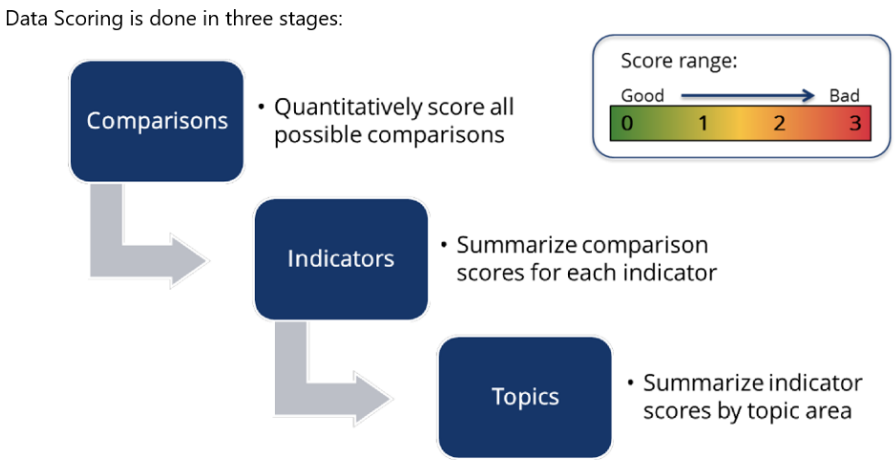
The following is a list of both local and national sources used in the Hillcrest Hospital Community Health Needs Assessment:

- 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 Profiles
- Claritas Consumer Spending Dynamix
- County Health Rankings
- Early Ages Healthy Stages
- Feeding America
- National Cancer Institute
- National Center for Education Statistics
- National Environmental Public Health Tracking Network
- Ohio Department of Education
- Ohio Dept. of Health, Infectious Diseases
- Ohio Dept. of Health, Vital Statistics
- Ohio Dept. of Health's Ohio Healthy Homes Lead Poisoning Prevention Program
- Ohio Dept. of Public Safety, Office of Criminal Justice Services
- Ohio Public Health Information Warehouse
- Ohio Secretary of State
- Prevention Research Center for Healthy Neighborhoods
- Purdue Center for Regional Development
- The Ohio Pregnancy Assessment Survey (OPAS) Dashboard
- U.S. Bureau of Labor Statistics
- U.S. Census - County Business Patterns
- U.S. Census Bureau - Small Area Health Insurance Estimates
- U.S. Environmental Protection Agency
- United For ALICE

Secondary Data Scoring

HCI's Data Scoring Tool was used to systematically summarize multiple comparisons in order to rank indicators based on highest need. Due to restrictions regarding data availability, analysis was completed at the county level. For each indicator, the county value was compared to a distribution of other Ohio and U.S. counties, state and national values, targets defined by Healthy People 2030, and significant trends over time (see Figure 10). Based on these comparisons, each indicator is scored on a standardized scale ranging from 0 to 3, where 0 indicates least concern and 3 indicates greatest concern. Availability of each type of comparison depends on the indicator's data source, comparability with other communities, and changes in methodology over time. After scoring all available indicators, we grouped indicators into topic areas to assign summary scores for topic areas. Indicators may be categorized into more than one topic area, and topic areas with fewer than three indicators were not scored.

Figure 10: Summary of Topic Scoring Analysis



For the purposes of the Hillcrest Hospital Community, this analysis was completed for Cuyahoga County, Geauga County, and Lake County. A complete breakdown of topic and indicator scores can be found below.

Comparison to a Distribution of County Values: State and Nation

For ease of interpretation and analysis, distribution data for each indicator is visually represented as a green-yellow-red gauge illustrating how the county fares against a distribution of counties across either the state or across the nation. 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, and red) based on their order. Counties with the most concerning scores are "in the red" and those with the least concerning scores are "in the green."

Comparison to Values: State, National, and Targets

Each county is compared to the state value, the national value, and the target value. Target values are defined by nation-wide Healthy People 2030 (HP2030) goals. HP2030 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 more or less concerning 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 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, 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 found below.

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 to 3, where a higher score indicates more concerning outcomes. A topic score is only calculated if it includes at least three indicators. See Figure 11 for a complete list of the potential health and quality of life topic areas examined in this analysis.

Figure 11: Health and Quality of Life Topic Areas



Topics that received a score of 1.50 or higher were considered a significant health need. Nine topics scored at or above this threshold across the Hillcrest Hospital community (see Tables 2 and 3).

Topic Scores

Data from Cuyahoga, Geauga, and Lake counties were scored to calculate county-level topic scores. Each of these topic score was combined into an overall weighted average score for the Hillcrest Hospital community. Weights were calculated based on the number of hospital discharges from each county.

Topic Scores: Hillcrest Hospital Community

Results from the secondary data topic scoring can be seen in Tables 2 and 3 below. The highest scoring health need in the Hillcrest Hospital Community was *Other Chronic Conditions* with a score of 1.78.

Table 2: Health Topic Scores: Hillcrest Hospital Community

Health Topic	Score
Other Chronic Conditions	1.78
Sexually Transmitted Infections	1.57
Older Adults	1.65
Weight Status	1.60
Alcohol & Drug Use	1.56
Wellness & Lifestyle	1.55
Diabetes	1.52
Cancer	1.51
Nutrition & Healthy Eating	1.47
Children's Health	1.46
Maternal, Fetal, & Infant Health	1.40
Prevention & Safety	1.38
Heart Disease & Stroke	1.37
Mental Health & Mental Disorders	1.33

Women's Health	1.30
Health Care Access & Quality	1.29
Respiratory Diseases	1.27
Immunizations & Infectious Diseases	1.24
Oral Health	1.23
Physical Activity	1.17
Tobacco Use	1.16

Table 3: Quality of Life Topic Scores: Hillcrest Hospital Community

Quality of Life Topic	Score
Economy	1.54
Education	1.42
Community	1.40
Environmental Health	1.39

Topic Scores: Cuyahoga County

Results from the secondary data topic scoring can be seen in Tables 4 and 5 below. The highest scoring health need in Cuyahoga County was *Sexually Transmitted Infections* with a score of 2.04.

Table 4: Health Topic Scores: Cuyahoga County

Health Topic	Score
Sexually Transmitted Infections	2.04
Other Chronic Conditions	1.85
Children's Health	1.65
Older Adults	1.60
Family Planning	1.56
Wellness & Lifestyle	1.55
Weight Status	1.52
Maternal, Fetal & Infant Health	1.51
Nutrition & Healthy Eating	1.47
Diabetes	1.46
Prevention & Safety	1.40
Alcohol & Drug Use	1.38
Cancer	1.37
Adolescent Health	1.33
Health Care Access & Quality	1.30
Mental Health & Mental Disorders	1.29
Immunizations & Infectious Diseases	1.27
Heart Disease & Stroke	1.24
Respiratory Diseases	1.23

Women's Health	1.17
Oral Health	1.16
Tobacco Use	1.05
Physical Activity	0.96

Table 5: Quality of Life Topic Scores: Cuyahoga County

Quality of Life Topic	Score
Economy	1.90
Education	1.72
Community	1.56
Environmental Health	1.56

Topic Scores: Geauga County

Results from the secondary data topic scoring can be seen in Tables 6 and 7 below. The highest scoring health need in Geauga County was *Other Chronic Conditions* with a score of 1.44.

Table 6: Health Topic Scores: Geauga County

Health Topic	Score
Other Chronic Conditions	1.44
Women's Health	1.32
Health Care Access & Quality	1.32
Weight Status	1.29
Physical Activity	1.23
Heart Disease & Stroke	1.22
Mental Health & Mental Disorders	1.19
Alcohol & Drug Use	1.17
Older Adults	1.15
Children's Health	1.08
Cancer	1.06
Oral Health	1.01
Maternal, Fetal & Infant Health	1.00
Diabetes	0.95
Prevention & Safety	0.91
Respiratory Diseases	0.89
Mortality Data	0.87
Wellness & Lifestyle	0.81
Tobacco Use	0.78
Immunizations & Infectious Diseases	0.73
Nutrition & Healthy Eating	0.54
Sexually Transmitted Infections	0.52

Table 7: Quality of Life Topic Scores: Geauga County

Quality of Life Topic	Score
Environmental Health	1.07
Community	1.07
Economy	0.86
Education	0.78

Topic Scores: Lake County

Results from the secondary data topic scoring can be seen in Tables 8 and 9 below. The highest scoring health need in Lake County was *Other Chronic Conditions* with a score of 1.72.

Table 8: Health Topic Scores: Lake County

Health Topic	Score
Other Conditions	1.72
Alcohol & Drug Use	1.56
Older Adults	1.51
Weight Status	1.46
Heart Disease & Stroke	1.45
Cancer	1.43
Women's Health	1.42
Physical Activity	1.35
Diabetes	1.34
Nutrition & Healthy Eating	1.32
Wellness & Lifestyle	1.30
Mortality Data	1.27
Mental Health & Mental Disorders	1.23
Prevention & Safety	1.23
Respiratory Diseases	1.13
Health Care Access & Quality	1.12
Oral Health	1.11
Immunizations & Infectious Diseases	1.07
Maternal, Fetal & Infant Health	1.07
Tobacco Use	1.01
Sexually Transmitted Infections	0.95
Children's Health	0.79

Table 9: Quality of Life Topic Scores: Lake County

Quality of Life Topic	Score
Community	1.16
Environmental Health	1.14
Economy	1.02
Education	0.99

Conduent's SocioNeeds Index Suite®

Conduent HCI's SocioNeeds Index Suite® provides analytics around non-medical drivers of health to better understand how health outcomes differ by geography and identify areas for action. The suite includes the Community Health Index, Food Insecurity Index, and Mental Health Index. See Table 10 for a full list of index values for each zip code in the Hillcrest Hospital community.

Table 10: Community Health Index, Food Insecurity Index, and Mental Health Index Values for Hillcrest Hospital Community Zip Codes

Zip Code	CHI Value	FII Value	MHI Value
44022	6.8	14.5	66.4
44023	4.0	6.2	40.0
44024	10.6	13.3	24.1
44026	36.9	26.3	57.4
44040	4.9	0.3	25.7
44045	10.8	5.3	6.6
44060	23.0	21.9	61.5
44077	18.4	55.5	81.2
44092	21.7	50.7	76.3
44094	11.0	32.3	71.3
44095	40.0	36.5	82.6
44118	31.9	62.9	88.6
44121	22.1	79.4	90.9
44122	13.3	35.0	90.6
44123	55.6	91.9	97.1
44124	14.7	29.0	77.7
44132	66.2	95.6	97.1
44139	4.7	12.4	34.5
44143	19.6	33.0	93.7
44146	25.3	71.7	97.2

Census Tract Key

The figures and tables below should serve as a guide for identifying census tracts that are described in various maps throughout this report. Figure 12 and Table 11 show the census tracts for each zip code in the Lake County portion of the Hillcrest Hospital Community.

Figure 12: Census Tract Key (Hillcrest Hospital, Lake County)

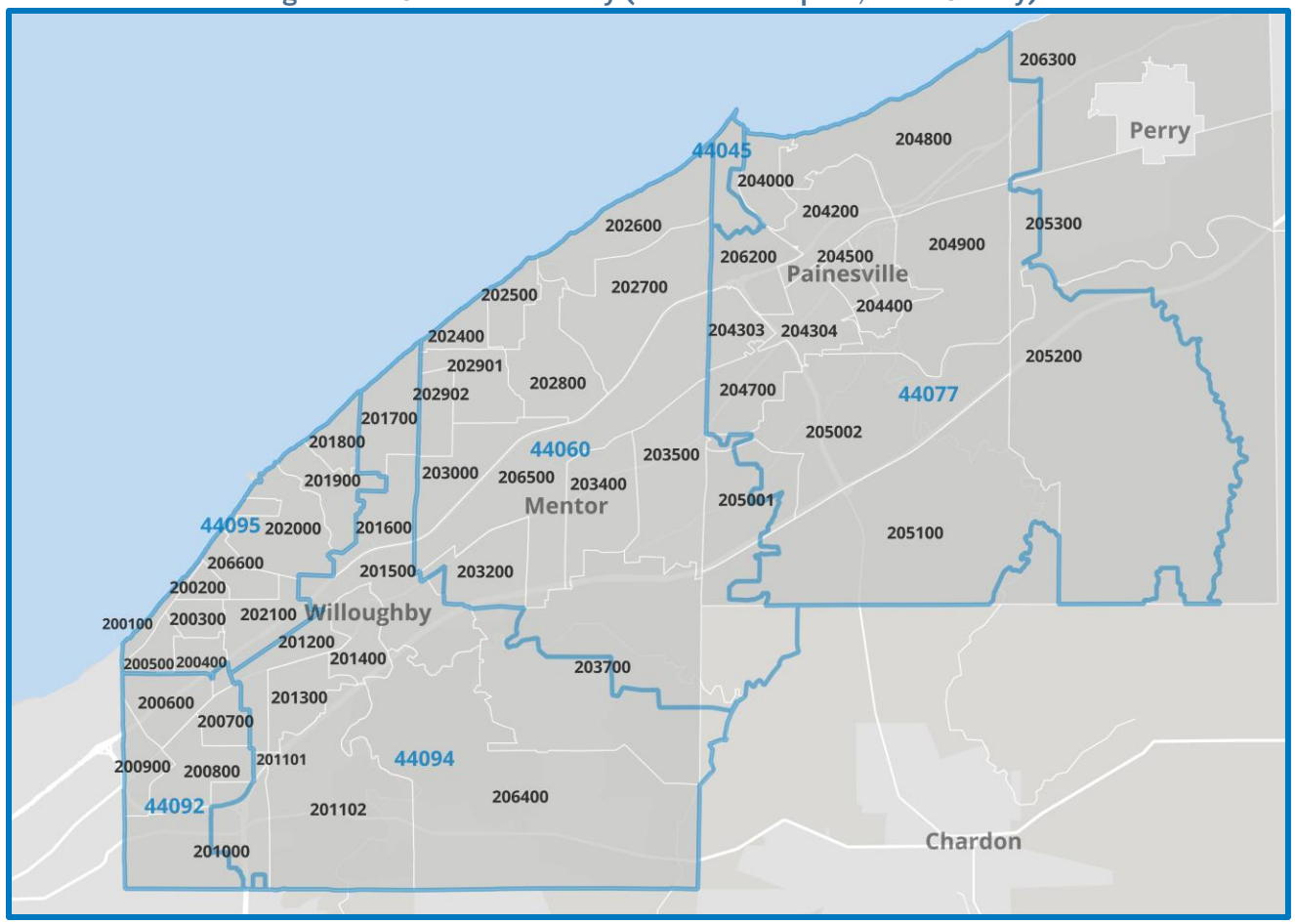


Table 11: Census Tracts by Zip Code (Hillcrest Hospital, Lake County)

44045	44060	44077	44092	44094	44095
206200	202400	204000	200600	201101	200100
	202500	204200	200700	201102	200200
	202600	204303	200800	201200	200300
	202700	204304	200900	201300	200400
	202800	204400	201000	201400	200500
	202901	204500		201500	201800
	202902	204700		201600	201900
	203000	204800		201700	202000
	203200	204900		206400	202100
	203400	205002			206600
	203500	205100			
	203700	205200			
	205001	205300			
	206500	206200			
		206300			

Figure 13 and Table 12 show the census tracts for each zip code in the northern Cuyahoga County portion of the Hillcrest Hospital Community.

Figure 13: Census Tract Key (Hillcrest Hospital, Northern Cuyahoga County)

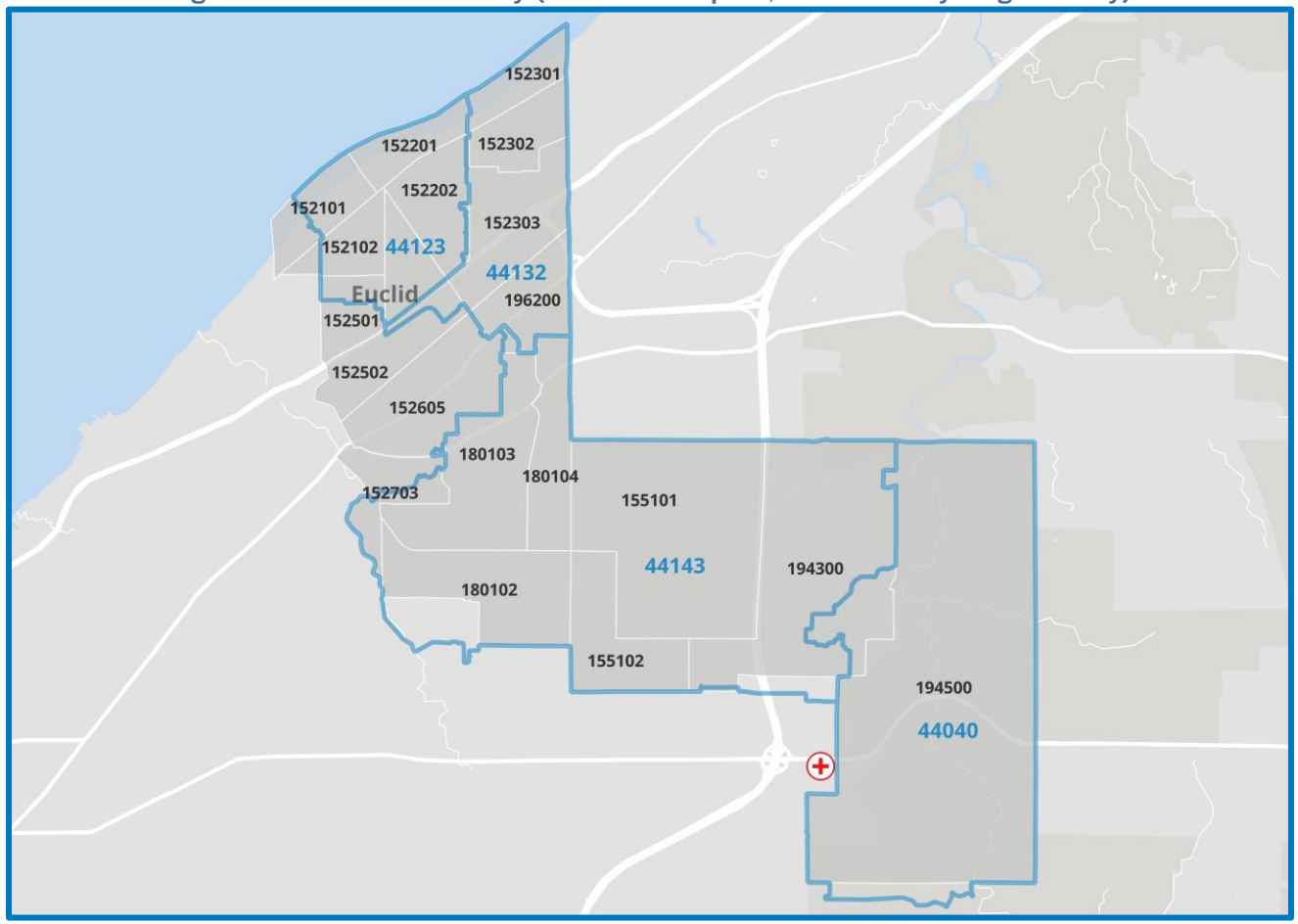


Table 12: Census Tracts by Zip Code (Hillcrest Hospital, Northern Cuyahoga County)

44040	44123	44132	44143
194300	152101	152202	152605
194500	152102	152301	152703
	152201	152302	155101
	152202	152303	155102
	152301	152502	172102
	152303	152605	172104
	152501	196200	172105
	152502		180102
			180103
			180104
			185104
			194300
			196200
			201000

Figure 14 and Table 13 show the census tracts for each zip code in western Cuyahoga County portion of the Hillcrest Hospital Community.

Figure 14: Census Tract Key (Hillcrest Hospital, Western Cuyahoga County)

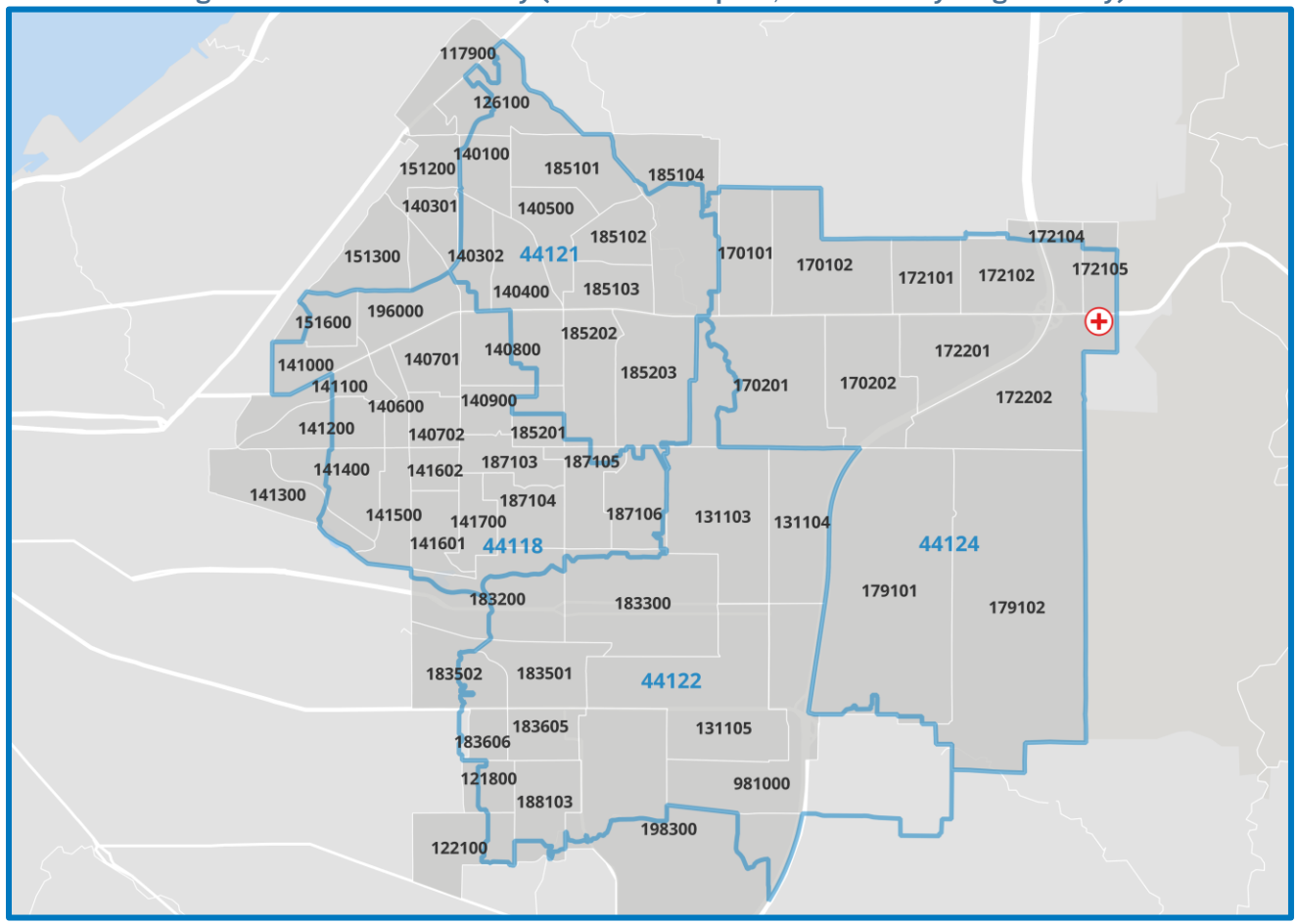


Table 13: Census Tracts by Zip Code (Hillcrest Hospital, Western Cuyahoga County)

44118	44121	44122	44124
140302	117900	121800	131103
140600	126100	122100	155102
140701	140100	131103	170101
140702	140301	131104	170102
140800	140302	131105	170201
140900	140400	170201	170202
141000	140500	179101	172101
141100	140800	183200	172102
141200	151200	183300	172104
141300	170201	183501	172105
141400	185101	183502	172201
141500	185102	183604	172202
141601	185103	183605	179101
141602	185104	183606	179102
141700	185201	185203	185104
151300	185202	187106	194300
151600	185203	188103	196300
183200	187105	197100	197100
183300	187106	198300	
185201		981000	
185202			
187103			
187104			
187105			
187106			
196000			

Figure 15 and Table 14 show the census tracts for each zip code in the southern Cuyahoga County portion of the Hillcrest Hospital Community.

Figure 15: Census Tract Key (Hillcrest Hospital, Southern Cuyahoga County)

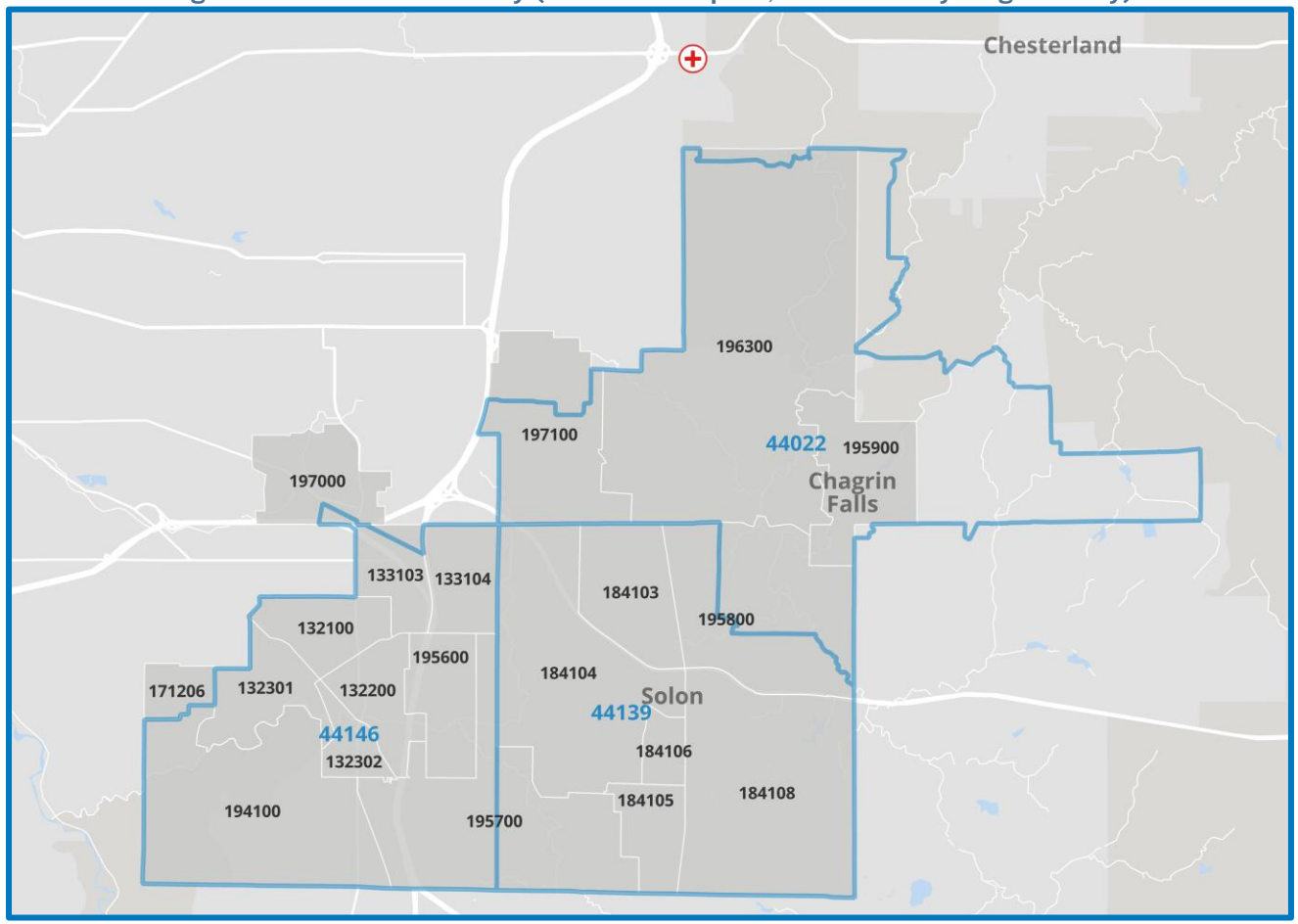


Table 14: Census Tracts by Zip Code (Hillcrest Hospital, Southern Cuyahoga County)

44022	44139	44146
179102	184103	132100
195800	184104	132200
195900	184105	132301
196300	184106	133103
	184108	133104
	195700	141206
	195800	171206
		194100
		195600
		195700
		197000

Figure 16 and Table 15 show the census tracts for each zip code in the Geauga County portion of the Hillcrest Hospital Community.

