

DELIVERED BY:



# 2024-2026 COMMUNITY HEALTH IMPROVEMENT PLAN

## BUTLER COUNTY AND THE CITIES OF HAMILTON & MIDDLETOWN, OHIO

MAY 2024

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# A LETTER FROM THE HEALTH COMMISSIONERS

Butler County General Health District, City of Hamilton Health Department, and City of Middletown Health Department strive to bring people and organizations together to improve community wellness. The community health assessment and improvement plan process is one way we can live out our mission. To fulfill this mission, we must be intentional about understanding the health issues that impact residents and work together to create a healthy community.



A primary component of creating a healthy community is assessing and prioritizing needs for impact, and then addressing those needs. In 2023, Butler County General Health District, City of Hamilton Health Department, and City of Middletown Health Department conducted a comprehensive Community Health Assessment (CHA) to identify priority health issues and evaluate the overall current health status of the health departments' service area. These findings were then used to develop a Community Health Improvement Plan (CHIP) to describe the response to the needs identified in the CHA report. This CHIP report was adopted by leadership of the three health departments in May 2024.

The 2024-2026 CHIP report is the second of these reports released, all following a CHA. We want to provide the best possible care for our residents, and we can use this report to guide us in our strategic planning concerning future programs, clinics, and health resources.

The CHIP would not have been possible without the help of numerous organizations. It is vital that assessments such as this continue so that we can know where to direct our resources and use them in the most advantageous ways.

More importantly, the possibility of this report relies solely on the participation of individuals in our community who committed to participating in interviews and completing health need prioritization surveys. We are grateful for those individuals who are committed to the health of the community, as we are, and take the time to share their health concerns, needs, praises, and behaviors.

The work of public health is a community job that involves individual facets, including our community members, working together to be a thriving community of health and well-being at home, work, and play.

Sincerely,

**Eric Balster**  
Health Commissioner  
Butler County General Health District

**Cindy Hogg**  
Health Commissioner  
City of Hamilton Health Department

**Jackie Phillips Carter**  
Health Commissioner  
City of Middletown Health Department



# ACKNOWLEDGEMENTS



This Community Health Improvement Plan (CHIP) was made possible thanks to the collaborative efforts of Butler County General Health District, City of Hamilton Health Department, and City of Middletown Health Department, community partners, local stakeholders, non-profit partners and community residents (listed below). Their contributions, expertise, time and resources played a critical part in the completion of this strategic plan.

## BUTLER COUNTY AND THE CITIES OF HAMILTON AND MIDDLETOWN HEALTH DEPARTMENTS WOULD LIKE TO RECOGNIZE THE FOLLOWING INDIVIDUALS AND ORGANIZATIONS FOR THEIR CONTRIBUTIONS TO THIS REPORT:

American Heart Association  
Badin High School  
Berkeley Square  
Bradford Place  
Butler County Board of Commissioners  
Butler County Board of Developmental Disabilities  
Butler County Educational Service Center  
Butler County Emergency Management Agency  
Butler County Medical Reserve Corps  
Butler County Mental Health and Addiction Recovery Services  
Butler County Regional Transit Authority  
Butler County Township Association  
Butler County United Way  
Caracole  
CareSource  
Centerhaven

Centerpoint Health  
Cincinnati Children's Hospital  
City of Hamilton  
City of Hamilton Fire Department  
City of Hamilton Police Department  
Community First Solutions  
Council on Aging of Southwestern Ohio  
DeCoach Rehabilitation Center  
Envision Partnerships  
Fairfield Township Fire Department  
Family & Children First Council  
Fort Hamilton Hospital  
Gateway Springs  
Hamilton City Schools  
Hamilton Community Foundation  
Interact for Health  
Kettering Health  
Miami University  
Middletown City Schools  
Middletown Connect  
Middletown Community Foundation

MidPointe Library System  
New Path  
Oxford Coalition  
Pause for Parents, Play for Kids  
Prevention First  
Partnership to Reduce Infant Mortality (PRIM)  
Premier Health/Atrium Hospital  
Primary Health Solutions  
Residence at Huntington Court  
Safety Council of Southern Ohio  
S.E.L.F.  
Serve City  
Sojourner Recovery  
Sonida Living  
Trenton Police Department  
University of Cincinnati Health West Chester Hospital  
West Chester Board of Trustees  
Westover  
Woodlands of Hamilton  
YWCA

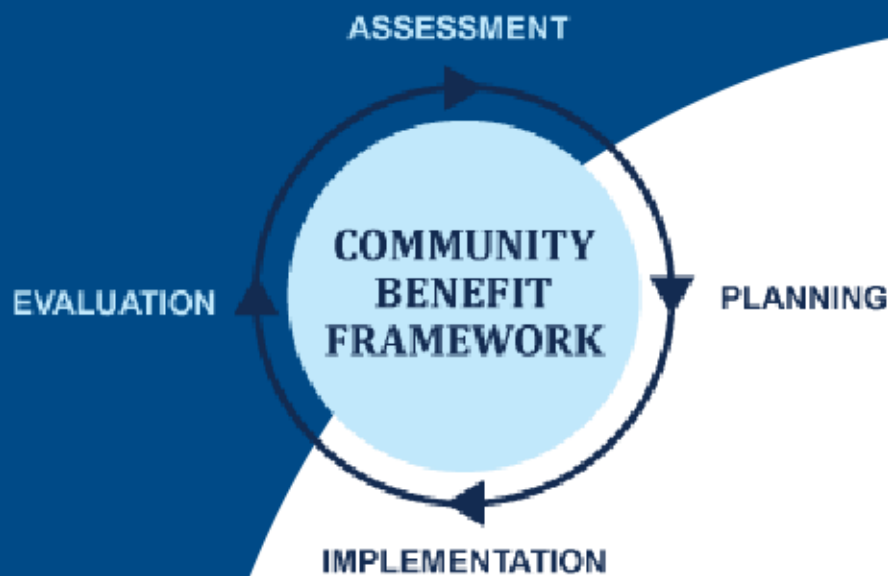
The 2024-2026 Community Health Improvement Plan (CHIP) report was prepared by Moxley Public Health, LLC, ([www.moxleypublichealth.com](http://www.moxleypublichealth.com)) an independent consulting firm that works with hospitals, health departments, and other community-based nonprofit organizations both domestically and internationally to conduct Community Health Assessments (CHAs)/Community Health Needs Assessments/CHNAs and Community Health Improvement Plans (CHIPs)/Implementation Strategies.





## INTRODUCTION

# WHAT IS A COMMUNITY HEALTH IMPROVEMENT PLAN (CHIP)?



A **Community Health Improvement Plan (CHIP)** is part of a framework that is used to guide community benefit activities - policy, advocacy, and program-planning efforts. The CHIP is a county-wide collaborative health plan developed for Butler County and the cities of Hamilton and Middletown. Butler County General Health District, City of Hamilton Health Department, and City of Middletown Health Department are the lead agencies in coordinating and guiding this process. The plan is an effort to utilize existing resources and to develop new collaborations in order to improve the health of our residents.

# OVERVIEW OF THE PROCESS



In order to develop a Community Health Improvement Plan (CHIP), Butler County General Health District, City of Hamilton Health Department, and City of Middletown Health Department followed a process that included the following steps:

**STEP 1:** Plan and prepare for the CHIP.

**STEP 2:** Develop goals/objectives and identify indicators to address health needs.

**STEP 3:** Consider approaches/strategies to address prioritized needs, health disparities, and social determinants of health.

