



# OhioHealth Marion General Hospital Community Health Needs Assessment

June 2022



## OhioHealth Marion General Hospital

We offer state-of-the-art medical expertise in a warm and compassionate environment. We strive for the best possible experience, not only for you, but for your family members as well. As the area's only full-service hospital, OhioHealth Marion General Hospital is renowned for providing care for complex conditions right here in Marion, Ohio. With expert physicians and associates, you don't have to travel for quality care — we are your regional referral center.

Curtis Gingrich, MD, *President*

1000 McKinley Park Drive

Marion, Ohio 43302

Board approval of CHNA Report: 6/14/2022

Initial Web posting of CHNA Report: 6/15/2022

Tax identification number: 31-1070877

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# Introduction

OhioHealth is a nationally recognized, not-for-profit, healthcare outreach of the United Methodist Church. Based in Columbus, Ohio, OhioHealth has been serving its communities since 1891. OhioHealth is a family of 35,000 associates, physicians and volunteers. OhioHealth is a system of 12 hospitals and more than 200 ambulatory sites, hospice, home health, medical equipment and other health services spanning a 47-county area. In Fiscal Year 2021, OhioHealth recorded 3 million outpatient visits, 521,445 Emergency Department visits, 161,995 hospital admissions and observations, 79,663 surgeries, 13,740 births, and 500 research studies.

OhioHealth entities are connected by a shared mission “**to improve the health of those we serve.**” With core values of compassion, excellence, stewardship, integrity and inclusion, OhioHealth is committed to delivering quality, convenient, timely healthcare, regardless of ability to pay. OhioHealth is a nationally recognized, not-for-profit, system of faith-based hospitals and healthcare organizations serving 47 Ohio counties. All OhioHealth entities are connected by (a) a mission to “improve the health of those we serve,” (b) core values of compassion, excellence, stewardship, integrity and inclusion, and a (c) commitment to deliver high quality, convenient and timely healthcare regardless of ability to pay. OhioHealth was in the top 20 list of companies in the PEOPLE Companies that Care® 2020, which highlights the top United States companies that succeeded in business while demonstrating outstanding respect, care and concern for their employees, communities and environment during the COVID-19 pandemic. In 2020, four OhioHealth hospitals, namely, Riverside Methodist Hospital, Grant Medical Center, Doctors Hospital and Dublin Methodist Hospital were named a 2020 LGBTQ Healthcare Equality Top Performer based on the 2020 Healthcare Equality Index (HEI) administered by the Human Rights Campaign (HRC). In 2020, OhioHealth was recognized as Great Place to Work – Certified™ based from the Great Place to Work® Trust Index™ survey. FORTUNE Magazine has recognized OhioHealth as one of the “100 Best Companies to Work For” and has been for 14 years in a row: 2007–2020 (Great Place to Work® Institute, n.d.). OhioHealth was also recognized as one of FORTUNE Magazine’s 100 Best Workplaces for Women and 100 Best Places to Work in Healthcare.

OhioHealth member hospitals are located in seven Ohio counties:

- **Athens County** — OhioHealth O’Bleness Hospital
- **Delaware County** — OhioHealth Grady Memorial Hospital
- **Franklin County** — OhioHealth Riverside Methodist Hospital, OhioHealth Grant Medical Center, OhioHealth Doctors Hospital, OhioHealth Dublin Methodist Hospital, OhioHealth Grove City Methodist Hospital, OhioHealth Rehabilitation Hospital
- **Hardin County** — OhioHealth Hardin Memorial Hospital
- **Marion County** — OhioHealth Marion General Hospital
- **Pickaway County** — OhioHealth Berger Hospital
- **Richland County** — OhioHealth Mansfield Hospital, OhioHealth Shelby Hospital

OhioHealth Marion General Hospital is an OhioHealth member hospital located at 1000 McKinley Park Drive, Marion, Ohio 43302, Marion County. Marion General Hospital is a 250-bed facility offering healthcare services that include: behavioral and mental health, cancer care, cardiac and pulmonary rehabilitation, diabetes, emergency and trauma, heart and vascular services, home health, hospice, imaging and technology, maternity, neuroscience, orthopedics, palliative care, radiation oncology, rehabilitation and therapy, robotic surgery, sleep disorders, surgery, women’s health, wound care, massage and therapeutic medicine, nutrition counseling, pulmonology and asthma, and stroke clinic. In Fiscal Year 2020, Marion General Hospital had 7,763 admissions, 38,272 inpatient days, 1,003 inpatient surgeries, 99,887 outpatient visits, 4,583 outpatient surgeries, 39,870 Emergency Department visits, and 4,861 observations.

Marion General Hospital has received various awards and recognitions, including:

1. **The Joint Commission Accreditation** – OhioHealth Marion General Hospital have achieved The Gold Seal of Approval® of accredited programs, including: (a) Hospital, (b) Home Care, and (c) Primary Stroke Center. Effective in 2018, the accreditation demonstrates that healthcare organization complies with all the standards for accreditation at the time of onsite survey. The hospital uses clinical practice guidelines and meets performance requirements and certification participation requirements at the time of the onsite review (The

Joint Commission, 2021). Marion General Hospital successfully implemented the 2018 National Patient Safety Goals (The Joint Commission, 2021).