Figure 16: Census Tract Key (Hillcrest Hospital, Geauga County)

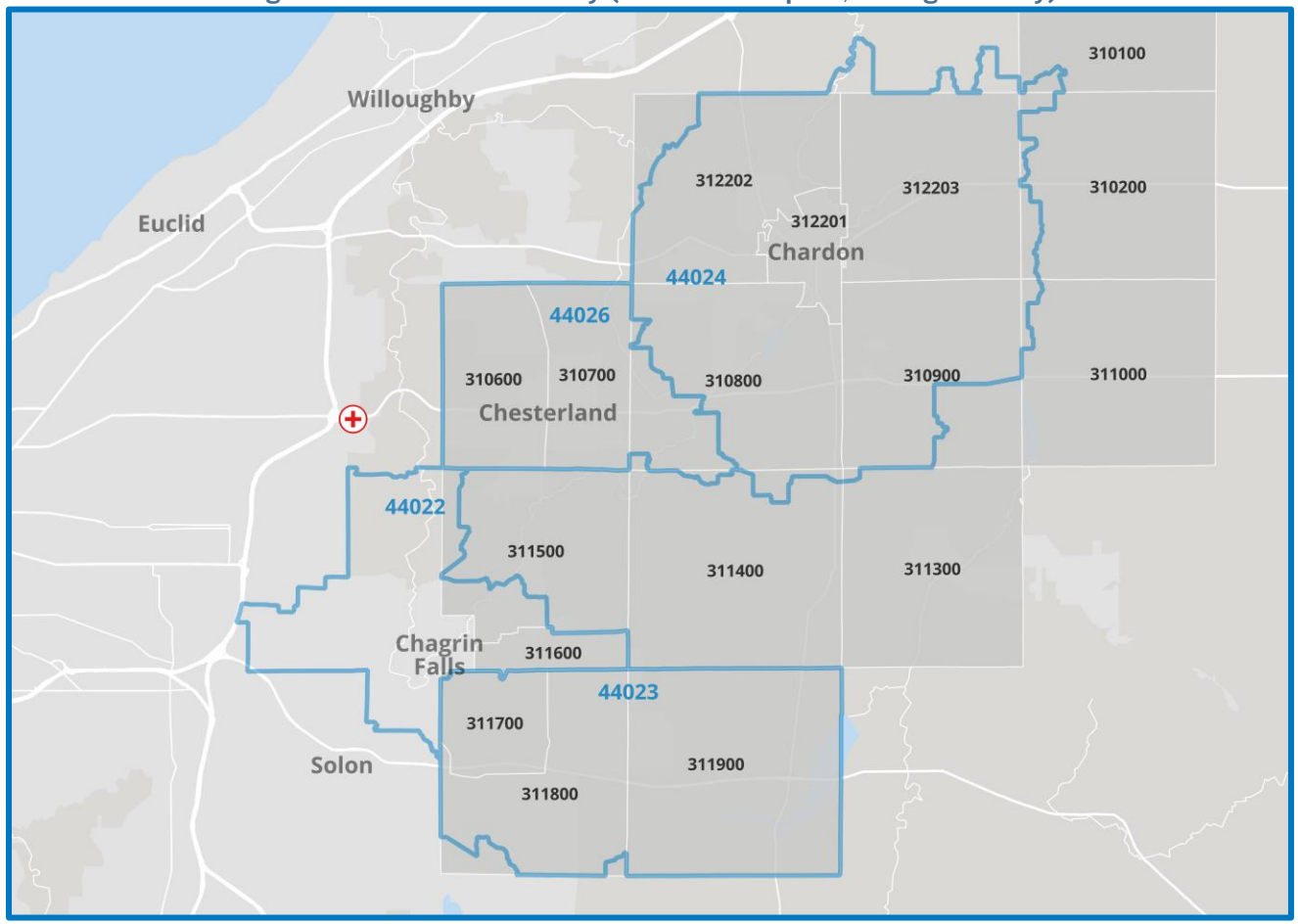


Table 15: Census Tracts by Zip Code (Hillcrest Hospital, Geauga County)

44022	44023	44024	44026
311500	311700	310100	310600
311600	311800	310200	310700
	311900	310800	310800
		310900	
		311000	
		311300	
		311400	
		312201	
		312202	
		312203	

Community Health Index (CHI)

Every community can be described by various demographic and economic factors that can contribute to differences in health outcomes. Conduent HCI's Community Health Index considers validated indicators related to income, employment, education, and household environment to identify areas at highest risk for experiencing concerning health outcomes.

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 nation. Communities with the highest index values are estimated to have the highest health-related social 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 CHI, with darker coloring associated with higher relative need.

Food Insecurity Index (FII)

Every community can be described by various demographic and economic factors that can contribute to differences in health outcomes. 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 nation. Communities with the highest index values are estimated to have the highest risk of food insecurity, which is correlated with correlated with household and community measures of food-related 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 FII, with darker coloring associated with higher relative need.

Mental Health Index (MHI)

Every community can be described by various demographic and economic factors that can contribute to differences in 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 mental health challenges.

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 nation. Communities with the highest index values are estimated to have the highest risk of 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 MHI, with darker coloring associated with higher relative need.

Data Considerations

Several data limitations 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 viability 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 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 health-related social needs that are 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 represent the population at large, these measures are subject to instability, especially for smaller populations.

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 naming conventions. 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 covers ZCTAs 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 sources from the U.S. 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.

Indicators of Concern for Prioritized Health Needs

Below are details regarding indicators of concern for all prioritized health needs discussed in this report. Each indicator includes a county-level value and standardized score, as well as the following comparison data, where available: state value, national value, state county distribution, national county distribution, and over-time trend. Table 16 describes how to interpret the icons used to describe county distributions and trend data.

Table 16: Icon Legend

Icon(s)	Definition
	If the needle is in the green, the county value is among the least concerning 50% of counties in the state or nation.
	If the needle is in the red, the county value is in the most concerning 25% (or worst quartile) of counties in the state or nation.
	The county value is significantly trending in a concerning direction.
	The county value is trending in a concerning direction, but not significantly.
	The county value is significantly trending in the ideal direction.
	The county value is trending in the ideal direction, but not significantly.

Cuyahoga County Indicators of Concern

Access to Healthcare: Cuyahoga County

As shown below, the topic *Health Care Access and Quality* was ranked as the fifteenth highest scoring health need, with a score of 1.30 out of 3. Those indicators scoring at or above 1.50 were categorized as indicators of concern and are listed in the table below.

SCORE	INDICATOR	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	OH Counties	U.S. Counties	Trend
2.38	Preventable Hospital Stays: Medicare Population	*discharges/ 100,000 Medicare enrollees*	3,677.0	--	3,269.0	2,769.0			--
2.35	Adults with Health Insurance: 18+	*percent*	72.1	--	74.7	75.2			
2.21	Adults who go to the Doctor Regularly for Checkups	*percent*	63.3	--	65.2	65.1			--
2.00	Adults who Visited a Dentist	*percent*	43.3	--	44.3	45.3			
1.85	Health Insurance Spending-to-Income Ratio	*percent*	7.1	--	6.8	6.1			--
1.68	Adults With Group Health Insurance	*percent*	36.0	--	37.4	39.8			--
1.65	High School Students who had a Dental Check-up, Exam, Cleaning or Other Dental Work	*percent*	69.6	--	--	--	--	--	--

Behavioral Health: Cuyahoga County

The prioritized health topic *Behavioral Health* was captured under three health topic areas: *Mental Health and Mental Disorders*, *Alcohol and Drug Use*, and *Tobacco Use*. The most concerning of these topics was *Alcohol and Drug Use* (Score: 1.38), followed by *Mental Health and Mental Disorders* (1.29), and the least concerning was *Tobacco Use* (1.05). Indicators from these three topic areas which scored at or above 1.50 were categorized as indicators of concern and are listed in the table below.

SCORE	INDICATOR	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	OH Counties	U.S. Counties	Trend
2.44	Alcohol-Impaired Driving Deaths	*percent of driving deaths with alcohol involvement*	42.5	--	32.1	--			
2.29	Self-Reported General Health Assessment: Good or Better	*percent*	84.2	--	85.4	86.0			
2.03	Age-Adjusted Drug and Opioid-Involved Overdose Death Rate	*Deaths per 100,000 population*	39.2	--	40.4	23.5			--
1.94	Death Rate due to Drug Poisoning	*deaths/ 100,000 population*	45.5	20.7	44.7	--			--
1.76	Adults who Binge Drink	*percent*	18.1	--	--	16.6			--
1.74	Adults who Drink Excessively	*percent*	21.0	--	21.2	--			
1.68	Cigarette Spending-to-Income Ratio	*percent*	2.2	--	2.2	1.9			--
1.68	Poor Mental Health: Average Number of Days	*days*	6.0	--	6.1	--			
1.59	Poor Mental Health: 14+ Days	*percent*	17.5	--	--	15.8			--
1.50	Adults who Feel Life is Slipping Out of Control	*Percent*	24.1	--	24.1	23.9			--

Chronic Disease Prevention and Management: Cuyahoga County

The prioritized health topic *Chronic Disease Prevention and Management* was captured under the following health topics: *Nutrition and Healthy Eating*, *Wellness and Lifestyle*, *Cancer*, *Diabetes*, *Heart Disease and Stroke*, *Other Chronic Conditions*, and *Older Adults*. The most concerning of these topics was *Other Chronic Conditions* (Score: 1.85), followed by *Older Adults* (1.60), *Wellness and Lifestyle* (1.55), *Nutrition and Healthy Eating* (1.47), *Diabetes* (1.46), *Cancer* (1.37), and the least concerning topic was *Heart Disease and Stroke* (1.24). Indicators from these seven topic areas which scored at or above 1.70 were categorized as indicators of concern and are listed in the table below.

SCORE	INDICATOR	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	OH Counties	U.S. Counties	Trend
3.00	Prostate Cancer Incidence Rate	*cases/ 100,000 males*	139.3	--	118.1	113.2			
3.00	People 65+ Living Alone	*percent*	36.1	--	30.2	26.5			
2.82	People 65+ Living Below Poverty Level	*percent*	12.3	--	9.5	10.4			
2.47	Age-Adjusted Death Rate due to Kidney Disease	*deaths/ 100,000 population*	18.0	--	15.1	--		--	
2.38	Adult Day Care Spending-to-Income Ratio	*percent*	13.4	--	11.3	12.3			--
2.29	Self-Reported General Health Assessment: Good or Better	*percent*	84.2	--	85.4	86.0			
2.24	Age-Adjusted Death Rate due to Prostate Cancer	*deaths/ 100,000 males*	23.2	16.9	19.3	19.0	--		
2.21	Adults who Frequently Cook Meals at Home	*Percent*	66.2	--	67.6	67.7			--
2.21	Cancer: Medicare Population	*percent*	13.0	--	12.0	12.0			--
2.03	Chronic Kidney Disease: Medicare Population	*percent*	20.0	--	19.0	18.0			--

2.00	Breast Cancer Incidence Rate	*cases/ 100,000 females*	136.1	--	132.3	129.8			
2.00	Adults 20+ with Diabetes	*percent*	9.9	--	--	--			
1.94	High School Students who Did Not Eat Any Fruit in the Past 7 Days	*percent*	6.7	--	--	--	--	--	--
1.85	Stroke: Medicare Population	*percent*	6.0	--	5.0	6.0			--
1.85	Osteoporosis: Medicare Population	*percent*	12.0	--	11.0	12.0			--
1.76	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	*Percent*	39.6	--	38.1	38.2			
1.76	Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)	*deaths/ 100,000 population*	40.8	33.4	46.0	--		--	
1.76	Age-Adjusted Death Rate due to Breast Cancer	*deaths/ 100,000 females*	21.9	15.3	20.2	19.3			
1.71	All Cancer Incidence Rate	*cases/ 100,000 population*	476.4	--	470.0	444.4			

Maternal and Child Health: Cuyahoga County

The prioritized health topic *Maternal and Child Health* was captured under two health topic areas: *Maternal, Fetal, and Infant Health* and *Children's Health*. The most concerning of these topics was *Children's Health*, with a score of 1.38, followed by *Maternal, Fetal, and Infant Health*, with a score of 1.51. Indicators from these topic areas which scored at or above 1.70 were categorized as indicators of concern and are listed in the table below.

SCORE	INDICATOR	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	OH Counties	U.S. Counties	Trend
2.71	Child Food Insecurity Rate	*percent*	26.7	--	19.8	18.5			
2.44	Babies with Low Birthweight	*percent*	10.8	--	8.7	8.6		--	
2.38	Child Mortality Rate: Under 20	*deaths/ 100,000 population under 20*	70.8	--	58.5	50.6			--
2.26	Teen Birth Rate: 15-17	*live births/ 1,000 females aged 15-17*	7.3	--	6.1	5.6		--	
2.21	Home Child Care Spending-to-Income Ratio	*percent*	3.8	--	3.3	3.4			--
2.18	Preterm Births	*percent*	12.0	9.4	10.8	--		--	
1.97	Infant Mortality Rate	*deaths/ 1,000 live births*	7.7	5.0	6.7	5.4	--	--	
1.91	Gestational Hypertension	*percent*	22.3	--	18.3	--	--	--	
1.91	Pre-Pregnancy Diabetes	*percent*	4.8	--	4.2	--	--	--	
1.91	Stopped Breastfeeding Due to Resuming Work	*percent*	26.6	--	17.5	--	--	--	
1.88	Babies with Very Low Birthweight	*percent*	1.9	--	1.5	--		--	

1.85	Ever Breastfed New Infant	*percent*	88.8	--	88.7	--	--	--	
1.74	Chronic Health Condition(s) During Pregnancy	*percent*	50.6	--	49.6	--	--	--	
1.74	Postpartum Depression	*percent*	16.4	--	16.3	--	--	--	
1.74	Pre-Pregnancy Hypertension	*percent*	7.6	--	7.0	--	--	--	

Health-Related Social Needs: Cuyahoga County

The prioritized health topic *Health-Related Social Needs* was captured under the quality of life topics *Community, Economy,* and Education, as well as the health topic *Prevention and Safety*. The topic *Prevention and Safety* was the eleventh highest scoring health topic with a score of 1.40. The most concerning quality of life topic was *Economy* (Score: 1.90), followed by *Education* (1.72), and the least concerning topic was *Community* (1.56). Indicators from these four health and quality of life topic areas which scored at or above 2.00 were categorized as indicators of concern and are listed in the table below.

SCORE	INDICATOR	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	OH Counties	U.S. Counties	Trend
3.00	People 65+ Living Alone	*percent*	36.1	--	30.2	26.5			
2.82	Median Monthly Owner Costs for Households without a Mortgage	*dollars*	654	--	570	612			
2.82	People 65+ Living Below Poverty Level	*percent*	12.3	--	9.5	10.4			
2.71	Child Food Insecurity Rate	*percent*	26.7	--	19.8	18.5			
2.56	Day Care Center and Preschool Spending-to-Income Ratio	*percent*	8.7	--	7.5	7.4			--
2.56	College Tuition Spending-to-Income Ratio	*percent*	14.7	--	12.9	12.4			--
2.56	Homeowner Spending-to-Income Ratio	*percent*	16.7	--	14.6	14.0			--
2.53	Veterans Living Below Poverty Level	*percent*	9.7	--	7.4	7.2			
2.44	Age-Adjusted Death Rate due to Firearms	*deaths/ 100,000 population*	20.2	10.7	13.5	12.0			--
2.44	Alcohol-Impaired Driving Deaths	*percent of driving deaths with alcohol involvement*	42.5	--	32.1	--			

2.41	Children in Single-Parent Households	*percent*	37.3	--	26.1	24.8			
2.41	Youth not in School or Working	*percent*	2.7	--	1.7	1.7			
2.38	Adult Day Care Spending-to-Income Ratio	*percent*	13.4	--	11.3	12.3			--
2.38	Home Renter Spending-to-Income Ratio	*percent*	19.3	--	16.8	17.7			--
2.38	Student Loan Spending-to-Income Ratio	*percent*	5.5	--	4.8	4.7			--
2.35	Adults with Internet Access	*percent*	78.6	--	80.9	81.3			
2.26	Residential Segregation - Black/White	*Score*	71.5	--	69.6	--			
2.26	Social Associations	*membership associations/ 10,000 population*	8.9	--	10.8	--			
2.26	People 65+ Living Below 200% of Poverty Level	*percent*	31.9	--	28.4	28.1	--		
2.21	Adults Who Vote in Presidential Elections: Always or Sometimes	*percent*	83.4	--	84.9	85.1			--
2.21	Age-Adjusted Death Rate due to Homicide	*deaths/ 100,000 population*	20.7	5.5	9.0	--	--	--	
2.21	Home Child Care Spending-to-Income Ratio	*percent*	3.8	--	3.3	3.4			--
2.21	Income Inequality	*Gini Index*	0.504	--	0.467	0.483			

2.21	Vocational, Technical, and Other School Tuition Spending-to-Income Ratio	*percent*	1.8	--	1.6	1.6			--
2.21	Student-to-Teacher Ratio	*students/ teacher*	16.9	--	16.6	15.2			
2.18	Linguistic Isolation	*percent*	2.7	--	1.5	4.2			
2.18	Food Insecurity Rate	*percent*	15.1	--	14.1	13.5			
2.12	Median Household Gross Rent	*dollars*	1,005	--	988	1,348			
2.12	Mortgaged Owners Median Monthly Household Costs	*dollars*	1,529	--	1,472	1,902			
2.12	Adults with Disability Living in Poverty	*percent*	33.1	--	28.2	24.6			
2.12	Households that Used Check Cashing, Cash Advance, or Title Loan Shops	*percent*	2.3	--	2.0	2.0			
2.03	Households Living Below Poverty Level	*percent*	16.7	--	14.0	--		--	
2.03	Utilities Spending-to-Income Ratio	*percent*	6.7	--	6.2	5.8			--
2.00	Voter Turnout: Presidential Election	*percent*	65.7	58.4	71.7	--		--	
2.00	Renters Spending 30% or More of Household Income on Rent	*percent*	47.5	25.5	45.1	50.4			

Geauga County Indicators of Concern

Access to Healthcare: Geauga County

The topic *Health Care Access and Quality* was ranked as the third highest scoring health need, with a score of 1.32 out of 3. Those indicators scoring at or above 1.50 were categorized as indicators of concern.

SCORE	INDICATOR	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	OH Counties	U.S. Counties	Trend
2.44	Children with Health Insurance	*percent*	79.7	--	95.1	94.6	--		
2.29	Dentist Rate	*dentists/ 100,000 population*	46.1	--	65.2	73.5			
2.18	Persons without Health Insurance	*percent*	11.4	--	6.1	7.9		--	
1.85	Non-Physician Primary Care Provider Rate	*providers/ 100,000 population*	57.6	--	148.7	--			
1.76	Persons with Health Insurance	*percent*	90.8	92.4	92.9	--			
1.62	Adults with Health Insurance	*percent*	88.4	--	91.6	89.0	--		

Behavioral Health: Geauga County

The prioritized health topic *Behavioral Health* was captured under three health topic areas: *Mental Health and Mental Disorders*, *Alcohol and Drug Use*, and *Tobacco Use*. The most concerning of these topics was *Mental Health and Mental Disorders* (1.19), followed by *Alcohol and Drug Use* (Score: 1.17), and the least concerning was *Tobacco Use* (0.78). Indicators from these three topic areas which scored at or above 1.50 were categorized as indicators of concern.

SCORE	INDICATOR	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	OH Counties	U.S. Counties	Trend
2.29	Adults who Binge Drink	*percent*	18.6	--	--	16.6			--
2.12	Adults who Drink Excessively	*percent*	23.2	--	21.2	--			
1.59	Adults Ever Diagnosed with Depression	*percent*	23.8	--	--	20.7			--
1.44	Mental Health Provider Rate	*providers/ 100,000 population*	270.4	--	349.4	--			
1.41	Age-Adjusted Death Rate due to Alzheimer's Disease	*deaths/ 100,000 population*	21.1	--	33.8	--			
1.38	Poor Mental Health: Average Number of Days	*days*	5.8	--	6.1	--			
1.32	Age-Adjusted Death Rate due to Suicide	*deaths/ 100,000 population*	14.1	12.8	14.5	--			

Chronic Disease Prevention and Management: Geauga County

The prioritized health topic *Chronic Disease Prevention and Management* was captured under the following health topics: *Nutrition and Healthy Eating*, *Wellness and Lifestyle*, *Cancer*, *Diabetes*, *Heart Disease and Stroke*, *Other Chronic Conditions*, and *Older Adults*. The most concerning of these topics was *Other Chronic Conditions* (Score: 1.44), followed by *Heart Disease and Stroke* (1.22), *Older Adults* (1.15), *Cancer* (1.06), *Diabetes* (0.95), *Wellness and Lifestyle* (0.81), and the least concerning topic was *Nutrition and Healthy Eating* (0.54). Indicators from these seven topic areas which scored at or above 1.70 were categorized as indicators of concern.

SCORE	INDICATOR	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	OH Counties	U.S. Counties	Trend
2.71	Breast Cancer Incidence Rate	*cases/ 100,000 females*	151.7	--	132.3	129.8			
2.29	Adults with Cancer (Non-Skin) or Melanoma	*percent*	10.7	--	--	8.2			--
2.21	Cancer: Medicare Population	*percent*	13.0	--	12.0	12.0			--
1.94	High Cholesterol Prevalence	*percent*	37.8	--	--	35.5			--
1.94	People 65+ Living Below Poverty Level (Count)	*people*	1449	--	--	--	--	--	
1.94	Prostate Cancer Incidence Rate	*cases/ 100,000 males*	111.7	--	118.1	113.2			
1.85	Osteoporosis: Medicare Population	*percent*	12.0	--	11.0	12.0			--
1.85	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	*percent*	39.0	--	39.0	36.0			--
1.76	Adults who Experienced Coronary Heart Disease	*percent*	8.6	--	--	6.8			--
1.76	Adults with Arthritis	*percent*	32.1	--	--	26.6			--
1.68	Hyperlipidemia: Medicare Population	*percent*	67.0	--	67.0	66.0			--

1.65	All Cancer Incidence Rate	*cases/ 100,000 population*	466.0	--	470.0	444.4			
1.65	People 65+ Living Alone (Count)	*people*	4107	--	--	--	--	--	
1.59	Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)	*deaths/ 100,000 population*	39.8	33.4	46.0	--			
1.50	Asthma: Medicare Population	*percent*	7.0	--	7.0	7.0			--
1.50	Ischemic Heart Disease: Medicare Population	*percent*	22.0	--	22.0	21.0			--
1.41	Age-Adjusted Death Rate due to Diabetes	*deaths/ 100,000 population*	17.1	--	28.4	--			

Maternal and Child Health: Geauga County

The prioritized health topic *Maternal and Child Health* was captured under two health topic areas: *Maternal, Fetal, and Infant Health* and *Children's Health*. The more concerning of these topics was *Children's Health*, with a score of 1.08, followed by *Maternal, Fetal, and Infant Health*, with a score of 1.00. Indicators from these topic areas which scored at or above 1.00 were categorized as indicators of concern.

SCORE	INDICATOR	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	OH Counties	U.S. Counties	Trend
2.44	Children with Health Insurance	*percent*	79.7	--	95.1	94.6	--		
2.15	Mothers who Received Early Prenatal Care	*percent*	55.3	--	68.6	75.3		--	
1.29	Blood Lead Levels in Children (>=5 micrograms per deciliter)	*percent*	1.1	--	1.9	--		--	
1.09	Mothers who Smoked During Pregnancy	*percent*	4.4	4.3	7.9	3.7		--	
1.06	Child Care Centers	*per 1,000 population under age 5*	8.0	--	8.0	7.0		--	--
1.06	Child Mortality Rate: Under 20	*deaths/ 100,000 population under 20*	51.5	--	59.2	--			--

Health-Related Social Needs: Geauga County

The prioritized health topic *Health-Related Social Needs* was captured under the quality of life topics *Community, Economy,* and Education, as well as the health topic *Prevention and Safety*. The topic *Prevention and Safety* was the fifteenth highest scoring health topic with a score of 0.91. The most concerning quality of life topic was *Community* (Score: 1.07), followed by *Economy* (0.86), and the least concerning topic was *Education* (0.78). Indicators from these four health and quality of life topic areas which scored at or above 1.50 were categorized as indicators of concern.

SCORE	INDICATOR	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	OH Counties	U.S. Counties	Trend
3.00	Median Monthly Owner Costs for Households without a Mortgage	*dollars*	738	--	570	612			
2.82	Mortgaged Owners Median Monthly Household Costs	*dollars*	1918	--	1472	1902			
2.41	Youth not in School or Working	*percent*	3.8	--	1.7	1.7			
2.38	Veterans Living Below Poverty Level	*percent*	9.1	--	7.4	7.2			
2.15	Solo Drivers with a Long Commute	*percent*	44.6	--	30.5	--			
2.12	Median Household Gross Rent	*dollars*	1018	--	988	1348			
2.06	Mean Travel Time to Work	*minutes*	27.6	--	23.6	26.6			
2.06	Persons with an Internet Subscription	*percent*	84.5	--	91.3	92.0			
2.06	Student-to-Teacher Ratio	*students/ teacher*	17.6	--	16.6	15.2			

1.94	Female Population 16+ in Civilian Labor Force	*percent*	57.1	--	59.2	58.7			
1.94	People 65+ Living Below Poverty Level (Count)	*people*	1449	--	--	--	--	--	
1.76	Persons with Health Insurance	*percent*	90.8	92.4	92.9	--			
1.71	Workers who Walk to Work	*percent*	1.8	--	2.0	2.4			
1.65	People 65+ Living Alone (Count)	*people*	4107	--	--	--	--	--	
1.65	Workers Commuting by Public Transportation	*percent*	0.6	5.3	1.1	3.5		--	
1.62	Gender Pay Gap	*cents on the dollar*	0.7	--	0.7	0.8	--		
1.62	Social Associations	*membership associations/ 10,000 population*	10.0	--	10.8	--			

Lake County Indicators of Concern

Access to Healthcare: Lake County

The topic *Health Care Access and Quality* was ranked as the sixteenth highest scoring health need, with a score of 1.12 out of 3. Those indicators scoring at or above 1.00 were categorized as indicators of concern.

SCORE	INDICATOR	UNITS	LAKE COUNTY	HP2030	OH	U.S.	OH Counties	U.S. Counties	Trend
2.35	Primary Care Provider Rate	*providers/ 100,000 population*	41.4	--	75.3	74.9			
2.21	Preventable Hospital Stays: Medicare Population	*discharges/ 100,000 Medicare enrollees*	3544.0	--	3269.0	2769.0			--
1.35	Health Insurance Spending-to-Income Ratio	*percent*	6.5	--	6.6	5.9			
1.32	Non-Physician Primary Care Provider Rate	*providers/ 100,000 population*	93.2	--	148.7				
1.29	Adults with Health Insurance: 18+	*percent*	76.9	--	74.7	75.2			
1.12	Dentist Rate	*dentists/ 100,000 population*	67.3	--	65.2	73.5			
1.06	Adults who have had a Routine Checkup	*percent*	79.1	--		76.1			--

Behavioral Health: Lake County

The prioritized health topic *Behavioral Health* was captured under three health topic areas: *Mental Health and Mental Disorders*, *Alcohol and Drug Use*, and *Tobacco Use*. The most concerning of these topics was *Alcohol and Drug Use* (Score: 1.56), followed by *Mental Health and Mental Disorders* (1.23), and the least concerning was *Tobacco Use* (1.01). Indicators from these three topic areas which scored at or above 1.50 were categorized as indicators of concern.

SCORE	INDICATOR	UNITS	LAKE COUNTY	HP2030	OH	U.S.	OH Counties	U.S. Counties	Trend
2.44	Alcohol-Impaired Driving Deaths	*percent of driving deaths with alcohol involvement*	50.0	--	32.1	--			
2.03	Age-Adjusted Drug and Opioid-Involved Overdose Death Rate	*Deaths per 100,000 population*	39.4	--	40.4	23.5			--
2.00	Age-Adjusted Death Rate due to Suicide	*deaths/ 100,000 population*	16.8	12.8	14.5	--			
1.74	Poor Mental Health: Average Number of Days	*days*	6.1	--	6.1	--			
1.59	Adults Ever Diagnosed with Depression	*percent*	24.7	--	--	20.7			--
1.59	Poor Mental Health: 14+ Days	*percent*	17.7	--	--	15.8			--
1.59	Adults who Binge Drink	*percent*	17.1	--	--	16.6			--

Chronic Disease Prevention and Management: Lake County

The prioritized health topic *Chronic Disease Prevention and Management* was captured under the following health topics: *Nutrition and Healthy Eating*, *Wellness and Lifestyle*, *Cancer*, *Diabetes*, *Heart Disease and Stroke*, *Other Chronic Conditions*, and *Older Adults*. The most concerning of these topics was *Other Chronic Conditions* (Score: 1.72), followed by *Older Adults* (1.51), *Heart Disease and Stroke* (1.45), *Cancer* (1.43), *Diabetes* (1.34), *Nutrition and Healthy Eating* (1.32), and the least concerning topic was *Wellness and Lifestyle* (1.30). Indicators from these seven topic areas which scored at or above 1.70 were categorized as indicators of concern.

SCORE	INDICATOR	UNITS	LAKE COUNTY	HP2030	OH	U.S.	OH Counties	U.S. Counties	Trend
2.82	People 65+ Living Alone	*percent*	30.9	--	30.2	26.5			
2.74	Cervical Cancer Incidence Rate	*cases/ 100,000 females*	10.6	--	7.8	7.5	--		
2.47	Age-Adjusted Death Rate due to Falls	*deaths/ 100,000 population*	21.1	--	12.1	--			
2.38	Osteoporosis: Medicare Population	*percent*	13.0	--	11.0	12.0			--
2.38	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	*percent*	40.0	--	39.0	36.0			--
2.35	Breast Cancer Incidence Rate	*cases/ 100,000 females*	141.9	--	132.3	129.8			
2.21	Hyperlipidemia: Medicare Population	*percent*	70.0	--	67.0	66.0			--
2.12	Adults with Cancer (Non-Skin) or Melanoma	*percent*	9.8	--	--	8.2			--
2.12	Prostate Cancer Incidence Rate	*cases/ 100,000 males*	114.2	--	118.1	113.2			
2.00	All Cancer Incidence Rate	*cases/ 100,000 population*	488.5	--	470.0	444.4			

1.94	Adults with Arthritis	*percent*	33.4	--	--	26.6			--
1.94	Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)	*deaths/ 100,000 population*	43.9	33.4	46.0	--			
1.94	People 65+ Living Alone (Count)	*people*	15103	--	--	--	--	--	
1.94	People 65+ Living Below Poverty Level (Count)	*people*	3438	--	--	--	--	--	
1.85	Adults who Frequently Cook Meals at Home	*Percent*	67.7	--	67.6	67.7			--
1.85	Stroke: Medicare Population	*percent*	6.0	--	5.0	6.0			--
1.82	Age-Adjusted Death Rate due to Prostate Cancer	*deaths/ 100,000 males*	19.7	16.9	19.3	19.0	--		
1.76	Adults who Experienced Coronary Heart Disease	*percent*	8.7	--	--	6.8			--
1.76	Insufficient Sleep	*percent*	38.9	26.7	--	36.0			--

Maternal and Child Health: Lake County

The prioritized health topic *Maternal and Child Health* was captured under two health topic areas: *Maternal, Fetal, and Infant Health* and *Children's Health*. The more concerning of these topics was *Maternal, Fetal, and Infant Health*, with a score of 1.07, followed by *Children's Health*, with a score of 0.79. Indicators from these topic areas which scored at or above 1.00 were categorized as indicators of concern.