**STEP 4:** Select approaches with community partners.

**STEP 5:** Integrate CHIP with community partners and health department plans.

**STEP 6:** Develop a written CHIP.

**STEP 7:** Adopt the CHIP.

**STEP 8:** Update and sustain the CHIP.

Within each step of this process, the guidelines and requirements of both the state and federal governments are followed precisely and systematically.

**THE 2024-2026 CHIP MEETS ALL OHIO DEPARTMENT OF HEALTH AND  
PUBLIC HEALTH ACCREDITATION BOARD (PHAB) REGULATIONS.**

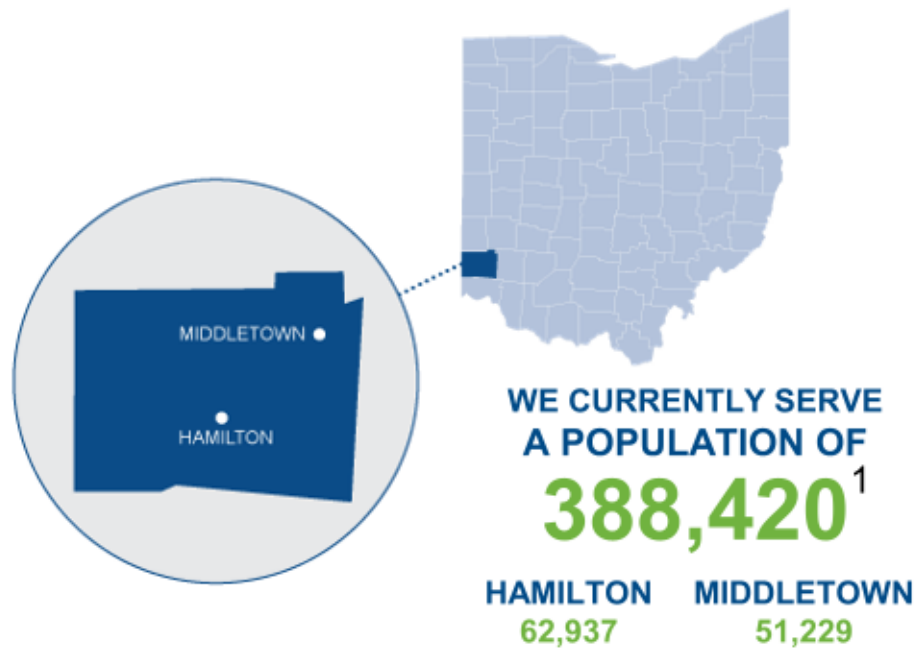


Image: Rural Butler County, Ohio

# DEFINING THE BUTLER COUNTY SERVICE AREAS



For the purposes of this report, Butler County General Health District, City of Hamilton Health Department, and City of Middletown Health Department define their primary service areas as being made up of Butler County, Ohio (including the cities of Hamilton and Middletown). The CHA and this resulting Community Health Improvement Plan (CHIP) identify and address significant community health needs and help guide community benefit activities. This CHIP plans to address the selected priority health needs identified by the CHA.



BUTLER COUNTY SERVICE AREA	
ZIP CODE	
45003	45050
45005	45053
45011	45056
45013	45064
45014	45067
45015	45069
45030	45241
45040	45311
45042	47060
45044	

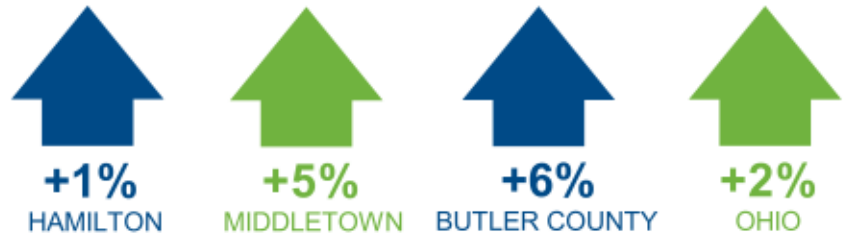


# BUTLER COUNTY AT-A-GLANCE

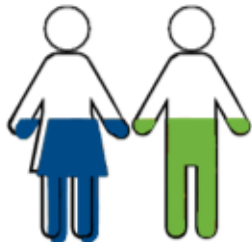


THE POPULATION OF BUTLER COUNTY INCREASED  
AT A FASTER RATE THAN OHIO SINCE 2010<sup>1</sup>

MIDDLETOWN'S POPULATION INCREASED BY 5% AND  
HAMILTON'S INCREASED BY 1% DURING THIS TIME PERIOD<sup>1</sup>



THE % OF MALES AND  
FEMALES IS  
APPROXIMATELY EQUAL<sup>3</sup>



50.5% 49.5%



**5%**  
OF BUTLER COUNTY  
RESIDENTS ARE  
VETERANS,  
APPROXIMATELY  
EQUAL TO THE  
STATE RATE<sup>4</sup>

OVER HALF OF VETERANS  
IN THE SERVICE AREA  
ARE AGED 65+<sup>4</sup>



YOUTH AGES 0-19 AND  
SENIORS 65+ MAKE UP  
**39% OF THE  
POPULATION**

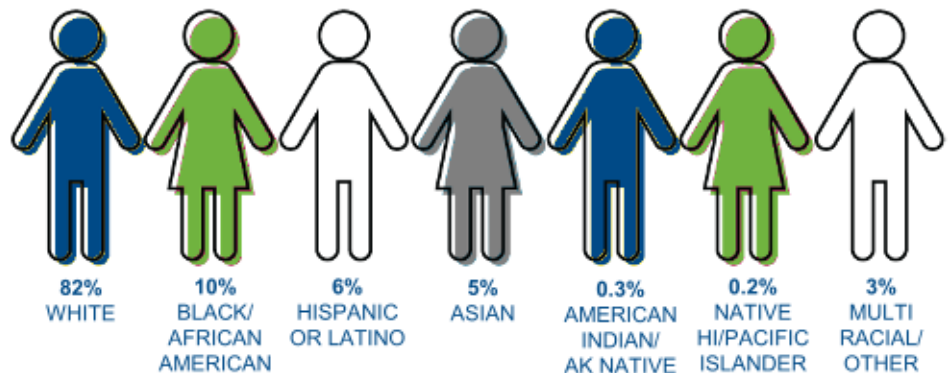
IN THE BUTLER COUNTY  
SERVICE AREA<sup>5</sup>

16% OF BUTLER COUNTY RESIDENTS  
ARE AGE 65+, WHILE THIS IS HIGHER  
IN MIDDLETOWN AT 18%<sup>6</sup>

THE MAJORITY (82%) OF THE POPULATION IN BUTLER COUNTY IDENTIFIES AS WHITE AS  
THEIR ONLY RACE, WHILE THERE ARE SIZABLE POPULATIONS OF BLACK, HISPANIC, AND  
ASIAN RESIDENTS. MIDDLETOWN HAS A HIGHER PROPORTION OF BLACK RESIDENTS  
(12%), WHILE HAMILTON HAS A HIGHER PROPORTION OF HISPANIC RESIDENTS (9%)<sup>1</sup>