2. **American College of Surgeons' Commission on Cancer Accreditation with commendation** – OhioHealth Marion General Hospital's accreditation signifies exemplary cancer leadership, data management, clinical services, research, community outreach and continuous quality improvement. Marion General Hospital received commendation in clinical research and community education (American College of Surgeons, 1996-2021).
3. **American College of Radiology Accreditation** – signifies highest standards of care and safety in magnetic resonance imaging (MRI), computed tomography (CT including pediatric imaging), nuclear medicine, and ultrasound services. This was effective in 2020 (American College of Radiology, n.d.).
4. **MD Anderson Cancer Network® Certification** – a program of MD Anderson Cancer Center, allows our physicians to review patient's diagnosis and treatment with their peers at the MD Anderson Cancer Center, while providing the care needed locally. That means that patients benefit from the latest research and superior cancer expertise in their own communities. The certification was effective in 2015 (OhioHealth 2015-2021)
5. **Newsweek Best Maternity Hospitals 2020** — demonstrates excellence in maternity care such as low rates of caesarian section, episiotomy, and early elective deliveries, and following safety protocols to protect mothers and babies (Newsweek Digital LLC, 2021).
6. **Intersocietal Accreditation Commission (IAC) accredited facility** — accredited for echocardiography, adult stress test, adult transesophageal procedure, adult transthoracic procedure, vascular testing, peripheral arterial testing, peripheral venous testing. This signifies the highest quality vascular diagnostic evaluation utilizing ultrasound imaging while ensuring high quality patient care. This accreditation was effective until January 2022 (Intersocietal Accreditation Commission, 2021).

OhioHealth is dedicated to serving communities through its Community Benefit. In fiscal year 2020, OhioHealth provided a total of \$479.1 million of Community Benefit, comprised of \$122.2 million for charity care, \$284.5 million net cost of Medicaid programs, \$63.9 million net cost of medical education, \$2.2 million subsidized health services, 4.6 million community health services, \$1.5 million in cash and in-kind contributions, and \$0.2 million for research.

The Patient Protection and Affordable Care Act of 2010 requires not-for-profit hospitals to conduct a community health needs assessment (CHNA) once every three years (Internal Revenue Service, 2015). OhioHealth Marion General Hospital obtained the inputs of community stakeholders to identify the priority health needs in Delaware County. Moreover, community stakeholder inputs were obtained in identifying priority factors, priority health outcomes and target age groups to demonstrate alignment of the OhioHealth Marion General Hospital with the State Health Improvement Plan.

The priority health needs that were identified in the CHNA were:

- 1. Mental health and addiction** — include (a) addiction, (b) depression and anxiety, (c) overall health for both youth and adults
- 2. Chronic disease** —include (a) healthy eating behaviors, (b) choices, (c) general health habits such as healthy eating, physical activity, problem solving and coping, (d) obesity, (e) cancer, (f) diabetes, and (g) heart disease
- 3. Maternal and infant/child health** — include teen birth rate.
- 4. Access to care** — include access to (a) primary care physicians and (b) transportation
- 5. Social determinants of health** — include (a) poverty

Marion General Hospital will develop the Fiscal Year 2023-2025 Implementation Strategy in collaboration with Marion Public Health, and various community stakeholders to demonstrate our lingering commitment to play an active and effective role in the Marion County community by fulfilling our mission “to improve the health of those we serve.” Moreover, Marion General Hospital's Implementation Strategy will include actions and strategies that align with the Ohio 2020–2022 State Health Improvement Plan (Ohio Department of Health, n.d.).

For information about the Marion General Hospital CHNA processes and for a copy of the reports, please visit <https://www.ohiohealth.com/locations/hospitals/marion-general-hospital/about-us/community-health-needs-assessment>. Please contact Curtis L. Gingrich, MD, president, Marion General Hospital, at 740.383.8626 or email [Curtis.Gingrich@ohioHealth.com](mailto:Curtis.Gingrich@ohioHealth.com) to obtain hard copies of the CHNA reports at no charge. Written comments regarding this CHNA report and related implementation strategy may be submitted to Dr. Gingrich [Curtis.Gingrich@ohiohealth.com](mailto:Curtis.Gingrich@ohiohealth.com).

# A. Definition of the Community Served by the Hospital Facility and How the Community Served Was Determined

## A1. Location of Hospitals and ZIP Codes of Communities Served

OhioHealth Marion General Hospital is located at 1000 McKinley Park Drive, Marion, Marion County, Ohio 43302. The “community served” by Marion General Hospital is Marion County, Ohio as determined by the percentage of patients served from Marion County. The communities reside in zip codes 43301, 43302, 43314, 43315, 43322, 43333, 43326, 43332, 43335, 43337, 43341, 43342, 43344, 43356, 44833, 44849 (Datasheer, LLC, 2003-2018).