SCORE	INDICATOR	UNITS	LAKE COUNTY	HP2030	OH	U.S.	OH Counties	U.S. Counties	Trend
1.65	Preterm Births	*percent*	10.6	9.4	10.8	--		--	--
1.26	Mothers who Received Early Prenatal Care	*percent*	70.2	--	68.6	75.3		--	
1.09	Mothers who Smoked During Pregnancy	*percent*	5.8	4.3	7.9	3.7		--	
1.06	Child Care Centers	*per 1,000 population under age 5*	8.2	--	8.0	7.0		--	--
1.03	Babies with Low Birthweight	*percent*	7.6	--	8.7	8.6		--	
1.00	Babies with Very Low Birthweight	*percent*	1.0	--	1.5	--		--	

Health-Related Social Needs: Lake County

The prioritized health topic *Health-Related Social Needs* was captured under the quality of life topics *Community, Economy,* and Education, as well as the health topic *Prevention and Safety*. The topic *Prevention and Safety* was the fourteenth highest scoring health topic with a score of 1.23. The most concerning quality of life topic was *Community* (Score: 1.16), followed by *Economy* (1.02), and the least concerning topic was *Education* (0.99). Indicators from these four health and quality of life topic areas which scored at or above 1.50 were categorized as indicators of concern.

SCORE	INDICATOR	UNITS	LAKE COUNTY	HP2030	OH	U.S.	OH Counties	U.S. Counties	Trend
2.82	People 65+ Living Alone	*percent*	30.9	--	30.2	26.5			
2.71	Workers who Walk to Work	*percent*	1.1	--	2.0	2.4			
2.65	Median Monthly Owner Costs for Households without a Mortgage	*dollars*	620	--	570	612			
2.53	Student-to-Teacher Ratio	*students/ teacher*	18.0	--	16.6	15.2			
2.53	Total Employment Change	*percent*	0.9	--	2.9	5.8			
2.47	Age-Adjusted Death Rate due to Falls	*deaths/ 100,000 population*	21.1	--	12.1	--			
2.44	Alcohol-Impaired Driving Deaths	*percent of driving deaths with alcohol involvement*	50.0	--	32.1	--			
2.38	Grandparents Who Are Responsible for Their Grandchildren	*percent*	42.4	--	41.3	32.0		--	

2.29	Median Household Gross Rent	*dollars*	1073	--	988	1348			
2.26	Social Associations	*membership associations/ 10,000 population*	8.5	--	10.8	--			
2.12	Renters Spending 30% or More of Household Income on Rent	*percent*	46.0	25.5	45.1	50.4			
2.06	Homeowner Spending-to-Income Ratio	*percent*	14.5	--	14.3	13.5			
2.06	Youth not in School or Working	*percent*	2.2	--	1.7	1.7			
1.94	Mortgaged Owners Median Monthly Household Costs	*dollars*	1472	--	1472	1902			
1.94	People 65+ Living Alone (Count)	*people*	15103	--	--	--	--	--	
1.94	People 65+ Living Below Poverty Level (Count)	*people*	3438	--	--	--	--	--	
1.76	Death Rate due to Injuries	*deaths/ 100,000 population*	102.2	--	100.7	--			--
1.68	Linguistic Isolation	*percent*	1.6	--	1.5	4.2			
1.65	Children in Single-Parent Households	*percent*	24.7	--	26.1	24.8			

1.65	Workers Commuting by Public Transportation	*percent*	0.6	5.3	1.1	3.5		--	
1.50	High School Graduation	*percent*	93.6	90.7	92.5	--		--	
1.50	Households that are Asset Limited, Income Constrained, Employed (ALICE)	*percent*	24.7	--	25.0	29.4		--	

All Indicator Scores by Topic Area

Below we have included tables of all indicators that were scored as part of the secondary data analysis for Cuyahoga, Geauga, and Lake counties. Indicators are grouped under their respective health and quality of life topic areas.

Cuyahoga County Indicator Scores

Table 18 includes all indicators that were scored as part of the Cuyahoga County secondary data analysis. Refer to Table 17 to identify each indicator's data source.

Table 17: Indicator Scoring Data Source Key

Key	Data Source
1	American Community Survey 1-Year
2	American Community Survey 5-Year
3	American Lung Association
4	Annie E. Casey Foundation
5	CDC - PLACES
6	Centers for Disease Control and Prevention
7	Centers for Medicare & Medicaid Services
8	Claritas Consumer Profiles
9	Claritas Consumer Spending Dynamix
10	County Health Rankings
11	Early Ages Healthy Stages
12	Feeding America
13	National Cancer Institute
14	National Center for Education Statistics
15	National Environmental Public Health Tracking Network
16	Ohio Department of Education
17	Ohio Dept. of Health, Infectious Diseases
18	Ohio Dept. of Health, Vital Statistics
19	Ohio Dept. of Health's Ohio Healthy Homes Lead Poisoning Prevention Program
20	Ohio Dept. of Public Safety, Office of Criminal Justice Services
21	Ohio Public Health Information Warehouse
22	Ohio Secretary of State
23	Prevention Research Center for Healthy Neighborhoods
24	Purdue Center for Regional Development
25	The Ohio Pregnancy Assessment Survey (OPAS) Dashboard
26	U.S. Bureau of Labor Statistics
27	U.S. Census - County Business Patterns
28	U.S. Census Bureau - Small Area Health Insurance Estimates
29	U.S. Environmental Protection Agency
30	United For ALICE

Table 18: All Cuyahoga County Secondary Data Indicators

SCORE	ADOLESCENT HEALTH	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	SOURCE
2.26	Teen Birth Rate: 15-17	*live births/ 1,000 females aged 15-17*	7.3		6.1	5.6	*2022*	18
1.94	High School Students who Did Not Eat Any Fruit in the Past 7 Days	*percent*	6.7				*2023*	23
1.94	High School Students who have Ever Been Taught About AIDS or HIV Infection in School	*percent*	64.4				*2023*	23
1.94	High School Students who were Ever Tested for HIV	*percent*	6.2				*2023*	23
1.65	High School Students who are Obese	*percent*	17.3				*2023*	23
1.65	High School Students who had a Dental Check-up, Exam, Cleaning or Other Dental Work	*percent*	69.6				*2023*	23
1.35	High School Students who are Overweight	*percent*	15.7				*2023*	23
1.35	High School Students who Carried a Weapon on School Property	*percent*	2.0				*2023*	23
1.35	High School Students who Described Health as Excellent or Very Good	*percent*	47.9				*2023*	23
1.35	High School Students who Did Not Eat Breakfast Every Day	*percent*	74.7				*2023*	23
1.35	High School Students who Did Not Go to School Because They Felt Unsafe at School or	*percent*	9.1				*2023*	23

	on Their Way To or From School				
1.35	High School Students who Did Something to Purposefully Hurt Themselves Without Wanting to Die	*percent*	16.3	*2023*	23
1.35	High School Students who Drove After Drinking Alcohol	*percent*	3.2	*2023*	23
1.35	High School Students who Engage in Regular Physical Activity	*percent*	42.8	*2023*	23
1.35	High School Students who Ever Misused Prescription Pain Medication	*percent*	9.5	*2023*	23
1.35	High School Students who Feel Like They Matter to People in Their Community	*percent*	48.4	*2023*	23
1.35	High School Students who had a Check-up or Physical Exam	*percent*	73.4	*2023*	23
1.35	High School Students who had Been Stopped, Questioned, or Searched by Police	*percent*	15.3	*2021*	23
1.35	High School Students who had Mostly Negative or Negative Encounters With Police	*percent*	20.4	*2021*	23
1.35	High School Students Who Have Attempted Suicide: Past Year	*percent*	7.6	*2023*	23
1.35	High School Students who Obtained 8+ Hours of Sleep	*percent*	23.5	*2023*	23

1.35	High School Students who Used Birth Control to Prevent Pregnancy at Last Intercourse with Opposite-Sex Partner	*percent*	26.4	*2023*	23
1.35	High School Students who Usually Used Marijuana by Smoking it as a Blunt	*percent*	54.8	*2023*	23
1.35	High School Students who Went Hungry Because There Was Not Enough Food in the Home	*percent*	3.5	*2023*	23
1.35	High School Students who were Bullied on School Property	*percent*	13.6	*2023*	23
1.35	High School Students who were Ever Physically Forced to have Sexual Intercourse	*percent*	5.3	*2023*	23
1.35	High School Students who were in a Physical Fight	*percent*	23.3	*2023*	23
1.35	High School Students who were Physically Forced to Do Sexual Things by Someone They were Dating or Going Out With	*percent*	10.6	*2023*	23
1.35	High School Students who were Physically Injured by Someone They were Dating or Going Out With	*percent*	8.0	*2023*	23
1.35	High School Students who were Threatened or Injured with a Weapon on School Property	*percent*	7.4	*2023*	23
1.06	High School Students who Did Not Always Wear a Seatbelt	*percent*	50.7	*2023*	23
1.06	High School Students who Ever Drank Alcohol	*percent*	31.3	*2023*	23

1.06	High School Students who Ever Used an Illicit Drug	*percent*	2.1				*2023*	23
1.06	High School Students who Ever Used Marijuana	*percent*	24.7				*2023*	23
1.06	High School Students who have Been Pregnant or Gotten Someone Pregnant	*percent*	1.3				*2023*	23
1.06	High School Students who Rode with a Driver who had been Drinking Alcohol	*percent*	14.4				*2023*	23
1.06	High School Students who Seriously Considered Attempting Suicide	*percent*	13.3				*2023*	23
1.06	High School Students who Smoked Cigarettes: Past 30 Days	*percent*	1.3				*2023*	23
1.06	High School Students who Texted or E-mailed While Driving	*percent*	30.7				*2023*	23
1.06	High School Students who Use a Cigar Product	*percent*	3.1				*2023*	23
1.06	High School Students who Use Alcohol	*percent*	14.9				*2023*	23
1.06	High School Students who Use an Electronic Vapor Product	*percent*	7.0				*2023*	23
1.06	High School Students who Use Hookah or Waterpipe	*percent*	1.7				*2023*	23
1.06	High School Students who Use Marijuana	*percent*	15.4				*2023*	23
1.06	High School Students who were Electronically Bullied	*percent*	11.9				*2023*	23

SCORE	**ALCOHOL & DRUG USE**	**UNITS**	**CUYAHOGA COUNTY**	**HP2030**	**OH**	**U.S.**	**MEASUREMENT PERIOD**	**Source**

2.44	Alcohol-Impaired Driving Deaths	*percent of driving deaths with alcohol involvement*	42.5		32.1		*2018-2022*	10
2.03	Age-Adjusted Drug and Opioid-Involved Overdose Death Rate	*Deaths per 100,000 population*	39.2		40.4	23.5	*2018-2020*	6
1.94	Death Rate due to Drug Poisoning	*deaths/ 100,000 population*	45.5	20.7	44.7		*2020-2022*	10
1.76	Adults who Binge Drink	*percent*	18.1			16.6	*2022*	5
1.74	Adults who Drink Excessively	*percent*	21.0		21.2		*2022*	10
1.35	High School Students who Ever Misused Prescription Pain Medication	*percent*	9.5				*2023*	23
1.35	High School Students who Usually Used Marijuana by Smoking it as a Blunt	*percent*	54.8				*2023*	23
1.06	High School Students who Ever Drank Alcohol	*percent*	31.3				*2023*	23
1.06	High School Students who Ever Used an Illicit Drug	*percent*	2.1				*2023*	23
1.06	High School Students who Ever Used Marijuana	*percent*	24.7				*2023*	23
1.06	High School Students who Use Alcohol	*percent*	14.9				*2023*	23
1.06	High School Students who Use Marijuana	*percent*	15.4				*2023*	23
0.82	Liquor Store Density	*stores/ 100,000 population*	6.1		5.6	10.9	*2022*	27
0.62	Mothers who Smoked During Pregnancy	*percent*	3.8	4.3	7.9	3.7	*2022*	18

SCORE	CANCER	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source

3.00	Prostate Cancer Incidence Rate	*cases/ 100,000 males*	139.3		118.1	113.2	*2017-2021*	13
2.24	Age-Adjusted Death Rate due to Prostate Cancer	*deaths/ 100,000 males*	23.2	16.9	19.3	19.0	*2018-2022*	13
2.21	Cancer: Medicare Population	*percent*	13.0		12.0	12.0	*2023*	7
2.00	Breast Cancer Incidence Rate	*cases/ 100,000 females*	136.1		132.3	129.8	*2017-2021*	13
1.76	Age-Adjusted Death Rate due to Breast Cancer	*deaths/ 100,000 females*	21.9	15.3	20.2	19.3	*2018-2022*	13
1.71	All Cancer Incidence Rate	*cases/ 100,000 population*	476.4		470.0	444.4	*2017-2021*	13
1.41	Colon Cancer Screening: USPSTF Recommendation	*percent*	66.2			66.3	*2022*	5
1.41	Colorectal Cancer Incidence Rate	*cases/ 100,000 population*	40.2		38.9	36.4	*2017-2021*	13
1.24	Adults with Cancer (Non-Skin) or Melanoma	*percent*	8.3			8.2	*2022*	5
1.06	Lung and Bronchus Cancer Incidence Rate	*cases/ 100,000 population*	61.7		64.3	53.1	*2017-2021*	13
0.88	Age-Adjusted Death Rate due to Cancer	*deaths/ 100,000 population*	159.5	122.7	161.1	146.0	*2018-2022*	13
0.88	Age-Adjusted Death Rate due to Colorectal Cancer	*deaths/ 100,000 population*	13.8	8.9	13.9	12.9	*2018-2022*	13
0.88	Age-Adjusted Death Rate due to Lung Cancer	*deaths/ 100,000 population*	36.6	25.1	39.8	32.4	*2018-2022*	13
0.88	Cervical Cancer Screening: 21-65	*Percent*	83.2			82.8	*2020*	5
0.88	Mammogram in Past 2 Years: 50-74	*percent*	78.7	80.3		76.5	*2022*	5
0.85	Cervical Cancer Incidence Rate	*cases/ 100,000 females*	6.5		7.8	7.5	*2017-2021*	13
0.76	Oral Cavity and Pharynx Cancer Incidence Rate	*cases/ 100,000 population*	11.5		12.8	12.0	*2017-2021*	13

0.62	Mammography Screening: Medicare Population	*percent*	52.0		51.0	39.0	*2023*	7

SCORE	CHILDREN'S HEALTH	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.71	Child Food Insecurity Rate	*percent*	26.7		19.8	18.5	*2022*	12
2.38	Child Mortality Rate: Under 20	*deaths/ 100,000 population under 20*	70.8		58.5	50.6	*2018-2021*	10
2.21	Home Child Care Spending-to-Income Ratio	*percent*	3.8		3.3	3.4	*2024*	9
1.65	Children Served by Designated Ohio Healthy Programs (Count)	*children*	4,611				*2021*	11
1.65	Designated Ohio Healthy Programs (Count)	*programs*	73				*2021*	11
1.65	Families Served by Designated Ohio Healthy Programs (Count)	*families*	2,423				*2021*	11
1.65	Family Engagement Activities Supported by Designated Ohio Healthy Programs (Count)	*activities*	2,640				*2021*	11
1.65	Healthy Policies Adopted by Designated Ohio Healthy Programs (Count)	*policies*	264				*2021*	11
1.62	Blood Lead Levels in Children (>=10 micrograms per deciliter)	*percent*	1.6		0.6		*2021*	19
1.41	Substantiated Child Abuse Rate	*cases/ 1,000 children*	9.3	8.7	6.9		*2021*	4
1.38	Children with Health Insurance	*percent*	96.4		95.1	94.6	*2023*	1
1.35	Blood Lead Levels in Children (>=10 micrograms per deciliter; Count)	*children*	312				*2021*	19

1.35	Blood Lead Levels in Children (>=5 micrograms per deciliter; Count)	*children*	1,056				*2021*	19
1.32	Blood Lead Levels in Children (>=5 micrograms per deciliter)	*percent*	5.5		2.0		*2021*	19
0.71	Child Care Centers	*per 1,000 population under age 5*	10.3		8.0	7.0	*2022*	10

SCORE	COMMUNITY	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
3.00	People 65+ Living Alone	*percent*	36.1		30.2	26.5	*2019-2023*	2
2.82	Median Monthly Owner Costs for Households without a Mortgage	*dollars*	654		570	612	*2019-2023*	2
2.56	Day Care Center and Preschool Spending-to-Income Ratio	*percent*	8.7		7.5	7.4	*2024*	9
2.44	Age-Adjusted Death Rate due to Firearms	*deaths/ 100,000 population*	20.2	10.7	13.5	12.0	*2018-2020*	6
2.44	Alcohol-Impaired Driving Deaths	*percent of driving deaths with alcohol involvement*	42.5		32.1		*2018-2022*	10
2.41	Children in Single-Parent Households	*percent*	37.3		26.1	24.8	*2019-2023*	2
2.41	Youth not in School or Working	*percent*	2.7		1.7	1.7	*2019-2023*	2
2.38	Adult Day Care Spending-to-Income Ratio	*percent*	13.4		11.3	12.3	*2024*	9
2.35	Adults with Internet Access	*percent*	78.6		80.9	81.3	*2024*	8
2.26	Residential Segregation - Black/White	*Score*	71.5		69.6		*2025*	10

2.26	Social Associations	*membership associations/ 10,000 population*	8.9		10.8		*2022*	10
2.21	Adults Who Vote in Presidential Elections: Always or Sometimes	*percent*	83.4		84.9	85.1	*2024*	8
2.21	Age-Adjusted Death Rate due to Homicide	*deaths/ 100,000 population*	20.7	5.5	9.0		*2020-2022*	21
2.18	Linguistic Isolation	*percent*	2.7		1.5	4.2	*2019-2023*	2
2.12	Median Household Gross Rent	*dollars*	1,005		988	1,348	*2019-2023*	2
2.12	Mortgaged Owners Median Monthly Household Costs	*dollars*	1,529		1,472	1,902	*2019-2023*	2
2.00	Voter Turnout: Presidential Election	*percent*	65.7	58.4	71.7		*2024*	22
1.94	Children Living Below Poverty Level	*percent*	23.2		18.0	16.3	*2019-2023*	2
1.94	People 65+ Living Alone (Count)	*people*	85,788				*2019-2023*	2
1.94	People Living Below Poverty Level	*percent*	16.2	8.0	13.2	12.4	*2019-2023*	2
1.88	Violent Crime Rate	*crimes/ 100,000 population*	856.5		359.0		*2023*	20
1.85	Households with a Computer	*percent*	83.3		85.2	86.0	*2024*	8
1.76	Young Children Living Below Poverty Level	*percent*	24.9		20.0	17.6	*2019-2023*	2
1.74	Grandparents Who Are Responsible for Their Grandchildren	*percent*	38.9		41.3	32.0	*2019-2023*	2
1.68	Adults With Group Health Insurance	*percent*	36.0		37.4	39.8	*2024*	8
1.68	Gasoline and Other Fuels Spending-to-Income Ratio	*percent*	3.5		3.4	3.2	*2024*	9
1.59	Median Household Income	*dollars*	62,823		69,680	78,538	*2019-2023*	2

1.41	Substantiated Child Abuse Rate	*cases/ 1,000 children*	9.3	8.7	6.9		*2021*	4
1.35	High School Students who Did Not Go to School Because They Felt Unsafe at School or on Their Way To or From School	*percent*	9.1				*2023*	23
1.35	High School Students who were Threatened or Injured with a Weapon on School Property	*percent*	7.4				*2023*	23
1.24	Households with a Smartphone	*percent*	86.1		87.5	88.2	*2024*	8
1.24	Workers Commuting by Public Transportation	*percent*	3.3	5.3	1.1	3.5	*2019-2023*	2
1.18	Total Employment Change	*percent*	5.0		2.9	5.8	*2021-2022*	27
1.09	Persons with Health Insurance	*percent*	93.0	92.4	92.9		*2022*	28
1.06	Households with an Internet Subscription	*percent*	87.5		89.0	89.9	*2019-2023*	2
1.06	Households with One or More Types of Computing Devices	*percent*	93.1		93.6	94.8	*2019-2023*	2
1.06	People 25+ with a High School Diploma or Higher	*percent*	91.2		91.6	89.4	*2019-2023*	2
1.06	Persons with an Internet Subscription	*percent*	90.3		91.3	92.0	*2019-2023*	2
1.06	Population 16+ in Civilian Labor Force	*percent*	59.3		60.1	59.8	*2019-2023*	2
0.97	Digital Distress		1.0				*2022*	24
0.79	Adults With Individual Health Insurance	*percent*	21.8		20.5	20.2	*2024*	8
0.79	Digital Divide Index	*DDI Score*	19.4		40.1	50.0	*2022*	24
0.79	Solo Drivers with a Long Commute	*percent*	30.3		30.5		*2019-2023*	10

0.71	Death Rate due to Motor Vehicle Collisions	*deaths/ 100,000 population*	8.6		11.1		*2016-2022*	10
0.65	Female Population 16+ in Civilian Labor Force	*percent*	60.5		59.2	58.7	*2019-2023*	2
0.53	Mean Travel Time to Work	*minutes*	23.6		23.6	26.6	*2019-2023*	2
0.53	Per Capita Income	*dollars*	41,559		39,455	43,289	*2019-2023*	2
0.53	Workers who Drive Alone to Work	*percent*	71.7		76.6	70.2	*2019-2023*	2
0.47	Workers who Walk to Work	*percent*	2.7		2.0	2.4	*2019-2023*	2
0.44	Broadband Quality Score	*BQS Score*	69.9		53.4	50.0	*2022*	24
0.18	People 25+ with a Bachelor's Degree or Higher	*percent*	35.9		30.9	35.0	*2019-2023*	2

SCORE	DIABETES	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.00	Adults 20+ with Diabetes	*percent*	9.9				*2021*	6
1.41	Age-Adjusted Death Rate due to Diabetes	*deaths/ 100,000 population*	24.3		28.4		*2020-2022*	21
0.97	Diabetes: Medicare Population	*percent*	23.0		25.0	24.0	*2023*	7

SCORE	ECONOMY	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.82	Median Monthly Owner Costs for Households without a Mortgage	*dollars*	654		570	612	*2019-2023*	2
2.82	People 65+ Living Below Poverty Level	*percent*	12.3		9.5	10.4	*2019-2023*	2
2.71	Child Food Insecurity Rate	*percent*	26.7		19.8	18.5	*2022*	12
2.56	College Tuition Spending-to-Income Ratio	*percent*	14.7		12.9	12.4	*2024*	9

2.56	Day Care Center and Preschool Spending-to-Income Ratio	*percent*	8.7	7.5	7.4	*2024*	9
2.56	Homeowner Spending-to-Income Ratio	*percent*	16.7	14.6	14.0	*2024*	9
2.53	Veterans Living Below Poverty Level	*percent*	9.7	7.4	7.2	*2019-2023*	2
2.41	Youth not in School or Working	*percent*	2.7	1.7	1.7	*2019-2023*	2
2.38	Adult Day Care Spending-to-Income Ratio	*percent*	13.4	11.3	12.3	*2024*	9
2.38	Home Renter Spending-to-Income Ratio	*percent*	19.3	16.8	17.7	*2024*	9
2.38	Student Loan Spending-to-Income Ratio	*percent*	5.5	4.8	4.7	*2024*	9
2.26	People 65+ Living Below 200% of Poverty Level	*percent*	31.9	28.4	28.1	*2023*	1
2.26	Residential Segregation - Black/White	*Score*	71.5	69.6		*2025*	10
2.21	Home Child Care Spending-to-Income Ratio	*percent*	3.8	3.3	3.4	*2024*	9
2.21	Income Inequality		0.5	0.5	0.5	*2019-2023*	2
2.21	Vocational, Technical, and Other School Tuition Spending-to-Income Ratio	*percent*	1.8	1.6	1.6	*2024*	9
2.18	Food Insecurity Rate	*percent*	15.1	14.1	13.5	*2022*	12
2.12	Adults with Disability Living in Poverty	*percent*	33.1	28.2	24.6	*2019-2023*	2
2.12	Households that Used Check Cashing, Cash Advance, or Title Loan Shops	*percent*	2.3	2.0	2.0	*2024*	8
2.12	Median Household Gross Rent	*dollars*	1,005	988	1,348	*2019-2023*	2
2.12	Mortgaged Owners Median Monthly Household Costs	*dollars*	1,529	1,472	1,902	*2019-2023*	2

2.03	Households Living Below Poverty Level	*percent*	16.7		14.0		*2022*	30
2.03	Utilities Spending-to-Income Ratio	*percent*	6.7		6.2	5.8	*2024*	9
2.00	Renters Spending 30% or More of Household Income on Rent	*percent*	47.5	25.5	45.1	50.4	*2019-2023*	2
1.97	Children Living Below 200% of Poverty Level	*percent*	42.8		38.3	36.1	*2023*	1
1.97	Families Living Below 200% of Poverty Level	*Percent*	25.6		22.8	22.3	*2023*	1
1.94	Children Living Below Poverty Level	*percent*	23.2		18.0	16.3	*2019-2023*	2
1.94	Families Living Below Poverty Level	*percent*	11.5		9.2	8.7	*2019-2023*	2
1.94	People 65+ Living Below Poverty Level (Count)	*people*	28,068				*2019-2023*	2
1.94	People Living Below Poverty Level	*percent*	16.2	8.0	13.2	12.4	*2019-2023*	2
1.88	Homeowner Vacancy Rate	*percent*	1.1		0.9	1.0	*2019-2023*	2
1.88	Households with Cash Public Assistance Income	*percent*	2.8		2.5	2.7	*2019-2023*	2
1.85	Health Insurance Spending-to-Income Ratio	*percent*	7.1		6.8	6.1	*2024*	9
1.85	Mortgaged Owners Spending 30% or More of Household Income on Housing	*percent*	25.2	25.5	21.2	28.5	*2023*	1
1.85	Severe Housing Problems	*percent*	15.7		12.7		*2017-2021*	10
1.82	Households that are Above the Asset Limited, Income Constrained, Employed (ALICE) Threshold	*percent*	58.0		61.0		*2022*	30
1.79	People Living Below 200% of Poverty Level	*percent*	32.2		29.6	28.2	*2023*	1

1.76	Young Children Living Below Poverty Level	*percent*	24.9	20.0	17.6	*2019-2023*	2
1.71	Households with a Savings Account	*percent*	69.4	70.9	72.0	*2024*	8
1.71	Unemployed Veterans	*percent*	3.1	2.8	3.2	*2019-2023*	2
1.68	Cigarette Spending-to-Income Ratio	*percent*	2.2	2.2	1.9	*2024*	9
1.68	Gasoline and Other Fuels Spending-to-Income Ratio	*percent*	3.5	3.4	3.2	*2024*	9
1.65	Households that are Asset Limited, Income Constrained, Employed (ALICE)	*percent*	25.3	25.0		*2022*	30
1.65	Size of Labor Force	*persons*	615,492			*January 2025*	26
1.59	Households with Student Loan Debt	*percent*	9.4	9.1	9.8	*2024*	8
1.59	Median Household Income	*dollars*	62,823	69,680	78,538	*2019-2023*	2
1.50	Adults who Feel Overwhelmed by Financial Burdens	*percent*	34.2	34.0	33.6	*2024*	8
1.35	Households with a 401k Plan	*percent*	37.4	38.4	40.8	*2024*	8
1.29	Unemployed Workers in Civilian Labor Force	*percent*	4.5	5.3	4.4	*January 2025*	26
1.24	Gender Pay Gap	*cents on the dollar*	0.8	0.7	0.8	*2023*	1
1.24	Median Household Income: Householders 65+	*dollars*	48,911	51,608	57,108	*2019-2023*	2
1.18	Total Employment Change	*percent*	5.0	2.9	5.8	*2021-2022*	27
1.06	Population 16+ in Civilian Labor Force	*percent*	59.3	60.1	59.8	*2019-2023*	2
0.65	Female Population 16+ in Civilian Labor Force	*percent*	60.5	59.2	58.7	*2019-2023*	2
0.53	Per Capita Income	*dollars*	41,559	39,455	43,289	*2019-2023*	2
0.47	Overcrowded Households	*percent*	1.1	1.4	3.4	*2019-2023*	2

SCORE	EDUCATION	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.56	College Tuition Spending-to-Income Ratio	*percent*	14.7		12.9	12.4	*2024*	9
2.56	Day Care Center and Preschool Spending-to-Income Ratio	*percent*	8.7		7.5	7.4	*2024*	9
2.38	Student Loan Spending-to-Income Ratio	*percent*	5.5		4.8	4.7	*2024*	9
2.21	Home Child Care Spending-to-Income Ratio	*percent*	3.8		3.3	3.4	*2024*	9
2.21	Student-to-Teacher Ratio	*students/ teacher*	16.9		16.6	15.2	*2023-2024*	14
2.21	Vocational, Technical, and Other School Tuition Spending-to-Income Ratio	*percent*	1.8		1.6	1.6	*2024*	9
1.85	High School Graduation	*percent*	89.1	90.7	92.5		*2022-2023*	16
1.71	4th Grade Students Proficient in English/Language Arts	*percent*	60.2		64.1		*2023-2024*	16
1.71	8th Grade Students Proficient in English/Language Arts	*percent*	45.6		49.4		*2023-2024*	16
1.71	Veterans with a High School Diploma or Higher	*percent*	93.5		94.4	95.2	*2019-2023*	2
1.65	Children Served by Designated Ohio Healthy Programs (Count)	*children*	4,611				*2021*	11
1.65	Designated Ohio Healthy Programs (Count)	*programs*	73				*2021*	11
1.65	Families Served by Designated Ohio Healthy Programs (Count)	*families*	2,423				*2021*	11
1.65	Family Engagement Activities Supported by Designated	*activities*	2,640				*2021*	11

	Ohio Healthy Programs (Count)							
1.65	Healthy Policies Adopted by Designated Ohio Healthy Programs (Count)	*policies*	264				*2021*	11
1.59	4th Grade Students Proficient in Math	*percent*	59.1		67.2		*2023-2024*	16
1.59	8th Grade Students Proficient in Math	*percent*	41.4		46.3		*2023-2024*	16
1.06	People 25+ with a High School Diploma or Higher	*percent*	91.2		91.6	89.4	*2019-2023*	2
0.71	Child Care Centers	*per 1,000 population under age 5*	10.3		8.0	7.0	*2022*	10
0.18	People 25+ with a Bachelor's Degree or Higher	*percent*	35.9		30.9	35.0	*2019-2023*	2

SCORE	ENVIRONMENTAL HEALTH	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.41	Houses Built Prior to 1950	*percent*	37.4		24.9	16.4	*2019-2023*	2
2.29	Adults with Current Asthma	*percent*	11.8			9.9	*2022*	5
2.29	Air Pollution due to Particulate Matter	*micrograms per cubic meter*	10.8		7.9		*2020*	10
2.29	Proximity to Highways	*percent*	12.5		7.2		*2020*	15
2.03	Utilities Spending-to-Income Ratio	*percent*	6.7		6.2	5.8	*2024*	9
2.00	Daily Dose of UV Irradiance	*Joule per square meter*	3,533.0		3,384.0		*2020*	15
1.85	Severe Housing Problems	*percent*	15.7		12.7		*2017-2021*	10
1.76	Annual Ozone Air Quality	*grade*	F				*2020-2022*	3
1.74	Annual Particle Pollution	*grade*	C				*2020-2022*	3