91% OF THE POPULATION IN THE BUTLER  
COUNTY SERVICE AREA SPEAKS ONLY  
ENGLISH AND 7% ARE FOREIGN-BORN.  
HAMILTON AND MIDDLETOWN HAVE LOWER  
PROPORTIONS OF NON-ENGLISH SPEAKERS  
AND FOREIGN-BORN RESIDENTS<sup>7</sup>



IN BUTLER COUNTY, 9,100  
YEARS OF LIFE WERE  
LOST TO DEATHS OF  
PEOPLE UNDER AGE 75,  
PER 100,000, HIGHER  
THAN THE 8,700 FOR OHIO<sup>9</sup>



1 IN 238 BUTLER  
COUNTY RESIDENTS  
WILL DIE PREMATURELY,  
THE SAME AS THE OHIO  
STATE RATE<sup>9</sup>



BUTLER COUNTY IS RANKED  
#37 OUT OF 88 FOR THE  
HEALTHIEST COUNTIES IN  
OHIO (1 BEING THE BEST,  
88 BEING THE WORST)  
BASED ON HEALTH FACTORS  
THAT WE CAN MODIFY<sup>9</sup>

# STEP 1 PLAN AND PREPARE FOR THE COMMUNITY HEALTH IMPROVEMENT PLAN (CHIP)



**IN THIS STEP, BUTLER  
COUNTY GENERAL HEALTH  
DISTRICT, CITY OF HAMILTON  
HEALTH DEPARTMENT, AND  
CITY OF MIDDLETOWN  
HEALTH DEPARTMENT:**

- DETERMINED WHO WOULD PARTICIPATE IN THE DEVELOPMENT OF THE CHIP
- ENGAGED BOARD AND EXECUTIVE LEADERSHIP
- REVIEWED COMMUNITY HEALTH ASSESSMENT



Image: Butler County, Ohio Courthouse (located in the City of Hamilton, Ohio)

# PLAN AND PREPARE FOR THE 2024-2026 COMMUNITY HEALTH IMPROVEMENT PLAN (CHIP)

The 2023 Community Health Assessment (CHA) for Butler County and the cities of Middletown and Hamilton, Ohio was developed through a collaborative process of collecting and analyzing data, involving many sectors of the community. The three area health departments partnered with local government, for-profits, non-profits, community foundations, health care providers, academia, and area agencies, and ensured the representation of populations that are at higher health risk or have poorer health outcomes. These community partners formed the CHA Advisory Committee and met regularly from January through June 2023. Using the MAPP process, the Committee has highlighted areas for improvement, identified resources, and set the stage to adopt priorities and policies and develop plans to address community health outcomes.

Secondary and primary data were collected to complete the 2023 CHA report. (Available at [https://health.bcoho.gov/about\\_us/community\\_health\\_assessment.php](https://health.bcoho.gov/about_us/community_health_assessment.php)).

Secondary data were collected from a variety of local, county and state sources to present community demographics, social determinants of health, health care access, birth characteristics, leading causes of death, chronic disease, health behaviors, mental health, substance use, and preventive practices. The analysis of secondary data yielded a preliminary list of significant health needs, which then informed primary data collection.

Primary data was collected through a survey, focus groups, and a Forces of Change Assessment and SWOT Analysis. There were **907** responses to the 2023 CHA Survey from community members. There were **2** focus groups held across the county, representing a total of 33 community members. The primary data collection process was designed to validate secondary data findings, identify additional community issues, solicit information on disparities among subpopulations, ascertain community assets potentially available to address needs and prioritize health needs. More detail on methodology can be found in the 2023 CHA Report.

“The community health improvement plan (CHIP) deals with the “how and when” of addressing needs. While the community health assessment considers the “who, what, where and why” of community health needs, the CHIP takes care of the how and when components.”



## STEP 2

# DEVELOP GOALS AND OBJECTIVES AND IDENTIFY INDICATORS FOR ADDRESSING COMMUNITY HEALTH NEEDS



**IN THIS STEP, BUTLER  
COUNTY GENERAL HEALTH  
DISTRICT, CITY OF HAMILTON  
HEALTH DEPARTMENT, AND  
CITY OF MIDDLETOWN  
HEALTH DEPARTMENT:**

- DEVELOPED GOALS FOR THE COMMUNITY HEALTH IMPROVEMENT PLAN (CHIP) BASED ON THE FINDINGS FROM THE CHA
- SELECTED INDICATORS TO ACHIEVE GOALS

# PRIORITY HEALTH NEEDS GOALS, OBJECTIVES, AND INDICATORS

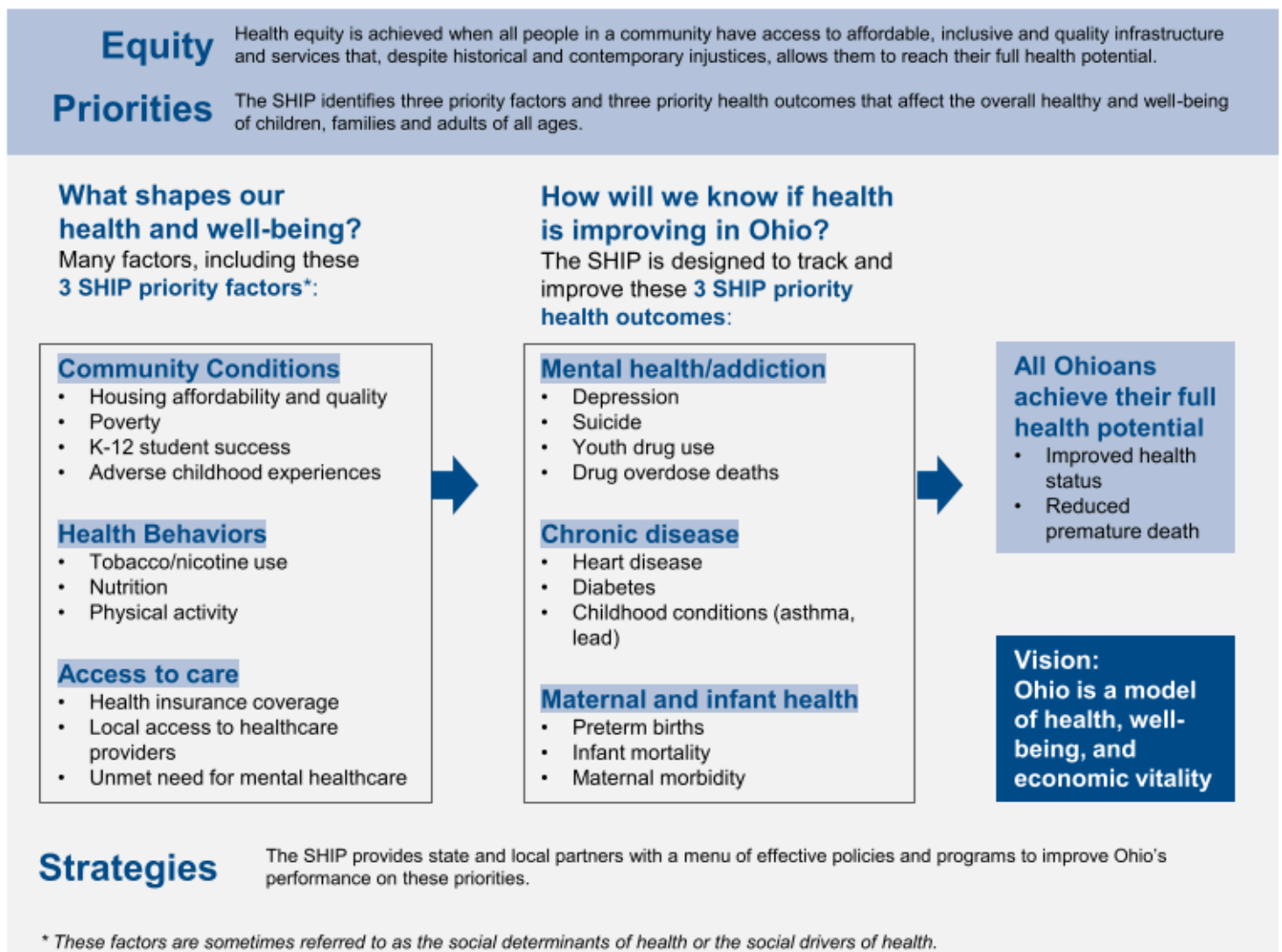
## Ohio Department of Health (ODH) Requirements