## A2. Percent of Patients Served from Marion County, Ohio

Table 1. Percent of patients served inpatient, outpatient, emergency department, and observation area during Fiscal Years 2019 and 2020.

	Fiscal Year 2019	Fiscal Year 2020
Percent of patients served in inpatient settings from Marion County	72%	72%
Percent of patients served in outpatient settings from Marion County	77%	76%
Percent of patients served in the emergency department from Marion County	76%	76%
Percent of patients served in the observation area from Marion County	79%	78%

## B. Demographics of the Community

### B1. Total Population

In 2019, the actual population of Marion County was 65,093. In 2020, the actual population of Marion County was 65,359 (Ohio Department of Development, n.d.; United States Census Bureau, n.d.).

### B2. Race/Ethnicity

In 2019, among Marion County residents, 89.8 percent were White, 5.8 percent were African American, 0.6 percent were Asian, 2.6 percent were Hispanic (of any race), 0.7 percent were other races, 0.2 percent were Native American, and 2.9 percent were two or more races (Ohio Department of Development, n.d.). Total minority represented 11.5 percent of the population (Ohio Department of Development, n.d.).

### B3. Age

In 2019, among Marion County residents, 5.9 percent were younger than 5 years old, 15.1 percent were 5–17 years old, 8.1 percent were 18–24 years old, 26 percent were 25–44 years old, 27.8 percent were 45–64 years, and 17.1 percent were 65 years or older. Median age was 41.3 (Ohio Department of Development, n.d.).

### B4. Income

Median household income for 2019 was \$45,464 and per capita income was \$38,252. Approximately 11.5 percent of families and 16 percent of individuals had income below the poverty level (Ohio Department of Development, n.d.).

The Ohio County Profiles report for Marion County provides additional demographic characteristics (Ohio Department of Development, n.d.).



# C. Existing Healthcare Facilities and Resources within the Community that are Available to Respond to the Health Needs of the Community

## C1. Healthcare Facilities and Community Resources Addressing Mental Health and Addiction, including Addiction, Depression, Anxiety, Overall Health for Youth and Adults

**C1.1. OhioHealth Marion General Hospital Behavioral Health and Mental Health** — offers comprehensive inpatient and outpatient behavioral health services to residents of Marion County and north central Ohio (OhioHealth, 2015-2019a). Marion General Hospital offers a Partial Hospitalization Program and an Intensive Outpatient Program, which provide treatment and education to patients with mental health issues in a group therapy format (OhioHealth, 2015-2021). The programs offer group therapy, education, wellness, stress management, emotional regulation and activity planning. Compassionate care is provided by a multidisciplinary team comprised of nurses, social workers, therapists and psychiatrists. Speakers from Alcoholics Anonymous and Narcotics Anonymous give presentations in the hospital (OhioHealth, 2015-2021). Marion General Hospital also offers its employees an Employee Assistance Program and Aftercare Program (OhioHealth, 2015-2021). Marion General Hospital offers evidence-based, tobacco cessation counseling and outpatient classes using education materials from the Centers for Disease Control and Prevention. Program facilitators are certified tobacco treatment specialists. OhioHealth Cancer Services offers lung cancer screening, which tests higher risk persons who are current or former smokers, with no symptoms of lung cancer. Lung cancer screening uses a low-dose, chest computed tomography (CT) scan to identify lung cancer before patients manifest symptoms (OhioHealth, 2015-2021). OhioHealth also has an outpatient tobacco cessation program (OhioHealth, 2015-2021).

**C1.2. Center Street Community Health Center** — licensed psychotherapists provide behavioral health services for children, youth, adults and older adults through individual, group and family therapy sessions. Counselors help patients manage their depression and anxiety, improve self-image and confidence, manage relationships and provide grief support (Center Street Community Health Center, n.d.).

**C1.3. Crawford-Marion Board of Alcohol, Drug Addiction and Mental Health Services (Crawford-Marion ADAMH)** — ensures the availability of alcohol, drug addiction and mental health services in Crawford and Marion counties by: (a) assessment of community needs, (b) identification of resources, (c) prioritization of needs, (d) contracting with various organizations to establish a network of support services, (e) coordinating implementation of services, and (f) evaluating the effectiveness and efficiency of these services (Crawford-Marion ADAMH, 2019-2021). The contract agencies of Crawford-Marion ADAMH include (but not limited to): (a) Community Counseling Services, Inc., (b) Marion Area Counseling Center, (c) CONTACT Care-Line, (d) Contact Inc., Crawford County, (e) Recovery to Work Program, (f) Family and Children First Council, (g) Marion-Crawford Prevention Programs, (h) Maryhaven, (i) National Alliance for the Mentally Ill, (i) Delmor Dwellings, and (k) rental properties (Crawford-Marion ADAMH, 2019-2021).

**C1.4. Marion Area Counseling Center, Inc.** — provides drug and alcohol recovery services and therapy services for individuals, families and groups, crisis intervention services, community support services, telephone-based crisis intervention and referral services (CONTACT Care-Line), supervised apartments, victim assistance programs, employee assistance programs and drug-free workplace training, Program Encouraging Employment and Recovery (PEER), Foundations Recovery Center, and day treatment to build skills for daily living activities (Marion Area Counseling Center, n.d.).

