

# 2023-2025 Lake County Community Health Improvement Plan





Approved March 21, 2023

# Table of Contents

Introduction	3
Community Served	4
County Demographic Profile	5
MAPP Assessment Process Overview	7
Community Partners	9
Vision and Values	9
Community Health Needs Assessment	10
Prioritization of Significant Health Needs	11
University Hospitals' Commitment to Impact	13
Forces of Change Assessment	15
Community Themes and Strengths Assessment	17
Local Public Health System Assessment	20
Plan Alignment to National and State Standards	22
Social Determinants of Health and Health Inequity	24
Priority Factors that Influence Health	25
Community Conditions	25
Access to Care	30
Priority Outcomes that Influence Health	34
Mental Health & Substance Use and Misuse	34
Chronic Disease	42
General Indicators of Health Status	49
Progress Reporting and Plan Revision	50
Appendix I: Gaps and Strategies	51

#### Introduction

Lake County General Health District (LCGHD) was the 14th health department in Ohio to become accredited in August 2016, under Public Health Accreditation Board (PHAB) standards. One of the standards to receive and maintain PHAB accreditation includes participating in or leading a collaborative process that results in a comprehensive community health needs assessment (CHNA). For local health departments, the community health assessment evaluates the health of residents within the jurisdiction it serves. The results of the community health assessment are then intended to be used to coordinate a comprehensive community health improvement Plan (CHIP). PHAB requires that CHNAs and CHIPs be completed at least every five years; however, Ohio state law (ORC 3701.981) requires that health departments and hospitals collaborate to create a CHNA and CHIP every 3 years. Additionally, PHAB is a voluntary national accreditation program; however, the State of Ohio requires that all local health departments become accredited, making it imperative that all PHAB requirements continue to be met by the local health department.

Certain hospitals as set forth in the Section 501(r) regulations are required to complete a CHNA and corresponding implementation strategy at least once every three years in accordance with regulations promulgated by the Internal Revenue Service pursuant to the Patient Protection and Affordable Care Act (ACA), 2010.

LCGHD and Lake Health, prior to joining University Hospitals in 2021, completed their last CHNA and CHIP collaboratively in 2019. In 2022, University Hospitals and LCGHD reaffirmed their commitment to improving the health of Lake County residents by completing a joint CHNA, finalized September 21, 2022. This 2023-2025 Community Health Improvement Plan, intended to meet both PHAB and IRS requirements, is the culmination of efforts of the two entities, along with many community partner stakeholder organizations without whose time and contributions this essential work would not be possible.

The 2023-2025 Community Health Improvement Plan was approved by Lake County General Health District's Board of Health on January 23, 2023.

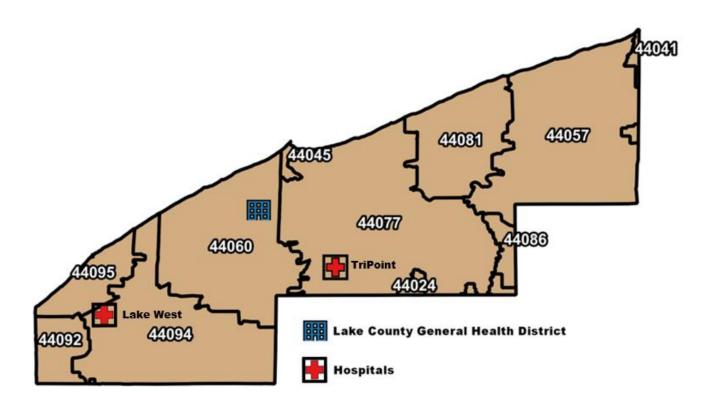
The 2023-2025 Community Health Improvement Plan was approved by University Hospitals' Board of Directors on March 21, 2023.

### **Community Served**

The service area for both Lake County General Health District and UH Lake Health Medical Centers is defined as Lake County, both in practice and for the purposes of this assessment. The map below illustrates the Lake County service area with health department and hospital locations identified.

Lake County consists of 23 political subdivisions, including:

Concord Township	Madison Township	Perry Village
Eastlake	Madison Village	Timberlake Village
Fairport Harbor Village	Mentor	Waite Hill Village
Grand River Village	Mentor-on-the-Lake	Wickliffe
Kirtland	North Perry Village	Willoughby
Kirtland Hills Village	Painesville	Willoughby Hills
Lakeline Village	Painesville Township	Willowick
Leroy Township	Perry Township	

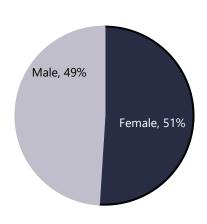


# County Demographic Profile

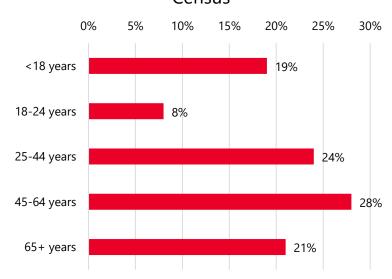




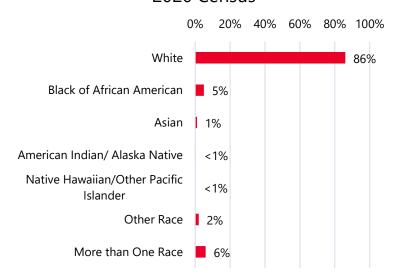
Sex Ratio of Lake County Residents, ACS 2021 1 Year Est.



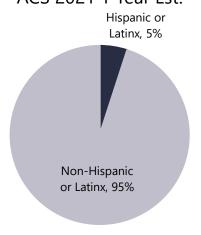
Ages of Lake County Residents, 2020 Census



Races of Lake County Residents, 2020 Census



Ethnicity of Lake County Residents, ACS 2021 1 Year Est.







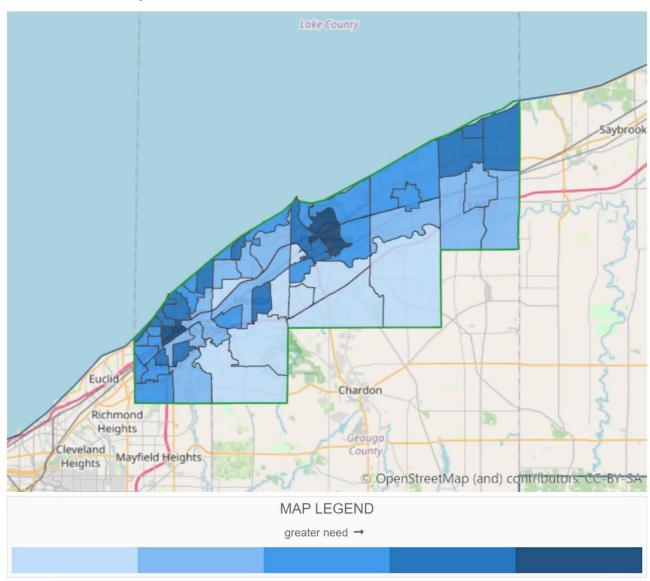
# Ages 25+ with Bachelor's Degree or Higher

#### Health Equity Index

Census Tract

Measurement Period: 2021

Data Source: Conduent Healthy Communities Institute



December 21, 2022 www.healthyneo.org

#### MAPP Assessment Process Overview

Mobilizing for Action through Planning and Partnerships, or MAPP, is a strategic planning tool that assists communities in prioritizing public health needs, identifying resources, and guiding the delivery of community specific programming in order to improve community health. The product of a five-year collaborative effort between the National Association of County and City Health Officials (NACCHO) and the Centers for Disease Control and Prevention (CDC), the creation of the MAPP framework provides a structured approach for enhancing community health. Use of the MAPP framework is required by the Ohio Department of Health for local health departments conducting a community health needs assessment and community health improvement plan. MAPP is characterized by six distinct phases, and Lake County has completed steps 1-5 in this improvement current cycle.

- 1. Organize for Success and Partnership Development
  - Merged the CHNA Steering Committee and CHIP Workgroup for a more robust, cohesive partnership.
  - Conducted three in-person meetings beginning in September 2022.

#### 2. Visioning

• Reviewed the previous vision and values statements and participated in an update activity.

#### 3. The Four Assessments

- Community Health Status Assessment: Process including targeted focus groups, community leader surveys, and resident survey. Contracted with Conduent Healthy Communities Institute for data analysis and plan construction.
- Local Public Health System Assessment: Quantitative survey to organizations that represent the extended public health assessment.
- Community Themes and Strengths: Open-ended questions and quantitative quality of life questions to residents.
- Forces of Changes: Brainstorm session conducted with committee.

#### 4. Identify Strategic Issues

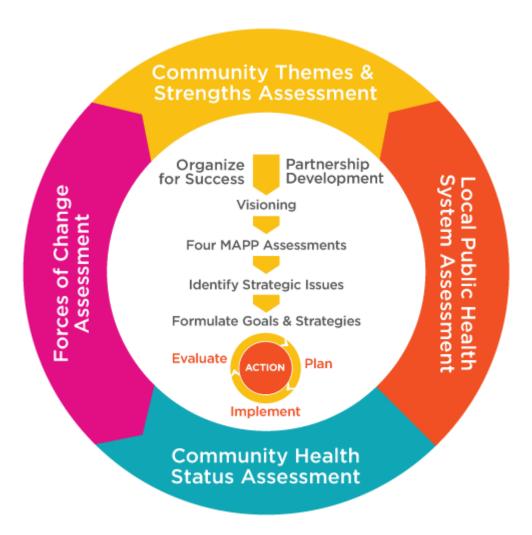
• Using data collected, facilitated prioritization activity conducted by Conduent Healthy Communities Institute.

#### 5. Formulate Goals and Strategies

• Review gaps in service related to strategic issues, and identify evidence-based strategies for inclusion in 2023-2025 improvement cycle.

#### 6. Action Cycle

• The improvement team will meet regularly to collect and review new community health data, and update and revise the improvement plan as necessary.



As of the time of the publication of this CHIP, NACCHO was in the final phases of development of MAPP 2.0, which will is an evolution of the MAPP framework described above. As the new handbook and assessment materials were not finalized during the beginning stages of this MAPP cycle, Lake County elected to use the existing MAPP framework and assessments. As MAPP 2.0 is revised and supporting assessment documents finalized and published, the new framework will be adopted by Lake County and used moving forward.