The following image shows the framework from ODH that this report followed while also adhering to federal requirements and the community's needs.

Butler County General Health District, City of Hamilton Health Department, and City of Middletown Health Department desired to align with the priorities and indicators of the Ohio Department of Health (ODH). To do this, they used the following guidelines when prioritizing the health needs of their community.

First, the health departments used the same language as the state of Ohio when assessing the factors and health outcomes of their community in the 2023 Community Health Assessment.

**Figure 1: Ohio State Health Improvement Plan (SHIP) Framework**



Next, with the data findings from the community health needs assessment process, Butler County General Health District, City of Hamilton Health Department, and City of Middletown Health Department used the following guidelines/worksheet to choose priority health factors and priority health outcomes. Using the guidance from ODH's State Health Improvement Plan (SHIP) strengthened the ability to align with the state in order to strengthen the efforts to improve the health, well-being, and economic vitality of both the Butler County service areas and the state of Ohio (worksheet/guidelines continued to next page).

## ALIGNMENT WITH PRIORITIES AND INDICATORS

Figure 3. Alignment with priorities and indicators

**STEP 1** Identify at least one priority factor and at least one priority health outcome

PRIORITY FACTORS	PRIORITY HEALTH OUTCOMES
<input checked="" type="checkbox"/> Community Conditions (strongly recommended)	<input checked="" type="checkbox"/> Mental Health and Addiction
<input checked="" type="checkbox"/> Health Behaviors	<input checked="" type="checkbox"/> Chronic Disease
<input checked="" type="checkbox"/> Access to Care	<input checked="" type="checkbox"/> Maternal and Infant Health

**STEP 2** Select at least 1 indicator for each identified priority factor

PRIORITY FACTORS	
COMMUNITY CONDITIONS	
TOPIC	INDICATOR NAME*
Housing affordability and quality	<input type="checkbox"/> CC1. Affordable and Available Housing Units
Poverty	<input type="checkbox"/> CC2. Child Poverty
	<input type="checkbox"/> CC3. Adult Poverty
K-12 student success	<input type="checkbox"/> CC4. Chronic Absenteeism (K-12 students)
	<input type="checkbox"/> CC5. Kindergarten Readiness
Adverse childhood experiences	<input checked="" type="checkbox"/> CC6. Adverse Childhood Experiences (ACEs)
	<input checked="" type="checkbox"/> CC7. Child Abuse and Neglect
HEALTH BEHAVIORS	
TOPIC	INDICATOR NAME*
Tobacco/nicotine use	<input checked="" type="checkbox"/> HB1. Adult Smoking
	<input checked="" type="checkbox"/> HB2. Youth All-Tobacco/Nicotine Use
Nutrition	<input checked="" type="checkbox"/> HB3. Youth Fruit Consumption
	<input checked="" type="checkbox"/> HB4. Youth Vegetable Consumption
Physical Activity	<input checked="" type="checkbox"/> HB5. Child Physical Activity
	<input checked="" type="checkbox"/> HB6. Adult Physical Activity
ACCESS TO CARE	
TOPIC	INDICATOR NAME*
Health Insurance Coverage	<input type="checkbox"/> AC1. Uninsured Adults
	<input type="checkbox"/> AC2. Uninsured Children
Local Access to Healthcare Services	<input type="checkbox"/> AC3. Primary Care Health Professional Shortage Areas
	<input checked="" type="checkbox"/> AC4. Mental Health Professional Shortage Areas
Unmet Need for Mental Health Care	<input checked="" type="checkbox"/> AC5. Youth Depression Treatment Unmet Need
	<input checked="" type="checkbox"/> AC6. Adult Mental Health Care Unmet Need



# ALIGNMENT WITH PRIORITIES AND INDICATORS (CONTINUED)

**STEP 2 CONTINUED** Select at least 1 indicator for each identified priority factor

PRIORITY HEALTH OUTCOMES	
MENTAL HEALTH AND ADDICTION	
TOPIC	INDICATOR NAME*
Depression	<input checked="" type="checkbox"/> MHA1. Youth Depression
	<input checked="" type="checkbox"/> MHA2. Adult Depression
Suicide Deaths	<input checked="" type="checkbox"/> MHA3. Youth Suicide Deaths
	<input checked="" type="checkbox"/> MHA4. Adult Suicide Deaths
Youth Drug Use	<input checked="" type="checkbox"/> MHA5. Youth Alcohol Use
	<input checked="" type="checkbox"/> MHA6. Youth Marijuana Use
Drug Overdose Deaths	<input checked="" type="checkbox"/> MHA7. Unintentional drug overdose deaths
CHRONIC DISEASE	
TOPIC	INDICATOR NAME*
Heart Disease	<input checked="" type="checkbox"/> CD1. Coronary Heart Disease
	<input checked="" type="checkbox"/> CD2. Premature Death - Heart Disease
	<input checked="" type="checkbox"/> CD3. Hypertension
Diabetes	<input checked="" type="checkbox"/> CD4. Diabetes
Harmful Childhood Conditions	<input checked="" type="checkbox"/> CD5. Child Asthma Morbidity
	<input checked="" type="checkbox"/> CD6. Child Lead Poisoning
MATERNAL AND INFANT HEALTH	
TOPIC	INDICATOR NAME*
Preterm Births	<input checked="" type="checkbox"/> MIH1. Uninsured Adults
Infant Mortality	<input checked="" type="checkbox"/> MIH2. Infant Mortality
Maternal Morbidity/Mortality	<input checked="" type="checkbox"/> MIH3. Severe Maternal Morbidity



Image: City of Middletown, Ohio, downtown

# ADDRESSING THE HEALTH NEEDS



The 2023 Community Health Assessment (CHA) identified significant health needs from an extensive review of the primary and secondary data.