**C1.5. Marion City Schools** — implements the Ohio School Safety Center (OSSC) that was established by Governor Mike Dewine in August 2019 and promotes awareness of the Safer Ohio School Tip Line (844.723.3764), which encourages reporting on (a) bullying and cyberbullying, (b) self-Harm or suicidal behaviors, student isolation, verbal or written threats, weapons and suspicious devices, gang-related, illegal drug use, unusual or suspicious behavior of students and/or staff. Students and staff also have access to the Crisis Text Line by texting “4hope” to 741 741 to obtain free access a trained Crisis Counselor. Marion City Schools

also adopts an “Anti-Bullying Policy”. Marion City Schools offers psychological services to students and promotes equity and diversity schoolwide. Student support is available through school counselors, nurses, referral to social services (Marion City Schools, 2021).

**C1.6. Drug-Free Marion** —a community-wide partnership among Marion-Crawford Prevention Services, Marion-Crawford ADAMH Board, local law enforcement and courts, probation services, Marion Area Counseling Center, Marion Public Health, Marion County Children’s Services, Marion Matters, Maryhaven, and concerned citizens. Drug-Free Marion is coordinated by Marion Crawford Prevention Programs. The mission of Drug-Free Marion is “to empower and engage our community to address substance abuse, misuse, and abuse through prevention, advocacy, collaboration and education” (Drug-Free Marion, n.d.).

**C1.7. Marion-METRICH Drug Task Force (MARMET)** — charged with investigating drugs and crimes in Marion County. The task force is comprised of the Marion Police Department, Marion County Sheriff’s Office, and Marion County Prosecutor’s Office (Marmet, 2021). In 2020, MARMET has seized 1,214 grams of methamphetamines, 216 grams of cocaine, 1,289 pills, and 210 guns (Marmet, 2021).

**C1.8. Marion Community Foundation** — provides funding opportunities for the special grant “Racial Equity and Justice grant program that funds nonprofit and governmental agencies that aims to improve racial equity and justice in Marion County, Ohio. Health and Wellness funding for 2020 were provided to the American Red Cross Marion County, center Street Community Health Center, and Marion Senior Center, Marion Area Counseling Center, Marion County Board of Developmental Disabilities, Marion Mentors (Marion Community Foundation, 2013)

**C1.9. Tobacco-Free Marion County Coalition** — started in 2013 as part of Marion County’s Creating Healthy Communities Coalition to promote tobacco use prevention among teens and smoking cessation among adult smokers (Marion Public Health, 2021).

**C1.10. Marion-Crawford Prevention Programs**— a middle school and high school leadership organization committed to abstaining from alcohol, tobacco and drugs. Members are encouraged to be a positive influence on their community in educating and supporting others toward a drug-free lifestyle (Marion-Crawford Prevention Programs, n.d.). Examples of programs include (a) youth-led prevention programs, Mental Health First Aid, QPR suicide prevention, Working Minds, Strengthening Families, Hidden in Plain Sight and PAX Tools, various services for schools and youth (Marion-Crawford Prevention Programs, n.d.).

## **C2. Healthcare Facilities and Community Resources Addressing Chronic Disease, including Healthy Eating Behaviors, Choices, and General Health Habits such as Healthy Eating, Activity, Problem Solving and Coping**

### **C2.1. OhioHealth Marion General Hospital**

**C2.1.1. Obesity and Weight Management** — examples of outreach programs that address obesity include: (a) obesity prevention education at Marion County Fair, (b) health screenings and wellness education at the Senior Health Fair at Marion Senior Center, (c) speaking engagements and community presentations by hospital team members through the “Speakers Bureau,” and (d) collaboration with Marion Technical College in providing body mass index (BMI) screenings, blood pressure screenings, participation in health fairs and expositions, and outreach to private industries and Marion City Schools. OhioHealth Marion General Hospital patients have access to weight management services offered at OhioHealth McConnell Heart Health Center (OhioHealth, 2015-2019d). OhioHealth offers various lifestyle programs, including but not limited to: (a) fitness, (b) nutrition counseling, (c) tobacco cessation, (d) weight management, (e) stress management, and (f) health risk management. We also provide heart disease prevention and support in the clinical setting, such as anticoagulation clinics and lipid clinics (OhioHealth, 2015-2021).

**C2.1.2. Cardiac Rehabilitation** — a comprehensive, 12-week program to help patients return to a full and active life, while improving long-term heart health. The cardiac rehabilitation program includes: (a) nutrition planning, (b) supervised exercise program, (c) tobacco cessation program, (d) medical weight management, (e) heart disease prevention clinics, (f) support groups, (g) stress management, and (h) lifestyle and health responsibility coaching (OhioHealth 2015-2021). The cardiac rehabilitation team teaches patients to exercise at the appropriate level and time that promote weight loss. These patients are referred to the dietitian for meal planning and caloric intake in addition to low-fat diets. Diabetics are referred to the diabetic educator and the dietitian.