# **Community Partners**

Lake County General Health District and University Hospitals Lake Health Medical Centers acknowledge and thank the organizations and community stakeholders who came together to construct this CHIP. These organizations attended three in-person planning workshops during September- October 2022, identified strategies to address prioritized issues, and provided insights and discussion to move the partnership forward. The following organizations are committed to working together to implement CHIP strategies, explore new opportunities to share data to enhance outcomes, and expand the partnership to include under-represented communities in Lake County.

Catholic Charities Lake County

Cleveland Clinic Crossroads Health

Educational Service Center of the Western

Reserve

Forbes House

Lake County Alcohol, Drug Addiction, and

Mental Health Services Board Lake County Council on Aging Lake County Job & Family Services Lake Geauga Recovery Center Lakeland Community College

Lifeline, Inc. Lake Metroparks NAMI Lake County

Signature Health

**Torchlight Youth Mentoring Alliance** 

United Way of Lake County

#### Vision and Values

As part of the MAPP process, community partners participated in an activity to discuss what they would like Lake County to ultimately look like, and what community characteristics or qualities would be needed to achieve that goal. The partnership collectively identified a vision statement and values that will guide the group's work over the course of this improvement cycle.

Vision: An equitable Lake County where all people work together to achieve optimal health for everyone

Values: Honor the inherent value of all persons

Foster inclusive environments

Engage the community and earn trust

Link people to accessible services

Collaborate with each other

Ensure a culturally competent workforce

Leverage funding and resources

# Community Health Needs Assessment

The Community Health Needs Assessment consisted of several components.

First, a total of 171 secondary health data measures were collected from publically-available sources, such as County Health Rankings and Roadmaps, Community Commons, CDC (BRFSS, WONDER, WISQUARS, etc.), U.S. Census and American Community Survey data, and others. These measures were collected at the national, state, and county levels, and two additional demographically similar Ohio Counties, as well as benchmarked against Healthy People 2030 objectives when applicable. Significant health concerns for Lake County were determined by comparing Lake County's values with its comparison counties, state and national values, and Healthy People 2030 objectives to determine Lake County's comparative ranking among these benchmarks. Measures for which Lake County's value was unfavorable to 4 or 5 of the other values were flagged as significant health needs for Lake County. These measures are presented in the following table (data for comparison counties has been omitted).

Variable	Lake County	Ohio	U.S.	HP 2030 Target
Unintentional injury death rate per 100,000 population (2019)	61.2	56.1	36.7	43.2
Percentage of Medicare beneficiaries with Osteoporosis (2018)	8.18%	6.22%	6.57%	5.50%
Alcohol-related death rate per 100,000 population (2016-2019)	11.5	5.2	5.2	10.9
Rate of fast food facilities per 100,000 population (2019)	84.33	83.93	82.22	N/A
Fall death rate per 100,000 population (2016-2019)	16.1	10.4	9.4	N/A
Percentage of persons killed in crashes involving alcohol-impaired driving (BAC=0.08+) (2019)	46%	30%	28%	N/A
Percentage of persons killed in crashes involving alcohol (BAC=0.01+) (2019)	73%	36%	33%	N/A
Percentage of adults excessively using alcohol (2018)	20.79%	18.48%	19.12%	25.40%
Percentage of Medicare beneficiaries with alcohol abuse (2018)	2.36%	2.02%	2.08%	N/A
West Nile Virus incidence rate per 100,000 population (2018)	1.30	0.60	0.81	N/A
Breast cancer incidence rate per 100,000 population (2014-2018)	139.4	69.4	127.0	N/A
Colorectal cancer death rate per 100,000 population (2019)	16.1	13.7	12.8	N/A
Percentage of Medicare population with heart disease (2018)	28.5%	27.5%	26.8%	N/A
Heart disease death rate per 100,000 population (2015-2019)	112.9	103.2	92.6	N/A

Variable	Lake County	Ohio	U.S.	HP 2030 Target
Percentage of Medicare population with stroke	4.00%	3.81%	3.77%	N/A
history (2018)				
Percentage of Medicare population with	52.36%	49.42%	47.66%	N/A
hyperlipidemia (2018)				
Percentage of Medicare population with ischemic	28.49%	27.50%	26.81%	N/A
heart disease (2018)				
Percentage of Medicare population with arthritis	37.37%	36.06%	33.47%	38.7%
(2018)				

These significant health needs were then incorporated into a 103-item community survey, which was conducted online via Qualtrics® and marketed by LCGHD and partners through their websites, social media, and other communications, as well as distributed by University Hospitals to their patients in Lake County. The survey was offered in English and Spanish, and paper surveys were offered upon request. A total of 1,846 surveys were returned. Surveys were also distributed to community leaders including mayors and city managers.

In addition, LCGHD conducted five community focus groups with targeted populations including representatives from Black Lives Matter, the LGBTQ+ Community, NAACP, Painesville Elm Street Elementary, and senior citizens.

Data from these assessments were analyzed by Healthy Communities Institute (HCI) and findings were compiled into a preliminary report.

## Prioritization of Significant Health Needs

To better target activities to address the most pressing health needs in the community, LCGHD and UH Lake Health Medical Centers convened a group of community members and leaders to participate in a presentation of data on significant health needs identified in the CHNA facilitated by HCI. Following the data presentation and facilitated discussion, participants were given access to an online link to complete a scoring exercise to assign a score to each significant health need based on a set of criteria.

The criteria for prioritization included:

#### 1. Scope and Severity

- How many people in the community are or will be impacted?
- How does the identified need impact health and quality of life?
- Has the need changed over time?

#### 2. Ability to Impact

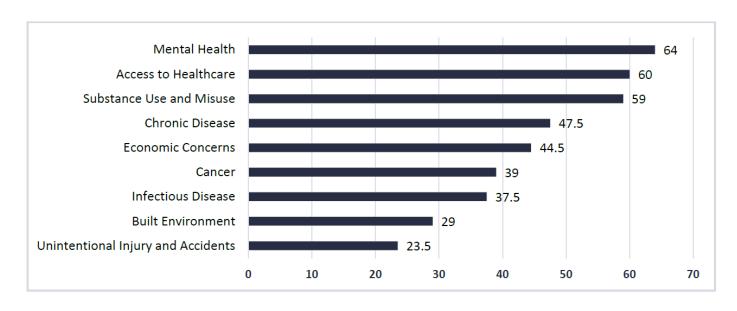
• Can actionable and measurable goals be defined to address the health need? Are those goals achievable in a reasonable time frame?

- Does the hospital or health system have the expertise or resources to address the identified health need?
- Can the need be addressed in collaboration with community partners? Are organizations already addressing the health issue?

Participants assigned a score of 1-3 to each health topic and criterion, with a higher score indicating a greater likelihood for that topic to be prioritized. For example, participants assigned a score of 1-3 to each topic based on whether the scope and severity was (1) least concerning, (2) somewhat concerning or (3) most concerning. Similarly, participants assigned a score of 1-3 to each topic based on (1) least ability to impact (2) some ability to impact or (3) most ability to impact. In addition to considering the data presented by HCI in the presentation and on the prioritization cheat sheet, participants were encouraged to use their own knowledge, judgement, and lived experience as well as considering how well a health topic met the criteria.

Completion of the exercise resulted in a numerical score for each health topic and criterion. Numerical scores for the two criteria were equally weighted and averaged to produce an aggregate score and overall ranking for each health topic.

#### **OVERALL RESULTS OF PRIORITIZATION ACTIVITY**



Following the prioritization session, members from the Lake County CHNA Committee reviewed and discussed the scoring results of the prioritized significant community needs and identified three overall priority areas to be considered for subsequent implementation planning. All three prioritized health needs are in alignment with prioritized health needs from the 2019 CHNA process for Lake County.



Access to Healthcare



Behavioral
Health
(Mental
Health &
Substance Use
and Misuse



Chronic Disease

Data supporting these prioritized health needs, along with the Forces of Change Assessment, the Community Themes and Strengths Assessment, and the Local Public Health System Assessment were analyzed by the committee and considered when identifying community health improvement strategies. Additionally, the committee chose to include several strategies related to the social determinants of health that are intended to improve key community conditions in Lake County that impact health equity.

#### University Hospitals' Commitment to Impact

University Hospitals Lake Health is committed to impacting Lake County's prioritized health needs through new partnerships, enhanced community engagement, and addressing the social determinants of health. University Hospitals Lake Health has selected implementation strategies in each prioritized health area, each with a robust variety of action items designed to improve the health of not only its patients, but the entire Lake County community. While strategies will be implemented county-wide, priority areas include Lake County zip codes 44057, 44092, 44095, as well as residents living in census tracts 4500, 4200, 4400, and 4302 in zip code 44077. Selected implementation strategies are outlined in further detail later in this plan under the appropriate priority factor or outcome, but are also categorized by prioritized health needs below.

#### Access to Care

By December 31, 2025, University Hospitals Lake Health will create and enhance existing programs for local students to understand and pursue careers in healthcare and address gaps to improve access to healthcare.

This will be accomplished by:

• Utilizing community health workers to improve access to primary care

- Collaborating with schools and colleges to increase awareness and opportunity of healthcare professions
- Partnering with Laketran for transportation to employment

#### **Chronic Disease**

By December 31, 2025, University Hospitals Lake Health will increase prevention and early detection, and knowledge regarding chronic diseases and associated management strategies with a focus on priority population identified.

This will be accomplished by:

- Providing free health screenings and referrals at community events
- Hosting diabetes management classes and support groups, healthy cooking demonstrations, and walking events
- Providing food insecurity screenings and referrals at community events

#### Behavioral Health (Mental Health & Substance Use and Misuse)

By December 31, 2025, University Hospitals Lake Health will increase knowledge regarding substance abuse/misuse and associated management, as well as support strategies and improve mental health with a focus on priority populations identified.

This will be accomplished by:

- Hosting Drug Take Back Days and distributing Project DAWN kits
- Providing music therapy to support mental health
- Participating in depression and suicide awareness events
- Increasing referral capacity for mental health services

# Forces of Change Assessment

Members of the committee participated in a Forces of Change Assessment on August 4, 2022. Forces of Change can be characterized as trends, events, and factors that impact the social, economic, political, technological, environmental, legal, and ethical characteristics of a community. Participants identified forces occurring or likely to occur in Lake County during the next three years, as well as community threats and opportunities.