**The most important factors for a healthy community identified in the 2023 CHA Survey were:**

- #1** Access to health care
- #2** Low crime/safe neighborhoods
- #3** Affordable housing
- #4** Access to mental health and substance use treatment
- #5** Well-paying jobs
- #6** Access to food

To generate a final list of priority health needs to address in the 2024-2026 Community Health Improvement Plan, Butler County General Health District, City of Hamilton Health Department, and City of Middletown Health Department followed a process to prioritize health needs where they reviewed each of the significant health needs according to a set of criteria:

- **Organizational capacity** – Health departments have the capacity to address the issue.
- **Existing infrastructure** – Health departments have programs, systems, staff and support resources in place to address the issue.
- **Established relationships** – There are established relationships with community partners to address the issue.
- **Ongoing investment** – Existing resources are committed to the issue. Staff time and financial resources for this issue are counted as part of our community benefit effort/strategic plan.
- **Focus area** – Health departments have acknowledged competencies and expertise to address the issue and the issue fits with the organizational missions.



# ADDRESSING THE HEALTH NEEDS



From the significant health needs, Butler County General Health District, City of Hamilton Health Department, and City of Middletown Health Department chose health needs that considered the health department's capacity to address community needs, the strength of community partnerships, and those needs that correspond with the health department's priorities.

## THE 3 PRIORITY HEALTH NEEDS THAT WILL BE ADDRESSED IN THE 2024-2026 COMMUNITY HEALTH IMPROVEMENT PLAN (CHIP) ARE:

**Priority Area 1: Mental Health & Substance Misuse**

**Priority Area 2: Chronic Disease**

**Priority Area 3: Access to Healthcare**



Image: City of Hamilton, Ohio, downtown



## STEPS 3 & 4

# **CONSIDER AND SELECT APPROACHES/STRATEGIES TO ADDRESS PRIORITIZED NEEDS, HEALTH DISPARITIES, AND SOCIAL DETERMINANTS OF HEALTH WITH COMMUNITY PARTNERS**



### **IN THESE STEPS, BUTLER COUNTY GENERAL HEALTH DISTRICT, CITY OF HAMILTON HEALTH DEPARTMENT, AND CITY OF MIDDLETOWN HEALTH DEPARTMENT:**

- SELECTED APPROACHES/STRATEGIES TO ADDRESS BUTLER COUNTY SERVICE AREA PRIORITIZED HEALTH NEEDS, HEALTH DISPARITIES, AND SOCIAL DETERMINANTS OF HEALTH
- DEVELOPED A WRITTEN COMMUNITY HEALTH IMPROVEMENT PLAN (CHIP) REPORT

#1

# PRIORITY AREA MENTAL HEALTH & ADDICTION

Includes adverse childhood experiences (ACEs)



in Ohio with major depressive episodes in the past year did not receive mental health services<sup>10</sup>



in Ohio with major depressive episodes in the past year received some **consistent mental health services** (7+ visits)<sup>10</sup>



in Butler County\* have been diagnosed with **depression** by a mental health professional, compared to 20% for Ohio. Rates were higher for Middletown (26%) and Hamilton (25%)<sup>11</sup>



in both Butler County\* and Ohio experienced **frequent mental distress** (2+ weeks/month in the past year). Rates were higher for Middletown (19%) and Hamilton (18%)<sup>11</sup>



Butler County's\* suicide rate was 12.9 per 100,000 in 2017-2021, lower than the state rate of 14.8 per 100,000<sup>12</sup>



The **drug poisoning death rate** in Butler County\* was 49 per 100,000 from 2018-2020, **higher than the state** (38 per 100,000)<sup>12</sup>

## ALL POPULATIONS

Align existing County programs with eight dimensions of wellness to form a whole community approach to improving population wellness.

Utilize the Butler County Prevention Coalition and Addiction Taskforce for continued countywide strategy development.

Reduce written opioid prescriptions in Butler County by promoting opioid policy recommendations.

## ADULTS

Implement Naloxone education and distribution programs.

## PARENTS, CAREGIVERS, EDUCATORS, HEALTHCARE PROVIDERS, FIRST RESPONDERS, COMMUNITY & FAITH-BASED ORGANIZATIONS

Resource Assessment specifically targeted at parents and caregivers.

Develop a nurturing, resilient and trauma-informed community by providing ACEs training opportunities.

Envision Partnerships, Suicide Prevention Coalition

Butler County Mental Health and Addiction Recovery Services Board (BCMARS), Butler County Prevention Coalition & Addiction Taskforce

BCMARS, Butler County Prevention Coalition & Addiction Taskforce

Butler County General Health District, Butler County Prevention Coalition & Addiction Taskforce

Family and Children First Council (FCFC), Butler County Prevention Coalition & Addiction Taskforce

FCFC, Butler County Prevention Coalition & Addiction Taskforce

THESE STRATEGIES WILL POSITIVELY IMPACT ALL RESIDENTS, BUT DATA SHOWS THESE POPULATIONS ARE IN THE MOST NEED:

Children and youth, adults, older adults, low-income residents, Black/African American, Black, Hispanic, and Non-Hispanic White residents, LGBTQ+ residents, men, people experiencing homelessness



Youth in the service area will **significantly benefit**, as they are less likely to report being able to access help for mental health and substance use issues and may be greatly impacted by adverse childhood experiences early in life.

## DESIRED OUTCOMES OF STRATEGIES



Education and awareness on mental health



Mental health stigma



Access to mental health and substance abuse care and support

## OVERALL IMPACT OF STRATEGIES



Mental health



Quality of life



Substance abuse



Mental health and substance abuse emergency department visits and hospitalizations



Overdose deaths



Suicides



Psychological distress and depression

ALL BUTLER COUNTY, HAMILTON & MIDDLETOWN RESIDENTS ACHIEVE THEIR FULL HEALTH POTENTIAL

\*All Butler County level statistics include the Cities of Hamilton and Middletown.



City of Hamilton



# #2 PRIORITY AREA CHRONIC DISEASE

Includes nutrition and physical health, overweight and obesity, and food security



IN OUR COMMUNITY



of both Butler County\* and Ohio adults reported they have had a **stroke**. Rates are **higher** for Middletown and Hamilton (both 4%)<sup>13</sup>



of Butler County\* adults reported having had a **heart attack, angina, or coronary heart disease (the leading cause of death)**, compared to 8% for Ohio. Rates are **higher** for Middletown and Hamilton (both 7%)<sup>13</sup>



of Butler County\* adults have **diabetes**, compared to 12% for the state. Rates are **higher** for Middletown (12%) and Hamilton (11%)<sup>13</sup>



of Butler County\* adults have **chronic obstructive pulmonary disease (COPD)**, compared to 9% for Ohio. Rates are **higher** for Middletown (10%) and Hamilton (9%)<sup>13</sup>



of Butler County\* adults have **asthma**, compared to 11% for Ohio. Rates are **higher** for Middletown and Hamilton (both 11%)<sup>13</sup>

CANCER IS THE SECOND LEADING CAUSE OF DEATH IN BUTLER COUNTY\*, WHILE THE OVERALL INCIDENCE PER 100,000 IS SLIGHTLY LOWER THAN OHIO<sup>14</sup>

**452** **BUTLER\*** **461** **OHIO**

STRATEGIES

## SCHOOL AGE CHILDREN (5-18 YEARS)

Lower heart disease and diabetes rates by getting kids involved in physical activity and healthy eating programs (go through children to change parents).

## ADULTS AGE 35+

Lower Cardiovascular Disease rates and improve screening and management.