The only outcomes related to patients' obesity reported while they are in the cardiac rehabilitation program are weight loss and body mass index (BMI). Patients who complete Phase 2 Cardiac Rehabilitation are offered the Phase 3 Exercise Maintenance Program or encouraged to go to Marion Family YMCA or a local gym. In May of each year, OhioHealth Marion General Hospital's cardiac rehabilitation team sponsors a "Walk in the Park" to promote walking as a free way of exercising. At the event, the hospital's cardiac rehabilitation medical director speaks to the group about cardiac risk factor management and the importance of exercise.

**C2.1.3. Diabetes Care** (OhioHealth, 2015-2021) — includes diabetes prevention, detection and management programs provided by a multidisciplinary healthcare team that includes: certified diabetes educators, nurses, dietitians, exercise physiologists, and pharmacists. OhioHealth also offers a nine-hour diabetes self-management program that includes: (a) one-hour appointment with the diabetes nurse educator for health assessment and goal setting, and (b) four two-hour classes that cover diabetes disease process, medications, nutrition and carbohydrate counting, exercise and activity, travel, sick day management, foot care and prevention/management of long-term complications. OhioHealth Marion General Hospital has an inpatient certified diabetes educator.

**C2.1.4. Heart and Vascular Care** — offers preventive heart screenings, diagnosis or treatment for cardiovascular conditions, cardiac imaging, cardiothoracic surgery, clinical cardiology, electrophysiology, heart failure, interventional cardiology, a structural heart disease program, a vascular disease program, and access to clinical trials. Patients have access to the latest treatments, a patient-centered team, high-quality care available locally, and assurance of better outcomes above national benchmarks (OhioHealth, 2015-2021).

**C2.2. Center Street Community Health Center** — provides medical, dental, behavioral health and optical services to children and families by serving as a patient-centered medical home. Medical services include: health promotion, disease prevention, treatment of diseases, and chronic disease management (Center Street Community Health Center, n.d.). The 2020 objectives include (a) healthy eating, (b) active living, and (c) community and coalition development (

**C2.3. Marion Public Health Creating Healthy Communities Coalition** — the coalition's vision is "making the healthy choice the easy choice" and mission is "committed to preventing and reducing chronic disease statewide." Through cross-sector collaboration, we are activating communities to improve access to and affordability of healthy food, increase opportunities for physical activity, and assure tobacco-free living where Ohioans live, work and play. By implementing sustainable evidence-based strategies, Creating Healthy Communities is "creating a culture of health" (Marion Public Health, 2021). Active living is impacted by improvements to parks and playgrounds, shared-use agreements, enabling the area to be more bike-friendly, and providing multi-use trails. Healthy eating is impacted by farmers markets, healthy vending machines, community gardens, healthy corner stores, and breastfeeding. Tobacco-free policies and initiatives are being implemented in schools, housing, and parks (Marion Public Health, 2021).

#### **C2.4. School Districts**

**C2.4.1. Marion City Schools** — Marion City Schools has student services that include (a) health and wellness services, (b) services for injuries and illnesses, (c) medications, (d) inclusion and equity, (e) and social and emotional support (Marion City Schools, 2021).

**C2.4.2. Elgin Local Schools** — Elgin Local Schools has a Wellness Committee that promotes nutrition and physical activity to improve wellness of students. Examples of activities include: "Walk-to-School Day," "Every Kid Healthy Week," "Crazy Comet Fun Run," and efforts to increase participation in the breakfast program for children in kindergarten through 12<sup>th</sup> grade (Elgin Local Schools, n.d.).

**C2.5. Marion Family YMCA** — offers: (a) adult health and wellness activities at the Wellness Center, adult group exercise and adult water fitness, (b) family health and wellness activities at the Family Wellness Center, kids gym, and Marion Mentors 21 Program, which develops individualized relationships between a volunteer role model and a student in order to assist the young adult in his/her academic, social, personal and leadership skills, (c) preschool programs, such as "Explore and Play," "Kaleidoscope Kids," and preschool swim lessons, and (d) youth and teen programs, such as youth sports leagues, basketball, martial arts, and youth in government (Marion Family YMCA, 2021).