1.68	Gasoline and Other Fuels Spending-to-Income Ratio	*percent*	3.5	3.4	3.2	*2024*	9
1.65	Weeks of Moderate Drought or Worse	*weeks per year*	2			*2021*	15
1.62	Blood Lead Levels in Children (>=10 micrograms per deciliter)	*percent*	1.6	0.6		*2021*	19
1.50	Asthma: Medicare Population	*percent*	7.0	7.0	7.0	*2023*	7
1.35	Blood Lead Levels in Children (>=10 micrograms per deciliter; Count)	*children*	312			*2021*	19
1.35	Blood Lead Levels in Children (>=5 micrograms per deciliter; Count)	*children*	1,056			*2021*	19
1.35	Number of Extreme Heat Days	*days*	11			*2023*	15
1.35	Number of Extreme Heat Events	*events*	9			*2023*	15
1.35	Number of Extreme Precipitation Days	*days*	4			*2023*	15
1.35	PBT Released	*pounds*	216100.3			*2023*	29
1.32	Blood Lead Levels in Children (>=5 micrograms per deciliter)	*percent*	5.5	2.0		*2021*	19
0.91	Food Environment Index		7.8	7.0		*2025*	10
0.82	Liquor Store Density	*stores/ 100,000 population*	6.1	5.6	10.9	*2022*	27
0.79	Digital Divide Index	*DDI Score*	19.4	40.1	50.0	*2022*	24
0.71	Access to Exercise Opportunities	*percent*	97.9	84.2		*2025*	10
0.71	Access to Parks	*percent*	85.3	59.6		*2020*	15
0.47	Overcrowded Households	*percent*	1.1	1.4	3.4	*2019-2023*	2
0.44	Broadband Quality Score	*BQS Score*	69.9	53.4	50.0	*2022*	24

SCORE	FAMILY PLANNING	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.26	Teen Birth Rate: 15-17	*live births/ 1,000 females aged 15-17*	7.3		6.1	5.6	*2022*	18
1.35	High School Students who Used Birth Control to Prevent Pregnancy at Last Intercourse with Opposite-Sex Partner	*percent*	26.4				*2023*	23
1.06	High School Students who have Been Pregnant or Gotten Someone Pregnant	*percent*	1.3				*2023*	23

SCORE	HEALTH CARE ACCESS & QUALITY	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.38	Preventable Hospital Stays: Medicare Population	*discharges/ 100,000 Medicare enrollees*	3,677.0		3,269.0	2,769.0	*2023*	7
2.35	Adults with Health Insurance: 18+	*percent*	72.1		74.7	75.2	*2024*	8
2.21	Adults who go to the Doctor Regularly for Checkups	*percent*	63.3		65.2	65.1	*2024*	8
2.00	Adults who Visited a Dentist	*percent*	43.3		44.3	45.3	*2024*	8
1.85	Health Insurance Spending-to-Income Ratio	*percent*	7.1		6.8	6.1	*2024*	9
1.68	Adults With Group Health Insurance	*percent*	36.0		37.4	39.8	*2024*	8
1.65	High School Students who had a Dental Check-up, Exam, Cleaning or Other Dental Work	*percent*	69.6				*2023*	23
1.38	Children with Health Insurance	*percent*	96.4		95.1	94.6	*2023*	1

1.35	High School Students who had a Check-up or Physical Exam	*percent*	73.4				*2023*	23
1.29	Persons without Health Insurance	*percent*	5.5		6.1	7.9	*2023*	1
1.24	Adults with Health Insurance	*percent*	92.2		91.6	89.0	*2023*	1
1.24	Adults without Health Insurance	*percent*	6.4			10.8	*2022*	5
1.09	Persons with Health Insurance	*percent*	93.0	92.4	92.9		*2022*	28
0.88	Adults who have had a Routine Checkup	*percent*	80.0			76.1	*2022*	5
0.79	Adults With Individual Health Insurance	*percent*	21.8		20.5	20.2	*2024*	8
0.44	Primary Care Provider Rate	*providers/ 100,000 population*	111.3		75.3	74.9	*2021*	10
0.29	Dentist Rate	*dentists/ 100,000 population*	112.8		65.2	73.5	*2022*	10
0.26	Mental Health Provider Rate	*providers/ 100,000 population*	510.3		349.4		*2024*	10
0.26	Non-Physician Primary Care Provider Rate	*providers/ 100,000 population*	251.3		148.7		*2024*	10

SCORE	HEART DISEASE & STROKE	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.85	Stroke: Medicare Population	*percent*	6.0		5.0	6.0	*2023*	7
1.76	Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)	*deaths/ 100,000 population*	40.8	33.4	46.0		*2020-2022*	21
1.59	High Blood Pressure Prevalence	*percent*	36.7	41.9		32.7	*2021*	5

1.41	Adults who Experienced a Stroke	*percent*	3.9			3.6	*2022*	5
1.41	Adults who Experienced Coronary Heart Disease	*percent*	7.5			6.8	*2022*	5
1.41	Adults who Have Taken Medications for High Blood Pressure	*percent*	80.6			78.2	*2021*	5
1.32	Heart Failure: Medicare Population	*percent*	12.0		12.0	11.0	*2023*	7
1.32	Hyperlipidemia: Medicare Population	*percent*	66.0		67.0	66.0	*2023*	7
1.15	Hypertension: Medicare Population	*percent*	66.0		67.0	65.0	*2023*	7
1.06	Cholesterol Test History	*percent*	86.1			86.4	*2021*	5
0.97	Atrial Fibrillation: Medicare Population	*percent*	14.0		15.0	14.0	*2023*	7
0.97	Ischemic Heart Disease: Medicare Population	*percent*	21.0		22.0	21.0	*2023*	7
0.88	Age-Adjusted Death Rate due to Coronary Heart Disease	*deaths/ 100,000 population*	101.3	71.1	101.6		*2020-2022*	21
0.88	High Cholesterol Prevalence	*percent*	34.6			35.5	*2021*	5
0.56	Age-Adjusted Death Rate due to Heart Attack	*deaths/ 100,000 population 35+ years*	42.7		60.9		*2021*	15

SCORE	IMMUNIZATIONS & INFECTIOUS DISEASES	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.44	Syphilis Incidence Rate	*cases/ 100,000 population*	21.4		16.4	15.8	*2023*	17
2.15	Chlamydia Incidence Rate	*cases/ 100,000 population*	779.4		464.2	492.2	*2023*	17
1.91	Age-Adjusted Death Rate due to HIV	*deaths/ 100,000 population*	1.5		0.9		*2020-2022*	21
1.91	Tuberculosis Incidence Rate	*cases/ 100,000 population*	1.9	1.4	1.6	2.9	*2023*	17

1.85	Gonorrhea Incidence Rate	*cases/ 100,000 population*	334.3		168.8	179.5	*2023*	17
0.97	Adults who Agree Vaccine Benefits Outweigh Possible Risks	*Percent*	60.4		59.8	60.4	*2024*	8
0.97	Salmonella Infection Incidence Rate	*cases/ 100,000 population*	10.4	11.5	13.8		*2023*	17
0.85	Cervical Cancer Incidence Rate	*cases/ 100,000 females*	6.5		7.8	7.5	*2017-2021*	13
0.82	Age-Adjusted Death Rate due to Influenza and Pneumonia	*deaths/ 100,000 population*	10.5		12.3		*2020-2022*	21
0.47	Overcrowded Households	*percent*	1.1		1.4	3.4	*2019-2023*	2
0.44	Flu Vaccinations: Medicare Population	*percent*	55.0		50.0	3.0	*2023*	7
0.44	Pneumonia Vaccinations: Medicare Population	*percent*	10.0		9.0	9.0	*2023*	7

SCORE	MATERNAL, FETAL & INFANT HEALTH	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.44	Babies with Low Birthweight	*percent*	10.8		8.7	8.6	*2022*	18
2.26	Teen Birth Rate: 15-17	*live births/ 1,000 females aged 15-17*	7.3		6.1	5.6	*2022*	18
2.18	Preterm Births	*percent*	12.0	9.4	10.8		*2022*	18
1.97	Infant Mortality Rate	*deaths/ 1,000 live births*	7.7	5.0	6.7	5.4	*2020*	18
1.91	Gestational Hypertension	*percent*	22.3		18.3		*2022*	25
1.91	Pre-Pregnancy Diabetes	*percent*	4.8		4.2		*2022*	25
1.91	Stopped Breastfeeding Due to Resuming Work	*percent*	26.6		17.5		*2022*	25
1.88	Babies with Very Low Birthweight	*percent*	1.9		1.5		*2022*	18
1.85	Ever Breastfed New Infant	*percent*	88.8		88.7		*2022*	25

1.74	Chronic Health Condition(s) During Pregnancy	*percent*	50.6		49.6		*2022*	25
1.74	Postpartum Depression	*percent*	16.4		16.3		*2022*	25
1.74	Pre-Pregnancy Hypertension	*percent*	7.6		7.0		*2022*	25
1.56	Gestational Diabetes	*percent*	10.3		10.6		*2022*	25
1.44	Prevalence of Unintended Pregnancy	*percent*	22.4		21.1		*2022*	25
1.38	Pre-Pregnancy Depression	*percent*	19.9		22.5		*2022*	25
1.38	Pre-Pregnancy E-Cigarette Use	*percent*	6.8		8.6		*2022*	25
1.26	Breastfeeding at 8 Weeks	*percent*	73.7		70.9		*2022*	25
1.26	Infant Sleeps on Back	*percent*	87.0		86.2		*2022*	25
1.26	Mothers who Received Early Prenatal Care	*percent*	73.0		68.6	75.3	*2022*	18
1.15	Infant Sleeps Alone	*percent*	69.1		69.7		*2022*	25
1.15	Prevalence of Intended Pregnancy	*percent*	60.7		61.0		*2022*	25
1.09	Gestational Depression	*percent*	18.9		21.7		*2022*	25
0.97	Infant Sleeps Alone on Recommended Surface	*percent*	51.5		51.4		*2022*	25
0.97	Infant Sleeps in Crib, Bassinet, or Play Yard	*percent*	93.9		93.9		*2022*	25
0.97	Infant Sleeps Without Objects in Bed	*percent*	70.1		68.7		*2022*	25
0.79	Pre-Pregnancy Smoking	*percent*	10.2		12.2		*2022*	25
0.62	Mothers who Smoked During Pregnancy	*percent*	3.8	4.3	7.9	3.7	*2022*	18

SCORE	MENTAL HEALTH & MENTAL DISORDERS	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.29	Self-Reported General Health Assessment: Good or Better	*percent*	84.2		85.4	86.0	*2024*	8

1.68	Poor Mental Health: Average Number of Days	*days*	6.0		6.1		*2022*	10
1.59	Poor Mental Health: 14+ Days	*percent*	17.5			15.8	*2022*	5
1.50	Adults who Feel Life is Slipping Out of Control	*Percent*	24.1		24.1	23.9	*2024*	8
1.41	Adults Ever Diagnosed with Depression	*percent*	23.2			20.7	*2022*	5
1.35	High School Students who Did Something to Purposefully Hurt Themselves Without Wanting to Die	*percent*	16.3				*2023*	23
1.35	High School Students Who Have Attempted Suicide: Past Year	*percent*	7.6				*2023*	23
1.35	High School Students who were Bullied on School Property	*percent*	13.6				*2023*	23
1.32	Alzheimer's Disease or Dementia: Medicare Population	*percent*	6.0		6.0	6.0	*2023*	7
1.12	Age-Adjusted Death Rate due to Alzheimer's Disease	*deaths/ 100,000 population*	22.6		33.8		*2020-2022*	21
1.06	High School Students who Seriously Considered Attempting Suicide	*percent*	13.3				*2023*	23
1.06	High School Students who were Electronically Bullied	*percent*	11.9				*2023*	23
1.00	Age-Adjusted Death Rate due to Suicide	*deaths/ 100,000 population*	13.5	12.8	14.5		*2020-2022*	21
0.97	Depression: Medicare Population	*percent*	16.0		18.0	17.0	*2023*	7
0.26	Mental Health Provider Rate	*providers/ 100,000 population*	510.3		349.4		*2024*	10

SCORE	NUTRITION & HEALTHY EATING	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.21	Adults who Frequently Cook Meals at Home	*Percent*	66.2		67.6	67.7	*2024*	8
1.94	High School Students who Did Not Eat Any Fruit in the Past 7 Days	*percent*	6.7				*2023*	23
1.76	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	*Percent*	39.6		38.1	38.2	*2024*	8
1.35	High School Students who Did Not Eat Breakfast Every Day	*percent*	74.7				*2023*	23
1.35	High School Students who Went Hungry Because There Was Not Enough Food in the Home	*percent*	3.5				*2023*	23
0.91	Food Environment Index		7.8		7.0		*2025*	10
0.79	Adults who Drank Soft Drinks: Past 7 Days	*percent*	46.6		48.6	47.5	*2024*	8

SCORE	OLDER ADULTS	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
3.00	People 65+ Living Alone	*percent*	36.1		30.2	26.5	*2019-2023*	2
3.00	Prostate Cancer Incidence Rate	*cases/ 100,000 males*	139.3		118.1	113.2	*2017-2021*	13
2.82	People 65+ Living Below Poverty Level	*percent*	12.3		9.5	10.4	*2019-2023*	2
2.38	Adult Day Care Spending-to-Income Ratio	*percent*	13.4		11.3	12.3	*2024*	9
2.21	Cancer: Medicare Population	*percent*	13.0		12.0	12.0	*2023*	7
2.03	Chronic Kidney Disease: Medicare Population	*percent*	20.0		19.0	18.0	*2023*	7
1.94	People 65+ Living Alone (Count)	*people*	85,788				*2019-2023*	2

1.94	People 65+ Living Below Poverty Level (Count)	*people*	28,068			*2019-2023*	2
1.85	Osteoporosis: Medicare Population	*percent*	12.0	11.0	12.0	*2023*	7
1.85	Stroke: Medicare Population	*percent*	6.0	5.0	6.0	*2023*	7
1.59	Adults 65+ with Total Tooth Loss	*percent*	13.9		12.2	*2022*	5
1.50	Asthma: Medicare Population	*percent*	7.0	7.0	7.0	*2023*	7
1.50	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	*percent*	38.0	39.0	36.0	*2023*	7
1.32	Alzheimer's Disease or Dementia: Medicare Population	*percent*	6.0	6.0	6.0	*2023*	7
1.32	Heart Failure: Medicare Population	*percent*	12.0	12.0	11.0	*2023*	7
1.32	Hyperlipidemia: Medicare Population	*percent*	66.0	67.0	66.0	*2023*	7
1.24	Median Household Income: Householders 65+	*dollars*	48,911	51,608	57,108	*2019-2023*	2
1.18	Age-Adjusted Death Rate due to Falls	*deaths/ 100,000 population*	10.9	12.1		*2020-2022*	21
1.15	Hypertension: Medicare Population	*percent*	66.0	67.0	65.0	*2023*	7
1.12	Age-Adjusted Death Rate due to Alzheimer's Disease	*deaths/ 100,000 population*	22.6	33.8		*2020-2022*	21
0.97	Atrial Fibrillation: Medicare Population	*percent*	14.0	15.0	14.0	*2023*	7
0.97	Depression: Medicare Population	*percent*	16.0	18.0	17.0	*2023*	7
0.97	Diabetes: Medicare Population	*percent*	23.0	25.0	24.0	*2023*	7
0.97	Ischemic Heart Disease: Medicare Population	*percent*	21.0	22.0	21.0	*2023*	7
0.79	COPD: Medicare Population	*percent*	11.0	13.0	11.0	*2023*	7

0.62	Mammography Screening: Medicare Population	*percent*	52.0		51.0	39.0	*2023*	7

SCORE	ORAL HEALTH	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.00	Adults who Visited a Dentist	*percent*	43.3		44.3	45.3	*2024*	8
1.59	Adults 65+ with Total Tooth Loss	*percent*	13.9			12.2	*2022*	5
0.76	Oral Cavity and Pharynx Cancer Incidence Rate	*cases/ 100,000 population*	11.5		12.8	12.0	*2017-2021*	13
0.29	Dentist Rate	*dentists/ 100,000 population*	112.8		65.2	73.5	*2022*	10

SCORE	OTHER CHRONIC CONDITIONS	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.47	Age-Adjusted Death Rate due to Kidney Disease	*deaths/ 100,000 population*	18.0		15.1		*2020-2022*	21
2.03	Chronic Kidney Disease: Medicare Population	*percent*	20.0		19.0	18.0	*2023*	7
1.85	Osteoporosis: Medicare Population	*percent*	12.0		11.0	12.0	*2023*	7
1.50	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	*percent*	38.0		39.0	36.0	*2023*	7
1.41	Adults with Arthritis	*percent*	30.4			26.6	*2022*	5

SCORE	PHYSICAL ACTIVITY	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.35	High School Students who Engage in Regular Physical Activity	*percent*	42.8				*2023*	23
1.32	Adults 20+ Who Are Obese	*percent*	32.5	36.0			*2021*	6
1.18	Adults 20+ who are Sedentary	*percent*	20.0				*2021*	6

0.71	Access to Exercise Opportunities	*percent*	97.9		84.2		*2025*	10
0.71	Access to Parks	*percent*	85.3		59.6		*2020*	15
0.47	Workers who Walk to Work	*percent*	2.7		2.0	2.4	*2019-2023*	2

SCORE	PREVENTION & SAFETY	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.44	Age-Adjusted Death Rate due to Firearms	*deaths/ 100,000 population*	20.2	10.7	13.5	12.0	*2018-2020*	6
1.94	Death Rate due to Drug Poisoning	*deaths/ 100,000 population*	45.5	20.7	44.7		*2020-2022*	10
1.94	Death Rate due to Injuries	*deaths/ 100,000 population*	111.0		100.7		*2018-2022*	10
1.85	Severe Housing Problems	*percent*	15.7		12.7		*2017-2021*	10
1.65	Age-Adjusted Death Rate due to Unintentional Poisonings	*deaths/ 100,000 population*	45.2		46.5		*2020-2022*	21
1.35	High School Students who Carried a Weapon on School Property	*percent*	2.0				*2023*	23
1.35	High School Students who Did Not Go to School Because They Felt Unsafe at School or on Their Way To or From School	*percent*	9.1				*2023*	23
1.35	High School Students who Drove After Drinking Alcohol	*percent*	3.2				*2023*	23
1.35	High School Students who Feel Like They Matter to People in Their Community	*percent*	48.4				*2023*	23
1.35	High School Students who had Been Stopped, Questioned, or Searched by Police	*percent*	15.3				*2021*	23

1.35	High School Students who had Mostly Negative or Negative Encounters With Police	*percent*	20.4		*2021*	23
1.35	High School Students who were Bullied on School Property	*percent*	13.6		*2023*	23
1.35	High School Students who were Ever Physically Forced to have Sexual Intercourse	*percent*	5.3		*2023*	23
1.35	High School Students who were in a Physical Fight	*percent*	23.3		*2023*	23
1.35	High School Students who were Physically Forced to Do Sexual Things by Someone They were Dating or Going Out With	*percent*	10.6		*2023*	23
1.35	High School Students who were Physically Injured by Someone They were Dating or Going Out With	*percent*	8.0		*2023*	23
1.35	High School Students who were Threatened or Injured with a Weapon on School Property	*percent*	7.4		*2023*	23
1.18	Age-Adjusted Death Rate due to Falls	*deaths/ 100,000 population*	10.9	12.1	*2020-2022*	21
1.06	High School Students who Did Not Always Wear a Seatbelt	*percent*	50.7		*2023*	23
1.06	High School Students who Rode with a Driver who had been Drinking Alcohol	*percent*	14.4		*2023*	23
1.06	High School Students who Texted or E-mailed While Driving	*percent*	30.7		*2023*	23

1.06	High School Students who were Electronically Bullied	*percent*	11.9				*2023*	23
0.71	Death Rate due to Motor Vehicle Collisions	*deaths/ 100,000 population*	8.6		11.1		*2016-2022*	10

SCORE	RESPIRATORY DISEASES	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.29	Adults with Current Asthma	*percent*	11.8			9.9	*2022*	5
2.29	Proximity to Highways	*percent*	12.5		7.2		*2020*	15
1.91	Tuberculosis Incidence Rate	*cases/ 100,000 population*	1.9	1.4	1.6	2.9	*2023*	17
1.50	Asthma: Medicare Population	*percent*	7.0		7.0	7.0	*2023*	7
1.41	Adults who Smoke	*percent*	16.6	6.1		12.9	*2022*	5
1.41	Adults with COPD	*Percent of adults*	8.2			6.8	*2022*	5
1.06	High School Students who Smoked Cigarettes: Past 30 Days	*percent*	1.3				*2023*	23
1.06	Lung and Bronchus Cancer Incidence Rate	*cases/ 100,000 population*	61.7		64.3	53.1	*2017-2021*	13
0.97	Adults Who Used Electronic Cigarettes: Past 30 Days	*percent*	6.6		6.9	6.8	*2024*	8
0.88	Age-Adjusted Death Rate due to Lung Cancer	*deaths/ 100,000 population*	36.6	25.1	39.8	32.4	*2018-2022*	13
0.82	Age-Adjusted Death Rate due to Influenza and Pneumonia	*deaths/ 100,000 population*	10.5		12.3		*2020-2022*	21
0.79	COPD: Medicare Population	*percent*	11.0		13.0	11.0	*2023*	7
0.53	Age-Adjusted Death Rate due to Chronic Lower Respiratory Diseases	*deaths/ 100,000 population*	33.2		42.8		*2020-2022*	21
0.29	Adults Who Used Smokeless Tobacco: Past 30 Days	*percent*	1.0		1.7	1.6	*2024*	8

SCORE	SEXUALLY TRANSMITTED INFECTIONS	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.44	Syphilis Incidence Rate	*cases/ 100,000 population*	21.4		16.4	15.8	*2023*	17
2.15	Chlamydia Incidence Rate	*cases/ 100,000 population*	779.4		464.2	492.2	*2023*	17
1.94	High School Students who have Ever Been Taught About AIDS or HIV Infection in School	*percent*	64.4				*2023*	23
1.94	High School Students who were Ever Tested for HIV	*percent*	6.2				*2023*	23
1.91	Age-Adjusted Death Rate due to HIV	*deaths/ 100,000 population*	1.5		0.9		*2020-2022*	21
1.85	Gonorrhea Incidence Rate	*cases/ 100,000 population*	334.3		168.8	179.5	*2023*	17

SCORE	TOBACCO USE	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.68	Cigarette Spending-to-Income Ratio	*percent*	2.2		2.2	1.9	*2024*	9
1.41	Adults who Smoke	*percent*	16.6	6.1		12.9	*2022*	5
1.06	High School Students who Smoked Cigarettes: Past 30 Days	*percent*	1.3				*2023*	23
1.06	High School Students who Use a Cigar Product	*percent*	3.1				*2023*	23
1.06	High School Students who Use an Electronic Vapor Product	*percent*	7.0				*2023*	23
1.06	High School Students who Use Hookah or Waterpipe	*percent*	1.7				*2023*	23
1.06	Lung and Bronchus Cancer Incidence Rate	*cases/ 100,000 population*	61.7		64.3	53.1	*2017-2021*	13

0.97	Adults Who Used Electronic Cigarettes: Past 30 Days	*percent*	6.6		6.9	6.8	*2024*	8
0.88	Tobacco Use: Medicare Population	*percent*	6.0		7.0	6.0	*2023*	7
0.29	Adults Who Used Smokeless Tobacco: Past 30 Days	*percent*	1.0		1.7	1.6	*2024*	8

SCORE	WEIGHT STATUS	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.94	Obesity: Medicare Population	*percent*	26.0		25.0	20.0	*2023*	7
1.65	High School Students who are Obese	*percent*	17.3				*2023*	23
1.35	High School Students who are Overweight	*percent*	15.7				*2023*	23
1.32	Adults 20+ Who Are Obese	*percent*	32.5	36.0			*2021*	6
1.32	Adults Happy with Weight	*Percent*	42.2		42.1	42.6	*2024*	8

SCORE	WELLNESS & LIFESTYLE	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.29	Self-Reported General Health Assessment: Good or Better	*percent*	84.2		85.4	86.0	*2024*	8
2.21	Adults who Frequently Cook Meals at Home	*Percent*	66.2		67.6	67.7	*2024*	8
1.76	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	*Percent*	39.6		38.1	38.2	*2024*	8
1.59	High Blood Pressure Prevalence	*percent*	36.7	41.9		32.7	*2021*	5
1.59	Insufficient Sleep	*percent*	37.7	26.7		36.0	*2022*	5
1.59	Self-Reported General Health Assessment: Poor or Fair	*percent*	20.1			17.9	*2022*	5
1.56	Poor Physical Health: Average Number of Days	*days*	4.4		4.3		*2022*	10

1.50	Adults who Feel Life is Slipping Out of Control	*Percent*	24.1		24.1	23.9	*2024*	8
1.35	High School Students who Obtained 8+ Hours of Sleep	*percent*	23.5				*2023*	23
1.32	Adults Happy with Weight	*Percent*	42.2		42.1	42.6	*2024*	8
1.24	Life Expectancy	*years*	75.4		75.2		*2020-2022*	10
1.24	Poor Physical Health: 14+ Days	*percent*	13.1			12.7	*2022*	5
0.97	Adults who Agree Vaccine Benefits Outweigh Possible Risks	*Percent*	60.4		59.8	60.4	*2024*	8

SCORE	WOMEN'S HEALTH	UNITS	CUYAHOGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.00	Breast Cancer Incidence Rate	*cases/ 100,000 females*	136.1		132.3	129.8	*2017-2021*	13
1.76	Age-Adjusted Death Rate due to Breast Cancer	*deaths/ 100,000 females*	21.9	15.3	20.2	19.3	*2018-2022*	13
0.88	Cervical Cancer Screening: 21-65	*Percent*	83.2			82.8	*2020*	5
0.88	Mammogram in Past 2 Years: 50-74	*percent*	78.7	80.3		76.5	*2022*	5
0.85	Cervical Cancer Incidence Rate	*cases/ 100,000 females*	6.5		7.8	7.5	*2017-2021*	13
0.62	Mammography Screening: Medicare Population	*percent*	52.0		51.0	39.0	*2023*	7

Geauga County Indicator Scores

Table 20 includes all indicators that were scored as part of the Geauga County secondary data analysis. Refer to Table 19 to identify each indicator's data source.