Forces (Trends, Events, Factors)	Threats Posed	Opportunities Created
COVID-19	-Workforce shortage -Existing staff burnout	-Extra grant \$ dollars, has made difference in improving workforce shortage
	-Behavioral & mental health, addiction issues, re-admissions, larger numbers of patients -Increased violence against healthcare workers	-Creative collaboration
Workforce Shortage in Healthcare and Social Service	-Leaving the career -Boomers retirement -Mobile workforce, non-profits can't keep pace with salary -Loss of institutional knowledge -Time/cost of onboarding -Possible lower patient experience scores (different level of care- agency staffing) -Documentation demands (tasks take away from patient care)	-Alternative compensation options (transportation, childcare, etc).
Reproductive Rights Decisions (Supreme Court, Ohio)	-Limited reproductive health access -Full impact still unknown	-Choose/increase access long-term contraceptive options
Senior Population	-Growing in Lake Co. Most not in workforce -Lack of a geriatric assessment program in Lake Co. (burden on ER, delays care) -Council on Aging—short staffed, can't provide same services, safety risks for seniors -Shortage of LISWs for those with Medicare -Lack of affordable senior housing	-UH/LH wants to get program started in Lake Co.  -Talk of expanding licenses Medicare will accept
Youth	-Cost of school lunch for those that don't qualify	-Increase mentoring programs -Pilot-projects for youth support groups -Food access programs

Forces (Trends, Events, Factors)	Threats Posed	Opportunities Created
	-Isolation, depression, social media, bullying, behavior changes -Some workforce issues -School Safety (shooting) -TikTok challenges, social media	
Insurance	(can't be average anymore)  -More with marketplace insurance, however, many services not covered by those plans -Staff time navigation	-Connectivity between providers -Improved referral systems
Health Equity	-Some may be hesitant to work with certain populations -Lack of equity is a threat to access -Lack of understanding of what it means from public -Workforce who may not understand what it means and how to provide	-Targeted funding around issues, new opportunities, new issues -Providers/insurance need to educate patients on all benefits/options available to them (this may improve equity)

# **Community Themes and Strengths Assessment**

As part of the community resident survey, participants were asked to indicate how satisfied they were regarding various factors impacting the quality of life in Lake County. Responses were recorded on a scale from 1 to 5, with 1 indicating "Very Dissatisfied", and 5 indicating "Very Satisfied". In total, 1,823 Lake County residents completed the survey, and results are compared to both 2015 and 2019 below.

Quality of Life Survey Questions	2015 Likert Scale Average Response	2019 Likert Scale Average Responses	2022 Likert Scale Average Response	Overall Trend
1. Are you satisfied with the quality of life in our community?	3.84	3.85	3.89	1
2. Are you satisfied with the health care system in the community?	3.68	3.44	3.51	1
3. Is this community a good place to raise children?	3.86	3.89	3.90	1
4. Is this community a good place to grow old?	3.65	3.45	3.67	1
5. Is there economic opportunity in the community?	3.31	3.46	3.53	1
6. Is the community a safe place to live?	3.69	3.77	3.82	1
7. Are there networks of support for individuals and families during times of stress and need?	3.70	3.59	3.54	1
8. Do all individuals and groups have the opportunity to contribute to and participate in the community's quality of life?	3.63	3.53	3.42	1
9. Do all residents perceive that they — individually and collectively — can make the community a better place to live?	3.30	3.36	3.25	•
10. Are community assets broad-based and multisectoral?	3.26	3.28	3.24	•
11. Are levels of mutual trust and respect increasing among community partners as they participate in collaborative activities to achieve shared community	3.26	3.25	3.16	1
12. Is there an active sense of civic responsibility and engagement, and of civic pride in shared accomplishments?	3.19	3.31	3.20	1

Residents were asked what they most liked about living in Lake County. Their responses were reviewed to identify themes and coded for content to help quantify the most commonly recurring themes. Responses are presented in the following word cloud, where the larger size of the word indicates a higher number of responses for that theme.



To provide some additional context, the following are direct quotes provided by residents about why they like living in Lake County:

"[Lake County has] a variety of stores: grocery, hardware, farm supply stores, clothes stores, Kohl's, Home Depot, LOTS of different restaurants, fast food places, just about every kind. Hospital, urgent cares, and we have dentists, vets for our pets, and Seidman Cancer Center. Beaches, parks, all YMCA, all kinds of things to do. We have the beautiful Lake Erie to enjoy. People help others. We don't have much crime, break ins, etc."

"[We have] easy access to Cleveland and all of its cultural and medical opportunities. We are able to drive around easily. Lake Erie and the MetroParks. We're close to friends. Fairly traditional values. All give a comfortable quality of life."

"[There is] access to parks, medical facilities, everyday conveniences such as shopping, restaurants, and lower taxes than Cuyahoga County."

"[We are] close to larger cities, but a pleasant place to live. Neighborhoods that are multi-generational and lots of outdoor areas to walk in. I feel safe here."

"Diversity! I love that my kids are growing up with so many people of different races, religions, abilities, etc. I love that they understand that everyone is equal and no one person is better than anyone else."

"All the various recreational parks, waterfront, shopping options, dining options, and social services available in the county is wonderful. I am proud to live in Lake County. I think that the county does a very good job keeping the county looking clean and well maintained."

"Easy access to quality parks, golf courses, bike paths and water activities. Also, easy access to arts in the Cleveland Theater district, live music like Mentor Rocks. Convenient shopping. Also, quality health care choices including University Hospitals and Cleveland Clinic."

"I have been in Lake County for 16 years. I love how everything is nearby and convenient."

#### Residents also indicated some of the things they did not like about living in Lake County:

"When our children were young, we had a good school system, with neighborhood schools. Not now. We also knew a lot of our neighbors: not now. People move in, don't return your waves or care to introduce themselves when we make the first move. We have one neighbor we know by name to whom we can go for help, or just visit."

"I like the semi-rural setting but seems to me most of the people that I see at the stores are rude and not friendly. We have lived in our home since 1991, and since then we only know and talk to the neighbors next to us, we really don't know or talk to any other neighbors many of the original ones have moved on. Seems like there are people constantly coming and going."

"I came to Lake County due to employment and have personally enjoyed living in Fairport Harbor, but economic opportunities are limited."

"I did like having a small fitness center like Mentor Heisley, but that will soon become a large facility. I will miss the easy access, lack of crowds, familiar faces, security and opportunity to stay fit and healthy."

"I worry about many people in the community that do not have it as good as we do and am concerned with some weaknesses in the school system, especially in the areas of science and English. If parents are not able to supplement their children's education then it is extremely lacking in those areas. I also feel like our community is lacking in performing arts facilities. Our school had to rent Perry's stage for some performances. It would be helpful if the community pulled funds and donations from businesses together and were able to build a theater for school theater, choir & band, rabbit run, YMCA dance, etc. performances."

# Local Public Health System Assessment

Over 100 members of Lake County's extended public health system were invited to provide feedback as part of the Local Public Health System Assessment (LPHSA), which establishes the foundation upon which the local system may set priorities for performance improvement and identify specific quality improvement projects to support its priorities. Based upon the responses provided, an average was calculated for each of the ten essential services. Each corresponding essential service score can be interpreted as the overall degree to which the public health system meets the performance standards for each essential service.

Using the assessment responses, a scoring process generates a score for each model standard and essential service, and one overall assessment score. The following scoring rubric was applied:

**Optimal Activity (76-100%)** 

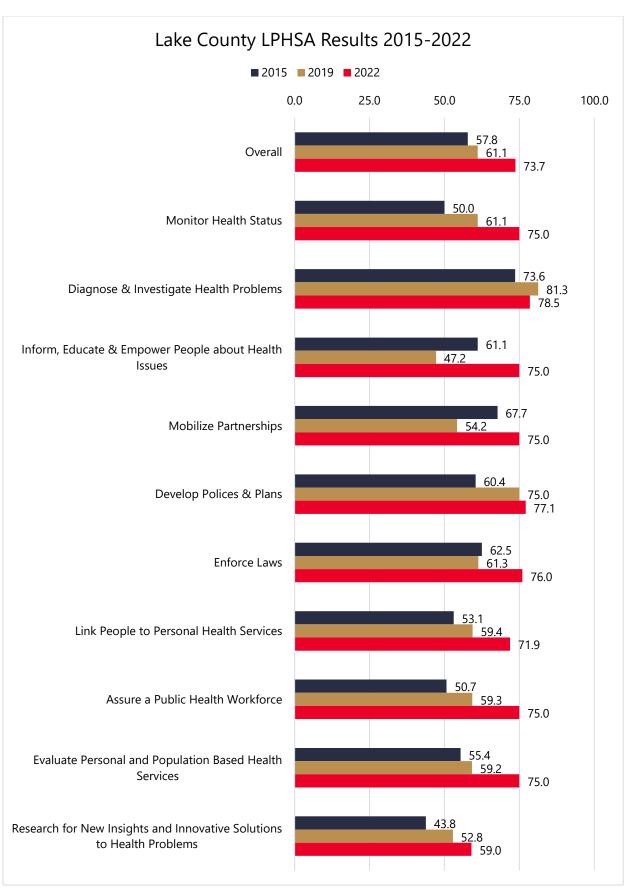
**Significant Activity (51-75%)** 

**Moderate Activity (26-50%)** 

**Minimal Activity (1-25%)** 

No Activity (0%)

Results for the 2022 LPSHA was compared with assessments previously conducted in 2019 and 2015, with scoring indicating an increase in overall system activity. Essential public health service scores pertaining to diagnosis and investigation (78.5%), as well as the development of policies and plans (77.1%), represented the highest Lake County scores, and seven of the ten ten scoring areas rated over 70% each. Research and innovation continues to identify as an area for improvement. Overall increases in scoring could be a result of the recent COVID-19 pandemic, which forced the local public system to perform many essential services to an extent not seen in recent times.



# Plan Alignment to National and State Standards

#### Healthy People 2030

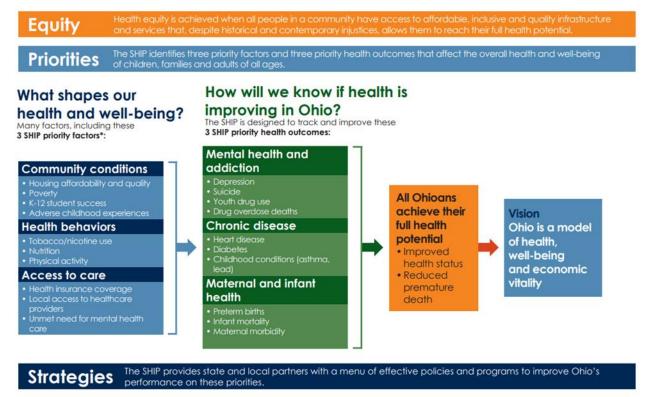
Healthy People is an initiative established in 1990 that provides science-based ten-year national objectives for improving the health of Americans. Healthy People has established benchmarks and tracked progress over time, in order to encourage collaborations across community sectors, empower individuals toward making informed health decisions, and measure the impact of prevention strategies. Several Healthy People 2030 objectives aligned are with the 2023-2025 Lake County Community Health Improvement Plan.