- C2.6. Marion County Park District** — offers families opportunities to enjoy wildlife and engage in physical activity. The Marion County Park District operates six parks: (a) Marion Tallgrass Trail, (b) Marion Community Foundation Lake, (c) Terradise Nature Preserve, (c) Greenspur, (d) Myers Woods, and (e) Caledonia Nature Preserve (Marion County Park District, n.d.).
- C2.7. Marion County Council on Aging** — provides senior citizens access to transportation, in-home services, home-delivered meals, shopping assistance, and adult day care. The Marion County Council on Aging also provides seniors with a comprehensive resource guide that includes: various community resources for transportation, assistance with meals and food pantry, assistance with housing and utilities, resources for volunteering and continuing education, mental health services, in-home services, assistance with personal needs and activities of daily living, health and wellness, and home care services (Marion County Council on Aging, 2021).
- C2.8. Center Street Community Health Center** — The center provides medical and preventive services to children and families by serving as a patient-centered medical home. Medical services include: (a) health promotion, (b) disease prevention, (c) treatment of diseases, and (d) chronic disease management (Center Street Community Health Center, n.d.).
- C2.9. The Ohio State University Extension Marion County** — provides free nutrition and obesity prevention programs to individuals and families who are eligible for the Supplemental Nutrition Assistance Program (SNAP). SNAP enables individuals to adopt healthy eating habits, become physically active and manifest lifestyle and behavior changes. The Family and Consumer Sciences Department teaches concepts, skills and tools to enable individuals to make healthy, informed decisions related to healthy living, food safety and healthy nutrition (The Ohio State University, 2021).
- C2.10. Marion City/County Regional Planning Commission** — Collaborations with Marion Public Health and the Marion County Creating Healthy Communities Coalition have provided opportunities and development of active transportation for Marion County residents, such as enhancement of bike paths, and walking/biking access to parks and trails (Marion City/County Regional Planning Commission, 2021).

### **C3. Healthcare Facilities and Community Resources Addressing Maternal and Child Health, including Teen Birth Rate**

#### **C3.1. OhioHealth Marion General Hospital**

- C3.1.1 Maternity** — The Center for New Beginnings at OhioHealth Marion General Hospital, the largest maternity program in north central Ohio, features a Level II nursery with board-certified neonatologists and staff who are trained in treatment programs for select high-risk mothers and newborns. Mothers and babies have access to state-of-the-art technology and accommodations for labor and delivery. Marion General Hospital has a highly trained team of ultrasound technologists, nurses, genetic counselors, and maternal-fetal medicine specialists with advanced training in high-risk pregnancies (OhioHealth, 2015-2021).
- C3.1.2. Breastfeeding Classes** — Lactation educators at OhioHealth Marion General Hospital teach mothers about the natural process of breastfeeding, lactation and physiology of the breast, positioning, identification of infant feeding cues, nutrition and storage of breast milk. Partners are encouraged to attend (OhioHealth, 2015-2021).
- C3.1.3. Pregnancy and Childbirth Classes** — OhioHealth Marion General Hospital offers “Baby Care Basics,” where parents learn about newborn appearance, bathing, diapering, cord care, newborn sleep, and more. Partners are encouraged to attend at no additional cost (OhioHealth, 2015-2019g). Marion General Hospital offers “Childbirth EXPRESS,” which offers concise, three-hour education on the most important tips about labor, when to come to the hospital, what to expect, pain relief options and comfort measures. Participants are invited to tour the maternity area (OhioHealth, 2015-2019g). Marion General Hospital offers “Infant Choking and Cardiopulmonary Resuscitation (CPR)” for new parents, grandparents, family members and anyone who would like to learn lifesaving infant CPR and choking rescue but do not need a course completion card (OhioHealth, 2015-2019g). Participants are taught using state-of-the-art infant manikins that provide realistic practice and feedback for skill mastery and confidence. Participants are also taught skills for child CPR (OhioHealth, 2015-2021).