## BLACK RESIDENTS, HISPANIC OR LATINO RESIDENTS, OLDER ADULTS, LOWER INCOME RESIDENTS, PEOPLE WITH A DISABILITY, SEXUAL AND GENDER MINORITIES, CHILDREN AND YOUTH, INDIVIDUALS USING FOOD PANTRIES

Establish a Chronic Disease Prevention Workgroup to increase cross-sector collaboration on chronic disease prevention.

Develop a campaign to promote healthy food donations to food pantries.

PARTNERS

Butler County Educational Service Center (BCESC), Butler County General Health District (BCGHD), City of Middletown Health Department (CMHD), City of Hamilton Health Department (CHHD), Family and Children First Council (FCFC), Women, Infants and Children (WIC), Cincinnati Children's Hospital, business community, food banks

BCGHD, CMHD, CHHD, Federally Qualified Health Centers (FQHCs), Hospital Systems, Case Managers

BCGHD, CMHD, CHHD

BCGHD, CMHD, CHHD, Shared Harvest Food Bank, Fairfield Church of God, Fairfield Food Pantry, Hamilton Lighthouse Fellowship Food Pantry, Salvation Army – Hamilton & Middletown

POPULATIONS

THESE STRATEGIES WILL POSITIVELY IMPACT ALL RESIDENTS, BUT DATA SHOWS THESE POPULATIONS ARE IN THE MOST NEED:

Children and youth, adults, older adults, low-income residents, Black/African American, Multiracial, Latino/a, Asian, American Indian and Alaska Native, and Native Hawaiian and Pacific Islander residents, LGBTQ+ residents



Older adult residents in the service area will **significantly benefit**, as they are at a higher risk of developing many chronic conditions.

OUTCOMES

## DESIRED OUTCOMES OF STRATEGIES

↑ Education on chronic diseases & risk factors

↑ Chronic disease prevention, screening & management

↓ Sedentary youth & adults

↑ Opportunities for physical activity

↓ Food insecurity

↑ Nutrition, including fruit and vegetable consumption

## OVERALL IMPACT OF STRATEGIES

↑ Mental and physical health

↑ Quality of life

↑ Health status

↓ Overweight & obesity

↓ Chronic disease

↓ Premature mortality

ALL BUTLER COUNTY, HAMILTON & MIDDLETOWN RESIDENTS ACHIEVE THEIR FULL HEALTH POTENTIAL

\*All Butler County level statistics include the Cities of Hamilton and Middletown.



# #3 PRIORITY AREA MATERNAL & INFANT HEALTH



IN OUR COMMUNITY



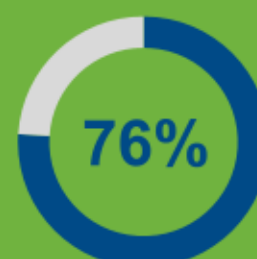
of births in Butler County\* and Ohio are pre-term<sup>15</sup>



of infants in Butler County\* are low birth weight, compared to 9% for Ohio<sup>15</sup>



of pregnant women in Butler County\* receive on-time (first trimester) prenatal care, compared to 69% for Ohio<sup>15</sup>



of Butler County\* infants were breastfed at discharge, compared to 77% for Ohio<sup>15</sup>



Butler County's\* **infant mortality rate** in 2022 was 4.9 per 1,000 live births (a **sharp decrease** from prior years), compared to 7 per 1,000 for Ohio<sup>15</sup>



The **maternal mortality rate** in Butler County\* was 58 per 100,000, compared to 48 per 100,000 for Ohio<sup>15</sup>

STRATEGIES

PARTNERS

POPULATIONS

OUTCOMES

## ALL IDENTIFIED PRIORITY POPULATIONS

Increase Local Health Department collaboration with Infant Vitality Commission.

Butler County General Health District (BCGHD), City of Middletown Health Department (CMHD), City of Hamilton Health Department (CHHD)

## WOMEN

Maternal health education:

1. Urgent maternal warning signs
2. Hypertension awareness
3. Reproductive health education
4. Oral health.

BCGHD, Women, Infants and Children (WIC), Butler County Educational Service Center (BCESC), CareSource, University of Cincinnati Medical Center West Chester Hospital

## ALL MOTHERS/EXPECTANT MOTHERS, BLACK MOTHERS AND EXPECTANT MOTHERS

Connecting to services through community partnerships.

BCESC, BCGHD, CMHD, CHHD, Partnership to Reduce Infant Mortality (PRIM), WIC, NyNi Inc. Maternal Health and Infant Care, 211, Crib for Kids

Expand access to Doula services pre- and post- partum.

BCESC, NyNi Inc. Maternal Health and Infant Care, Community Doulas, Queens Village Butler County (QVBC)

Introduce Mama Certified policy in Butler County Hospitals to promote equitable maternal and infant care.

BCGHD, WIC, BCESC, QVBC

THESE STRATEGIES WILL POSITIVELY IMPACT ALL RESIDENTS, BUT DATA SHOWS THESE POPULATIONS ARE IN THE MOST NEED:

Women, low-income residents, Black/African American, Multiracial, Latino/a, Asian, American Indian and Alaska Native, and Native Hawaiian and Pacific Islander residents, LGBTQ+ residents, rural residents



Black/African women and infants in the service area will **significantly benefit**, as experience the highest rates of maternal mortality, morbidity, infant mortality, and other negative health outcomes related to maternal and infant health.

## DESIRED OUTCOMES OF STRATEGIES



Access to pre- and post-natal care



Access to primary care, screening, and routine checkups



Access to culturally and linguistically appropriate care



Breastfeeding



Delayed care

## OVERALL IMPACT OF STRATEGIES



Health status



Quality of life



Unmet care needs



Infant mortality



Maternal mortality and morbidity



Low birth weight and pre-term births

ALL BUTLER COUNTY, HAMILTON & MIDDLETOWN RESIDENTS ACHIEVE THEIR FULL HEALTH POTENTIAL

\*All Butler County level statistics include the Cities of Hamilton and Middletown.



Public Health  
Butler County  
General Health District



City of Hamilton  
HEALTH DEPARTMENT



MIDDLETOWN  
City of Middletown Health Department





# CURRENT RESOURCES

## ADDRESSING PRIORITY HEALTH NEEDS



Information was gathered on assets and resources that currently exist in the community. This was done using feedback from the community and an overall assessment of the service area. While this list strives to be comprehensive, it may not be complete.

### Disabilities

Abilities First  
Butler County Board of Developmental Disabilities  
Butler County Educational Service Center (BCESC) Help  
Me Grow (Birth to 3)  
Pause (Family Support/ Respite)  
Wraparound (Multi-System Youth)

### Education

Aspire  
BCESC Head Start/Preschool  
Butler Tech (Adult & Teen Education)  
Catholic Charities (Parent Education)  
Edgewood City School District  
Fairfield City School District  
Hamilton City School District  
Lakota Local School District  
Lane Community Technology Center  
Madison Local School District  
Miami University  
Middletown City Schools  
Monroe Local School District  
New Miami Local Schools  
Ohio State Univ. Extension (Nutrition Education)  
Ross Local School District  
Success Program (K-12 Resources & Support)  
Talawanda City School District

### Employment/Job Training

Butler Behavioral Health Services Workplace  
Association  
Easterseals (Disabilities, Youth & Veterans)  
Employment Success Program  
Jobs Plus  
LifeSpan (Financial Counseling)  
OhioMeansJobs | Butler County  
Opportunities for Ohioans with Disabilities S.E.L.F