Lake County CHIP Priority Factors & Outcomes	2023-2035 CHIP Alignment with Healthy People 2030 Objectives
Community Conditions	<ul> <li>EMC-D01: Increase the proportion of children are developmentally ready for school</li> <li>NWS-01 Reduce household food insecurity and hunger</li> <li>NWS-02: Eliminate very low food security in children</li> </ul>
Access to Healthcare	AHS-01: Increase the proportion of people with health insurance
Mental Health & Substance Use and Misuse	<ul> <li>SU-10: Reduce the proportion of people aged 21 years and over who engaged in binge drinking over the past month.</li> <li>SU-11: Reduce the proportion of motor vehicle crash deaths that involve a drunk driver.</li> <li>SU-03: Reduce drug overdose deaths.</li> <li>MHMD-01: Reduce the suicide rate.</li> </ul>
Chronic Disease	<ul> <li>TU-01: Reduce current tobacco use in adults.</li> <li>D-01: Reduce the number of diabetes cases diagnosed yearly</li> <li>HDS-01: Improve cardiovascular health in adults</li> <li>HDS-04: Reduce the proportion of adults with hypertension</li> <li>NWS-03: Reduce the proportion of adults with obesity</li> <li>HDS-02: Coronary heart disease deaths</li> </ul>

#### Ohio State Health Improvement Plan (SHIP)

The 2020-2022 Ohio State Health Improvement Plan, based on the 2019 Ohio State Health Assessment, provides state and local stakeholders, including local health departments, hospitals, and other community partners who participate in health improvement planning with a strategic menu of priorities, objectives, and evidence-based strategies designed as a comprehensive framework to improve both health and economic vitality. The plan outlines the strategic outcomes that the state will monitor annually, including improved health status, and reduction in the premature death rate.

The Ohio State Health Improvement Plan identifies three priority factors, which shape the health and well-being of Ohio residents, as well as priority outcomes, which are tracked to measure health improvement.



<sup>\*</sup>These factors are sometimes referred to as the social determinants of health or the social drivers of health

The 2023-2025 Lake County Community Health Improvement Plan closely aligns with the 2020-2022 Ohio State Health Improvement Plan, the most recent SHIP available at the time of publication.

Lake County CHIP Priority Factors & Outcomes	2023-2035 CHIP Alignment with 2020-2022 SHIP
Community Conditions	CC5: Kindergarten Readiness
Access to Healthcare	<ul><li>AC1: Uninsured adults</li><li>AC2: Uninsured children</li></ul>
Mental Health & Substance Use and Misuse	<ul><li>MHA7: Unintentional drug overdose death rate</li><li>MHA4: Adult suicide death</li></ul>
Chronic Disease	<ul> <li>HB1: Adult smoking</li> <li>CD3: Hypertension</li> <li>CD4: Diabetes</li> <li>CD1: Coronary heart disease</li> </ul>

# Social Determinants of Health and Health Inequity

Social determinants of health refers to economic, social, and environmental factors that may impact an individual's health, including but not limited to economic stability, education access and quality, health care access and quality, neighborhood and building environment, and social and community context. When these factors result in poor health, health disparities are inherently created. Disparities that disproportionately affect certain population groups, referred to as health inequities, represent an unfair allocation of resources and opportunities, further perpetuating negative economic, social, and environmental factors. Health inequity is complex, and increases in complexity when multiple social determinants of health negatively effecting an individual's health are met with limited resources and opportunities.

#### **Social Determinants of Health**



Retrieved 12-22-22 from https://health.gov/healthypeople/objectives-anddata/social-determinants-health

Given this link, in addition to the significant health needs identified through the prioritization process, this CHIP also includes several strategies designed in impact community conditions, identified below. Some strategies will require policy and/or environmental change, in order to positively impact the social determinants of health and reduce the prevalence of health inequities. Specific populations experiencing health inequities are identified as priority populations in each strategy's work plan, and in many cases, Lake County zip codes and census tracts ranking higher on Conduent Healthy Communities Institute's 2021 Healthy Equity Index are identified.

CHIP Strategies Impacting Social Determinants	Policy Change (Programmatic or Organizational)	Environmental Change
Storybook Trails	✓	✓
Lifeline's Imagination Library		
Supplemental Nutrition Program of Women, Infants, and Children (WIC)		
Lake County Mobile Food Pantry		
WIC Farmer's Market Nutrition Program		
Healthy Food Access in Food Pantries	✓	✓
Access to Tobacco Cessation Services	✓	
Tobacco Retail Licensing	✓	✓

# Priority Factors that Influence Health

# **Community Conditions**

People with higher levels of education are more likely to be healthier and live longer. Food insecurity is linked to negative health outcomes in both children and adults, and it may cause children to have trouble in school. Over the next three years, Lake County will work to improve Kindergarten Readiness Assessment scores and food insecurity rates that have been exacerbated as a result of the COVID-19 pandemic.

#### **Indicators & Strategies**

Indicator	Data Source	Baseline	Population at highest risk	Short term target (2025)	Intermediate target (2028)	Long term target (2031)
Kindergarten Readiness	Ohio Kindergarten Readiness Assessment	44.2%	Economically disadvantaged; Students with a disability; English learners	50%	60%	70%
Limited access to healthy foods	County Health Rankings	8%	Black (non- Hispanic); Persons with disabilities; Low income households	7%	6%	5%
Child food insecurity rate	Healthy Northeast Ohio	13.4%	Children with unemployed parents	8.7%	4.1%	0%
Overall Food Insecurity Rate	Healthy Northeast Ohio	11.1%	Black (non- Hispanic); Persons with disabilities; Low income households	9.4%	7.7%	6%

Strategy 1: Storybook Trails							
Objective: By December 31, 2025, establish three Storybook Trails in Lake County municipal, regional,							
or state parks							
Aligned to Ohio 2020-2022 SHIP: Yes □ No ⊠			Likely to Reduc	e Disparities: Ye	s ⊠ No □		
Lead Agency	Priority	Measure of Success	Year 1	Year 3			
	Population		Activities	Activities	Activities		
Lifeline	Lake County	# of trails	Identify	Identify	Identify		
	children ages	established	funding	funding	funding		
	0-5 years of		source	source	source		
	age. Priority		(ODNR, local,	(ODNR, local,	(ODNR, local,		
	zip codes 44077, 44092,		etc.).	etc.).	etc.)		
	Spanish-		Engage	Engage	Engage		
	speakers		libraries and	libraries and	libraries and		
			community	community	community		
			members in	members in	members in		
			target areas.	target areas.	target areas.		
			Work with local, state, regional park systems in target area.	Work with local, state, regional park systems in target area.	Work with local, state, regional park systems in target area.		
			Establish and	Establish and	Establish and		
			promote trail.	promote trail.	promote trail.		
Type of Strate	uv.						
, ·	stem and Access	□ Public Health Syste	em Prevention a	nd Behaviors ⊠			
Healthcare System and Access □ Public Health System, Prevention and Behaviors ⊠ Social Determinants of Health/Community Conditions ⊠							
Policy Change Necessary for Strategy Success: Yes $oxdot$ No $oxdot$							
Resources to Address Strategy: Lake County General Health District, Ohio Department of Natural							
Resources, parks and recreation departments in municipalities, libraries in municipalities, Lake							
Metroparks, school districts in target areas							
Addresses additional Priority Area: Yes ⊠ No □							

Strategy 2: Life	eline's Lake Coun	ty Imagination Library						
		25, increase the number	r of children enro	olled in the Lifeli	ne's			
Imagination Lil	brary to 50% of $\epsilon$	eligible children, as repo	orted by Ohio's I	magination Libra	ary.			
Aligned to Ohi	o 2020-2022 SH	IP: Yes □ No ⊠	Likely to Reduce Disparities: Yes ⊠ No □					
Lead Agency	ad Agency   Priority   Measure of Success			Year 2	Year 3			
	Population		Activities	Activities	Activities			
Lead Agency Priority Measure of Success Year 1 Year 2 Year 3								
				2 activities.				
Type of Strategy: Healthcare System and Access $\square$ Public Health System, Prevention and Behaviors $\square$ Social Determinants of Health/Community Conditions $\boxtimes$ Policy Change Necessary for Strategy Success: Yes $\square$ No $\boxtimes$								
				100 100 100 100	Go Fame'l			
		Early Head Start, Head		_	-			
		cians and healthcare pro	oviders, Lake Col	unty General Hea	aith District			
Addresses add	Addresses additional Priority Area: Yes □ No ⊠							

Strategy 3: Sup	Strategy 3: Supplemental Nutrition Program of Women, Infants, and Children (WIC)						
Objective: By D	ecember 31, 202	25, increase WIC caselo	pad by 10% in al	l Lake County cli	nic locations.		
Aligned to Ohio	o 2020-2022 SHI	P: Yes ⊠ No □	Likely to Reduce Disparities: Yes $oxtimes$ No $oxtimes$				
Lead Agency	Priority	Measure of Success	Year 1	Year 2	Year 3		
	Population		Activities	Activities	Activities		
Lake-Geauga WIC	Pregnant women and breastfeeding women, children ages 0-5 years meeting WIC income eligibility guidelines and having a nutritional risk.	# of WIC participants	Promote WIC services through social media, health fairs/events, mailings, coalitions.  Utilize referral systems through Unite Us, Coeffective, and JFS in Lake Counties.	Promote WIC services through social media, health fairs/events, mailings, coalitions.  Utilize referral systems through Unite Us, Coeffective, and JFS in Lake Counties.	Promote WIC services through social media, health fairs/events, mailings, coalitions.  Utilize referral systems through Unite Us, Coeffective, and JFS in Lake Counties.		
Type of Strategy:  Healthcare System and Access □ Public Health System, Prevention and Behaviors □  Social Determinants of Health/Community Conditions ☑  Policy Change Necessary for Strategy Success: Yes □ No ☑  Resources to Address Strategy: ODH-provided social media content, Unite Us, Coeffective, Job & Family Services, Crossroads Health, University Hospitals & Cleveland Clinic Pediatricians and Family Practice Physicians, Wickliffe Family Resource Center, Signature Health, Birthright of Lake County, Painesville Family Resource Center, Early Head Start, Head Start, Help Me Grow, Mother Rising, Hope Chest  Addresses additional Priority Area: Yes ☑ No □							