### **C3.2. Marion Public Health**

- C3.2.1 Immunizations** — The Marion Public Health Immunization Clinic office is open for walk-in appointments from noon to 5 p.m. on Wednesdays. Children are given access to the following immunizations: Tetanus-Diphtheria-Pertussis (Tdap), polio, chicken pox, mumps-measles-rubella (MMR), Haemophilus influenzae type B (Hib), pneumococcal, hepatitis B, hepatitis A, rotavirus and seasonal influenza (Marion Public Health, 2021).
- C3.2.2. Women, Infants and Children (WIC)** — The WIC program is a nutrition education and food benefit program offered to women, infants, and children up to age 5 (Marion Public Health, 2019b). WIC provides the following services: (a) education on healthy eating and support, (b) breastfeeding education and support, (c) healthcare referral, and (d) screening for immunization and referral and access to milk, cereal, whole grains, juice, fruits, vegetables, eggs, peanut butter, beans, infant formula, infant cereal, baby food, tuna/salmon, and cheese (Marion Public Health, 2019b). Food provided to participants assists growth and development for the child and meeting the pregnancy needs of the mother (Marion Public Health, 2019b). The educational aspect of the program helps provide healthy recipes and teach the basics of cooking, the importance of vitamins and minerals, recommended portion sizes, and creating a family meal time (Marion Public Health, 2019b). WIC also offers a breastfeeding education program (Marion Public Health, 2021).
- C3.2.3. Lead Screening** — occurs for all children ages 1 and 2 for elevated lead levels during their immunizations. This serves as a prevention program to decrease the chance of learning disabilities, behavioral problems, mental retardation, seizures, comas, and death (Marion Public Health, 2021).
- C3.2.4. Breastfeeding Education** — free classes are offered to expecting mothers and their support person at 11 a.m. the first Wednesday of each month. Topics include: basics, proper latching, and recognizing hunger cues (Marion Public Health, 2021).
- C3.2.5. 1<sup>st</sup> 1,000 Days Coalition** — goals include: reducing rates of infant mortality and improving birth outcomes by decreasing premature births and low birth weights. These goals are in place to provide newborns the ability to thrive and have a healthy start (Marion Public Health, 2021).
- C3.2.6. Baby and Me Tobacco Free** — a program offered to improve the chance of a healthy delivery by helping expecting mothers quit smoking. Monthly vouchers for diapers are also provided to mothers in the program until their child turns age 1 (Marion Public Health, 2021).
- C3.2.7. Baby Boxes** — provided to mothers so their babies have a safe place to sleep. The aim of this program is to prevent sleep-related deaths. These boxes allow babies to sleep alone and on their backs (Marion Public Health, 2021).
- C3.3. Boys and Girls Club of Central Ohio** — offers youth development services and programs with the help of volunteers and mentors, such as: (a) Boys and Girls Club Virtual Club Experience, (b) healthy lifestyles, (c) academic success, character and leadership (Boys and Girls Club of Central Ohio, 2021).
- C3.4. Head Start** — a free, developmentally appropriate preschool and early education program for income-eligible children and their families. Head Start provides preschool education to children ages 3, 4, or 5 years for those who meet the income level requirement or have special needs. During the sessions, children receive breakfast or lunch and a snack, depending on when they attend. Head starts promotes education and social development exposure for the children (Ohio Heartland Community Action Commission, 2021).
- C3.5. United Way-of North Central Ohio** — serves Crawford, Marion, and Wyandot Counties. Examples of projects funded include (a) Disaster Cycle Services and Home Fire Preparedness (American Red Cross Central and Southern Ohio Region), (b) Formula for Impact (Boys and Girls of Marion County), (c) Let's Read 20 (Marion Public Library), (d) Meals-on-Wheels and Congregate Dining Center Programs, (e) Changes and Choices (Marion Adolescent Pregnancy Program), (f) Victim Assistance Program (Marion County Victim Assistance), (g) job readiness (Marion Goodwill Industries) (United Way of North Central Ohio, 2021).
- C3.6. Beacon of Hope Food Pantry** — a non-profit organization that helps feed those who are hungry in Marion County. The largest food pantry in Marion County, it is located at 366 West Center Street, Marion 43302. The food pantry's mission is to feed those who are hungry and struggling amid difficult

circumstances, regardless of their location. The food pantry is open from 5 to 7 p.m. on Mondays and Thursdays, as well as the second and fourth Saturday of the month by appointment (MarionMade!, 2021).

- C3.7. St. Vincent de Paul Food Pantry and Thrift Center** — provides clothing, household goods, and groceries to low-income Marion residents. It is located at 342 N. Main St., Marion, Ohio 43302. Open by appointment Tuesday through Thursday, the pantry provides families with three to five meals and access to personal hygiene items. Food items are supplied by the Mid-Ohio Food Bank, North Central Correctional Institution's gardening program, Wyandot Snacks, and Kroger's (MarionMade!, 2021). The thrift store is open five days a week, Tuesday through Saturday (MarionMade!, 2021).
- C3.8. Marion County Job and Family Services** — manages federal programs that help people avail of workforce, financial, medical and social services (Marion County Job and Family Services, 2003-2020).
  - C3.8.1. Division of Workforce-The OhioMeansJobs-Marion County Center** — provides Marion County residents assistance in finding jobs, resume development, interview skills development, and job skills training. Applicants have access to child care, transportation, and money to buy uniforms and work shoes. The division of Workforce-The OhioMeansJobs-Marion County Center also assists employers with recruitment, pre-screening of applicants, and access to funding to cover the cost of new employee training (Marion County Job and Family Services, 2003-2020).
  - C3.8.2. Division of Benefits** — assists Marion County residents with food purchase, limited financial assistance and obtaining healthcare coverage, and temporary assistance with car repair, paying utilities and gasoline to drive to work. The division also operates the Adult Protective Services, which helps adults age 60 and older who are unable to protect themselves and conducts investigations of elder abuse or neglect (Marion County Job and Family Services, 2003-2020).
  - C3.8.3. Division of Child Support Enforcement** — ensures healthy development of children by finding parents, identifying paternity, setting support obligations and collecting child support (Marion County Job and Family Services, 2003-2020).
- C3.9. Marion Adolescent Pregnancy Program (MAPP)** — educates teens and supports teen mothers. MAPP offers services, such as: (a) free pregnancy testing, (b) "Changes and Choices" comprehensive sex education in Marion County high schools and middle schools, and (c) Help Me Grow Home visitation for families with children up to age 5 (United Way of North Central Ohio, 2021).
- C3.10. Voice of Hope Pregnancy and Family Center** — a pro-life program that assists families in tackling the anxieties of unplanned and planned pregnancies. Examples of services include (a) free pregnancy testing and free limited ultrasounds, (b) Family Education Center ("Earn While You Learn"), and (c) Restoration Center (assistance with regaining custody of kids and development of personalized education plan).