### Food Security

Fairfield Church of God  
Fairfield Food Pantry  
Hamilton Lighthouse Fellowship Food Pantry  
Job & Family Services (Supplemental Nutritional  
Assistance Program (SNAP) Food Benefits)  
Salvation Army – Hamilton & Middletown  
Shared Harvest Foodbank (List of Pantries)  
The Oaks Community Church  
Women, Infants & Children (WIC)

### Healthcare and Wellness

American Heart Association  
Butler County General Health District Caracole (HIV  
Services & Prevention)  
CareSource  
Centerpoint Health  
Children with Medical Handicaps Program  
Cincinnati Children's Hospital  
City of Hamilton Health Department  
City of Middletown Health Department  
Fairfield Hospital  
Job & Family Services (Medicaid)  
Kettering Health Hospital  
McCullough-Hyde Memorial Hospital  
Ohio Medicaid Consumer Hotline  
Planned Parenthood  
Premier Health/Atrium Hospital  
Primary Health Solutions  
TriHealth Bethesda Butler Hospital  
University of Cincinnati Health West Chester Hospital

### Housing and Homelessness

Butler Metro Housing Authority  
Family Promise of Butler County Shelter Family  
Resource Center Oxford (Rent Assistance)  
Habitat for Humanity (Homeownership)  
Haven House Shelter (Specific Eligibility)  
Hope House Men's Shelter  
Hope House Women's Shelter  
Mission Shelter  
Neighborhood Housing Services (Homeownership)  
New Housing Ohio (Re-entry)  
People Working Cooperatively (Repairs) S.E.L.F  
(Repairs for Homeowners)  
Serve City Chosen Shelter  
Shalom Mission  
YWCA of Hamilton (Women's Housing)

### Legal

Butler County BAR (Lawyer Referral Service)  
Child Support Enforcement Agency  
Kinship Navigator (Non-Biological Caregivers)  
Legal Aid of Southwest Ohio PARACHUTE: Butler  
County CASA (Court Appointed Special Advocate) –  
Youth

# CURRENT RESOURCES

## ADDRESSING PRIORITY HEALTH NEEDS



Information was gathered on assets and resources that currently exist in the community. This was done using feedback from the community and an overall assessment of the service area. While this list strives to be comprehensive, it may not be complete.

### Maternal, Infant & Child Health

4C for Children (Childcare Provider List)  
 BCESC Early Childhood Programs  
 Butler County Mental Health & Addiction Recovery Services Board  
 Butler County Prevention Coalition & Addiction Taskforce  
 Community Pregnancy Center  
 Crib for Kids  
 Elderly Services Program  
 Families First (Middletown)  
 Islamic Center of Greater Cincinnati  
 Job & Family Services (Day Care Vouchers) Moms and Babies First (African American Moms)  
 NewPath  
 NyNi Inc. Maternal Health & Infant Care  
 Queens Village Butler County  
 Parent Resource Center (Middletown)  
 Partnership to Reduce Infant Mortality (PRIM)  
 Pathway to Hope Pregnancy Care (test/ultrasound)

### Mental Health and Substance Use

Access Counseling Services  
 Adult Protective Services  
 Beckett Springs  
 Brightview  
 Butler Behavioral Health Services  
 Butler County Prevention Coalition  
 Catholic Charities  
 CDC Behavioral Health Services  
 Children Services  
 Cincinnati Children's Hospital (Psychiatric Intake)  
 Community Behavioral Health  
 Community Building Institute/Robert Sonny Hill Center  
 DeCoach Rehabilitation Centre  
 Developmental Disabilities Reporting Line  
 Dial 2-1-1  
 Envision Partnerships (Prevention)  
 Focus on Youth  
 Human Trafficking Resource Center  
 Lumiere Healing Centers  
 Mental Health & Addiction Recovery Services Board  
 Modern Psychiatry & Wellness  
 National Alliance on Mental Illness (NAMI) of Butler County (Family Support)  
 Mental Health, Addiction & Family Crisis (Text)  
 New Path (Youth), formerly St. Joseph Orphanage  
 Positive Leaps (Ages 0 - 18)  
 Project DAWN (Narcotics Distribution)  
 Sojourner Recovery Services/ Transitional Living  
 St. Aloysius Orphanage (Youth)

### Mental Health and Substance Use (continued)

State Line Treatment Services  
 Suicide Prevention Coalition  
 Sunrise Treatment Center  
 The Next Right Thing  
 United Way (Resource Referral)  
 Veterans Crisis Line (Text to 838255)  
 Women Helping Women (Victim Assistance)  
 YWCA Dove House (Domestic Violence)

### Social Services

4H (Ohio State University (OSU) Extension Office)  
 Big Brothers Big Sisters of Butler County  
 Booker T. Washington Community Center  
 Boys & Girls Club (Hamilton)  
 Boys & Girls Club (West Chester/Liberty)  
 Butler County Family & Children First Council  
 Community First Solutions  
 Council on Aging of Southwestern Ohio  
 EDGE Teen Center (Lakota Schools)  
 Fairfield Community Arts Center  
 Fitton Center for Creative Arts  
 Girl Scouts of Western Ohio  
 Hamilton Living Water Ministry, Inc.  
 Hope's Closet (Foster Families)  
 Lane Library  
 Master's Closet  
 Middletown Connect  
 Middletown Community Foundation  
 MidPointe Library System  
 Oxford Coalition  
 Reach Out Lakota (Lakota School District Only)  
 Rethreads (School Aged)  
 Scouts of America YMCA  
 Serve City  
 Supports to Encourage Low-Income Families

### Transportation

Elderly Services Program (65+ years)  
 Butler County Regional Transit Authority  
 Veteran Services Commission

### Utility Assistance

Family Resource Center Oxford  
 S.E.L.F.  
 The Salvation Army  
 Veteran Services Commission

## STEPS 5-8

# INTEGRATE, DEVELOP, ADOPT, AND SUSTAIN COMMUNITY HEALTH IMPROVEMENT PLAN (CHIP)



**IN THIS STEP, BUTLER  
COUNTY GENERAL HEALTH  
DISTRICT, CITY OF HAMILTON  
HEALTH DEPARTMENT, AND  
CITY OF MIDDLETOWN  
HEALTH DEPARTMENT WILL:**

- INTEGRATE CHIP WITH COMMUNITY PARTNERS AND HEALTH DEPARTMENT PLANS
- ADOPT THE CHIP
- UPDATE AND SUSTAIN THE CHIP



# BUTLER COUNTY NEXT STEPS



The Community Health Assessment (CHA) and this resulting Community Health Improvement Plan (CHIP) identify and address significant community health needs and help guide community benefit activities. This CHIP explains how Butler County General Health District, City of Hamilton Health Department, and City of Middletown Health Department plan to address the selected priority health needs identified by the CHA.

This CHIP report was adopted by leadership of the three health departments in May 2024.