Strategy 4: Lake County Mobile Food Pantry							
Objective: By D Mobile Food P		25, insure that 95% of	all available app	ointments for La	ke County's		
	o 2020-2022 SH	IP: Yes ⊠ No □	Likely to Reduce Disparities: Yes ⊠ No □				
Lead Agency	Priority Population	Measure of Success	Year 1 Activities	Year 2 Activities	Year 3 Activities		
Lifeline	Lake County residents ages 60+, income <\$25,759 for 1; <\$34,839 for 2. Attention to census tracts 2021, 2025, 2040, 2042, 2044,2043, 2045 (scores over 60.0 on 2021 Food Insecurity Index)	% of appointments filled per location	Confirm local food pantry dates and locations in 2023.  Identify advertising opportunities in priority census tracts.  Conduct distribution events.  Confirm funding for calendar year 2024.	Evaluate priority census tract data.  Confirm local food pantry dates and locations for 2024.  Identify advertising opportunities in priority census tracts.  Conduct distribution events.  Confirm funding for calendar year 2025.	Evaluate priority census tract data.  Confirm local food pantry dates and locations for 2025.  Identify advertising opportunities in priority census tracts.  Conduct distribution events.		
Type of Strategy:  Healthcare System and Access □ Public Health System, Prevention and Behaviors □  Social Determinants of Health/Community Conditions ⊠							
		rategy Success: Yes					
Council on Agi	_,	Laketran, Lake County eland Food Bank, Lake			· ·		
Senior Center							
Addresses add	Addresses additional Priority Area: Yes ⊠ No □						

#### Access to Care

Access to high-quality health care helps prevent disease and improve quality of life. However, some people do not receive the health services they need due to insufficient health insurance, inability to access a local provider, or transportation and language barriers. Lake County will work to increase the number of individuals covered by insurance, improve linkage between healthcare providers and community resources, promote careers in healthcare, and work together to identify and address the most persistent barriers that create disparities in access to care.

#### **Indicators & Strategies**

Indicator	Data Source	Baseline	Population at highest risk	Short term target (2025)	Intermediate target (2028)	Long term target (2031)
Uninsured (% population under 65 without health insurance)	County Health Rankings	7%	Hispanic or Latino; Black (includes Hispanic and non- Hispanic); Income below 138% of the federal poverty level; Male	6%	5%	4%
Uninsured children (% under 19 without health insurance)	County Health Rankings	5%	Hispanic or Latino (any race); Income below 200% FPL	3.7%	2.4%	<1%

Strategy 1: Improve access to healthcare through creation of workforce pipeline and development opportunities to pursue careers in healthcare. Improve inclusive healthcare access for community members, especially those impacted by high cost due to being uninsured or underinsured with a high deductible to improve referrals to primary care.

Objective: By December 31, 2025, create and enhance existing programs for local students to understand and pursue careers in healthcare and address gaps to improve access to healthcare

		SHIP: Yes ⊠ No	and address gaps to improve access to healthcare Likely to Reduce Disparities: Yes $oxed{\boxtimes}$ No $oxed{\square}$		
Lead Agency	Priority Population	Measure of Success	Year 1, 2, and 3 Activities		
University Hospitals Lake Health	Residents located in zip codes 44077	50 primary care referrals received	Utilize community health workers and community partners to improve access and referrals to primary physicians.		
	(census tracts 4500, 4200, 4400, 4302),	15 career fair/day opportunities attended	Partner with local schools at career fairs, participate in career days, to increase knowledge of opportunities within healthcare.		
	44092, 44095, and 44057	15 of college internships	Partner with local colleges as well as college internship and career fair participation.		
	44037	provided	Provide career shadowing experiences.		
		5 of new business partnerships created	Partner with local business and community partners to create STEM opportunities for early academic engagement.		
		15 employees using Laketran	Partner with Laketran to provide transportation to jobs at UH Lake West.		
			Address desire raised in qualitative community survey by providing referrals in the community that are inclusive and relatable.		
Type of Strategy:  Healthcare System and Access ⊠ Public Health System, Prevention and Behaviors □  Social Determinants of Health/Community Conditions ⊠					
Policy Change Necessary for Strategy Success: Yes ⊠ No □					
Resources to Address Strategy: UH Lake Health, UH Lake community outreach, Laketran, Lake County high schools, Educational Service Center of the Western Reserve, Lake Erie College, Lakeland					
Community College, local chambers of commerce  Addresses additional Priority Area: Yes   No   No					

Strategy 2: Est	ablish a Lake Co	ounty Healthcare Acce	ss Subcommittee				
Objectives: By	March 31, 2023	, convene the first me	eting Lake County	Access to Health	ncare		
subcommittee	. By December	31, 2023 review availa	ble supplemental of	data and identify	/ strategic		
objectives to complete in 2024 and 2025.							
Aligned to Oh	io 2020-2022 SH	HP: Yes □ No ⊠	Likely to Reduce	Disparities: Yes	⊠ No □		
Lead Agency	Priority	Measure of	Year 1 Activities	Year 2	Year 3		
	Populations	Success		Activities	Activities		
LCGHD	Spanish- speaking & LGBTQ+ populations	# of subcommittee members  # of strategies identified  # of strategies documenting progress	Convene committee of interested organizations.  Collect additional data.  Analyze new data.  Identify strategies for implementation.  Create work	Track strategy progress and share results.	Track strategy progress and share results.		
			plans.				
Type of Strate	gy:						
Healthcare Sys	stem and Access	⊠ Public Health Sy	stem, Prevention a	nd Behaviors □	]		
Social Determi	inants of Health,	/Community Conditio	ns 🗵				
Policy Change	Policy Change Necessary for Strategy Success: Yes □ No ⊠						
Resources to A	Address Strategy	: University Hospitals	, Cleveland Clinic, S	Signature Health	n, Lake County		
Free Medical C	Clinic, Crossroad	s Health, Lake ADAMI	HS				
Addresses add	ditional Priority A	Area: Yes ⊠ No □					

	Strategy 3: Use the Unite Us platform to connect Lake County residents to healthcare providers and community resources and services.								
	Objective: By December 31, 2025, increase the number of Lake County organizations enrolled in the								
Unite Us	Unite Us Platform by 100%.								
Aligned t	o Ohio 2020-2022	SHIP: Yes □	Likely to Reduce D	isparities: Yes 🗵 N	o 🗆				
No ⊠									
Lead	Priority	Measure of	Year 1 Activities	Year 2 Activities	Year 3 Activities				
Agency	Population	Success							
LCGHD	Organizations	# of Lake	Health education	Health education	Health education				
	serving census	County	& resource	& resource	& resource				
	tracts 2045,	providers	development.	development.	development.				
2042, 2044, using Unite									
	2021, 2066, Us Reach out to 20 Reach out to 20 Reach out to 20								
2062,2060,2020 providers providers providers									
	(tracts with an	# of	annually	annually	annually				
	index value of	patient/client	introduce/recruit.	introduce/recruit.	introduce/recruit.				
	>50.0 on	referrals in			_				
	Conduent	platform	Acquire, develop,	Produce reports	Produce reports				
	Healthy		and standardize	and share with	and share with				
	Communities		bi-annual	partners- gap	partners- gap				
	Institute's 2021		analytic report to	reduction and	reduction and				
	Health Equity		share with	barriers with	barriers with				
	Index)		partners.	access to care.	access to care.				
Type of S	<b>J</b> ,								
	re System and Acc		•	ntion and Behaviors					
	terminants of Hea	•							
	ange Necessary fo								
		3,		Js, Family Resource	•				
			_	ons, unaffiliated/ind	lependent				
	e providers, vetera								
Addresse	Addresses additional Priority Area: Yes ⊠ No □								

# **Priority Outcomes that Influence Health**

#### Mental Health & Substance Use and Misuse

Binge drinking can lead to motor vehicle crashes, violence, and death, and Lake County continues to have one of the highest drug overdose death rates in Ohio. Over the next three years, Lake County will work together to reduce alcohol use, expand treatment for Opioid Use Disorder, and improve mental health outcomes through expanded screening and mentoring programs.

#### **Indicators & Strategies**

Indicator	Data Source	Baseline	Population at highest risk	Short term target (2025)	Intermediate target (2028)	Long term target (2031)
Percent of adults who binge drink	HNEO/CDCP	16.4%	White, non- Hispanic; Adults (ages 18-34); Male	16.1%	15.9%	15.6%
Percent of driving deaths involving impaired drivers	County Health Profiles	58.0%	Adults (ages 25-44)	48.2%	38.4%	28.3%
Drug Overdose Death Rate	CHR/HNEO	36	Adults (ages 25-54); Male	29.9	24.8	20.7
Suicide Death Rate	HNEO/CDC	15	White, non- Hispanic; Male; Adults, ages 35-44; Adults, ages 55-64	14.3	13.6	12.8
Percent of adults ever diagnosed with depression	HNEO	20.60%	Anyone	19.70%	18.90%	18.00%