Table 19: Indicator Scoring Data Source Key

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

Table 20: All Geauga County Secondary Data Indicators

SCORE	ALCOHOL & DRUG USE	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.29	Adults who Binge Drink	*percent*	18.6			16.6	*2022*	5
2.12	Adults who Drink Excessively	*percent*	23.2		21.2		*2022*	10
1.09	Mothers who Smoked During Pregnancy	*percent*	4.4	4.3	7.9	3.7	*2022*	17
1.06	Alcohol-Impaired Driving Deaths	*percent of driving deaths with alcohol involvement*	25.7		32.1		*2018-2022*	10
0.71	Death Rate due to Drug Poisoning	*deaths/ 100,000 population*	13.0	20.7	44.7		*2020-2022*	10
0.62	Age-Adjusted Drug and Opioid-Involved Overdose Death Rate	*Deaths per 100,000 population*	19.4		40.4	23.5	*2018-2020*	6
0.29	Liquor Store Density	*stores/ 100,000 population*	3.1		5.6	10.9	*2022*	23

SCORE	CANCER	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.71	Breast Cancer Incidence Rate	*cases/ 100,000 females*	151.7		132.3	129.8	*2017-2021*	12
2.29	Adults with Cancer (Non-Skin) or Melanoma	*percent*	10.7			8.2	*2022*	5
2.21	Cancer: Medicare Population	*percent*	13.0		12.0	12.0	*2023*	7
1.94	Prostate Cancer Incidence Rate	*cases/ 100,000 males*	111.7		118.1	113.2	*2017-2021*	12

1.65	All Cancer Incidence Rate	*cases/ 100,000 population*	466.0		470.0	444.4	*2017-2021*	12
1.15	Mammography Screening: Medicare Population	*percent*	50.0		51.0	39.0	*2023*	7
1.12	Age-Adjusted Death Rate due to Colorectal Cancer	*deaths/ 100,000 population*	12.7	8.9	13.9	12.9	*2018-2022*	12
1.00	Age-Adjusted Death Rate due to Breast Cancer	*deaths/ 100,000 females*	19.2	15.3	20.2	19.3	*2018-2022*	12
0.88	Cervical Cancer Screening: 21-65	*Percent*	83.7			82.8	*2020*	5
0.88	Colon Cancer Screening: USPSTF Recommendation	*percent*	67.6			66.3	*2022*	5
0.88	Mammogram in Past 2 Years: 50-74	*percent*	80.0	80.3		76.5	*2022*	5
0.47	Age-Adjusted Death Rate due to Cancer	*deaths/ 100,000 population*	131.9	122.7	161.1	146.0	*2018-2022*	12
0.29	Age-Adjusted Death Rate due to Lung Cancer	*deaths/ 100,000 population*	28.2	25.1	39.8	32.4	*2018-2022*	12
0.29	Lung and Bronchus Cancer Incidence Rate	*cases/ 100,000 population*	47.1		64.3	53.1	*2017-2021*	12
0.29	Oral Cavity and Pharynx Cancer Incidence Rate	*cases/ 100,000 population*	9.6		12.8	12.0	*2017-2021*	12
0.00	Age-Adjusted Death Rate due to Prostate Cancer	*deaths/ 100,000 males*	14.8	16.9	19.3	19.0	*2018-2022*	12
0.00	Colorectal Cancer Incidence Rate	*cases/ 100,000 population*	32.7		38.9	36.4	*2017-2021*	12

SCORE	CHILDREN'S HEALTH	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.44	Children with Health Insurance	*percent*	79.7		95.1	94.6	*2023*	1
1.29	Blood Lead Levels in Children (>=5 micrograms per deciliter)	*percent*	1.1		1.9		*2022*	19

1.06	Child Care Centers	*per 1,000 population under age 5*	8.0		8.0	7.0	*2022*	10
1.06	Child Mortality Rate: Under 20	*deaths/ 100,000 population under 20*	51.5		59.2		*2019-2022*	10
0.82	Substantiated Child Abuse Rate	*cases/ 1,000 children*	1.7	8.7	6.9		*2021*	4
0.59	Child Food Insecurity Rate	*percent*	10.1		20.1	18.4	*2023*	11
0.29	Home Child Care Spending-to-Income Ratio	*percent*	2.3		3.2	3.3	*2025*	9

SCORE	COMMUNITY	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
3.00	Median Monthly Owner Costs for Households without a Mortgage	*dollars*	738		570	612	*2019-2023*	2
2.82	Mortgaged Owners Median Monthly Household Costs	*dollars*	1918		1472	1902	*2019-2023*	2
2.41	Youth not in School or Working	*percent*	3.8		1.7	1.7	*2019-2023*	2
2.15	Solo Drivers with a Long Commute	*percent*	44.6		30.5		*2019-2023*	10
2.12	Median Household Gross Rent	*dollars*	1018		988	1348	*2019-2023*	2
2.06	Mean Travel Time to Work	*minutes*	27.6		23.6	26.6	*2019-2023*	2
2.06	Persons with an Internet Subscription	*percent*	84.5		91.3	92.0	*2019-2023*	2
1.94	Female Population 16+ in Civilian Labor Force	*percent*	57.1		59.2	58.7	*2019-2023*	2
1.76	Persons with Health Insurance	*percent*	90.8	92.4	92.9		*2022*	24

1.71	Workers who Walk to Work	*percent*	1.8		2.0	2.4	*2019-2023*	2
1.65	People 65+ Living Alone (Count)	*people*	4107				*2019-2023*	2
1.65	Workers Commuting by Public Transportation	*percent*	0.6	5.3	1.1	3.5	*2019-2023*	2
1.62	Social Associations	*membership associations/ 10,000 population*	10.0		10.8		*2022*	10
1.41	Households with an Internet Subscription	*percent*	87.2		89.0	89.9	*2019-2023*	2
1.41	Households with One or More Types of Computing Devices	*percent*	91.2		93.6	94.8	*2019-2023*	2
1.32	Adults With Individual Health Insurance	*percent*	20.3		20.5	20.2	*2024*	8
1.32	Total Employment Change	*percent*	5.0		2.9	5.8	*2021-2022*	23
1.24	Population 16+ in Civilian Labor Force	*percent*	62.3		60.1	59.8	*2019-2023*	2
1.18	Linguistic Isolation	*percent*	1.2		1.5	4.2	*2019-2023*	2
1.06	Alcohol-Impaired Driving Deaths	*percent of driving deaths with alcohol involvement*	25.7		32.1		*2018-2022*	10
1.06	People 25+ with a High School Diploma or Higher	*percent*	91.2		91.6	89.4	*2019-2023*	2
0.97	Digital Distress		1.0				*2022*	21
0.97	Social Vulnerability Index	*Score*	0.1				*2022*	6
0.94	Adults with Internet Access	*percent*	85.9		80.9	81.3	*2024*	8
0.91	Residential Segregation - Black/White	*Score*	52.7		69.6		*2025*	10

0.85	Age-Adjusted Death Rate due to Firearms	*deaths/ 100,000 population*	7.0	10.7	13.5	12.0	*2018-2020*	6
0.82	Substantiated Child Abuse Rate	*cases/ 1,000 children*	1.7	8.7	6.9		*2021*	4
0.82	Violent Crime Rate	*crimes/ 100,000 population*	11.5		331.0		*2024*	18
0.82	Voter Turnout: Presidential Election	*percent*	80.6	58.4	71.7		*2024*	20
0.79	Adults Who Vote in Presidential Elections: Always or Sometimes	*percent*	89.9		84.9	85.1	*2024*	8
0.79	Broadband Quality Score	*BQS Score*	59.1		53.4	50.0	*2022*	21
0.71	Death Rate due to Motor Vehicle Collisions	*deaths/ 100,000 population*	8.6		11.1		*2016-2022*	10
0.65	Households with a Computer	*percent*	89.9		85.2	86.0	*2024*	8
0.59	Children Living Below Poverty Level	*percent*	5.2		18.0	16.3	*2019-2023*	2
0.56	Grandparents Who Are Responsible for Their Grandchildren	*percent*	13.6		41.3	32.0	*2019-2023*	2
0.53	Workers who Drive Alone to Work	*percent*	71.6		76.6	70.2	*2019-2023*	2
0.44	Adults With Group Health Insurance	*percent*	44.3		37.4	39.8	*2024*	8
0.44	Digital Divide Index	*DDI Score*	15.9		40.1	50.0	*2022*	21
0.35	Households with a Smartphone	*percent*	89.8		87.5	88.2	*2024*	8
0.29	Adult Day Care Spending-to-Income Ratio	*percent*	7.3		11.1	11.9	*2025*	9
0.29	Children in Single-Parent Households	*percent*	8.4		26.1	24.8	*2019-2023*	2
0.29	Day Care Center and Preschool Spending-to-Income Ratio	*percent*	4.9		7.4	7.1	*2025*	9

0.29	Gasoline and Other Fuels Spending-to-Income Ratio	*percent*	2.4		3.3	3.1	*2025*	9
0.29	People 25+ with a Bachelor's Degree or Higher	*percent*	38.7		30.9	35.0	*2019-2023*	2
0.29	People 65+ Living Alone	*percent*	19.8		30.2	26.5	*2019-2023*	2
0.29	People Living Below Poverty Level	*percent*	5.8	8.0	13.2	12.4	*2019-2023*	2
0.29	Young Children Living Below Poverty Level	*percent*	7.0		20.0	17.6	*2019-2023*	2
0.00	Median Household Income	*dollars*	100783		69680	78538	*2019-2023*	2
0.00	Per Capita Income	*dollars*	50431		39455	43289	*2019-2023*	2

SCORE	DIABETES	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.41	Age-Adjusted Death Rate due to Diabetes	*deaths/ 100,000 population*	17.1		28.4		*2020-2022*	19
1.00	Adults 20+ with Diabetes	*percent*	7.5				*2021*	6
0.44	Diabetes: Medicare Population	*percent*	19.0		25.0	24.0	*2023*	7

SCORE	ECONOMY	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
3.00	Median Monthly Owner Costs for Households without a Mortgage	*dollars*	738		570	612	*2019-2023*	2
2.82	Mortgaged Owners Median Monthly Household Costs	*dollars*	1918		1472	1902	*2019-2023*	2
2.41	Youth not in School or Working	*percent*	3.8		1.7	1.7	*2019-2023*	2
2.38	Veterans Living Below Poverty Level	*percent*	9.1		7.4	7.2	*2019-2023*	2
2.12	Median Household Gross Rent	*dollars*	1018		988	1348	*2019-2023*	2

1.94	Female Population 16+ in Civilian Labor Force	*percent*	57.1		59.2	58.7	*2019-2023*	2
1.94	People 65+ Living Below Poverty Level (Count)	*people*	1449				*2019-2023*	2
1.62	Gender Pay Gap	*cents on the dollar*	0.7		0.7	0.8	*2023*	1
1.38	Children Living Below 200% of Poverty Level	*percent*	34.9		38.3	36.1	*2023*	1
1.35	Income Inequality		0.4		0.5	0.5	*2019-2023*	2
1.35	Overcrowded Households	*percent*	1.7		1.4	3.4	*2019-2023*	2
1.35	Size of Labor Force	*persons*	49183				*April 2025*	22
1.32	Total Employment Change	*percent*	5.0		2.9	5.8	*2021-2022*	23
1.29	Unemployed Workers in Civilian Labor Force	*percent*	4.6		5.4	4.5	*April 2025*	22
1.26	Mortgaged Owners Spending 30% or More of Household Income on Housing	*percent*	24.3	25.5	21.2	28.5	*2023*	1
1.26	Severe Housing Problems	*percent*	11.5		12.7		*2017-2021*	10
1.24	Population 16+ in Civilian Labor Force	*percent*	62.3		60.1	59.8	*2019-2023*	2
1.18	Households with Student Loan Debt	*percent*	8.3		9.1	9.8	*2024*	8
0.97	Renters Spending 30% or More of Household Income on Rent	*percent*	41.0	25.5	45.1	50.4	*2019-2023*	2
0.91	Residential Segregation - Black/White	*Score*	52.7		69.6		*2025*	10
0.88	People 65+ Living Below Poverty Level	*percent*	7.2		9.5	10.4	*2019-2023*	2

0.85	People 65+ Living Below 200% of Poverty Level	*percent*	20.1	28.4	28.1	*2023*	1
0.85	People Living Below 200% of Poverty Level	*percent*	22.2	29.6	28.2	*2023*	1
0.76	Households with Cash Public Assistance Income	*percent*	1.6	2.5	2.7	*2019-2023*	2
0.71	Families Living Below 200% of Poverty Level	*Percent*	16.0	22.8	22.3	*2023*	1
0.71	Households that are Above the Asset Limited, Income Constrained, Employed (ALICE) Threshold	*percent*	72.1	61.5	58.0	*2023*	25
0.71	Households that are Asset Limited, Income Constrained, Employed (ALICE)	*percent*	21.7	25.0	29.4	*2023*	25
0.65	Households with a Savings Account	*percent*	77.7	70.9	72.0	*2024*	8
0.59	Child Food Insecurity Rate	*percent*	10.1	20.1	18.4	*2023*	11
0.59	Children Living Below Poverty Level	*percent*	5.2	18.0	16.3	*2019-2023*	2
0.59	Families Living Below Poverty Level	*percent*	3.9	9.2	8.7	*2019-2023*	2
0.59	Food Insecurity Rate	*percent*	10.9	15.3	14.5	*2023*	11
0.59	Students Eligible for the Free Lunch Program	*percent*	16.0	23.6	43.6	*2023-2024*	13
0.56	Households Living Below Poverty Level	*percent*	6.2	13.5	12.7	*2023*	25
0.47	Health Insurance Spending-to-Income Ratio	*percent*	5.4	6.6	5.9	*2025*	9
0.47	Unemployed Veterans	*percent*	0.8	2.8	3.2	*2019-2023*	2

0.44	Adults who Feel Overwhelmed by Financial Burdens	*percent*	30.0		34.0	33.6	*2024*	8
0.29	Adult Day Care Spending-to-Income Ratio	*percent*	7.3		11.1	11.9	*2025*	9
0.29	Adults with Disability Living in Poverty	*percent*	16.5		28.2	24.6	*2019-2023*	2
0.29	Cigarette Spending-to-Income Ratio	*percent*	1.6		2.1	1.9	*2025*	9
0.29	College Tuition Spending-to-Income Ratio	*percent*	8.7		12.6	11.9	*2025*	9
0.29	Day Care Center and Preschool Spending-to-Income Ratio	*percent*	4.9		7.4	7.1	*2025*	9
0.29	Gasoline and Other Fuels Spending-to-Income Ratio	*percent*	2.4		3.3	3.1	*2025*	9
0.29	Home Child Care Spending-to-Income Ratio	*percent*	2.3		3.2	3.3	*2025*	9
0.29	Home Renter Spending-to-Income Ratio	*percent*	8.5		16.3	17.0	*2025*	9
0.29	Homeowner Spending-to-Income Ratio	*percent*	10.1		14.3	13.5	*2025*	9
0.29	Homeowner Vacancy Rate	*percent*	0.2		0.9	1.0	*2019-2023*	2
0.29	Households that Used Check Cashing, Cash Advance, or Title Loan Shops	*percent*	1.5		2.0	2.0	*2024*	8
0.29	Households with a 401k Plan	*percent*	44.9		38.4	40.8	*2024*	8
0.29	People Living Below Poverty Level	*percent*	5.8	8.0	13.2	12.4	*2019-2023*	2
0.29	Student Loan Spending-to-Income Ratio	*percent*	3.2		4.6	4.5	*2025*	9
0.29	Utilities Spending-to-Income Ratio	*percent*	4.6		6.1	5.6	*2025*	9

0.29	Vocational, Technical, and Other School Tuition Spending-to-Income Ratio	*percent*	1.0		1.6	1.5	*2025*	9
0.29	Young Children Living Below Poverty Level	*percent*	7.0		20.0	17.6	*2019-2023*	2
0.00	Median Household Income	*dollars*	100783		69680	78538	*2019-2023*	2
0.00	Median Household Income: Householders 65+	*dollars*	67290		51608	57108	*2019-2023*	2
0.00	Per Capita Income	*dollars*	50431		39455	43289	*2019-2023*	2

SCORE	EDUCATION	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.06	Student-to-Teacher Ratio	*students/ teacher*	17.6		16.6	15.2	*2023-2024*	13
1.47	High School Graduation	*percent*	95.7	90.7	92.5		*2022-2023*	15
1.35	Veterans with a High School Diploma or Higher	*percent*	94.6		94.4	95.2	*2019-2023*	2
1.06	Child Care Centers	*per 1,000 population under age 5*	8.0		8.0	7.0	*2022*	10
1.06	People 25+ with a High School Diploma or Higher	*percent*	91.2		91.6	89.4	*2019-2023*	2
0.82	4th Grade Students Proficient in English/Language Arts	*percent*	80.9		64.1		*2023-2024*	15
0.82	4th Grade Students Proficient in Math	*percent*	83.7		67.2		*2023-2024*	15
0.82	8th Grade Students Proficient in English/Language Arts	*percent*	77.6		49.4		*2023-2024*	15
0.53	8th Grade Students Proficient in Math	*percent*	80.9		46.3		*2023-2024*	15
0.29	College Tuition Spending-to-Income Ratio	*percent*	8.7		12.6	11.9	*2025*	9

0.29	Day Care Center and Preschool Spending-to-Income Ratio	*percent*	4.9		7.4	7.1	*2025*	9
0.29	Home Child Care Spending-to-Income Ratio	*percent*	2.3		3.2	3.3	*2025*	9
0.29	People 25+ with a Bachelor's Degree or Higher	*percent*	38.7		30.9	35.0	*2019-2023*	2
0.29	Student Loan Spending-to-Income Ratio	*percent*	3.2		4.6	4.5	*2025*	9
0.29	Vocational, Technical, and Other School Tuition Spending-to-Income Ratio	*percent*	1.0		1.6	1.5	*2025*	9

SCORE	ENVIRONMENTAL HEALTH	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.65	Weeks of Moderate Drought or Worse	*weeks per year*	5				*2021*	14
1.50	Air Pollution due to Particulate Matter	*micrograms per cubic meter*	8.4		7.9		*2020*	10
1.50	Asthma: Medicare Population	*percent*	7.0		7.0	7.0	*2023*	7
1.35	Number of Extreme Heat Days	*days*	11				*2023*	14
1.35	Number of Extreme Heat Events	*events*	9				*2023*	14
1.35	Number of Extreme Precipitation Days	*days*	4				*2023*	14
1.35	Overcrowded Households	*percent*	1.7		1.4	3.4	*2019-2023*	2
1.29	Blood Lead Levels in Children (>=5 micrograms per deciliter)	*percent*	1.1		1.9		*2022*	19
1.29	Daily Dose of UV Irradiance	*Joule per square meter*	3253.0		3384.0		*2020*	14
1.26	Annual Ozone Air Quality	*grade*	C				*2021-2023*	3

1.26	Severe Housing Problems	*percent*	11.5	12.7		*2017-2021*	10
1.24	Access to Exercise Opportunities	*percent*	81.0	84.2		*2025*	10
1.24	Access to Parks	*percent*	51.9	59.6		*2020*	14
1.24	Adults with Current Asthma	*percent*	10.3		9.9	*2022*	5
1.15	Houses Built Prior to 1950	*percent*	17.1	24.9	16.4	*2019-2023*	2
1.06	Proximity to Highways	*percent*	3.0	7.2		*2020*	14
0.97	Social Vulnerability Index	*Score*	0.1			*2022*	6
0.79	Broadband Quality Score	*BQS Score*	59.1	53.4	50.0	*2022*	21
0.56	Food Environment Index		8.8	7.0		*2025*	10
0.44	Digital Divide Index	*DDI Score*	15.9	40.1	50.0	*2022*	21
0.29	Gasoline and Other Fuels Spending-to-Income Ratio	*percent*	2.4	3.3	3.1	*2025*	9
0.29	Liquor Store Density	*stores/ 100,000 population*	3.1	5.6	10.9	*2022*	23
0.29	Utilities Spending-to-Income Ratio	*percent*	4.6	6.1	5.6	*2025*	9

SCORE	HEALTH CARE ACCESS & QUALITY	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.44	Children with Health Insurance	*percent*	79.7		95.1	94.6	*2023*	1
2.29	Dentist Rate	*dentists/ 100,000 population*	46.1		65.2	73.5	*2022*	10
2.18	Persons without Health Insurance	*percent*	11.4		6.1	7.9	*2023*	1

1.85	Non-Physician Primary Care Provider Rate	*providers/ 100,000 population*	57.6		148.7		*2024*	10
1.76	Persons with Health Insurance	*percent*	90.8	92.4	92.9		*2022*	24
1.62	Adults with Health Insurance	*percent*	88.4		91.6	89.0	*2023*	1
1.44	Mental Health Provider Rate	*providers/ 100,000 population*	270.4		349.4		*2024*	10
1.41	Adults who have had a Routine Checkup	*percent*	78.2			76.1	*2022*	5
1.32	Adults With Individual Health Insurance	*percent*	20.3		20.5	20.2	*2024*	8
1.32	Preventable Hospital Stays: Medicare Population	*discharges/ 100,000 Medicare enrollees*	2844.0		3269.0	2769.0	*2023*	7
1.18	Primary Care Provider Rate	*providers/ 100,000 population*	69.1		75.3	74.9	*2021*	10
0.94	Adults with Health Insurance: 18+	*percent*	82.0		74.7	75.2	*2024*	8
0.71	Adults without Health Insurance	*percent*	5.2			10.8	*2022*	5
0.59	Adults who Visited a Dentist	*percent*	53.1		44.3	45.3	*2024*	8
0.47	Health Insurance Spending-to-Income Ratio	*percent*	5.4		6.6	5.9	*2025*	9
0.44	Adults who go to the Doctor Regularly for Checkups	*percent*	71.7		65.2	65.1	*2024*	8
0.44	Adults With Group Health Insurance	*percent*	44.3		37.4	39.8	*2024*	8

SCORE	HEART DISEASE & STROKE	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source

1.94	High Cholesterol Prevalence	*percent*	37.8			35.5	*2021*	5
1.76	Adults who Experienced Coronary Heart Disease	*percent*	8.6			6.8	*2022*	5
1.68	Hyperlipidemia: Medicare Population	*percent*	67.0		67.0	66.0	*2023*	7
1.59	Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)	*deaths/ 100,000 population*	39.8	33.4	46.0		*2020-2022*	19
1.50	Ischemic Heart Disease: Medicare Population	*percent*	22.0		22.0	21.0	*2023*	7
1.24	Adults who Have Taken Medications for High Blood Pressure	*percent*	81.2			78.2	*2021*	5
1.24	High Blood Pressure Prevalence	*percent*	35.7	41.9		32.7	*2021*	5
1.12	Age-Adjusted Death Rate due to Coronary Heart Disease	*deaths/ 100,000 population*	74.9	71.1	101.6		*2020-2022*	19
0.97	Atrial Fibrillation: Medicare Population	*percent*	14.0		15.0	14.0	*2023*	7
0.97	Heart Failure: Medicare Population	*percent*	11.0		12.0	11.0	*2023*	7
0.97	Hypertension: Medicare Population	*percent*	63.0		67.0	65.0	*2023*	7
0.88	Adults who Experienced a Stroke	*percent*	3.6			3.6	*2022*	5
0.88	Cholesterol Test History	*percent*	87.0			86.4	*2021*	5
0.79	Stroke: Medicare Population	*percent*	5.0		5.0	6.0	*2023*	7
0.74	Age-Adjusted Death Rate due to Heart Attack	*deaths/ 100,000 population 35+ years*	46.7		60.9		*2021*	14

SCORE	IMMUNIZATIONS & INFECTIOUS DISEASES	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source

1.35	Overcrowded Households	*percent*	1.7		1.4	3.4	*2019-2023*	2
1.29	Salmonella Infection Incidence Rate	*cases/ 100,000 population*	11.5	11.5	13.8		*2023*	16
1.03	Syphilis Incidence Rate	*cases/ 100,000 population*	4.2		16.4	15.8	*2023*	16
0.79	Adults who Agree Vaccine Benefits Outweigh Possible Risks	*Percent*	62.9		59.8	60.4	*2024*	8
0.71	Tuberculosis Incidence Rate	*cases/ 100,000 population*	0.0	1.4	1.6	2.9	*2023*	16
0.62	Flu Vaccinations: Medicare Population	*percent*	54.0		50.0	3.0	*2023*	7
0.53	Age-Adjusted Death Rate due to Influenza and Pneumonia	*deaths/ 100,000 population*	8.8		12.3		*2020-2022*	19
0.44	Pneumonia Vaccinations: Medicare Population	*percent*	11.0		9.0	9.0	*2023*	7
0.26	Chlamydia Incidence Rate	*cases/ 100,000 population*	88.0		464.2	492.2	*2023*	16
0.26	Gonorrhea Incidence Rate	*cases/ 100,000 population*	19.9		168.8	179.5	*2023*	16

SCORE	MATERNAL, FETAL & INFANT HEALTH	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.15	Mothers who Received Early Prenatal Care	*percent*	55.3		68.6	75.3	*2022*	17
1.09	Mothers who Smoked During Pregnancy	*percent*	4.4	4.3	7.9	3.7	*2022*	17
0.97	Preterm Births	*percent*	7.2	9.4	10.8		*2022*	17
0.85	Teen Birth Rate: 15-17	*live births/ 1,000 females aged 15-17*	0.5		6.1	5.6	*2022*	17
0.82	Babies with Very Low Birthweight	*percent*	0.3		1.5		*2022*	17
0.56	Babies with Low Birthweight	*percent*	6.0		8.7	8.6	*2022*	17

0.56	Infant Mortality Rate	*deaths/ 1,000 live births*	2.1	5.0	6.7	5.4	*2020*	17

SCORE	MENTAL HEALTH & MENTAL DISORDERS	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.59	Adults Ever Diagnosed with Depression	*percent*	23.8			20.7	*2022*	5
1.44	Mental Health Provider Rate	*providers/ 100,000 population*	270.4		349.4		*2024*	10
1.41	Age-Adjusted Death Rate due to Alzheimer's Disease	*deaths/ 100,000 population*	21.1		33.8		*2020-2022*	19
1.38	Poor Mental Health: Average Number of Days	*days*	5.8		6.1		*2022*	10
1.32	Age-Adjusted Death Rate due to Suicide	*deaths/ 100,000 population*	14.1	12.8	14.5		*2020-2022*	19
1.32	Alzheimer's Disease or Dementia: Medicare Population	*percent*	6.0		6.0	6.0	*2023*	7
1.24	Poor Mental Health: 14+ Days	*percent*	16.4			15.8	*2022*	5
0.97	Depression: Medicare Population	*percent*	16.0		18.0	17.0	*2023*	7
0.79	Self-Reported General Health Assessment: Good or Better	*percent*	89.0		85.4	86.0	*2024*	8
0.44	Adults who Feel Life is Slipping Out of Control	*Percent*	21.3		24.1	23.9	*2024*	8

SCORE	NUTRITION & HEALTHY EATING	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
0.79	Adults who Drank Soft Drinks: Past 7 Days	*percent*	45.8		48.6	47.5	*2024*	8
0.79	Adults who Frequently Cook Meals at Home	*Percent*	71.8		67.6	67.7	*2024*	8

0.56	Food Environment Index		8.8		7.0		*2025*	10
0.00	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	*Percent*	32.4		38.1	38.2	*2024*	8

SCORE	OLDER ADULTS	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.21	Cancer: Medicare Population	*percent*	13.0		12.0	12.0	*2023*	7
1.94	People 65+ Living Below Poverty Level (Count)	*people*	1449				*2019-2023*	2
1.94	Prostate Cancer Incidence Rate	*cases/ 100,000 males*	111.7		118.1	113.2	*2017-2021*	12
1.85	Osteoporosis: Medicare Population	*percent*	12.0		11.0	12.0	*2023*	7
1.85	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	*percent*	39.0		39.0	36.0	*2023*	7
1.68	Hyperlipidemia: Medicare Population	*percent*	67.0		67.0	66.0	*2023*	7
1.65	People 65+ Living Alone (Count)	*people*	4107				*2019-2023*	2
1.50	Asthma: Medicare Population	*percent*	7.0		7.0	7.0	*2023*	7
1.50	Ischemic Heart Disease: Medicare Population	*percent*	22.0		22.0	21.0	*2023*	7
1.41	Age-Adjusted Death Rate due to Alzheimer's Disease	*deaths/ 100,000 population*	21.1		33.8		*2020-2022*	19
1.32	Alzheimer's Disease or Dementia: Medicare Population	*percent*	6.0		6.0	6.0	*2023*	7
1.29	Age-Adjusted Death Rate due to Falls	*deaths/ 100,000 population*	9.5		12.1		*2020-2022*	19
1.15	Mammography Screening: Medicare Population	*percent*	50.0		51.0	39.0	*2023*	7

0.97	Atrial Fibrillation: Medicare Population	*percent*	14.0	15.0	14.0	*2023*	7
0.97	Depression: Medicare Population	*percent*	16.0	18.0	17.0	*2023*	7
0.97	Heart Failure: Medicare Population	*percent*	11.0	12.0	11.0	*2023*	7
0.97	Hypertension: Medicare Population	*percent*	63.0	67.0	65.0	*2023*	7
0.88	Adults 65+ with Total Tooth Loss	*percent*	11.0		12.2	*2022*	5
0.88	People 65+ Living Below Poverty Level	*percent*	7.2	9.5	10.4	*2019-2023*	2
0.79	Stroke: Medicare Population	*percent*	5.0	5.0	6.0	*2023*	7
0.62	Chronic Kidney Disease: Medicare Population	*percent*	16.0	19.0	18.0	*2023*	7
0.62	COPD: Medicare Population	*percent*	10.0	13.0	11.0	*2023*	7
0.44	Diabetes: Medicare Population	*percent*	19.0	25.0	24.0	*2023*	7
0.29	Adult Day Care Spending-to-Income Ratio	*percent*	7.3	11.1	11.9	*2025*	9
0.29	People 65+ Living Alone	*percent*	19.8	30.2	26.5	*2019-2023*	2
0.00	Median Household Income: Householders 65+	*dollars*	67290	51608	57108	*2019-2023*	2

SCORE	ORAL HEALTH	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.29	Dentist Rate	*dentists/ 100,000 population*	46.1		65.2	73.5	*2022*	10
0.88	Adults 65+ with Total Tooth Loss	*percent*	11.0			12.2	*2022*	5
0.59	Adults who Visited a Dentist	*percent*	53.1		44.3	45.3	*2024*	8

0.29	Oral Cavity and Pharynx Cancer Incidence Rate	*cases/ 100,000 population*	9.6		12.8	12.0	*2017-2021*	12

SCORE	OTHER CHRONIC CONDITIONS	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.85	Osteoporosis: Medicare Population	*percent*	12.0		11.0	12.0	*2023*	7
1.85	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	*percent*	39.0		39.0	36.0	*2023*	7
1.76	Adults with Arthritis	*percent*	32.1			26.6	*2022*	5
1.12	Age-Adjusted Death Rate due to Kidney Disease	*deaths/ 100,000 population*	9.6		15.1		*2020-2022*	19
0.62	Chronic Kidney Disease: Medicare Population	*percent*	16.0		19.0	18.0	*2023*	7

SCORE	PHYSICAL ACTIVITY	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.71	Workers who Walk to Work	*percent*	1.8		2.0	2.4	*2019-2023*	2
1.24	Access to Exercise Opportunities	*percent*	81.0		84.2		*2025*	10
1.24	Access to Parks	*percent*	51.9		59.6		*2020*	14
1.15	Adults 20+ Who Are Obese	*percent*	28.3	36.0			*2021*	6
0.82	Adults 20+ who are Sedentary	*percent*	13.5				*2021*	6

SCORE	PREVENTION & SAFETY	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.29	Age-Adjusted Death Rate due to Falls	*deaths/ 100,000 population*	9.5		12.1		*2020-2022*	19
1.26	Severe Housing Problems	*percent*	11.5		12.7		*2017-2021*	10

0.85	Age-Adjusted Death Rate due to Firearms	*deaths/ 100,000 population*	7.0	10.7	13.5	12.0	*2018-2020*	6
0.82	Age-Adjusted Death Rate due to Unintentional Poisonings	*deaths/ 100,000 population*	14.8		46.5		*2020-2022*	19
0.71	Death Rate due to Drug Poisoning	*deaths/ 100,000 population*	13.0	20.7	44.7		*2020-2022*	10
0.71	Death Rate due to Injuries	*deaths/ 100,000 population*	64.6		100.7		*2018-2022*	10
0.71	Death Rate due to Motor Vehicle Collisions	*deaths/ 100,000 population*	8.6		11.1		*2016-2022*	10

SCORE	RESPIRATORY DISEASES	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.53	Adults Who Used Smokeless Tobacco: Past 30 Days	*percent*	2.0		1.7	1.6	*2024*	8
1.50	Asthma: Medicare Population	*percent*	7.0		7.0	7.0	*2023*	7
1.41	Adults who Smoke	*percent*	16.5	6.1		12.9	*2022*	5
1.41	Adults with COPD	*Percent of adults*	8.7			6.8	*2022*	5
1.24	Adults with Current Asthma	*percent*	10.3			9.9	*2022*	5
1.06	Proximity to Highways	*percent*	3.0		7.2		*2020*	14
0.71	Tuberculosis Incidence Rate	*cases/ 100,000 population*	0.0	1.4	1.6	2.9	*2023*	16
0.62	COPD: Medicare Population	*percent*	10.0		13.0	11.0	*2023*	7
0.53	Age-Adjusted Death Rate due to Chronic Lower Respiratory Diseases	*deaths/ 100,000 population*	26.2		42.8		*2020-2022*	19
0.53	Age-Adjusted Death Rate due to Influenza and Pneumonia	*deaths/ 100,000 population*	8.8		12.3		*2020-2022*	19
0.44	Adults Who Used Electronic Cigarettes: Past 30 Days	*percent*	5.3		6.9	6.8	*2024*	8

0.29	Age-Adjusted Death Rate due to Lung Cancer	*deaths/ 100,000 population*	28.2	25.1	39.8	32.4	*2018-2022*	12
0.29	Lung and Bronchus Cancer Incidence Rate	*cases/ 100,000 population*	47.1		64.3	53.1	*2017-2021*	12

SCORE	SEXUALLY TRANSMITTED INFECTIONS	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.03	Syphilis Incidence Rate	*cases/ 100,000 population*	4.2		16.4	15.8	*2023*	16
0.26	Chlamydia Incidence Rate	*cases/ 100,000 population*	88.0		464.2	492.2	*2023*	16
0.26	Gonorrhea Incidence Rate	*cases/ 100,000 population*	19.9		168.8	179.5	*2023*	16

SCORE	TOBACCO USE	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.53	Adults Who Used Smokeless Tobacco: Past 30 Days	*percent*	2.0		1.7	1.6	*2024*	8
1.41	Adults who Smoke	*percent*	16.5	6.1		12.9	*2022*	5
0.71	Tobacco Use: Medicare Population	*percent*	5.0		7.0	6.0	*2023*	7
0.44	Adults Who Used Electronic Cigarettes: Past 30 Days	*percent*	5.3		6.9	6.8	*2024*	8
0.29	Cigarette Spending-to-Income Ratio	*percent*	1.6		2.1	1.9	*2025*	9
0.29	Lung and Bronchus Cancer Incidence Rate	*cases/ 100,000 population*	47.1		64.3	53.1	*2017-2021*	12

SCORE	WEIGHT STATUS	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.94	Obesity: Medicare Population	*percent*	26.0		25.0	20.0	*2023*	7
1.15	Adults 20+ Who Are Obese	*percent*	28.3	36.0			*2021*	6

0.79	Adults Happy with Weight	*Percent*	44.7		42.1	42.6	*2024*	8

SCORE	WELLNESS & LIFESTYLE	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.24	High Blood Pressure Prevalence	*percent*	35.7	41.9		32.7	*2021*	5
1.24	Poor Physical Health: 14+ Days	*percent*	13.1			12.7	*2022*	5
1.06	Insufficient Sleep	*percent*	33.9	26.7		36.0	*2022*	5
0.88	Life Expectancy	*years*	80.0		75.2		*2020-2022*	10
0.88	Self-Reported General Health Assessment: Poor or Fair	*percent*	16.9			17.9	*2022*	5
0.85	Poor Physical Health: Average Number of Days	*days*	3.8		4.3		*2022*	10
0.79	Adults Happy with Weight	*Percent*	44.7		42.1	42.6	*2024*	8
0.79	Adults who Agree Vaccine Benefits Outweigh Possible Risks	*Percent*	62.9		59.8	60.4	*2024*	8
0.79	Adults who Frequently Cook Meals at Home	*Percent*	71.8		67.6	67.7	*2024*	8
0.79	Self-Reported General Health Assessment: Good or Better	*percent*	89.0		85.4	86.0	*2024*	8
0.44	Adults who Feel Life is Slipping Out of Control	*Percent*	21.3		24.1	23.9	*2024*	8
0.00	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	*Percent*	32.4		38.1	38.2	*2024*	8

SCORE	WOMEN'S HEALTH	UNITS	GEAUGA COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.71	Breast Cancer Incidence Rate	*cases/ 100,000 females*	151.7		132.3	129.8	*2017-2021*	12

1.15	Mammography Screening: Medicare Population	*percent*	50.0		51.0	39.0	*2023*	7
1.00	Age-Adjusted Death Rate due to Breast Cancer	*deaths/ 100,000 females*	19.2	15.3	20.2	19.3	*2018-2022*	12
0.88	Cervical Cancer Screening: 21-65	*Percent*	83.7			82.8	*2020*	5
0.88	Mammogram in Past 2 Years: 50-74	*percent*	80.0	80.3		76.5	*2022*	5

Lake County Indicator Scores

Table 22 includes all indicators that were scored as part of the Geauga County secondary data analysis. Refer to Table 21 to identify each indicator's data source.