**This report is widely available to the public on the health department websites:**

Butler County General Health District: [https://health.bcoho.gov/about\\_us/community\\_health\\_assessment.php](https://health.bcoho.gov/about_us/community_health_assessment.php)

City of Hamilton Health Department: <https://www.hamilton-oh.gov/health>

City of Middletown Health Department: <https://www.cityofmiddletown.org/271/Health>

**Written comments on this report can be made by contacting any of the Health Departments listed below:**

Butler County General Health District: [dominique.johnson@bcoho.gov](mailto:dominique.johnson@bcoho.gov)

City of Hamilton Health Department: [health@hamilton-oh.gov](mailto:health@hamilton-oh.gov)

City of Middletown Health Department: [nancym@cityofmiddletown.org](mailto:nancym@cityofmiddletown.org)

## EVALUATION OF IMPACT

Butler County General Health District, City of Hamilton Health Department, and City of Middletown Health Department will monitor and evaluate the programs and actions outlined above. We anticipate the actions taken to address significant health needs will improve health knowledge, behaviors, and status, increase access to care, and overall help support good health. The health departments are committed to monitoring key indicators to assess impact. Our reporting process includes the collection and documentation of tracking measures, such as the number of people reached/served and collaborative efforts to address health needs. A review of the impact of health department actions to address these significant health needs will be reported in the next scheduled CHA.

## ADDITIONAL HEALTH NEEDS NOT DIRECTLY ADDRESSED

Since Butler County General Health District, City of Hamilton Health Department, and City of Middletown Health Department cannot directly address all the health needs present in the community, we will concentrate our resources on those health needs where we can effectively impact our region given our areas of focus and expertise. Taking existing organization and community resources into consideration, Butler County will not directly address the remaining health needs identified in the CHA, including but not limited to crime and violence, environmental conditions, internet access, access to childcare, access to healthcare education, HIV/AIDS and STIs, economic stability, and COVID-19. We will continue to look for opportunities to address community needs where we can make a meaningful contribution. Community partnerships may support other initiatives that the health department cannot independently lead in order to address the other health needs identified in the 2023 CHA.



# APPENDIX A **PUBLIC HEALTH ACCREDITATION BOARD (PHAB) CHECKLIST: COMMUNITY HEALTH IMPROVEMENT PLAN (CHIP)**

## **MEETING THE PHAB REQUIREMENTS FOR THE CHIP**

The Public Health Accreditation Board (PHAB) Standards & Measures serve as the official guidance for PHAB national public health department accreditation and reaccreditation, and includes requirements for the completion of Community Health Assessments (CHAs) and CHIPs for local health departments. The following pages demonstrate how this CHIP meets the PHAB requirements. The checklist references the PHAB Standards & Measures for Reaccreditation Version 2022 (STANDARD 5.2: Develop and implement community health improvement strategies collaboratively).

# APPENDIX B:

## PHAB COMMUNITY HEALTH IMPROVEMENT PLAN (CHIP) REQUIREMENTS CHECKLIST



PUBLIC HEALTH ACCREDITATION BOARD (PHAB) CHIP REQUIREMENTS			
YES	PAGE #	PHAB REQUIREMENTS CHECKLIST	NOTES/RECOMMENDATIONS
     	18-22 18-22 18-22  21-22  24	<b>MEASURE 5.2.1 A: Adopt a community health improvement plan.</b> 1. A community health improvement plan (CHIP), which includes all of the following: a. At least two health priorities. b. Measurable objective(s) for each priority. c. Improvement strategy(ies) or activity(ies) for each priority. i. Each activity or strategy must include a timeframe and a designation of organizations or individuals that have accepted responsibility for implementing it. ii. At least two of the strategies or activities must include a policy recommendation, one of which must be aimed at alleviating causes of health inequities. d. Identification of the assets or resources that will be used to address at least one of the specific priority areas. e. Description of the process used to track the status of the effort or results of the actions taken to implement CHIP strategies or activities.	A detailed work plan (living document) has been developed that included strategies, SMART objectives, annual activities, indicators, partners, and priority populations.
  	N/A	<b>MEASURE 5.2.2 A: Encourage and participate in collaborative implementation and revision of the community health improvement plan.</b> 1. Implementation of a community health improvement plan (CHIP) strategy or activity, including: a. Which CHIP priority the example addresses. (This may be indicated in the Documentation Form.) b. The health department's role in the implementation. c. Results of the strategy or activity. 2. Community health improvement plan (CHIP) strategy or activity that was revised, in collaboration with partners.	A description of how the previous CHIP was implemented is provided in the 2023 Butler County General Health District, City of Hamilton Health Department, and City of Middletown Health Department Community Health Assessment (CHA). The 2024-2026 CHIP will be evaluated and examples of implementation will be provided to PHAB. Any revisions will be noted.
	18-20	<b>MEASURE 5.2.3 A: Address factors that contribute to specific populations' higher health risks and poorer health outcomes.</b> 1. Implementation of one strategy, in collaboration with stakeholders, partners, or the community, to address factors that contribute to specific populations' higher health risks and poorer health outcomes, or inequities. The documentation must define the health department's role in the strategy as well as the roles of stakeholders, partners, or the community. 2. Efforts taken that contribute to building environmental resiliency.	All CHIP strategies are specifically tied to health equity and indicate which priority population(s) the strategy will focus on and the social determinants of health and barriers that will be addressed. The 2024-2026 CHIP will be evaluated and examples of implementation will be provided to PHAB. Any revisions will be noted.

# APPENDIX B REFERENCES



# APPENDIX H:

## REFERENCES

- <sup>1</sup>U.S. Census Bureau, Decennial Census, P1, 2010-2020. <http://data.census.gov/>
- <sup>2</sup>ZipCodes.com. Butler County. Retrieved from <https://www.zip-codes.com/county/oh-butler.asp>
- <sup>3</sup>U.S. Census Bureau, American Community Survey, DP05, 2021. <http://data.census.gov/>
- <sup>4</sup>U.S. Census Bureau, American Community Survey, K202101, 2021. <http://data.census.gov/>
- <sup>5</sup>U.S. Census Bureau, American Community Survey, S0101, 2020 & 2021. <http://data.census.gov/>
- <sup>6</sup>U.S. Census Bureau, American Community Survey, S1601, 2020. <http://data.census.gov/>
- <sup>7</sup>U.S. Census Bureau, American Community Survey, DP02, 2020. <http://data.census.gov/>
- <sup>8</sup>Ohio Public Information Warehouse, Mortality, 2022, <https://publicapps.odh.ohio.gov/EDW/DataCatalog/>
- <sup>9</sup>County Health Rankings & Roadmaps, 2022 Data Set, <http://www.countyhealthrankings.org/>
- <sup>10</sup>County Health Rankings & Roadmaps, 2023 Data Set, <http://www.countyhealthrankings.org/>
- <sup>11</sup>U.S. Centers for Disease Control (CDC), Behavioral Risk Factor Surveillance System (BRFSS), via 2023 County Health Rankings, 2020 data. <http://www.countyhealthrankings.org>
- <sup>12</sup>Ohio Department of Health, 2023.
- <sup>13</sup>U.S. Centers for Disease Control (CDC), Behavioral Risk Factor Surveillance System (BRFSS), via County Health Rankings, 2023 data. <http://www.countyhealthrankings.org/>
- <sup>14</sup>Ohio Department of Health, County Health Department Information Warehouse, 2022. <https://publicapps.odh.ohio.gov/EDW/DataBrowser/Browse/>
- <sup>15</sup>Ohio Equity Institute: Infant Vitality Annual Report, 2022



[www.moxleypublichealth.com](http://www.moxleypublichealth.com)  
[stephanie@moxleypublichealth.com](mailto:stephanie@moxleypublichealth.com)