Strategy 1: Uni	versity Hospita	ls Lake Health and r	oublic health partners address opioids/substance				
	d mental health		oublic fleatiff partifiers address opioids/substance				
			edge regarding substance abuse/misuse and				
_			egies and improve mental health with a focus on				
	itions identified						
	Aligned to Ohio 2020-2022 SHIP: Yes ⊠ No □ Likely to Reduce Disparities: Yes ⊠ No □						
Lead Agency	Priority	Measure of	Year 1, 2, and 3 Activities				
3 ,	Population	Success					
University	Residents	50 Project Dawn	Participation in biannual National Drug Take Back				
Hospitals	located in	kits distributed	Days with University Hospitals Lake Health				
Lake Health,	zip codes		pharmacists providing education and Project Dawn				
with	44077	100 Pounds of	kits.				
partnership	(census	unused drugs					
from other	tracts 4500,	collected.	Music therapist guided support groups aimed at				
community	4200, 4400,		mental health supports.				
organizations	4302),	6 of music-					
	44092,	therapy guided	Depression and suicide awareness events in				
	44095, and	support groups	schools and with community partners.				
	44057	held and 20					
		participants	Smoking, drug use/misuse, and alcohol-use				
			education included at community events and with				
		24 community	schools.				
		and school					
		education events	Provide community referrals to accessible mental				
		attended	health services at local clinic & offices, with virtual,				
			affordable access.				
		24 community					
		events for					
		mental health					
		services					
Type of Strateg	• •						
•	tem and Access		System, Prevention and Behaviors   —				
		/Community Condi					
		Strategy Success: Ye					
	<b>J</b> .	•	harmacists, community outreach, and music therapy,				
			Lake County schools				
Addresses add	itional Priority	Area: Yes ⊠ No □					

		de alcohol use and pre			
•		25 establish a county-\	wide alcohol use	and prevention	campaign
	vice providers.				
Aligned to Ohi	io 2020-2022 SH	IP: Yes □ No ⊠	Likely to Reduc	e Disparities: Ye	s □ No ⊠
Lead Agency	Priority	Measure of Success	Year 1	Year 2	Year 3
	Population		Activities	Activities	Activities
Lake	Males and	# of providers	Use data to	Evaluate new	Evaluate new
ADAMHS	females ages	utilized	identify	data and	data and
Board	18+, county-		trends in	trends.	trends.
	wide, 44095,	# clients served	ETOH use.		
	44060, 44077,			Review and	Review and
	44081	# of presentations	Include	revise	revise
			content	presentation	presentation
		# of social media	Board	content,	content,
		posts/engagements	presentations.	social media	social media
				messaging,	messaging,
		# of materials	Create social	and materials	and materials
		distributed	media	if necessary.	if necessary.
			messaging.		
			Develop and		
			distribute		
			materials.		
Type of Strate Healthcare Sys	gy: stem and Access	☐ Public Health Syst	em, Prevention a	and Behaviors D	3
Social Determi	inants of Health/	Community Condition	s 🗆		
<b>Policy Change</b>	Necessary for St	rategy Success: Yes 🗆	No ⊠		
Resources to A	Address Strategy:	Lake ADAMHS Board,	Bridges, Catholi	c Charities, Clev	eland Rape
Crisis Center, E	Extended Housing	g, Family Pride, Lifeline	Lake-Geauga R	ecovery Centers	UH Lake
		gnature Health, NAMI	Lake County, Wo	omensafe, Cross	roads Health,
Torchlight You	ıth Mentoring All	iance			
Addresses add	litional Priority A	rea: Yes □ No ⊠			

Strategy 3: Expansion of treatment and access for Opioid Use Disorder						
Objective: By D	December 31, 20	25, increase the numbe	er of individuals	receiving treatme	ent for Opioid	
Use Disorder.						
Aligned to Ohi	o 2020-2022 SH	IP: Yes ⊠ No □	Likely to Redu	ce Disparities: Ye	s ⊠ No □	
Lead Agency	Priority Population	Measure of Success	Year 1 Activities	Year 2 Activities	Year 3 Activities	
Lake ADAMHS Board	Adults with Opioid Use Disorder	# patients receiving Medication-Assisted Treatment (MAT)  # of providers offering MAT  # patients receiving withdrawal medications	Provide residential treatment through LGRC.  Provide recovery housing at LGRC.  Provide prevention screen at in Lake Co. Courts.  Provide Jail Treatment Program and Opioid Use screenings in Lake Co. Jail.	Evaluate Year 1 activities. Review and revise as necessary.	Evaluate Year 2 activities. Review and revise as necessary.	
Type of Strategy: Healthcare System and Access ⊠ Public Health System, Prevention and Behaviors □ Social Determinants of Health/Community Conditions □						
Policy Change Necessary for Strategy Success: Yes □ No ⊠						
Resources to A	ddress Strategy	: Lake ADAMHS Board, e County Courts, Lake (	Lake Geauga Re	ecovery Centers, S	Signature	
		rea: Yes ⊠ No □				

Strategy 4: Assessing and Managing Suicide Risk (AMSR) Screenings							
Objective: By December 31, 2025, increase the number of local clinicians trained in Assessing and							
Managing Suicide Risk (AMSR) and expand ongoing suicide awareness and prevention activities.							
		IP: Yes ⊠ No □	Likely to Reduce Disparities: Yes ⊠ No □				
Lead Agency	Priority	Measure of Success	Year 1	Year 2	Year 3		
3 ,	Population		Activities	Activities	Activities		
Lake	LGBTQ+	# of clinicians	Contact local	Evaluate Year	Evaluate Year		
ADAMHS	youth and	trained	providers	1 activities.	2 activities.		
Board	adults, Lake		and provide	Review and	Review and		
	County First	# of screenings	AMSR	revise as	revise as		
	Responders	conducted	trainings for clinicians.	necessary.	necessary.		
		# organizations					
		receiving	Promote				
		training/materials	Crisis Text				
			Line, Crisis				
			Hotline, and				
			Compass				
			Line via				
			social media.				
			Expand				
			relationships				
			with faith-				
			based				
			community.				
			Partner				
			organizations				
			who serve				
			individuals at				
			increased risk				
Type of Strated			for suicide.				
, , , , , , , , , , , , , , , , , , ,	yy: tem and Access	□ Public Health Syst	em Prevention	and Rehaviors	1		
•		•		and Denaviors L			
Social Determinants of Health/Community Conditions □  Policy Change Necessary for Strategy Success: Yes □ No ⊠							
Resources to Address Strategy: Lake ADAMHS Board, Bridges, Catholic Charities, Cleveland Rape							
Crisis Center, Extended Housing, Family Pride, Lifeline Lake-Geauga Recovery Centers, UH Lake							
Health, Windso	Health, Windsor Laurelwood Signature Health, NAMI Lake County, WomenSafe, Crossroads Health,						
_	_	iance, SART, Proposed	Coalition to End	d Human Traffick	ing, Domestic		
		ed Organizations					
Addresses additional Priority Area: Yes ⊠ No □							

Strategy 5: Strength of Suicide & Signs of Suicide and Sources of Strength trainings								
Objective: By D	Objective: By December 31, 2025 increase the number of Lake County schools' staff receiving suicide							
trainings in sch	ool settings.							
Aligned to Ohio 2020-2022 SHIP: Yes $\boxtimes$ No $\square$ Likely to Reduce Disparities: Yes $\boxtimes$ No $\square$								
Lead Agency	Priority	Measure of Success Year 1 Year 2 Year 3						
	Population		Activities	Activities	Activities			
Lake	Middle and	# of trainings	Contact	Evaluate Year	Evaluate Year			
ADAMHS	HS School	implemented	school	1 activities.	2 activities.			
Board	students ages		personnel,					
	10+	# of schools	schedule and	Review	Review			
		participating	conduct	presentation	presentation			
			presentations.	and training	and training			
		# of staff trained		content.	content.			
				Revise if	Revise if			
				necessary.	necessary.			
				Contact	Contact			
				school	school			
				personnel and	personnel			
				conduct	and conduct			
				presentations.	presentations.			
Type of Strategy:  Healthcare System and Access □ Public Health System, Prevention and Behaviors ⊠  Social Determinants of Health/Community Conditions □								
	Policy Change Necessary for Strategy Success: Yes  No  No							
	Resources to Address Strategy: Lake ADAMHS Board, Crossroads Health, Signature Health, NAMI,							
		ce Center of the Wester		_				
schools			, , , , , , , , , , , , , , , , , , ,		,			
Addresses addi	itional Priority A	rea: Yes 🗌 No 🗵						

Strategy 6: School/Site-based Mentoring									
Objective: By D	December 31, 20	25, increase the number	er of students pa	rticipating in gro	up mentoring				
-	e County site loca		·						
Aligned to Ohio 2020-2022 SHIP: Yes $\boxtimes$ No $\square$ Likely to Reduce Disparities: Yes $\boxtimes$ No $\square$									
Lead AgencyPriorityMeasure of SuccessYear 1Year 2Year									
	Population		Activities	Activities	Activities				
Torchlight	Lake County	# site locations	Confirm	Confirm	Confirm				
Youth	Elementary,		school/site	school/site	school/site				
Mentoring	Middle and	# of elementary,	locations.	locations.	locations.				
Alliance	High School	middle and high							
	Students	schools mentees	Solicit	Solicit	Solicit				
	located in		participation	participation	participation				
	44092, 44077,	# of high school	from	from mentees	from				
	44094, 44081	mentors	mentees and	and mentors.	mentees and				
			mentors.		mentors.				
				Explore new					
			Explore new	partnerships	Explore new				
	partnerships for mentors. partnerships								
			for mentors.		for mentors.				
				Ongoing					
			Ongoing	evaluation of	Ongoing				
			evaluation of	site locations.	evaluation of				
			site		site				
locations. locations.									
Type of Strate	-	Dublic Health Cont	hama Duayamtian	and Daharian	7				
Healthcare System and Access ☐ Public Health System, Prevention and Behaviors ☒									
Social Determinants of Health/Community Conditions									
Policy Change Necessary for Strategy Success: Yes □ No ☒  Resources to Address Strategy: Wickliffe Schools, Harvey High School, Jefferson Elementary School,									
		vvičkilije Schools, Har	vey High School	, Jenerson Eleme	mary School,				
Perry Elementa		ros: Vos 🏻 No 🗆							
Addresses additional Priority Area: Yes $oximes$ No $oximes$									

Strategy 7: Youth-Facilitated Healthy Relationship Pilot Project								
Objective: By December 31, 2025, establish a youth-facilitated, school-based pilot project designed to promote healthy boundaries and healthy relationships. The program seeks to raise awareness of abusive behaviors, reduce or eliminate abusive behaviors and societal tolerance of them, improve mental wellness, and support healthy choices.								
Aligned to Ohio 2020-2022 SHIP: Yes □ No ⊠		Likely to Reduce Dis	parities: Yes 🗆 No					
Lead Agency	Priority Population	Measure of Success	Year 1 Activities	Year 2 Activities	Year 3 Activities			
Forbes House	Lake County Middle and High School Students	ty # of students Identify Repeat Year 1 Repeat Year trained as evidence-based activities if 2 activities if						
Type of Stra								
	System and Acc		th System, Prevention	and Behaviors 🗵				
		Ith/Community Con						
	Policy Change Necessary for Strategy Success: Yes □ No ☒  Resources to Address Strategy: Lake County Middle and High Schools							
				15				
Addresses additional Priority Area: Yes ⊠ No □								

#### **Chronic Disease**

People who eat too many unhealthy foods — like foods high in saturated fat and added sugars — are at increased risk for obesity, heart disease, type 2 diabetes, and other health problems. Despite years of education efforts, tobacco use in Lake County remains high, and continues to be linked to a myriad of long-term chronic health conditions. Lake County will focus on policies and interventions that help people choose healthy foods, decrease the availability of tobacco products, and expand accessibility to tobacco cessation services.