Table 21: Indicator Scoring Data Source Key

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

Table 22: All Lake County Secondary Data Indicators

SCORE	ALCOHOL & DRUG USE	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.44	Alcohol-Impaired Driving Deaths	*percent of driving deaths with alcohol involvement*	50.0		32.1		*2018-2022*	10
2.03	Age-Adjusted Drug and Opioid-Involved Overdose Death Rate	*Deaths per 100,000 population*	39.4		40.4	23.5	*2018-2020*	6
1.59	Adults who Binge Drink	*percent*	17.1			16.6	*2022*	5
1.38	Adults who Drink Excessively	*percent*	19.8		21.2		*2022*	10
1.24	Death Rate due to Drug Poisoning	*deaths/ 100,000 population*	38.2	20.7	44.7		*2020-2022*	10
1.15	Liquor Store Density	*stores/ 100,000 population*	6.5		5.6	10.9	*2022*	23
1.09	Mothers who Smoked During Pregnancy	*percent*	5.8	4.3	7.9	3.7	*2022*	17

SCORE	CANCER	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.74	Cervical Cancer Incidence Rate	*cases/ 100,000 females*	10.6		7.8	7.5	*2017-2021*	12
2.35	Breast Cancer Incidence Rate	*cases/ 100,000 females*	141.9		132.3	129.8	*2017-2021*	12
2.12	Adults with Cancer (Non-Skin) or Melanoma	*percent*	9.8			8.2	*2022*	5
2.12	Prostate Cancer Incidence Rate	*cases/ 100,000 males*	114.2		118.1	113.2	*2017-2021*	12
2.00	All Cancer Incidence Rate	*cases/ 100,000 population*	488.5		470.0	444.4	*2017-2021*	12

1.82	Age-Adjusted Death Rate due to Prostate Cancer	*deaths/ 100,000 males*	19.7	16.9	19.3	19.0	*2018-2022*	12
1.53	Age-Adjusted Death Rate due to Colorectal Cancer	*deaths/ 100,000 population*	14.3	8.9	13.9	12.9	*2018-2022*	12
1.53	Lung and Bronchus Cancer Incidence Rate	*cases/ 100,000 population*	63.8		64.3	53.1	*2017-2021*	12
1.50	Cancer: Medicare Population	*percent*	12.0		12.0	12.0	*2023*	7
1.32	Oral Cavity and Pharynx Cancer Incidence Rate	*cases/ 100,000 population*	12.3		12.8	12.0	*2017-2021*	12
0.97	Mammography Screening: Medicare Population	*percent*	51.0		51.0	39.0	*2023*	7
0.88	Age-Adjusted Death Rate due to Lung Cancer	*deaths/ 100,000 population*	37.4	25.1	39.8	32.4	*2018-2022*	12
0.88	Cervical Cancer Screening: 21-65	*Percent*	82.8			82.8	*2020*	5
0.88	Colon Cancer Screening: USPSTF Recommendation	*percent*	67.4			66.3	*2022*	5
0.88	Mammogram in Past 2 Years: 50-74	*percent*	78.2	80.3		76.5	*2022*	5
0.82	Colorectal Cancer Incidence Rate	*cases/ 100,000 population*	35.3		38.9	36.4	*2017-2021*	12
0.71	Age-Adjusted Death Rate due to Breast Cancer	*deaths/ 100,000 females*	18.2	15.3	20.2	19.3	*2018-2022*	12
0.71	Age-Adjusted Death Rate due to Cancer	*deaths/ 100,000 population*	155.3	122.7	161.1	146.0	*2018-2022*	12

SCORE	CHILDREN'S HEALTH	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.06	Child Care Centers	*per 1,000 population under age 5*	8.2		8.0	7.0	*2022*	10
0.94	Child Food Insecurity Rate	*percent*	16.2		20.1	18.4	*2023*	11

0.91	Children with Health Insurance	*percent*	97.8		95.1	94.6	*2023*	1
0.82	Blood Lead Levels in Children (>=5 micrograms per deciliter)	*percent*	0.6		1.9		*2022*	19
0.82	Substantiated Child Abuse Rate	*cases/ 1,000 children*	3.8	8.7	6.9		*2021*	4
0.71	Child Mortality Rate: Under 20	*deaths/ 100,000 population under 20*	39.2		59.2		*2019-2022*	10
0.29	Home Child Care Spending-to-Income Ratio	*percent*	2.7		3.2	3.3	*2025*	9

SCORE	COMMUNITY	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.82	People 65+ Living Alone	*percent*	30.9		30.2	26.5	*2019-2023*	2
2.71	Workers who Walk to Work	*percent*	1.1		2.0	2.4	*2019-2023*	2
2.65	Median Monthly Owner Costs for Households without a Mortgage	*dollars*	620		570	612	*2019-2023*	2
2.53	Total Employment Change	*percent*	0.9		2.9	5.8	*2021-2022*	23
2.44	Alcohol-Impaired Driving Deaths	*percent of driving deaths with alcohol involvement*	50.0		32.1		*2018-2022*	10
2.38	Grandparents Who Are Responsible for Their Grandchildren	*percent*	42.4		41.3	32.0	*2019-2023*	2
2.29	Median Household Gross Rent	*dollars*	1073		988	1348	*2019-2023*	2
2.26	Social Associations	*membership associations/ 10,000 population*	8.5		10.8		*2022*	10

2.06	Youth not in School or Working	*percent*	2.2		1.7	1.7	*2019-2023*	2
1.94	Mortgaged Owners Median Monthly Household Costs	*dollars*	1472		1472	1902	*2019-2023*	2
1.94	People 65+ Living Alone (Count)	*people*	15103				*2019-2023*	2
1.68	Linguistic Isolation	*percent*	1.6		1.5	4.2	*2019-2023*	2
1.65	Children in Single-Parent Households	*percent*	24.7		26.1	24.8	*2019-2023*	2
1.65	Workers Commuting by Public Transportation	*percent*	0.6	5.3	1.1	3.5	*2019-2023*	2
1.29	Adults with Internet Access	*percent*	82.0		80.9	81.3	*2024*	8
1.18	Day Care Center and Preschool Spending-to-Income Ratio	*percent*	6.6		7.4	7.1	*2025*	9
1.09	Residential Segregation - Black/White	*Score*	53.0		69.6		*2025*	10
1.06	Workers who Drive Alone to Work	*percent*	77.9		76.6	70.2	*2019-2023*	2
1.00	Adult Day Care Spending-to-Income Ratio	*percent*	10.2		11.1	11.9	*2025*	9
1.00	Violent Crime Rate	*crimes/ 100,000 population*	140.9		331.0		*2024*	18
1.00	Voter Turnout: Presidential Election	*percent*	78.6	58.4	71.7		*2024*	20
0.97	Adults Who Vote in Presidential Elections: Always or Sometimes	*percent*	86.8		84.9	85.1	*2024*	8
0.97	Adults With Group Health Insurance	*percent*	39.5		37.4	39.8	*2024*	8
0.97	Digital Distress		1.0				*2022*	21
0.97	Social Vulnerability Index	*Score*	0.1				*2022*	6

0.97	Solo Drivers with a Long Commute	*percent*	31.3		30.5		*2019-2023*	10
0.88	People 25+ with a Bachelor's Degree or Higher	*percent*	30.5		30.9	35.0	*2019-2023*	2
0.85	Age-Adjusted Death Rate due to Firearms	*deaths/ 100,000 population*	7.7	10.7	13.5	12.0	*2018-2020*	6
0.82	Mean Travel Time to Work	*minutes*	23.3		23.6	26.6	*2019-2023*	2
0.82	Substantiated Child Abuse Rate	*cases/ 1,000 children*	3.8	8.7	6.9		*2021*	4
0.79	Adults With Individual Health Insurance	*percent*	22.0		20.5	20.2	*2024*	8
0.74	Persons with Health Insurance	*percent*	93.8	92.4	92.9		*2022*	24
0.71	Death Rate due to Motor Vehicle Collisions	*deaths/ 100,000 population*	6.9		11.1		*2016-2022*	10
0.71	Households with a Smartphone	*percent*	88.3		87.5	88.2	*2024*	8
0.65	Female Population 16+ in Civilian Labor Force	*percent*	61.3		59.2	58.7	*2019-2023*	2
0.65	Gasoline and Other Fuels Spending-to-Income Ratio	*percent*	3.0		3.3	3.1	*2025*	9
0.65	Households with a Computer	*percent*	87.5		85.2	86.0	*2024*	8
0.59	People Living Below Poverty Level	*percent*	8.2	8.0	13.2	12.4	*2019-2023*	2
0.53	Households with One or More Types of Computing Devices	*percent*	94.6		93.6	94.8	*2019-2023*	2
0.53	Per Capita Income	*dollars*	43197		39455	43289	*2019-2023*	2
0.44	Broadband Quality Score	*BQS Score*	65.9		53.4	50.0	*2022*	21
0.44	Digital Divide Index	*DDI Score*	15.0		40.1	50.0	*2022*	21

0.35	Households with an Internet Subscription	*percent*	91.9		89.0	89.9	*2019-2023*	2
0.35	Median Household Income	*dollars*	77952		69680	78538	*2019-2023*	2
0.35	People 25+ with a High School Diploma or Higher	*percent*	93.9		91.6	89.4	*2019-2023*	2
0.35	Persons with an Internet Subscription	*percent*	94.0		91.3	92.0	*2019-2023*	2
0.35	Population 16+ in Civilian Labor Force	*percent*	62.7		60.1	59.8	*2019-2023*	2
0.29	Children Living Below Poverty Level	*percent*	11.5		18.0	16.3	*2019-2023*	2
0.29	Young Children Living Below Poverty Level	*percent*	9.7		20.0	17.6	*2019-2023*	2

SCORE	DIABETES	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.65	Adults 20+ with Diabetes	*percent*	8.8				*2021*	6
1.41	Age-Adjusted Death Rate due to Diabetes	*deaths/ 100,000 population*	22.2		28.4		*2020-2022*	19
0.97	Diabetes: Medicare Population	*percent*	24.0		25.0	24.0	*2023*	7

SCORE	ECONOMY	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.65	Median Monthly Owner Costs for Households without a Mortgage	*dollars*	620		570	612	*2019-2023*	2
2.53	Total Employment Change	*percent*	0.9		2.9	5.8	*2021-2022*	23
2.29	Median Household Gross Rent	*dollars*	1073		988	1348	*2019-2023*	2
2.12	Renters Spending 30% or More of Household Income on Rent	*percent*	46.0	25.5	45.1	50.4	*2019-2023*	2
2.06	Homeowner Spending-to-Income Ratio	*percent*	14.5		14.3	13.5	*2025*	9

2.06	Youth not in School or Working	*percent*	2.2	1.7	1.7	*2019-2023*	2
1.94	Mortgaged Owners Median Monthly Household Costs	*dollars*	1472	1472	1902	*2019-2023*	2
1.94	People 65+ Living Below Poverty Level (Count)	*people*	3438			*2019-2023*	2
1.50	Households that are Asset Limited, Income Constrained, Employed (ALICE)	*percent*	24.7	25.0	29.4	*2023*	26
1.47	Unemployed Workers in Civilian Labor Force	*percent*	4.9	5.4	4.5	*April 2025*	22
1.35	Health Insurance Spending-to-Income Ratio	*percent*	6.5	6.6	5.9	*2025*	9
1.35	Home Renter Spending-to-Income Ratio	*percent*	15.5	16.3	17.0	*2025*	9
1.35	Size of Labor Force	*persons*	124299			*Apr-25*	22
1.26	Children Living Below 200% of Poverty Level	*percent*	35.8	38.3	36.1	*2023*	1
1.24	Households with Cash Public Assistance Income	*percent*	2.1	2.5	2.7	*2019-2023*	2
1.21	Households that are Above the Asset Limited, Income Constrained, Employed (ALICE) Threshold	*percent*	65.5	61.5	58.0	*2023*	26
1.18	Day Care Center and Preschool Spending-to-Income Ratio	*percent*	6.6	7.4	7.1	*2025*	9
1.18	Households with Student Loan Debt	*percent*	8.8	9.1	9.8	*2024*	8
1.09	Gender Pay Gap	*cents on the dollar*	0.8	0.7	0.8	*2023*	1
1.09	Residential Segregation - Black/White	*Score*	53.0	69.6		*2025*	10

1.03	Families Living Below 200% of Poverty Level	*Percent*	19.3		22.8	22.3	*2023*	1
1.03	People 65+ Living Below 200% of Poverty Level	*percent*	23.2		28.4	28.1	*2023*	1
1.03	People Living Below 200% of Poverty Level	*percent*	24.8		29.6	28.2	*2023*	1
1.00	Adult Day Care Spending-to-Income Ratio	*percent*	10.2		11.1	11.9	*2025*	9
1.00	Cigarette Spending-to-Income Ratio	*percent*	2.0		2.1	1.9	*2025*	9
1.00	College Tuition Spending-to-Income Ratio	*percent*	11.2		12.6	11.9	*2025*	9
1.00	Utilities Spending-to-Income Ratio	*percent*	5.7		6.1	5.6	*2025*	9
0.97	Income Inequality		0.4		0.5	0.5	*2019-2023*	2
0.94	Child Food Insecurity Rate	*percent*	16.2		20.1	18.4	*2023*	11
0.94	Food Insecurity Rate	*percent*	13.4		15.3	14.5	*2023*	11
0.88	Mortgaged Owners Spending 30% or More of Household Income on Housing	*percent*	20.1	25.5	21.2	28.5	*2023*	1
0.88	People 65+ Living Below Poverty Level	*percent*	7.2		9.5	10.4	*2019-2023*	2
0.88	Unemployed Veterans	*percent*	2.7		2.8	3.2	*2019-2023*	2
0.85	Households Living Below Poverty Level	*percent*	9.8		13.5	12.7	*2023*	26
0.82	Households with a 401k Plan	*percent*	40.7		38.4	40.8	*2024*	8
0.82	Students Eligible for the Free Lunch Program	*percent*	24.6		23.6	43.6	*2023-2024*	13

0.82	Vocational, Technical, and Other School Tuition Spending-to-Income Ratio	*percent*	1.4		1.6	1.5	*2025*	9
0.79	Adults who Feel Overwhelmed by Financial Burdens	*percent*	31.8		34.0	33.6	*2024*	8
0.76	Adults with Disability Living in Poverty	*percent*	21.2		28.2	24.6	*2019-2023*	2
0.76	Overcrowded Households	*percent*	1.2		1.4	3.4	*2019-2023*	2
0.71	Median Household Income: Householders 65+	*dollars*	54575		51608	57108	*2019-2023*	2
0.65	Female Population 16+ in Civilian Labor Force	*percent*	61.3		59.2	58.7	*2019-2023*	2
0.65	Gasoline and Other Fuels Spending-to-Income Ratio	*percent*	3.0		3.3	3.1	*2025*	9
0.65	Households with a Savings Account	*percent*	74.2		70.9	72.0	*2024*	8
0.59	Families Living Below Poverty Level	*percent*	5.2		9.2	8.7	*2019-2023*	2
0.59	People Living Below Poverty Level	*percent*	8.2	8.0	13.2	12.4	*2019-2023*	2
0.53	Per Capita Income	*dollars*	43197		39455	43289	*2019-2023*	2
0.44	Severe Housing Problems	*percent*	9.5		12.7		*2017-2021*	10
0.35	Median Household Income	*dollars*	77952		69680	78538	*2019-2023*	2
0.35	Population 16+ in Civilian Labor Force	*percent*	62.7		60.1	59.8	*2019-2023*	2
0.29	Children Living Below Poverty Level	*percent*	11.5		18.0	16.3	*2019-2023*	2
0.29	Home Child Care Spending-to-Income Ratio	*percent*	2.7		3.2	3.3	*2025*	9
0.29	Student Loan Spending-to-Income Ratio	*percent*	4.0		4.6	4.5	*2025*	9

0.29	Veterans Living Below Poverty Level	*percent*	3.8		7.4	7.2	*2019-2023*	2
0.29	Young Children Living Below Poverty Level	*percent*	9.7		20.0	17.6	*2019-2023*	2
0.00	Homeowner Vacancy Rate	*percent*	0.4		0.9	1.0	*2019-2023*	2

SCORE	EDUCATION	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.53	Student-to-Teacher Ratio	*students/ teacher*	18.0		16.6	15.2	*2023-2024*	13
1.50	High School Graduation	*percent*	93.6	90.7	92.5		*2022-2023*	15
1.18	4th Grade Students Proficient in English/Language Arts	*percent*	69.7		64.1		*2023-2024*	15
1.18	Day Care Center and Preschool Spending-to-Income Ratio	*percent*	6.6		7.4	7.1	*2025*	9
1.06	Child Care Centers	*per 1,000 population under age 5*	8.2		8.0	7.0	*2022*	10
1.00	4th Grade Students Proficient in Math	*percent*	75.1		67.2		*2023-2024*	15
1.00	8th Grade Students Proficient in English/Language Arts	*percent*	56.5		49.4		*2023-2024*	15
1.00	8th Grade Students Proficient in Math	*percent*	53.0		46.3		*2023-2024*	15
1.00	College Tuition Spending-to-Income Ratio	*percent*	11.2		12.6	11.9	*2025*	9
0.88	People 25+ with a Bachelor's Degree or Higher	*percent*	30.5		30.9	35.0	*2019-2023*	2
0.82	Veterans with a High School Diploma or Higher	*percent*	96.1		94.4	95.2	*2019-2023*	2

0.82	Vocational, Technical, and Other School Tuition Spending-to-Income Ratio	*percent*	1.4		1.6	1.5	*2025*	9
0.35	People 25+ with a High School Diploma or Higher	*percent*	93.9		91.6	89.4	*2019-2023*	2
0.29	Home Child Care Spending-to-Income Ratio	*percent*	2.7		3.2	3.3	*2025*	9
0.29	Student Loan Spending-to-Income Ratio	*percent*	4.0		4.6	4.5	*2025*	9

SCORE	ENVIRONMENTAL HEALTH	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.94	Proximity to Highways	*percent*	6.6		7.2		*2020*	14
1.94	Recognized Carcinogens Released into Air	*pounds*	80245.7				*2023*	25
1.76	Adults with Current Asthma	*percent*	10.9			9.9	*2022*	5
1.65	PBT Released	*pounds*	5767.3				*2023*	25
1.65	Weeks of Moderate Drought or Worse	*weeks per year*	5				*2021*	14
1.59	Annual Ozone Air Quality	*grade*	F				*2021-2023*	3
1.56	Annual Particle Pollution	*grade*	C				*2021-2023*	3
1.50	Asthma: Medicare Population	*percent*	7.0		7.0	7.0	*2023*	7
1.47	Daily Dose of UV Irradiance	*Joule per square meter*	3379.0		3384.0		*2020*	14
1.35	Number of Extreme Heat Days	*days*	9				*2023*	14
1.35	Number of Extreme Heat Events	*events*	8				*2023*	14
1.21	Food Environment Index		7.9		7.0		*2025*	10

1.15	Liquor Store Density	*stores/ 100,000 population*	6.5		5.6	10.9	*2022*	23
1.00	Utilities Spending-to-Income Ratio	*percent*	5.7		6.1	5.6	*2025*	9
0.97	Social Vulnerability Index	*Score*	0.1				*2022*	6
0.88	Access to Exercise Opportunities	*percent*	87.8		84.2		*2025*	10
0.82	Blood Lead Levels in Children (>=5 micrograms per deciliter)	*percent*	0.6		1.9		*2022*	19
0.76	Overcrowded Households	*percent*	1.2		1.4	3.4	*2019-2023*	2
0.71	Access to Parks	*percent*	70.6		59.6		*2020*	14
0.65	Gasoline and Other Fuels Spending-to-Income Ratio	*percent*	3.0		3.3	3.1	*2025*	9
0.65	Houses Built Prior to 1950	*percent*	14.8		24.9	16.4	*2019-2023*	2
0.56	Air Pollution due to Particulate Matter	*micrograms per cubic meter*	6.2		7.9		*2020*	10
0.44	Broadband Quality Score	*BQS Score*	65.9		53.4	50.0	*2022*	21
0.44	Digital Divide Index	*DDI Score*	15.0		40.1	50.0	*2022*	21
0.44	Severe Housing Problems	*percent*	9.5		12.7		*2017-2021*	10

SCORE	HEALTH CARE ACCESS & QUALITY	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.35	Primary Care Provider Rate	*providers/ 100,000 population*	41.4		75.3	74.9	*2021*	10
2.21	Preventable Hospital Stays: Medicare Population	*discharges/ 100,000 Medicare enrollees*	3544.0		3269.0	2769.0	*2023*	7
1.35	Health Insurance Spending-to-Income Ratio	*percent*	6.5		6.6	5.9	*2025*	9

1.32	Non-Physician Primary Care Provider Rate	*providers/ 100,000 population*	93.2		148.7		*2024*	10
1.29	Adults with Health Insurance: 18+	*percent*	76.9		74.7	75.2	*2024*	8
1.12	Dentist Rate	*dentists/ 100,000 population*	67.3		65.2	73.5	*2022*	10
1.06	Adults who have had a Routine Checkup	*percent*	79.1			76.1	*2022*	5
0.97	Adults who go to the Doctor Regularly for Checkups	*percent*	67.8		65.2	65.1	*2024*	8
0.97	Adults With Group Health Insurance	*percent*	39.5		37.4	39.8	*2024*	8
0.94	Adults who Visited a Dentist	*percent*	47.5		44.3	45.3	*2024*	8
0.91	Adults with Health Insurance	*percent*	93.8		91.6	89.0	*2023*	1
0.91	Children with Health Insurance	*percent*	97.8		95.1	94.6	*2023*	1
0.82	Persons without Health Insurance	*percent*	4.1		6.1	7.9	*2023*	1
0.79	Adults With Individual Health Insurance	*percent*	22.0		20.5	20.2	*2024*	8
0.74	Persons with Health Insurance	*percent*	93.8	92.4	92.9		*2022*	24
0.71	Adults without Health Insurance	*percent*	4.7			10.8	*2022*	5
0.62	Mental Health Provider Rate	*providers/ 100,000 population*	316.0		349.4		*2024*	10

SCORE	HEART DISEASE & STROKE	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.21	Hyperlipidemia: Medicare Population	*percent*	70.0		67.0	66.0	*2023*	7

1.94	Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)	*deaths/ 100,000 population*	43.9	33.4	46.0		*2020-2022*	19
1.85	Stroke: Medicare Population	*percent*	6.0		5.0	6.0	*2023*	7
1.76	Adults who Experienced Coronary Heart Disease	*percent*	8.7			6.8	*2022*	5
1.68	Ischemic Heart Disease: Medicare Population	*percent*	23.0		22.0	21.0	*2023*	7
1.59	High Blood Pressure Prevalence	*percent*	36.2	41.9		32.7	*2021*	5
1.41	Adults who Experienced a Stroke	*percent*	3.9			3.6	*2022*	5
1.41	Adults who Have Taken Medications for High Blood Pressure	*percent*	80.2			78.2	*2021*	5
1.35	Age-Adjusted Death Rate due to Coronary Heart Disease	*deaths/ 100,000 population*	108.6	71.1	101.6		*2020-2022*	19
1.32	Atrial Fibrillation: Medicare Population	*percent*	15.0		15.0	14.0	*2023*	7
1.32	Heart Failure: Medicare Population	*percent*	12.0		12.0	11.0	*2023*	7
1.24	High Cholesterol Prevalence	*percent*	35.1			35.5	*2021*	5
1.15	Hypertension: Medicare Population	*percent*	67.0		67.0	65.0	*2023*	7
0.88	Cholesterol Test History	*percent*	86.9			86.4	*2021*	5
0.71	Age-Adjusted Death Rate due to Heart Attack	*deaths/ 100,000 population 35+ years*	43.9		60.9		*2021*	14

SCORE	IMMUNIZATIONS & INFECTIOUS DISEASES	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.74	Cervical Cancer Incidence Rate	*cases/ 100,000 females*	10.6		7.8	7.5	*2017-2021*	12

1.50	Syphilis Incidence Rate	*cases/ 100,000 population*	6.9		16.4	15.8	*2023*	16
1.47	Salmonella Infection Incidence Rate	*cases/ 100,000 population*	13.4	11.5	13.8		*2023*	16
1.00	Age-Adjusted Death Rate due to Influenza and Pneumonia	*deaths/ 100,000 population*	10.9		12.3		*2020-2022*	19
0.97	Pneumonia Vaccinations: Medicare Population	*percent*	9.0		9.0	9.0	*2023*	7
0.91	Gonorrhea Incidence Rate	*cases/ 100,000 population*	55.2		168.8	179.5	*2023*	16
0.79	Adults who Agree Vaccine Benefits Outweigh Possible Risks	*Percent*	62.8		59.8	60.4	*2024*	8
0.76	Overcrowded Households	*percent*	1.2		1.4	3.4	*2019-2023*	2
0.62	Flu Vaccinations: Medicare Population	*percent*	51.0		50.0	3.0	*2023*	7
0.56	Tuberculosis Incidence Rate	*cases/ 100,000 population*	0.0	1.4	1.6	2.9	*2023*	16
0.44	Chlamydia Incidence Rate	*cases/ 100,000 population*	204.4		464.2	492.2	*2023*	16

SCORE	MATERNAL, FETAL & INFANT HEALTH	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.65	Preterm Births	*percent*	10.6	9.4	10.8		*2022*	17
1.26	Mothers who Received Early Prenatal Care	*percent*	70.2		68.6	75.3	*2022*	17
1.09	Mothers who Smoked During Pregnancy	*percent*	5.8	4.3	7.9	3.7	*2022*	17
1.03	Babies with Low Birthweight	*percent*	7.6		8.7	8.6	*2022*	17
1.00	Babies with Very Low Birthweight	*percent*	1.0		1.5		*2022*	17
0.88	Infant Mortality Rate	*deaths/ 1,000 live births*	4.0	5.0	6.7	5.4	*2020*	17

0.56	Teen Birth Rate: 15-17	*live births/ 1,000 females aged 15-17*	1.2		6.1	5.6	*2022*	17

SCORE	MENTAL HEALTH & MENTAL DISORDERS	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.00	Age-Adjusted Death Rate due to Suicide	*deaths/ 100,000 population*	16.8	12.8	14.5		*2020-2022*	19
1.74	Poor Mental Health: Average Number of Days	*days*	6.1		6.1		*2022*	10
1.59	Adults Ever Diagnosed with Depression	*percent*	24.7			20.7	*2022*	5
1.59	Poor Mental Health: 14+ Days	*percent*	17.7			15.8	*2022*	5
1.32	Depression: Medicare Population	*percent*	17.0		18.0	17.0	*2023*	7
1.12	Age-Adjusted Death Rate due to Alzheimer's Disease	*deaths/ 100,000 population*	26.4		33.8		*2020-2022*	19
0.94	Self-Reported General Health Assessment: Good or Better	*percent*	86.5		85.4	86.0	*2024*	8
0.79	Adults who Feel Life is Slipping Out of Control	*Percent*	22.7		24.1	23.9	*2024*	8
0.62	Alzheimer's Disease or Dementia: Medicare Population	*percent*	5.0		6.0	6.0	*2023*	7
0.62	Mental Health Provider Rate	*providers/ 100,000 population*	316.0		349.4		*2024*	10