#### **Indicators & Strategies**

Indicator	Data Source	Baseline	Population at highest risk	Short term target (2025)	Intermediate target (2028)	Long term target (2031)
Limited access to healthy foods	County Health Rankings	8%	Black (non- Hispanic); Persons with disabilities; Low income households	7%	6%	5%
Adult smoking rate	County Health Profiles	21%	Black, non-Hispanic; Hispanic; Adults, ages 25-54; Low-income (less than \$15,000 annual household income); People with a disability; Sexual and gender minorities; Women who are pregnant	19.4%	17.8%	16.2%
High blood pressure prevalence	Healthy NEO	34.1%	Black (non- Hispanic); risk increases with age	33.3%	32.5%	27.7%
Adults with diabetes	Healthy NEO/CHR	8.6%	Black (non- Hispanic); Adults, (ages 55+); Low- income (less than \$15,000 annual household	8.45%	8.3%	8.1%

Indicator	Data Source	Baseline	Population at highest risk	Short term target (2025)	Intermediate target (2028)	Long term target (2031)
			income); People with a disability			
Diabetes Death Rate	HNEO	18.5	Black (non- Hispanic); Adults, ages 55+; Low- income (less than \$15,000 annual household income); People with a disability	18.1	17.7	17.3
Adults who experienced coronary artery disease	Healthy NEO	7.7%	Adults (ages 55+); Low- income (less than \$15,000 annual household income); People with a disability; Male	6.5%	5.3%	4.2%
Coronary Heart Disease Death Rate	HNEO	127.8	Adults (ages 55+); Low- income (less than \$15,000 annual household income); People with a disability; Male	108.9	90.0	71.1
Adults 20+ who are obese	Healthy NEO	30%	Black (Non- Hispanic); Hispanic; Adults (ages 40-59)	29.32%	28.64%	27.97%

	Strategy 1: Community engagement to provide screening, education, and support groups to prevent and/or manage chronic diseases.							
Objective: By December 31, 2025, increase prevention and early detection, and knowledge regarding								
chronic diseas	chronic diseases and associated management strategies with a focus on priority population identified.							
Aligned to Oh	Aligned to Ohio 2020-2022 SHIP: Yes $oxtimes$ No $oxtimes$ Likely to Reduce Disparities: Yes $oxtimes$ No $oxtimes$							
Lead Agency	Priority	Measure of	Year 1, 2, and 3 Activities					
3 ,	Population	Success						
University	Residents	36 health	Provide screening and/or educational events by					
Hospitals	located in zip	screenings	promoting free events within the county, at health					
Lake Health	codes 44077	conducted in the	fairs, hospital screening events, corporations, senior					
	(census tracts 4500, 4200,	community	centers, recreation centers, and libraries.					
	4400, 4302),	60 community	Diabetes management and support groups (goal 40					
	44092,	events attended	participants annually), healthy cooking					
	44095, and		demonstrations, walking groups/events, wellness					
	44057	12 diabetes	support groups, women's and men's health events.					
		management						
		support activities	Partner with key community groups including					
		held	Leadership Lake County, United Way, Black Lives					
			Matter, NAACP, LGBTQ+ Community, and Senior					
		50 people	Focused Organizations such as Lake County Council					
		participating in	on Aging and Lake County Commissioners to meet					
		diabetes	needs identified in CHNA Community Survey.					
		management &						
		support groups	Target at least 1,000 people via corporations, schools,					
			churches, senior centers, community health fairs,					
		5 new	recreation centers, and libraries.					
		partnership						
		opportunities	Address food insecurity at community outreach					
		established	events, farmers markets, free produce distribution in					
			prioritized areas, utilizing community health workers					
		20 food	and community partners.					
		insecurity events						
		activities						
T (C)		conducted.						
Type of Strates Healthcare Sys	gy: stem and Access	☐ Public Health S	System, Prevention and Behaviors ⊠					
Social Determinants of Health/Community Conditions 🗵								
Policy Change	Necessary for S	trategy Success: Yes	□ No ⊠					
	•		ral Health District, UH Lake Health Community Outreach					
	Staff and supplies, UH Lake Health Foundation, United Way Lake County, Leadership Lake County, United							
Way, Black Live	es Matter, NAAC	P, LGBTQ+ Commun	nity, Senior Focused Organizations such as Lake County					
Council on Ag	ing, and Lake Co	ounty Commissioners	S					
Addresses additional Priority Area: Yes ⊠ No □								

Objective: By December 31, 2025, increase WIC Farmer's Market Nutrition Program (FMNP) redemption rate to 50% per Lake County clinic location.  Aligned to Ohio 2020-2022 SHIP: Yes No Lead Agency Priority Population  Lake-Geauga WIC families eligible to participate in the FMNP program.  **No December 31, 2025, increase WIC Farmer's Market Nutrition Program (FMNP) redemption rate to 50% per Lake County clinic location.  **Likely to Reduce Disparities: Yes No December 1 Year 2 Activities Activities Activities Activities Activities Coupons to redemption rate to 50% per Lake County Year 1 Activities Activities Activities Distribute coupons to qualifying families.  **Likely to Reduce Disparities: Yes No December 1 Year 2 Activities Activities Activities Activities Coupons to redemption rate to 50% per Lake County WIC participants who qualifying families.  **Likely to Reduce Disparities: Yes No December 1 Year 2 Year 3 Activities Activities Activities Activities Coupons to redemption rate to 50% participants who qualifying families.  **Likely to Reduce Disparities: Yes No December 1 Year 2 Year 3 Activities Activities Activities Activities Coupons to redupent to redemption rate to 50% participants who qualifying families.  **Likely to Reduce Disparities: Yes No December 1 Year 2 Year 3 Activities Activities Activities Activities Activities Coupons to redupent No participants who qualifying qualifying families.  **Likely to Reduce Disparities: Yes No December 1 Year 2 Year 3 Activities Acti						
Likely to Reduce Disparities: Yes No   Likely to Reduce Disparities Notices   Reductional Notices   Reductional Notices   Reductional Notices   Reductional Notices   Likely to Reductional Notices   Reducti						
Lead Agency Priority Population  Lake-Geauga WIC families eligible to participate in the FMNP program.  **No of Lake County WIC participants who redeem the FMNP coupons**  **No of Lake County WIC participants who redeem the FMNP coupons**  **No of Lake County WIC participants who redeem the FMNP coupons**  **No of Lake County WIC participants who redeem the FMNP.**  **No of Lake County WIC participants who redeem the FMNP.**  **No of Lake County WIC participants who redeem the FMNP.**  **No of Lake County WIC participants who redeem the FMNP.**  **No of Lake County WIC participants who redeem the FMNP.**  **No of Lake County WIC participants who redeem the FMNP.**  **Call WIC participants who have received FM coupons to redeem them by October**  **October**  **Call WIC participants who have received FM coupons to redeem them by October**  **October**  **Pear 2 Activities Activities  **Activities  **Activities  **Distribute coupons to qualifying families.*  **Distribute coupons to qualifying families.*  **Identify new/ additional ways to promote FMNP.*  **Call WIC participants who have received FM coupons to redeem them by October**  **Population**  **Pear 3 Activities  **Activities  **Distribute coupons to qualifying families.*  **Population**  **Population*						
Lake-Geauga WIC  Existing WIC families eligible to participate in the FMNP program.  WIC participants who qualify for the FMNP program.  More Lake County WIC participants who redeem the FMNP coupons  FMNP  Call WIC Participants who have received FM coupons to participants who have received FM coupons to participants who have received FM coupons to postribute coupons to coupons to qualifying families.  Distribute coupons to qualifying families.  Identify new/ additional ways to promote FMNP.  Call WIC participants who have received FM coupons to redeem them by October  Distribute coupons to coupons to coupons to coupons to redeem them by October  Distribute coupons to coupons to coupons to redeem them by October  Distribute coupons to coupons to redeem them by October						
Lake-Geauga WIC  families eligible to participate in the FMNP program.  % of Lake County WIC participants who qualify for the FMNP program.  % of Lake County WIC participants who redeem the FMNP coupons  FMNP coupons  Call WIC Participants who have received FM Coupons to qualifying families.  Identify new/ additional ways to promote FMNP.  Call WIC Participants who have received FM coupons to coupons to coupons to qualifying families.  Identify new/ additional ways to promote FMNP.  Call WIC Participants who have received FM coupons to redeem them by October  by October						
MIC  families eligible to participate in the FMNP program.  % of Lake County WIC participants who redeem the FMNP coupons  FMNP coupons  Coupons to qualifying families.  Identify new/ additional ways to promote FMNP.  Call WIC participants who have received FM coupons to qualifying families.  Identify new/ additional ways to promote FMNP.  Call WIC participants who have received FM coupons to coupons to coupons to qualifying families.  Identify new/ additional ways to promote FMNP.  Call WIC participants who have received FM coupons to redeem them by October  Device of the promote promote promote promote promote promote participants who have received FM coupons to redeem them by October  Device of the promote						
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Plan for Year Plan for Year						
2. 3.						
Type of Strategy:						
Healthcare System and Access □ Public Health System, Prevention and Behaviors □ Social Determinants of Health/Community Conditions □						
Social Determinants of Health/Community Conditions ⊠  Policy Change Necessary for Strategy Success: Yes □ No ⊠						
Resources to Address Strategy: ODH-provided social media content, ODH WIC Farmer's Market						
Coordinators, Willoughby Market, Painesville Farmers Market, Eastlake Farmer's Market						
Addresses additional Priority Area: Yes 🗵 No 🗆						