SCORE	NUTRITION & HEALTHY EATING	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.85	Adults who Frequently Cook Meals at Home	*Percent*	67.7		67.6	67.7	*2024*	8

1.41	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	*Percent*	37.6		38.1	38.2	*2024*	8
1.21	Food Environment Index		7.9		7.0		*2025*	10
0.79	Adults who Drank Soft Drinks: Past 7 Days	*percent*	45.7		48.6	47.5	*2024*	8

SCORE	OLDER ADULTS	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.82	People 65+ Living Alone	*percent*	30.9		30.2	26.5	*2019-2023*	2
2.47	Age-Adjusted Death Rate due to Falls	*deaths/ 100,000 population*	21.1		12.1		*2020-2022*	19
2.38	Osteoporosis: Medicare Population	*percent*	13.0		11.0	12.0	*2023*	7
2.38	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	*percent*	40.0		39.0	36.0	*2023*	7
2.21	Hyperlipidemia: Medicare Population	*percent*	70.0		67.0	66.0	*2023*	7
2.12	Prostate Cancer Incidence Rate	*cases/ 100,000 males*	114.2		118.1	113.2	*2017-2021*	12
1.94	People 65+ Living Alone (Count)	*people*	15103				*2019-2023*	2
1.94	People 65+ Living Below Poverty Level (Count)	*people*	3438				*2019-2023*	2
1.85	Stroke: Medicare Population	*percent*	6.0		5.0	6.0	*2023*	7
1.68	Ischemic Heart Disease: Medicare Population	*percent*	23.0		22.0	21.0	*2023*	7
1.50	Asthma: Medicare Population	*percent*	7.0		7.0	7.0	*2023*	7
1.50	Cancer: Medicare Population	*percent*	12.0		12.0	12.0	*2023*	7
1.32	Atrial Fibrillation: Medicare Population	*percent*	15.0		15.0	14.0	*2023*	7

1.32	Depression: Medicare Population	*percent*	17.0	18.0	17.0	*2023*	7
1.32	Heart Failure: Medicare Population	*percent*	12.0	12.0	11.0	*2023*	7
1.15	COPD: Medicare Population	*percent*	12.0	13.0	11.0	*2023*	7
1.15	Hypertension: Medicare Population	*percent*	67.0	67.0	65.0	*2023*	7
1.12	Age-Adjusted Death Rate due to Alzheimer's Disease	*deaths/ 100,000 population*	26.4	33.8		*2020-2022*	19
1.06	Adults 65+ with Total Tooth Loss	*percent*	12.2		12.2	*2022*	5
1.00	Adult Day Care Spending-to-Income Ratio	*percent*	10.2	11.1	11.9	*2025*	9
0.97	Diabetes: Medicare Population	*percent*	24.0	25.0	24.0	*2023*	7
0.97	Mammography Screening: Medicare Population	*percent*	51.0	51.0	39.0	*2023*	7
0.88	People 65+ Living Below Poverty Level	*percent*	7.2	9.5	10.4	*2019-2023*	2
0.79	Chronic Kidney Disease: Medicare Population	*percent*	17.0	19.0	18.0	*2023*	7
0.71	Median Household Income: Householders 65+	*dollars*	54575	51608	57108	*2019-2023*	2
0.62	Alzheimer's Disease or Dementia: Medicare Population	*percent*	5.0	6.0	6.0	*2023*	7

SCORE	ORAL HEALTH	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.32	Oral Cavity and Pharynx Cancer Incidence Rate	*cases/ 100,000 population*	12.3		12.8	12.0	*2017-2021*	12
1.12	Dentist Rate	*dentists/ 100,000 population*	67.3		65.2	73.5	*2022*	10

1.06	Adults 65+ with Total Tooth Loss	*percent*	12.2			12.2	*2022*	5
0.94	Adults who Visited a Dentist	*percent*	47.5		44.3	45.3	*2024*	8

SCORE	OTHER CHRONIC CONDITIONS	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.38	Osteoporosis: Medicare Population	*percent*	13.0		11.0	12.0	*2023*	7
2.38	Rheumatoid Arthritis or Osteoarthritis: Medicare Population	*percent*	40.0		39.0	36.0	*2023*	7
1.94	Adults with Arthritis	*percent*	33.4			26.6	*2022*	5
1.12	Age-Adjusted Death Rate due to Kidney Disease	*deaths/ 100,000 population*	11.0		15.1		*2020-2022*	19
0.79	Chronic Kidney Disease: Medicare Population	*percent*	17.0		19.0	18.0	*2023*	7

SCORE	PHYSICAL ACTIVITY	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.71	Workers who Walk to Work	*percent*	1.1		2.0	2.4	*2019-2023*	2
1.47	Adults 20+ Who Are Obese	*percent*	31.5	36.0			*2021*	6
1.00	Adults 20+ who are Sedentary	*percent*	17.6				*2021*	6
0.88	Access to Exercise Opportunities	*percent*	87.8		84.2		*2025*	10
0.71	Access to Parks	*percent*	70.6		59.6		*2020*	14

SCORE	PREVENTION & SAFETY	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.47	Age-Adjusted Death Rate due to Falls	*deaths/ 100,000 population*	21.1		12.1		*2020-2022*	19

1.76	Death Rate due to Injuries	*deaths/ 100,000 population*	102.2		100.7		*2018-2022*	10
1.24	Death Rate due to Drug Poisoning	*deaths/ 100,000 population*	38.2	20.7	44.7		*2020-2022*	10
1.15	Age-Adjusted Death Rate due to Unintentional Poisonings	*deaths/ 100,000 population*	40.1		46.5		*2020-2022*	19
0.85	Age-Adjusted Death Rate due to Firearms	*deaths/ 100,000 population*	7.7	10.7	13.5	12.0	*2018-2020*	6
0.71	Death Rate due to Motor Vehicle Collisions	*deaths/ 100,000 population*	6.9		11.1		*2016-2022*	10
0.44	Severe Housing Problems	*percent*	9.5		12.7		*2017-2021*	10

SCORE	RESPIRATORY DISEASES	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.94	Proximity to Highways	*percent*	6.6		7.2		*2020*	14
1.76	Adults with COPD	*Percent of adults*	9.5			6.8	*2022*	5
1.76	Adults with Current Asthma	*percent*	10.9			9.9	*2022*	5
1.53	Lung and Bronchus Cancer Incidence Rate	*cases/ 100,000 population*	63.8		64.3	53.1	*2017-2021*	12
1.50	Asthma: Medicare Population	*percent*	7.0		7.0	7.0	*2023*	7
1.41	Adults who Smoke	*percent*	16.6	6.1		12.9	*2022*	5
1.15	COPD: Medicare Population	*percent*	12.0		13.0	11.0	*2023*	7
1.00	Age-Adjusted Death Rate due to Influenza and Pneumonia	*deaths/ 100,000 population*	10.9		12.3		*2020-2022*	19
0.88	Age-Adjusted Death Rate due to Lung Cancer	*deaths/ 100,000 population*	37.4	25.1	39.8	32.4	*2018-2022*	12
0.56	Tuberculosis Incidence Rate	*cases/ 100,000 population*	0.0	1.4	1.6	2.9	*2023*	16

0.53	Age-Adjusted Death Rate due to Chronic Lower Respiratory Diseases	*deaths/ 100,000 population*	32.2		42.8		*2020-2022*	19
0.44	Adults Who Used Electronic Cigarettes: Past 30 Days	*percent*	6.1		6.9	6.8	*2024*	8
0.29	Adults Who Used Smokeless Tobacco: Past 30 Days	*percent*	1.3		1.7	1.6	*2024*	8

SCORE	SEXUALLY TRANSMITTED INFECTIONS	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.50	Syphilis Incidence Rate	*cases/ 100,000 population*	6.9		16.4	15.8	*2023*	16
0.91	Gonorrhea Incidence Rate	*cases/ 100,000 population*	55.2		168.8	179.5	*2023*	16
0.44	Chlamydia Incidence Rate	*cases/ 100,000 population*	204.4		464.2	492.2	*2023*	16

SCORE	TOBACCO USE	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.53	Lung and Bronchus Cancer Incidence Rate	*cases/ 100,000 population*	63.8		64.3	53.1	*2017-2021*	12
1.41	Adults who Smoke	*percent*	16.6	6.1		12.9	*2022*	5
1.41	Tobacco Use: Medicare Population	*percent*	7.0		7.0	6.0	*2023*	7
1.00	Cigarette Spending-to-Income Ratio	*percent*	2.0		2.1	1.9	*2025*	9
0.44	Adults Who Used Electronic Cigarettes: Past 30 Days	*percent*	6.1		6.9	6.8	*2024*	8
0.29	Adults Who Used Smokeless Tobacco: Past 30 Days	*percent*	1.3		1.7	1.6	*2024*	8

SCORE	WEIGHT STATUS	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source

1.59	Obesity: Medicare Population	*percent*	24.0		25.0	20.0	*2023*	7
1.47	Adults 20+ Who Are Obese	*percent*	31.5	36.0			*2021*	6
1.32	Adults Happy with Weight	*Percent*	42.4		42.1	42.6	*2024*	8

SCORE	WELLNESS & LIFESTYLE	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
1.85	Adults who Frequently Cook Meals at Home	*Percent*	67.7		67.6	67.7	*2024*	8
1.76	Insufficient Sleep	*percent*	38.9	26.7		36.0	*2022*	5
1.59	High Blood Pressure Prevalence	*percent*	36.2	41.9		32.7	*2021*	5
1.59	Poor Physical Health: 14+ Days	*percent*	14.1			12.7	*2022*	5
1.41	Adults Who Frequently Used Quick Service Restaurants: Past 30 Days	*Percent*	37.6		38.1	38.2	*2024*	8
1.32	Adults Happy with Weight	*Percent*	42.4		42.1	42.6	*2024*	8
1.24	Self-Reported General Health Assessment: Poor or Fair	*percent*	18.1			17.9	*2022*	5
1.21	Poor Physical Health: Average Number of Days	*days*	4.1		4.3		*2022*	10
1.06	Life Expectancy	*years*	77.0		75.2		*2020-2022*	10
0.94	Self-Reported General Health Assessment: Good or Better	*percent*	86.5		85.4	86.0	*2024*	8
0.79	Adults who Agree Vaccine Benefits Outweigh Possible Risks	*Percent*	62.8		59.8	60.4	*2024*	8
0.79	Adults who Feel Life is Slipping Out of Control	*Percent*	22.7		24.1	23.9	*2024*	8

SCORE	WOMEN'S HEALTH	UNITS	LAKE COUNTY	HP2030	OH	U.S.	MEASUREMENT PERIOD	Source
2.74	Cervical Cancer Incidence Rate	*cases/ 100,000 females*	10.6		7.8	7.5	*2017-2021*	12
2.35	Breast Cancer Incidence Rate	*cases/ 100,000 females*	141.9		132.3	129.8	*2017-2021*	12
0.97	Mammography Screening: Medicare Population	*percent*	51.0		51.0	39.0	*2023*	7
0.88	Cervical Cancer Screening: 21-65	*Percent*	82.8			82.8	*2020*	5
0.88	Mammogram in Past 2 Years: 50-74	*percent*	78.2	80.3		76.5	*2022*	5
0.71	Age-Adjusted Death Rate due to Breast Cancer	*deaths/ 100,000 females*	18.2	15.3	20.2	19.3	*2018-2022*	12

Additional Demographic Data

The following tables detail the demographic, social, and economic characteristics of the Hillcrest Hospital Community described in the body of this CHNA report. All data are sourced from Claritas Pop-Facts® (2024 population estimates), unless otherwise noted.

Table 23: Population Size of Hospital Community by Zip Code

Zip Code	Population
44022	17,009
44023	19,380
44024	23,625
44026	10,783
44040	2,857
44045	410
44060	59,837
44077	58,771
44092	16,709
44094	37,700
44095	32,163
44118	39,323
44121	31,296
44122	36,554
44123	17,271
44124	39,419
44132	14,346
44139	24,698
44143	24,149
44146	29,305
Hillcrest Hospital Community (Total)	535,605

Table 24: Age Profile of Hospital Community and Surrounding Geographies

Age Category	Hillcrest Hospital Community	Ohio
0-4	4.9%	5.6%
5-9	5.1%	5.7%
10-14	5.6%	6.1%
15-17	3.6%	3.8%
18-20	3.9%	4.4%
21-24	4.8%	5.3%
25-34	11.2%	12.4%
35-44	11.7%	12.2%
45-54	11.5%	11.7%
55-64	14.0%	13.0%
65-74	13.3%	11.6%
75-84	7.4%	6.1%
85+	3.1%	2.2%
Median Age	44.5 years	40.5 years

Table 25: Racial/Ethnic Profile of Hospital Community and Surrounding Geographies

	Hillcrest Hospital Community	Ohio	U.S.
White	68.2%	75.7%	63.4%
Black/African American	21.0%	12.8%	12.4%
American Indian/Alaskan Native	0.2%	0.3%	0.9%
Asian	3.2%	2.7%	5.8%
Native Hawaiian/Pacific Islander	0.0%	0.1%	0.2%
Another Race	1.8%	2.1%	6.6%
Two or More Races	5.6%	6.4%	10.7%
Hispanic or Latino (any race)	4.1%	5.0%	19.0%

U.S. value: American Community Survey (2019-2023)

Table 26: Population Age 5+ by Language Spoken at Home for Hospital Community and Surrounding Geographies

	Hillcrest Hospital Community	Ohio	U.S.
Only English	90.8%	92.8%	78.0%
Spanish	2.6%	2.3%	13.4%
Asian/Pacific Islander Language	1.2%	1.0%	3.5%
Indo-European Language	4.6%	2.8%	3.8%
Other Language	0.8%	1.1%	1.2%

U.S. value: American Community Survey (2019-2023)

Table 27: Household Income of Hospital Community and Surrounding Geographies

Income Category	Hillcrest Hospital Community	Ohio
Under $15,000	7.3%	9.5%
$15,000 - $24,999	6.3%	7.8%
$25,000 - $34,999	6.7%	8.0%
$35,000 - $49,999	11.6%	12.2%
$50,000 - $74,999	15.9%	17.0%
$75,000 - $99,999	13.1%	13.0%
$100,000 - $124,999	10.5%	9.9%
$125,000 - $149,999	7.7%	7.0%
$150,000 - $199,999	8.6%	7.2%
$200,000 - $249,999	4.5%	3.5%
$250,000 - $499,999	5.0%	3.4%
$500,000+	2.8%	1.6%
Median Household Income	$82,380	$68,488

Table 28: Poverty Rates in Hospital Community and Surrounding Geographies

	Families Below Poverty
Hillcrest Hospital Community	5.7%
Ohio	9.4%
U.S.	8.8%
Hillcrest Hospital Zip Codes	-
44022	2.7%
44023	1.9%
44024	2.7%
44026	3.1%
44040	3.4%
44045	4.9%
44060	3.8%
44077	5.1%
44092	4.1%
44094	3.2%
44095	3.3%
44118	9.6%
44121	12.0%
44122	6.1%
44123	15.4%
44124	3.5%
44132	20.6%
44139	3.2%
44143	4.1%
44146	8.3%

U.S. value: American Community Survey (2019-2023)

Table 29: Educational Attainment of Hospital Community and Surrounding Geographies

	Hillcrest Hospital Community	Ohio	U.S.
Less than High School Graduate	5.3%	8.6%	10.6%
High School Graduate	25.1%	32.8%	26.2%
Some College, No Degree	20.0%	19.6%	19.4%
Associate Degree	8.8%	8.9%	8.8%
Bachelor's Degree	23.3%	18.6%	21.3%
Master's, Doctorate, or Professional Degree	17.6%	11.5%	13.7%

U.S. value: American Community Survey (2019-2023)

Table 30: High Rent Burden in Hospital Community and Surrounding Geographies

	Renters Spending 30% or More of Income on Rent
Cuyahoga County	47.5%
Geauga County	41.0%
Lake County	46.0%
Ohio	45.1%
U.S.	50.4%
Hillcrest Hospital Zip Codes	.
44022	56.2%
44023	55.5%
44024	37.2%
44026	26.8%
44040	19.2%
44045	33.3%
44060	39.1%
44077	48.7%
44092	41.7%
44094	48.5%
44095	51.4%
44118	54.8%
44121	41.4%
44122	42.2%
44123	45.7%
44124	41.9%
44132	54.4%
44139	48.7%
44143	47.3%
44146	51.6%

All values: American Community Survey (2019-2023)

Table 31: Internet Access in Hospital Community and Surrounding Geographies

	Households with Internet
Cuyahoga County	87.5%
Geauga County	87.2%
Lake County	91.9%
Ohio	89.0%
U.S.	89.9%
Hillcrest Hospital Zip Codes	.
44022	97.9%
44023	94.0%
44024	90.4%
44026	90.5%
44040	97.6%
44045	97.2%
44060	93.6%
44077	91.9%
44092	92.2%
44094	92.1%
44095	89.5%
44118	92.3%
44121	90.6%
44122	92.8%
44123	84.4%
44124	92.2%
44132	84.6%
44139	95.5%
44143	88.9%
44146	87.1%

All values: American Community Survey (2019-2023)

Appendix C: Environmental Scan and Key Findings

An environmental scan was conducted to supplement quantitative data and further contextualize local health needs. This scan involved a review of recent community health assessments, needs reports, and partner studies across healthcare, public health, and social service sectors. Findings from local efforts, including reports from the United Way, hospital systems, and regional health collaboratives, corroborated the relevance of the five prioritized needs in this 2025 CHNA process for Hillcrest Hospital.

Across communities, consistent themes emerged: cost barriers and provider shortages limit healthcare access; behavioral health treatment gaps remain significant; chronic disease management is challenged by food insecurity and inadequate recreational infrastructure; differences in maternal and child health outcomes persist among some communities; and health-related social factors such as poverty, housing insecurity, and gun violence, impact all other areas of health.

The following reports were reviewed. The full reports can be accessed via the hyperlinks in the footnotes:

- 2023 Ohio State Health Assessment[18]
- 2023 City of Cleveland Parks and Recreation Community Needs Assessment[19]
- 2024 Cuyahoga County ADAMHS Board Needs Assessment[20]
- 2023 Cuyahoga County Planning Commission Data Book[21]
- 2022 Greater Cleveland LGBTQ+ Community Needs Assessment[22]
- Joint 2022 Cuyahoga County CHNA (Collaborating Organizations: University Hospital, Cuyahoga County Board of Health, and the City of Cleveland Department of Health)[23]
- 2022 Lake County Community Health Needs Assessment[24]
- 2022 Geauga County Community Health Assessment[25]
- 2023 Livable Cuyahoga Needs Assessment[26]

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Appendix D: Community Input Assessment Tools and Key Findings

Community Stakeholder Facilitation Guide

WELCOME: Cleveland Clinic is in the process of conducting our 2025 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 in [XXXX] County. During this interview, we will ask a series of questions related to health issues in your community. Our goal is to gain various perspectives on the major issues affecting the population that your organization 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 accessible 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 Questions and Probes

- **From your perspective, what does a community need to be healthy?**
    - What are your community's strengths?

- **What are the top health-related issues that residents are facing in your community that you would change or improve?**
    - What makes them the most important health issues?

- What do you think is the cause of these problems in your community?

- **From the health issues and challenges we've just discussed, which do you think are the most difficult to overcome?**
    - Which of these issues are more urgent or important than others?
    - Which groups in your community face particular health issues or challenges?
    - What health challenges are different if the person is a particular age, or gender, race, or ethnicity?

- **What do you think causes residents to be healthy or unhealthy in your community?**
    - What types of things influence their health, to make it better or worse?
    - What might prevent someone from accessing care for these health challenges? Examples could include lack of transportation, lack of health insurance coverage, doctor's office hours, language, or cultural barriers, etc.

- **What could be done to promote equal access to care and reduction of barriers? (Equal Access is the idea that everyone should have the same chance to be healthy, regardless of their circumstances)**

- **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?
    - What specific community organizations or agencies can you see taking a strong leadership role in improving the health of your community?
    - What resources does your community have that can be used to improve community health?

- **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 community health changes have you seen over the past three years (since 2022)?**

- **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.

Community Input Key Findings

Community stakeholders from a total of 17 organizations provided feedback specifically for the Hillcrest Hospital community. Interviews with each stakeholder varied by individual and the amount of feedback they provided. They generally ranged from thirty to sixty minutes. A full write up of qualitative data findings and the community stakeholder facilitation guide can be found in Appendix D.

Individuals from the following organizations participated as key informants for the Hillcrest Hospital community:

- ADAMHS Board of Cuyahoga County
- ASIA (Asian Services In Action)
- Benjamin Rose Institute on Aging
- Boys and Girls Clubs of Northeast Ohio
- City of Cleveland Department of Public Health
- City of Cleveland, Division of Fire
- City of Mayfield Heights
- Cleveland Clinic Children's
- Community Partnership on Aging
- Cuyahoga County Board of Health
- Cuyahoga Metropolitan Housing Authority
- Esperanza
- First Year Cleveland
- Greater Cleveland Food Bank
- Lead Safe Cleveland Coalition
- LGBTQ+ Assessment Greater Cleveland / Cleveland Clinic
- NAMI Greater Cleveland

The following are summary findings for each of the five prioritized health needs identified in the 2025 Community Health Needs Assessment.

Access to Healthcare

Stakeholder interviews conducted for the Hillcrest Hospital 2025 CHNA revealed persistent challenges in ensuring equal access to care across the community. Participants described a range of barriers that limit residents' ability to obtain timely, affordable, and appropriate services, issues that were especially pronounced for low-income households, older adults, and other communities. Transportation limitations, high out of pocket costs, and the lack of culturally and linguistically responsive care emerged as recurring concerns.

Even with health insurance, many residents struggle to navigate a complex healthcare system or to afford essential medications, follow up appointments, and specialty care. Stakeholders emphasized that these barriers not only delay treatment but also

contribute to worsening health outcomes and increased reliance on emergency departments. Several participants underscored the need for more integrated or co-located service models that bring medical, behavioral, and social supports together in one setting. Others stressed the importance of fostering long-term, trusting relationships between patients and providers, particularly for populations that have historically experienced differences in healthcare access and health outcomes.

The following are highlights of participant feedback regarding access to healthcare:

- Transportation limitations: Stakeholders cited lack of reliable transportation or complex transit routes as a major barrier, particularly for individuals in outlying neighborhoods or those with disabilities.
- Affordability despite insurance coverage: Even with Medicaid or other forms of insurance, many community members still struggle to afford co-pays, prescriptions, and follow-up visits.
- Limited access to culturally responsive care: There is a need for providers who reflect the cultural and linguistic diversity of the community and who understand the lived experiences of the populations they serve.
- Desire for integrated, wraparound services: Participants expressed a strong interest in models of care that address physical health, behavioral health, housing, nutrition, and other social needs in one setting.
- Continuity and trust in care providers: Building long-term, trusting relationships with care providers was seen as essential for encouraging regular engagement with the healthcare system.

The following are a few select quotes illustrating feedback about healthcare access by key informants:

"Transportation is a huge challenge. Even if there's care available, people can't always get there."

"Even with insurance, families are still deciding between paying for their prescriptions or putting food on the table."

"We need to stop assuming that one-size-fits-all. Communities need care that respects their culture, language, and experience."

"Trust is everything. If someone doesn't feel seen or heard by their provider, they won't come back."

Community input reaffirmed that access to quality, affordable healthcare is a pressing and multifaceted issue for the Hillcrest Hospital community. Residents face compounding barriers, including cost, distance, limited provider availability, and lack of culturally informed services, which affect their ability to engage in preventive care and manage chronic conditions. For certain communities, the absence of trust and continuity further exacerbates health differences. These insights highlight the need for patient-centered strategies that integrate health and social services, prioritize cultural responsiveness, and remove logistical and financial barriers to care.

Behavioral Health: Mental Health and Substance Use Disorder

Stakeholder feedback revealed that behavioral health, encompassing both mental health and substance use disorder, remains a deeply entrenched concern in the Hillcrest Hospital community, affecting residents of all ages. Participants noted that these challenges have been magnified in recent years by the prolonged effects of the COVID-19 pandemic, coupled with social isolation, trauma, and ongoing economic pressures. Mental health and substance use issues were frequently linked to broader community conditions such as housing instability, poverty, and insufficient social supports, which can both trigger and exacerbate behavioral health needs. Access to care is hindered by persistent provider shortages, pervasive stigma, and the limited availability of culturally responsive services, leaving many individuals without timely, adequate, or appropriate treatment.

The following are highlights of participant feedback regarding behavioral health:

- Increased mental health needs post-pandemic: Anxiety, depression, and trauma-related concerns have become more prevalent across all age groups, especially among youth and older adults.
- Persistent provider shortages: Stakeholders highlighted long wait times and a lack of behavioral health professionals as major access issues.
- Substance misuse, particularly opioids and fentanyl, is a growing crisis: There is an urgent need for expanded prevention, treatment, and harm reduction efforts.
- Limited culturally aware behavioral health services: Language barriers and lack of culturally sensitive care discourage engagement in mental health or addiction services.
- Stigma continues to be a barrier: Fear of judgment prevents individuals from seeking help for both mental health and substance use.
- Need for school-based and community-centered supports: Participants emphasized the value of meeting individuals where they are, particularly through trusted local institutions.

The following are a few select quotes illustrating feedback about behavioral health by key informants:

"We're seeing a significant increase in mental health issues, especially among kids and teens, but the resources just aren't there to keep up."

"There are very few places where people can go that feel safe, judgment-free, and actually accessible."

"Substance use is still rampant, and fentanyl has made it so much more deadly. We need to expand our harm reduction and recovery supports."

"Mental health and substance use have to be addressed together. You can't treat one without the other."

Stakeholders reinforced that behavioral health is a foundational component of overall health and community wellbeing. The need for expanded, integrated, and culturally appropriate services was a recurring theme across interviews. From mental health therapy to substance use recovery, participants described a system that remains fragmented, under-resourced, and difficult to navigate. To meet the growing demand and reduce stigma, respondents called for accessible, community-based solutions that support early intervention, long-term engagement, and wraparound care. Addressing behavioral health more holistically will be essential to improving outcomes for individuals and families across the Hillcrest Hospital community.

Chronic Disease Prevention & Management

Stakeholder discussions on chronic disease prevention and management in the Hillcrest Hospital community underscored the complex mix of factors contributing to the onset and progression of conditions such as diabetes, heart disease, and other long term illnesses. Participants cited poor nutrition, limited access to preventive care, and challenges with consistent disease management as key drivers of poor outcomes. Many emphasized that effective prevention and management must be rooted in a holistic, community focused approach, one that combines health education, early screening, and reliable access to ongoing care. Targeted strategies for older adults and under resourced populations were seen as essential, given the heightened barriers these groups face in maintaining wellness and managing chronic conditions over time.

Nutrition & Healthy Eating and Wellness & Lifestyle
The following are highlights of participant feedback regarding nutrition and healthy eating and wellness and lifestyle:

- Residents in lower-income neighborhoods face limited access to affordable, nutritious foods and fresh produce.
- Poor dietary choices are often driven by lack of education, time, or resources rather than lack of interest in healthy eating.
- There is a desire for more community gardens, farmers markets, and culturally appropriate wellness education.
- Stakeholders noted the need for physical activity programs and recreational spaces that are safe, accessible, and affordable.

The following are a few select quotes illustrating feedback about nutrition and healthy eating and wellness and lifestyle by key informants:

"Access to healthy food should not be a privilege. It should be the standard."

"You cannot talk about managing diabetes if someone doesn't even have a grocery store nearby."

Cancer
The following are highlights of participant feedback regarding cancer:

- Preventive screenings are underutilized due to affordability, access barriers, and lack of awareness.
- Community health fairs and screening events were described as valuable but not sufficient for ongoing cancer prevention.
- Differences in cancer outcomes across different groups highlight the need for targeted education and outreach.

The following are a few select quotes illustrating feedback about cancer by key informants:

"People don't think about cancer screenings until it's too late. We have to meet them where they are."

"If you don't have insurance or a regular doctor, something like a mammogram can feel out of reach."

Diabetes, Heart Disease, & Stroke
The following are highlights of participant feedback regarding diabetes, heart disease, stroke, and other chronic conditions:

- Chronic diseases are often detected late, and many are poorly managed due to lack of consistent care and follow-up.
- Stakeholders expressed concern about health literacy and the ability of patients to manage conditions between visits.
- Medication affordability and dietary limitations were identified as barriers to effective disease management.

These findings highlight the urgent need for both prevention and sustained management strategies for chronic diseases, tailored to address social drivers of health, differences in health outcomes, and early detection.

The following are select quotes from key informants about diabetes, heart disease, stroke, and other chronic conditions:

"A lot of people are finding out they have high blood sugar or pressure at community events. That's their first interaction with healthcare."

"You can't manage a chronic condition without consistent care and education."

Older Adult Health
The themes related to the 65 and older population center around access to care, environmental supports, health behaviors, and social factors that directly impact older adults' ability to manage chronic conditions such as diabetes, hypertension, and dementia.

The following are highlights of participant feedback regarding older adult health:

- Older adults are particularly susceptible to chronic disease and face additional challenges like mobility limitations and isolation.
- Many seniors do not have regular access to transportation or a caregiver to support their healthcare needs.
- There is a need for aging-in-place supports and tailored outreach that considers physical, cognitive, and emotional health.

These findings suggest that diagnosing and managing chronic conditions in older adults requires a combination of clinical care, social support, environmental modifications, and stigma reduction, especially around mental and cognitive health.

The following are a selection of quotes illustrating feedback about Older Adult Health by key informants:

"We have seniors who skip appointments because they can't get a ride or don't have anyone to go with them."

"Managing multiple chronic conditions is overwhelming, especially when you're doing it alone."