Aligned to Ohio 2020-2022 SHIP: Yes ⋈ No ☐ Likely to Reduce Disparities: Yes ⋈ No ☐ Lead Agency Priority Population Success  LCGHD Pantries located in zip codes 44077 (census tracts 4500, 4200, 44092, 44095, and 44057 Pantries or enable successful policy implementation.  Type of Strategy:  Healthcare System and Access ☐ Public Health System, Prevention and Behaviors ⋈ Social Determinants of Health/Community Conditions ⋈ Priority Results (Pantries in Target Arctivities)  Likely to Reduce Disparities: Yes ⋈ No ☐ Likely to Reduce Disparities: Yes Zear 1 Activities	Strategy 3: Healthy Food Access in Food Pantries									
Aligned to Ohio 2020-2022 SHIP: Yes ⊠ No ☐ Likely to Reduce Disparities: Yes ⊠ No ☐ Lead Agency Priority Population Success Activities Activities Activities Iocated in zip codes 44077 (census tracts 4500, 4200, 4400, 4302), 44092, 44095, and 44057  Type of Strategy: Healthcare System and Access ☐ Public Health System, Prevention and Behaviors ☑ Social Determinants of Health/Community Conditions ☑ Policy Change Necessary for Strategy: Greater Cleveland Food Bank/Pantries in Target Artivities Not ☐ Likely to Reduce Disparities: Yes ☒ No ☐ Likely to Reduce Disparities: Activities Activities and Activitie	Objective: By D	Objective: By December 31, 2025, assist five Lake County food pantries with developing nutrition								
Lead Agency Priority Population Success	policies and pl									
Population   Success   Activities   Activities										
LCGHD Pantries   # of Policies   Identify food   Pantries   Implemented   Pantries   Implemented   Pantries in zip   Codes 44077   Coensus tracts   4500, 4200, 4400, 4302), 44092, 44095, and 44057   Pantries   Pantries	Lead Agency									
located in zip codes 44077   (census tracts 4500, 4200, 4400, 4302), 44092, 44095, and 44057   with additional resources to enable successful policy implementation.   Type of Strategy: Healthcare System and Access □ Public Health System, Prevention and Behaviors □ Policy Change Necessary for Strategy: Greater Cleveland Food Bank, Food Bank/Pantries in Target Ar activities with additional food insecurity index, engage stakeholders, assess existing policies, provide tools, and resources to enable successful policy implementation.   Type of Strategy:   Public Health System, Prevention and Behaviors □ Public Health System, Prevention and Behaviors □ Policy Change Necessary for Strategy Success: Yes □ No □   Resources to Address Strategy: Greater Cleveland Food Bank, Food Bank/Pantries in Target Ar		Population	Success		Activities	Activities				
Type of Strategy: Healthcare System and Access □ Public Health System, Prevention and Behaviors ☒ Social Determinants of Health/Community Conditions ☒ Policy Change Necessary for Strategy Success: Yes ☒ No □ Resources to Address Strategy: Greater Cleveland Food Bank, Food Bank/Pantries in Target Ar	LCGHD	located in zip codes 44077 (census tracts 4500, 4200, 4400, 4302), 44092, 44095, and 44057  Implemented per food pantry pantries in zip codes scoring higher on food insecurity index, engage stakeholders, assess existing policies, provide tools, and resources to enable successful policy implementation.  Implemented pantries in zip codes scoring higher on food insecurity index, engage stakeholders, assess existing policies, provide tools, and resources to enable successful policy implementation.								
Addresses additional Priority Area: Yes ⊠ No □	Type of Strategy:  Healthcare System and Access □ Public Health System, Prevention and Behaviors ⊠  Social Determinants of Health/Community Conditions ⊠  Policy Change Necessary for Strategy Success: Yes ⊠ No □  Resources to Address Strategy: Greater Cleveland Food Bank, Food Bank/Pantries in Target Areas, United Way of Lake County, University Hospitals, Faith-based Organizations									

Strategy 4: Access to Tobacco Cessation Services							
Objective: By December 31, 2025, increase the number of referrals by 10% for tobacco cessation							
programs either through providers, the Ohio Tobacco Quitline or My Life My Quit.							
Aligned to Ohi	o 2020-2022 SHIF	P: Yes ⊠ No □	Likely to Reduc	e Disparities: Ye	s ⊠ No □		
Lead Agency	Priority	Measure of Success	Year 3				
	Population		Activities	Activities	Activities		
with behavioral health issues, Individuals with low Socioeconomic status, and LGBTQ+ individuals in zip codes all throughout Lake County  Lake Count							
			results.				
Type of Strategy: Healthcare System and Access ⊠ Public Health System, Prevention and Behaviors ⊠							
Social Determinants of Health/Community Conditions □							
Policy Change Necessary for Strategy Success: Yes ⊠ No □							
Resources to Address Strategy: Ohio Tobacco Quitline, My Life My Quit, Lake Geauga Recovery							
	•	Cleveland Clinic, NAM	•		-		
		ce County Volunteer N	etwork, Windson	r LaurelWood, Si	gnature Health		
Addresses add	Addresses additional Priority Area: Yes ⊠ No □						

Strategy 5: Tobacco Retail Licensing									
-	Objective: By December 31, 2025, pass and implement a tobacco retail license ordinance in one								
	municipality in Lake County.								
		IIP: Yes ⊠ No □	Likely to Reduce I						
Lead Agency	Priority	Measure of	Year 1 Activities	Year 2	Year 3				
	Population	Success		Activities	Activities				
LCGHD	Tobacco users ages 11-18 located in zip codes throughout Lake County Lake County  Lake County  Tobacco users ages 11-18 located in zip codes throughout Lake County  Lake County  Lake County  Tobacco users ages 11-18 located in zip codes throughout Lake County  Lake County  Tobacco Implemented  Identify largest city in Lake County that has the highest population of residents, identify stakeholders, existing polices in other Ohio cities, provide tools, and resources to enable successful policy implementation.								
Type of Strategy: Healthcare System and Access □ Public Health System, Prevention and Behaviors ⊠									
Social Determinants of Health/Community Conditions 🗵									
Policy Change Necessary for Strategy Success: Yes 🗵 No 🗆									
Resources to A	Address Strategy	: Tobacco21, Existing / Mayors and Manage	tobacco retail licen	se cities in Ohio	American				
		rea: Yes $oxtimes$ No $oxtimes$							

## General Indicators of Health Status

In addition to indicators noted above for priorities and factors, LCGHD also tracks the following indicators of community health status not tied to specific strategies.

Indicator	Data Source	Baseline Year	Baseline Value
Days fair/poor health	County Health Rankings	2019	17%
Poor physical health days in past 30 days	County Health Rankings	2019	4
Frequent physical distress (% 14+ days/month)	County Health Rankings	2019	12%
Life expectancy	County Health Rankings	2018-2020	78.2
Premature age adjusted mortality (Deaths under 75 per 100,000	County Health Rankings	2018-2020	360
Years Potential Life Lost	County Health Rankings	2018-2020	7,200
Child mortality (deaths under 18 per 100,000)	County Health Rankings	2017-2020	30
Infant mortality (infant deaths <1 year per 1,000 live births)	County Health Rankings	2014-2020	4

### **Progress Reporting and Plan Revision**

Lead organizations will convene partners and meet as appropriate, in order to guide implementation and monitor progress towards their identified strategy. Process measures, which have been identified for each included strategy, will be monitored by the lead organization on a progress update work plan during the course of strategy implementation. Lake County General Health District will retain responsibility for the annual monitoring of secondary data sources identified as indicators in each priority area, and will identify new and emerging data trends occurring throughout the this plan cycle.

All 2023-2025 Lake County Community Health Improvement Plan partner organizations, community stakeholders, and interested community members will meet quarterly to report progress toward identified strategies, discuss opportunities to revise or enhance current strategies, and review any emerging Lake County health trends. Annually, the group will review emerging Lake County health data, collected either by a partner organization or as part of the annual progress update, and determine if revisions to priority areas or selected strategies is warranted.

For more information about this plan, please contact:

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# Appendix I: Gaps and Strategies

The following table indicates Lake County gaps related to access to care, community conditions, mental health & substance use and misuse, and chronic disease compiled by the Lake County CHIP planning group. Potential strategies to address were also identified, and included in this CHIP when feasible.

Community Condition Gaps	Strategies
Inflation- rising costs of goods, services- new definition of "working poor"  Students behind in school due to pandemic (Kindergarten readiness)  Access to Care Gaps	<ul> <li>Advertise linkage to available services</li> <li>Unite Us platform</li> <li>Newborn home visiting</li> <li>Early Head Start</li> <li>Crossroads Health parenting programs</li> <li>Free book programs (Dolly Parton Imagination Library)</li> <li>Strategies</li> </ul>
People not getting recommended based on ages (ex. mammogram, colonoscopy)  Healthcare providers not reflecting diversity of community  Workforce shortage in all areas of healthcare (Smaller organizations cannot compete with larger institutions)  High deductible insurance plans make routine care unaffordable  Transportation (Tripoint Hospital not on bus route)	<ul> <li>Community education</li> <li>Transportation assistance, esp. for colonoscopies</li> <li>Institutions seek diversity applicants</li> <li>Provide cultural competency training</li> <li>Increase staff wellness activities</li> <li>Raise salaries</li> <li>Advocate for more affordable healthcare coverage for all</li> <li>Apply for grants for transportation gift cards</li> <li>Laketran Dial-a-Ride</li> <li>Transportation from Medicaid/managed care providers</li> </ul>
Mental Health & Substance Use and Misuse Gaps	Strategies
Severe clinician shortage	<ul> <li>Raise pay rate for Master's level clinicians</li> <li>Targeted group work with clients</li> </ul>
Shortage of LISWs	<ul> <li>Seek grants to provide counseling services at no charge to clients.</li> </ul>
Inadequate screenings for suicide risk	<ul> <li>Provide expanded training to primary care physicians, school personnel</li> </ul>
Lack of resources to address anxiety since pandemic	<ul> <li>Add screening tools for physicians.</li> <li>Promote other stress management activities (exercise, yoga, medication, etc.)</li> </ul>
Increased number of youth with social/emotional issues coming out of pandemic	<ul><li>Mentoring programs</li><li>Grant collaborations</li></ul>
Most private/commercials insurance plans do not provide comprehensive coverage for behavioral health	<ul> <li>Advocate for more comprehensive coverage</li> <li>Promote entities that offer sliding-scale services</li> <li>Promote telehealth options that may be available</li> </ul>

Chronic Disease Gaps	Strategies
Specialized diets to counteract chronic disease- lack of access to appropriate foods	<ul> <li>Specialized food boxes at food pantries for diet requirements (ex. diabetes)</li> <li>Food pantries stock healthier foods</li> </ul>
Lack of access to fresh fruits and vegetables	<ul> <li>WIC Farmer's Market Nutrition Program</li> <li>Existing Farmer's Markets</li> <li>Food Pantries (partnering with Greater Cleveland Food Bank for produce)</li> <li>Lake County Mobile Food Pantry</li> <li>SNAP</li> <li>Community gardens</li> </ul>
Lack of preventive care	<ul> <li>Community screening events</li> <li>Make sure insured individuals (private or public) understand benefits available</li> </ul>
Lack of knowledge/understanding of how vaping products will affect health	<ul> <li>Community/school education</li> <li>Tobacco-free policies</li> <li>Ask, Advise, Refer training for school personnel, healthcare providers</li> <li>Tobacco Retail Licensing</li> </ul>