Stakeholders across the Hillcrest Hospital community emphasized that chronic disease prevention and management requires coordinated, accessible, and community-informed solutions. From nutrition and wellness to cancer screenings and chronic disease care, individuals face numerous barriers that prevent them from achieving better health outcomes. These barriers are particularly pronounced for older adults, individuals with limited income, and those without stable access to primary care. The findings reinforce the need for expanded prevention efforts, integrated care models, and services that address both clinical needs and the social conditions that influence health.

Maternal and Child Health

The following highlights key insights from stakeholder interviews regarding maternal and child health in the community Hillcrest Hospital serves. Participants consistently raised concerns about differences in maternal care, gaps in prenatal and postpartum support, and growing mental health needs among children and adolescents. These issues are shaped by broader systemic and social factors, including access to transportation, behavioral health services, and culturally aware providers. Stakeholders emphasized the importance of coordinated family-centered care that supports both parents and children throughout critical stages of development.

The following are highlights of participant feedback regarding maternal and child health:

Maternal, Fetal & Infant Health

- Access to prenatal care remains inconsistent, especially for uninsured or underinsured individuals.

- Transportation, housing instability, and mental health concerns complicate pregnancy and postpartum health.
- Participants identified a need for wraparound services such as doulas, home visiting programs, and peer supports.
- Postpartum depression and anxiety are underdiagnosed and undertreated due to stigma and limited behavioral health access.

Children's Health

- Behavioral and emotional health challenges among children have grown, especially since the pandemic.
- There is a shortage of pediatric behavioral health providers and long wait times for services.
- Access to school-based supports and early childhood development programs is uneven across the community.
- Nutrition, physical activity, and safe environments were noted as key elements of child wellness.
- Concerns about lead poisoning and its impact on child development were highlighted, along with a need for prevention and education.

These insights underscore an urgent need for community-rooted approaches to maternal and child health that address both clinical care and the social conditions shaping health outcomes.

The following are a selection of quotes illustrating feedback about Maternal and Child Health by key informants:

"We have moms skipping appointments because they can't get childcare or don't have a ride."

"There is still a lot of stigma around postpartum mental health. It makes it harder for women to ask for help."

"Doulas and community health workers are making a huge difference, but we need more of them."

"Kids are struggling emotionally, and schools are overwhelmed. The mental health piece is urgent."

"We need more consistent access to school nurses, counselors, and afterschool programs."

"Families want to do what's best for their children, but they need more support and fewer barriers."

In summary, stakeholders reinforced that maternal and child health is a critical focus area that requires early intervention, consistent care, and community-based support. Addressing the social and structural barriers that affect pregnancy, birth outcomes, and child development is essential to improving equal access to care in the Hillcrest Hospital

community. From mental health services to nutrition and education, families need access to trusted providers and systems that are responsive to their lived realities. Investing in maternal and child health not only improves individual outcomes but also strengthens the long-term wellbeing of the entire community.

Health-Related Social Needs

The following highlights key insights from stakeholder interviews regarding health-related social needs in the community Hillcrest Hospital serves. Participants emphasized that social and economic challenges, including housing instability, transportation barriers, and limited access to education and jobs, are deeply connected to health outcomes. Stakeholders described how these issues limit residents' ability to access healthcare, maintain stable employment, and support healthy lifestyles. Interviewees also pointed to differences in health outcomes that reflect historical and ongoing differences, particularly for low-income communities and communities of color. Addressing these root causes of health requires collaborative, upstream strategies that prioritize long-term community wellbeing.

Prevention & Safety

- Concerns about youth violence and community safety were linked to a lack of structured, safe spaces for children and teens.
- Stakeholders expressed a need for more afterschool programs, mentorship, and prevention-focused community engagement.

Quality of Life (Community, Economy, Education)

- Access to clean, safe neighborhoods and green space was cited as essential for mental health and community pride.
- A sense of connection to the community was described as a protective factor for wellness.

Community Infrastructure and Engagement

- Transportation barriers limit access to healthcare, employment, and education.
- Participants supported infrastructure investments that improve mobility and access for under resourced neighborhoods.

Economic Opportunity and Stability

- Job insecurity, underemployment, and rising housing costs were identified as core stressors affecting families' health.
- Participants called for more job training programs and access to living wage employment.

Education as Foundation for Well-being

- Education was described as a critical determinant of long-term health and opportunity.
- Differences in school quality and access to enrichment activities continue to create gaps in achievement and stability.

The following are a selection of quotes illustrating feedback about health-related social needs:

"If someone has to take two buses to get to a job or a doctor, that is already a barrier to health."

"Families are doing their best, but when rent, food, and gas keep rising, something has to give."

"Our kids need more than academics. They need safe spaces, mentors, and schools that see the whole child."

"People want to feel connected to where they live. That starts with clean neighborhoods and spaces where people feel safe."

Overall, stakeholder feedback makes clear that health-related social needs are a foundational driver of health and wellbeing across the Hillcrest Hospital community. Economic instability, transportation gaps, differences in education, and limited access to safe community spaces all contribute to differences in health outcomes. These challenges are deeply rooted and require coordinated action across sectors, with a focus on equal investment in housing, education, infrastructure, and employment. Community members and leaders alike called for more upstream, systems-level solutions that reflect the lived experiences of those most affected. Addressing these issues is essential to creating healthier, more stable communities.

Appendix E: Impact Evaluation

Actions Taken Since Previous CHNA

Hillcrest Hospital's previous Implementation Strategy Report (ISR) outlined a plan for addressing the following priorities identified in the 2022 CHNA: Access to Healthcare, Behavioral Health, Chronic Disease Prevention and Management, Maternal and Child Health, and Health-related Social Needs.

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

Access to Affordable Healthcare

Actions and Highlighted Impacts:

A. 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 2024, Cleveland Clinic health system provided over $337 million in financial assistance to its communities in Ohio, Florida, and Nevada.

B. Utilizing medically secure online and mobile platforms, Hillcrest Hospital connected patients with Cleveland Clinic providers for telehealth and virtual visits. In 2024, Cleveland Clinic provided 1.1 million virtual visits.

C. Cleveland Clinic 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.

Behavioral Health

Actions and Highlighted Impacts:

A. Through the Opioid Awareness Center, the hospital participated in the Northeast Ohio Hospital Opioid Consortium and Cuyahoga County Opiate Task Force, and community-based classes and presentations. Cleveland Clinic continued to provide preventative education and share evidence-based practices.

B. Similar to CPR training, which helps a person without medical training assist an individual experiencing a heart attack, Cleveland Clinic offered Mental Health First Aid (MHFA) training to all US caregivers. MHFA is an 8-hour virtual training course designed to give members of the public key skills to help someone who is developing a mental health problem or experiencing a mental health crisis.

C. In partnership with Cleveland Clinic Behavioral Health, Hillcrest provided community mental health programming for local community centers with a focus on depression in older adults. Licensed social workers provided community health education programs to senior residents at local community centers.

Chronic Disease Prevention and Management

Actions and Highlighted Impacts:

A. Health education programs were provided on various chronic disease topics in community centers, fitness centers and at local community events. Health information on chronic diseases such as heart failure, stroke prevention, hypertension, *Early Heart Attack Care*, and general wellness guidelines were provided at all community events.

B. Hillcrest Hospital provided stroke awareness education to youth and older adults. Early heart attack care information, hands-only CPR and AED demonstrations were offered at community events.

C. In collaboration with the American Heart Association, infant CPR kits were distributed at the Hillcrest Hospital *Community Baby Shower*.

D. Hillcrest Hospital Cancer Center provided the *Teen Cancer Prevention Program* to Mayfield High School students. Topics included breast and testicular cancer prevention, and health risks associated with vaping.

E. Hillcrest Hospital Cancer Center, in collaboration with Taussig Cancer Center, provided free Mammogram Screening Clinics. .

F. Breast cancer awareness and prevention education seminars were provided to college students.

Maternal and Child Health

Actions and Highlighted Impacts:

A. Cleveland Clinic continued to participate in First Year Cleveland and the Cuyahoga County Infant Mortality Task Forces to gather data, align programs, and coordinate a systemic approach to improving infant mortality. The hospital supported expanded evidence-based health education to expecting mothers and families.

B. Through Cleveland Clinic's Center for Infant and Maternal Health, the hospital continued to provide services for pregnant women to improve their health and support babies reaching their first birthday. Cleveland Clinic's Community Health Workers (CHWs) provided education on safe sleep, diet, nutrition, and screened for social drivers of health. CHWs connected families to resources and reinforced healthcare access. If eligible, mothers received food vouchers.

C. The hospital continued to offer *Centering Pregnancy* group prenatal care model to expecting mothers and increased the number of families who participate in evidence-based home visiting programs.

D. Hillcrest Hospital hosted three *Community Baby Showers*. Education was provided on Breastfeeding, Safe Sleep and Women's Health and Wellness. Mothers and families had the opportunity to receive information on social needs resources such as eligibility for SNAP benefits, housing, furniture and utility assistance and library resources. Cleveland Clinic caregivers provided information on pediatric and women's health. Families also received car seat safety instruction. All families attending received baby essential items and a car seat to ensure infant safety.

E. Hillcrest Hospital childbirth educators and lactation consultants participated in community health events in partnership with several local community organizations to provide education on the importance and benefits of breastfeeding, SAFE Sleep information and programs offered at Hillcrest Hospital such as Childbirth Education programs and Daddy Boot Camp classes.

Health-Related Social Needs

Actions and Highlighted Impacts:

A. Hillcrest Hospital continued a Cleveland Clinic community referral data platform (Unite Us) to coordinate health services and ensure optimal communication among social service providers. The hospital employed a system-wide health-related social needs screening tool for adult patients to identify categories of community support, including alcohol abuse, depression, financial strain, food insecurity, intimate partner violence, and stress. Collaborating hospitals included University Hospitals and Metro Health. Cleveland Clinic Unite Us referrals from January 2023 to July 2025 reflected a gap closure of 41%.

B. Hillcrest Hospital partnered with community-based organizations to host food drives and volunteer at food banks to improve access to healthy foods. The hospital partnered with the Greater Cleveland Food Bank to improve access to healthy foods.

C. Cleveland Clinic supported the Summer Meals Program, which ensures children and teens have access to nutritious meals during the summer when schools no longer provide student meals. We partnered with over 100 local organizations to provide more than 200,000 meals to approximately 10,000 children across Northeast Ohio. This initiative is part of Cleveland Clinic's larger $10.4 million commitment to addressing food insecurity across our communities by helping families access the resources they need to thrive.

D. Hillcrest Hospital engaged students from multiple school districts to experience workforce development and training opportunities for youth K-12 in clinical and non-clinical areas. Cleveland Clinic's Center for Youth and College Education provided youth and college learners with career exploration opportunities in a healthcare environment, offering programming that prepares the next generation of caregivers to join the healthcare workforce.

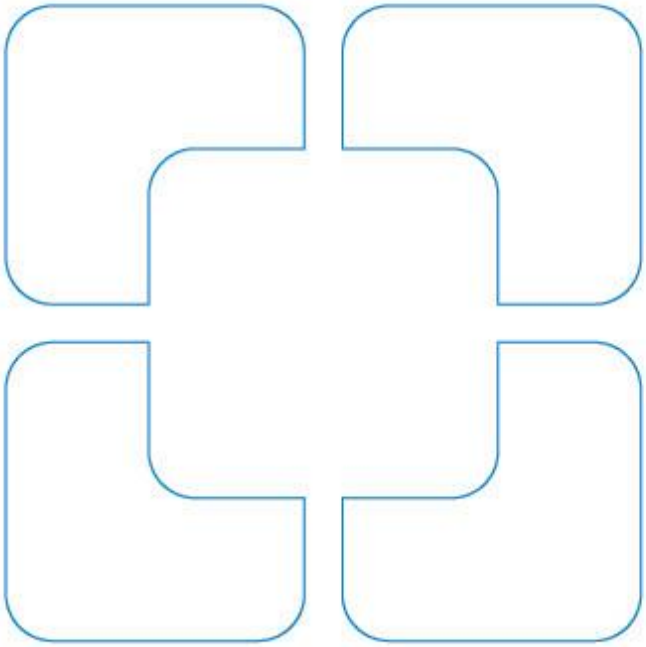
E. Hillcrest Hospital offered clinical experiences to Mayfield High School Medical Technologies senior students who were interested in exploring healthcare careers. In collaboration with Talent Acquisition, the hospital provided a workshop for graduating seniors on interviewing skills, resume writing, and exploring employment opportunities.

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.

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25-CCC-6446158

Cleveland Clinic
Hillcrest Hospital

Implementation Strategy Report

2025

HILLCREST HOSPITAL
2025 Community Health Needs Assessment
Implementation Strategy Report for Years 2026 – 2028

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Hillcrest Hospital Implementation Strategy Report

I. Introduction and Purpose

This written plan is intended to satisfy the requirements set forth in 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 Hillcrest Hospital findings of the Community Health Needs Assessment (CHNA). The Implementation Strategy Report (ISR) includes the priority community health needs identified during the 2025 CHNA for Hillcrest Hospital. This report includes strategies for years 2026 through 2028.

The ISR serves as the foundational framework for each hospital's community health efforts and guides how Cleveland Clinic translates identified community needs into coordinated action. The ISR aligns hospital-level strategies with enterprise-wide community priorities, including food security, maternal and child health, and lead safety, ensuring that local initiatives contribute to broader system goals.

Community engagement is embedded throughout the Community Health Needs Assessment process, from the data collection and prioritization of needs to the design, implementation, and evaluation of strategies, so that community voice meaningfully informs decision-making at every stage. Cleveland Clinic recognizes that healthy communities are achieved through collective action and that sustained improvements require strong partnerships among hospitals, public health agencies, community-based organizations, and community members. These strategies reflect a shared commitment to collaborative, cross-sector approaches, recognizing that no single organization can address complex community health challenges alone.

A. Description of Hospital

Hillcrest Hospital, a member of the Cleveland Clinic health system, is a 474 bed[27] acute care hospital in Mayfield, Ohio. For more than five decades, the hospital has been at the forefront of healthcare innovation in Greater Cleveland, introducing pioneering services such as preadmission testing, same day surgery, and specialized neonatal care. Hillcrest offers a comprehensive continuum of care, including advanced emergency services, surgical care, and extensive outpatient programs. Notable specialty areas include the Hirsch Cancer Center, the Lozick Cancer Pavilion, the Helen and Ronald Ross Community and Education Center, and a Level III Neonatal Intensive Care Unit.

As part of the broader Cleveland Clinic health system, Hillcrest Hospital upholds the tripartite mission of caring for life, researching for health, educating those who serve. Cleveland Clinic is a nonprofit, multispecialty academic medical center that integrates

[27] For the purpose of this report and consistent methodology, the Cleveland Clinic MD&A (Q3 2025) 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.

hospital-based services with innovative research and the training of future healthcare professionals. Currently, with more than 83,000 caregivers, 23 hospitals, and 280 outpatient facilities around the world, Cleveland Clinic is recognized as one of the world's leading healthcare systems. Its collaborative, patient-centered model of care promotes improved outcomes and enhances quality of life for patients both locally and internationally.

The Cleveland Clinic health system includes its flagship academic medical center in Cleveland, regional hospitals in Northeast Ohio, a children's rehabilitation hospital, and additional hospitals and facilities in Florida and Nevada. Each hospital, including Hillcrest, contributes to the system-wide advancement of clinical research and medical innovation. Patients at Hillcrest Hospital benefit from access to novel treatments, clinical trials, and evidence-based practices developed and shared across the Cleveland Clinic network.

Hillcrest Hospital also plays a vital role within its immediate neighborhood, advancing the Cleveland Clinic's mission of improving community health. The hospital actively supports programs, partnerships, and services that address local health needs and promote equal access to care. It has received national recognition for excellence in patient safety and care quality, and remains committed to treating every patient with kindness, dignity, and respect.

Cleveland Clinic's legacy as a pioneering institution began in 1921 as a multispecialty group practice, and it continues to lead through medical firsts, global expansion, and a commitment to community health. Today, Hillcrest Hospital exemplifies this vision by delivering high-quality care, supporting health-focused research, and fostering community partnerships that help address both medical and social drivers of health.

Hillcrest Hospital is a trusted part of the community and continues to grow and improve to meet the needs of its patients. To learn more, visit: https://my.clevelandclinic.org/locations/hillcrest-hospital.

II. Hillcrest Hospital Community Definition

The community definition describes the zip codes where approximately 75% of Hillcrest Hospital Emergency Department discharges originated in 2023. Figure 1 shows the specific geography for the Hillcrest Hospital community that served as a guide for data collection and analysis for this CHNA. Table 1 lists zip codes and associated municipalities that comprise the community definition.

Figure 1: Hillcrest Hospital Community Definition

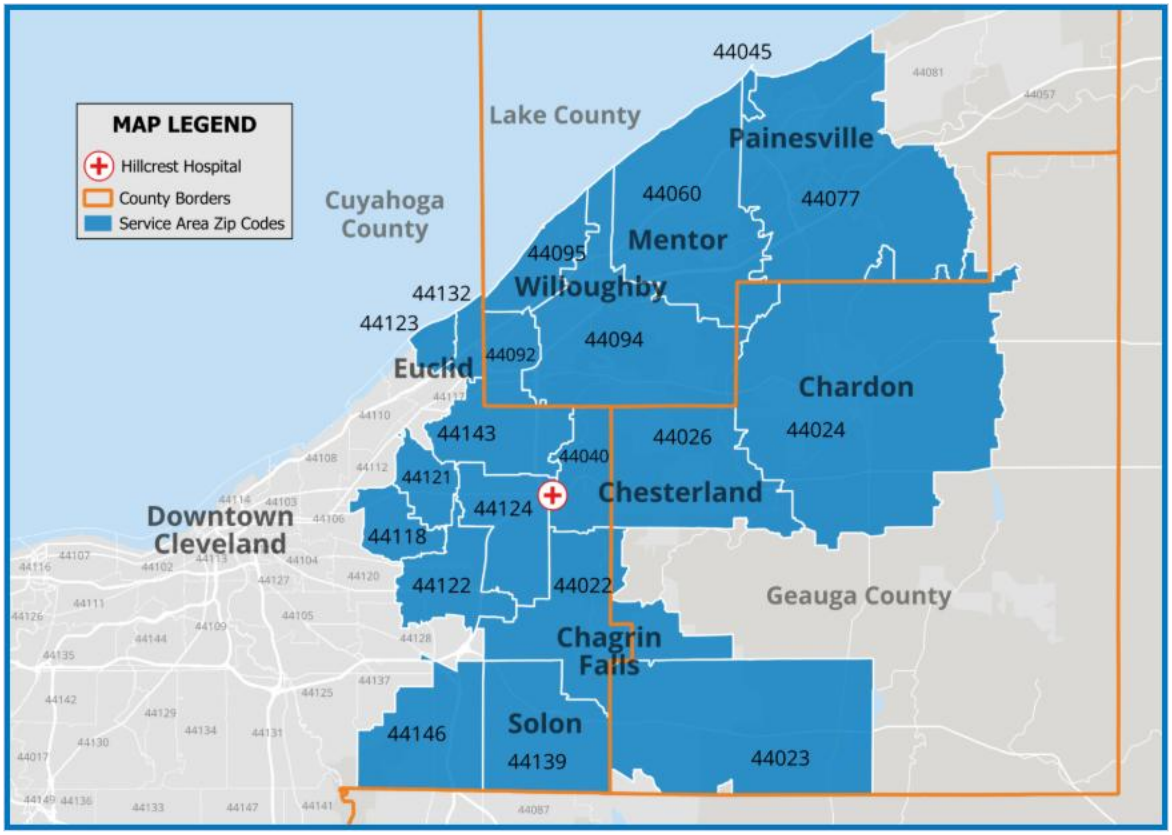


Table 1: Hillcrest Hospital Community Definition

Zip Code	Postal Name	Zip Code	Postal Name
44022	Chagrin Falls	44095	Eastlake
44023	Chagrin Falls	44118	Cleveland
44024	Chardon	44121	Cleveland
44026	Chesterland	44122	Cleveland
44040	Gates Mills	44123	Beachwood
44045	Grand River	44124	Cleveland
44060	Mentor	44132	Euclid
44077	Painesville	44139	Solon
44092	Wickliffe	44143	Cleveland
44094	Willoughby	44146	Bedford

III. How Implementation Strategy was Developed

This Implementation Strategy was developed by members of leadership at Hillcrest Hospital representing several departments of the organization, including clinical administration, medical operations, nursing, and community health. This team incorporated input from the hospital's community and local nonprofit organizations to

prioritize selected strategies and determine possible collaborations. 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 from the 2025 CHNA include:

- Access to Healthcare
- Behavioral Health
- Chronic Disease Prevention and Management
- Maternal and Child Health
- Health-Related Social Needs

These priorities reflect persistent and deeply interconnected challenges, such as provider shortages, care affordability, mental health access, chronic disease burden, and the health impacts of poverty and neighborhood conditions. Community input, coupled with data showing that the hospital's defined community continues to exceed state and national benchmarks in these areas, underscores the urgency of sustained, cross-sector efforts to address differences in health outcomes and improve health outcomes for all populations in the community served by Hillcrest Hospital.

V. Needs Hospital Will Address

Each Cleveland Clinic hospital has adopted and is implementing an Implementation Strategy to address the significant community health needs identified through the 2025 CHNA, in accordance with the requirements of Internal Revenue Service (IRS) Section 501(r). This Implementation Strategy outlines the hospital's planned actions for the 2026–2028 implementation period and describes how identified community health needs will be addressed through hospital-led programs, services, and partnerships.

Implementation efforts focus on addressing underlying structural and social factors that influence health; strengthening and sustaining trust with community members, partners, and stakeholders; incorporating community input into the development and implementation of strategies; and monitoring and evaluating the effectiveness of programs and initiatives over time.

The strategies included in this ISR reflect collaborative efforts between Hillcrest Hospital and local nonprofit, public health, and community-based organizations. These coordinated initiatives are intended to improve health outcomes within the community the hospital serves.

A. Access to Healthcare

Access to healthcare remains a significant challenge for the Hillcrest Hospital community, as identified in the 2025 CHNA. Stakeholders cited affordability, insurance gaps, high out-of-pocket costs, and limited coverage for chronic and behavioral health needs as major barriers. Navigating care is often overwhelming, with patients facing provider shortages, long wait times, and inadequate transportation options. Behavioral health access is particularly strained, and stakeholders emphasized the need for culturally responsive, integrated care models. Data show high rates of preventable hospitalizations among Medicare recipients, driven by low primary care engagement and declining provider availability in Lake County, underscoring the urgency of addressing financial, logistical, and systemic barriers.

Access to Healthcare Initiatives for 2026-2028 include:

Access to Healthcare Initiatives Including Collaborations, Resources Allocated, and Anticipated Impacts

A. Initiative: Continue to provide Patient Financial Advocates to support patients in evaluating eligibility for financial assistance or public health insurance programs.

Anticipated Impacts: Increase the proportion of eligible individuals who are enrolled in assistance programs, increase access to healthcare.

B. Initiative: Collaborate with Federally Qualified Health Centers (FQHCs), community-based organizations, area hospitals, and local health departments to provide access and continuum of healthcare services.

Anticipated Impacts: Improve healthcare access and connect individuals with community resources.

B. Behavioral Health

Behavioral Health, including mental health and substance use, remains a critical priority for the Hillcrest Hospital community, as identified in the 2025 CHNA. Stakeholders reported rising behavioral health needs linked to COVID-19's lasting impacts, economic hardship, and social isolation, compounded by poverty and housing instability. Access challenges include provider shortages, long wait times, affordability issues, and lack of culturally responsive care, with stigma further deterring treatment. Youth mental health was highlighted as urgent, with increasing anxiety, depression, and substance use among adolescents. Recommended strategies include school-based services, integrated care models, crisis intervention, and stigma reduction. Data show high alcohol-related driving deaths, elevated overdose rates, and severe mental health needs in Cuyahoga County zip codes, underscoring the need for coordinated, community-based solutions.

Behavioral Health Initiatives for 2026-2028 include:

Behavioral Health Initiatives Including Collaborations, Resources Allocated, and Anticipated Impacts

A. **Initiative:** Collaborate with community-based organizations and local healthcare providers to educate and understand behavioral health issues, available resources, and treatment options for mental health and substance misuse issues.

   Anticipated Impacts: Increase awareness of treatment, reduce stigma, and improve early identification of behavioral health conditions.

C. Chronic Disease Prevention and Management 

Chronic Disease Prevention and Management is a major priority for the Hillcrest Hospital community, as identified in the 2025 CHNA, due to high prevalence and strong links to lifestyle and social drivers. Conditions such as diabetes, hypertension, cardiovascular disease, and cancer remain leading causes of illness and death, with barriers including affordability, fragmented care, and limited access to nutritious food and physical activity. Stakeholders emphasized culturally relevant education, community gardens, and integrated care models. Data reveal elevated food insecurity in certain neighborhoods, high cancer risks across all three counties, and rising rates of diabetes and kidney disease. Older adults face added challenges of isolation, transportation, and high care costs, underscoring the need for coordinated, community-based solutions.

Chronic Disease Prevention and Management Initiatives for 2026-2028 include:

Chronic Disease Prevention and Management Initiatives Including Collaborations, Resources Allocated, and Anticipated Impacts

A. **Initiative:** Provide community health education and screenings regarding chronic diseases and conditions for community-based organizations, residents, and faith-based organizations.

   Anticipated Impacts: Address chronic disease issues of diabetes, heart disease, cancer, hypertension, chronic obstructive pulmonary disease, obesity. Improve screening follow-up rates and therefore reduce behavioral risk factors.

D. Maternal and Child Health 

Maternal and Child Health remains a critical priority for the Hillcrest Hospital community, as identified in the 2025 CHNA. Stakeholders reported significant barriers to timely, high-quality prenatal and postpartum care, including housing instability, transportation challenges, and insurance gaps, which increase risks for mothers and infants. Behavioral health integration into obstetric and pediatric care was emphasized to address perinatal mental health concerns. Recommended strategies include home visiting programs, doulas, and peer support networks. Children's health concerns center

on preventive care access, rising behavioral health needs, and shortages of pediatric mental health providers. Data show Cuyahoga County faces high child mortality, elevated lead exposure, and maternal risks such as preterm birth, low birthweight, and gestational hypertension.

Maternal and Child Health Initiatives for 2026-2028 include:

Maternal and Child Health Initiatives Including Collaborations, Resources Allocated, and Anticipated Impacts

A. **Initiative:** Continue Cleveland Clinic services of Community Health Workers and/or the co-location of community organizations with hospital facilities, providing assistance for families from pregnancy throughout baby's first year of life.

   Anticipated Impacts: Ensure connection to obstetric/pediatric medical services, improve health and birth outcomes for pregnant patients, and support families with community resources.

B. **Initiative:** Co-Design strategies with community-based organizations to connect mothers with essential resources.

   Anticipated Impacts: Gather data, align programs, and coordinate a systemic approach to improving infant mortality in communities, increase the number of babies that reach their first birthday, improve health and well-being of mother and baby.

E. Health-Related Social Needs

Health-Related Social Needs were identified as a central priority in the Hillcrest Hospital 2025 CHNA due to their broad impact on health outcomes. Stakeholders emphasized that differences in income, housing affordability, transportation limitations, and neighborhood safety significantly influence residents' ability to access care and maintain wellbeing. Economic instability and rising living costs create chronic stress and limit healthcare access, while unreliable transit and unsafe environments further compound risks. Education was highlighted as a cornerstone for long-term health, with schools serving as critical hubs despite persistent resource gaps. Data show high homeowner costs, financial strain for basic needs, and elevated social isolation across all counties, including increasing rates of youth disconnection and grandparents as primary caregivers, underscoring the need for coordinated, cross-sector solutions.

Health-Related Social Needs Initiatives for 2026-2028 include:

Health-Related Social Needs Initiatives Including Collaborations, Resources Allocated, and Anticipated Impacts

A. Initiative: Continue Cleveland Clinic referral data platform, Unite Us, to coordinate services and ensure optimal communication, connecting residents with essential community resources.

Anticipated Impacts: Enables gap closure, ensuring that social needs such as food assistance, family support, housing assistance, and mental health services are resolved.

B. Initiative: Expand a multi-pronged strategy to address food security through education and healthy food access options. Support key partnership with Greater Cleveland Food Bank.

Anticipated Impacts: Improve self-efficacy associated with healthy eating, improve nutrition education, reduce childhood hunger.

C. Initiative: Strengthen the hospital's Community Advisory Council with continued integration of community voice and aligned strategic planning.

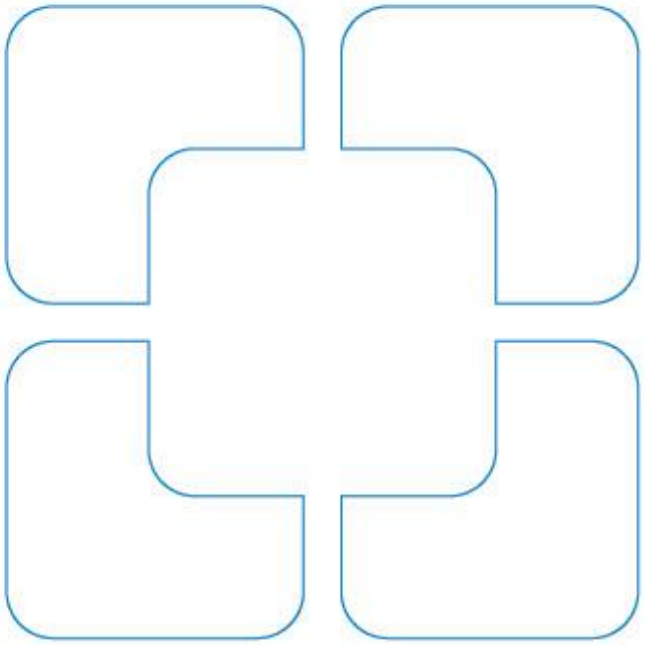
Anticipated Impacts: Increase collaboration with community-based organizations, develop sustainable initiatives. Improve community awareness of available resources, develop a resource guide, and improve access to social supports.

D. Initiative: Provide workforce development and training opportunities for K-12 students in clinical and non-clinical areas, empowering Northeast Ohio's next generation of leaders.

Anticipated Impacts: Improve local employment opportunities, improve poverty rates.

While this ISR outlines specific strategies and programs identified to address the 2025 CHNA prioritized areas of Access to Healthcare, Behavioral Health, Chronic Disease Prevention and Management, Maternal and Child Health, and Health-Related Social Needs, 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/CHNAReports or contact CHNA@ccf.org .



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25-CCC-6446244