#### **C4. Healthcare Facilities and Community Resources Addressing Access to Care, including Access to Primary Care Physicians, and Transportation**

- C4.1. OhioHealth Physician Group** — includes (a) internists Vivek Awasty, MD, Michael J. Hayes, MD, Michael G. McCleese, DO; Muhammad I. Khan, MD; Sanjay K. Vora, MD; (b) family medicine doctors Cassandra L. Israel, MD, Timothy B. Light, MD; Qihui J. Liu, MD; Christopher G. Smallwood, MD; Charles A. Thompson, MD; Christopher M. Johnson, DO; and John L. Oehler, DO.
- C4.2. OhioHealth Clinically Integrated Network** — includes (a) internist and pediatrician Sudesh S. Reddy, MD (Sudesh S. Reddy, MD, Inc.); (b) internist Ghulam Idrees, MD (Harding Memorial Healthcare); (c) family medicine doctor (Melissa O. Mekesa, MD (TeamHealth); (d) internist Parminder B. Singh, MD (Parminder B. Singh, MD, Inc.); (e) family medicine doctor Raymond J. Gardner, MD (MIPA Family Care); (f) family medicine doctor Khurshid N. Husain, MD; (g) family medicine doctor Mark J. Piacentini, MD (Prospect Family Medicine, Inc.)
- C4.3. Primary Care Clinics with Behavioral Health Integration** — includes (a) Marion Area Physicians Internal Medicine-Delaware; (b) Marion Area Physicians Primary Care MMC; (c) Marion Area Physicians Primary Care Prospect Avenue; (d) Marion Area Physicians Primary Care Harding; (e)

Marion Area Physicians Primary Care Independence Avenue; (e) Marion Area Physicians Primary Care Mallard Square; (f) Marion Area Physicians Primary Care University Drive.

- C4.4. Mobility Management or Crawford, Marion and Morrow Counties** — supported by grants from the Federal Transit Authority (FTA) and the Ohio Department of Transportation (ODOT) to provide access to transportation. The Mobility Management offers the following services: (a) coordination of transport services; (b) assessment of eligibility and referrals for clients; (c) driver training and access to Call Center; (d) Travel Training Services; (e) Safe Routes to School; (f) Complete Streets and active transportation; (g) roundtable discussions on transportation needs; and (h) outreach and education (CMM Mobility, 2019).
- C4.5. Center Street Community Health Center** — medical services include primary care for all age groups, sick and well visits for children, physical examination, immunizations, access to medications, and assistance to obtain insurance (Center Street Community Health Center, n.d.).

## **C5. Healthcare Facilities and Community Resources Addressing Social Determinants of Health, Including Poverty**

**C5.1. Marion Area Chamber of Commerce** — an association of businesses that aims to improve economic conditions and quality of life of the Marion, Ohio area. The Chamber of Commerce partners with the Greater Ohio Policy Center to consider Marion as one of Ohio's Small Reinvention Cities. The Chamber Committees include: (a) Ambassador Committee — takes charge of recognition of members and networking; (b) Entrepreneurship Council — supports various entrepreneurs and business ventures; (c) Human Resource Council — workgroups of human resource professionals; (d) Leadership Marion! — teaches leadership skills; (e) Manufacturer's Council — information meetings for leaders and plan managers; (f) Marion Area Safety Council — education related to team safety; and (g) Nonprofit Executives Council — shares best practices, and access to learning resources among executive directors of nonprofit organizations education and government sector (Marion Area Chamber of Commerce, n.d.).

**C5.2. Ohio Heartland Community Action Commission** — conducts plan and community development to promote resource utilization to address poverty. The Ohio Heartland Community Action Commission supports self-sufficiency, employment, improve work performance and address social determinants of health. Examples of programs include (but not limited to):

- C5.2.1. Home Energy Assistance Program (HEAP)** — helps low-income Ohioans with winter heating bills;
- C5.2.2. Winter Crisis Program or Emergency HEAP** — assists persons who are at risk of their heating source being disconnected
- C5.2.3. Summer Crisis Program** — assists persons with cooling bills in the summer time;
- C5.2.4. Percentage of Income Payment Plan Plus (PIPP Plus)** — helps manage utilities bills throughout the year;
- C5.2.5. Home Weatherization Assistance Program (HWAP)** — conservation programs offered by Columbia Gas and Ohio Edison to Marion area customers.

**C5.2.6. Rapid Rehousing Ohio** — rapidly links families suffering from homelessness to permanent housing through supportive services.

**C5.2.7. Summer Reading Program** — assists school children in reading and math for six weeks during the summer. The Summer Reading Program collaborates closely with the Boys and Girls Club.

**C5.2.8. United Community Rx Program** — enables community members to avail of affordable prescriptions. This program is funded by the Marion Community Foundation, United Way of Marion County and the Community Services Black Grant

**C5.2.9. OHCAC Head Start** — a free preschool education and socialization program for income eligible families and their children

**C5.2.10. Free Tax Help** — facilitated by the Volunteer Income tax Assistance program to help community members with the state and federal tax forms.

**C5.2.11. Emergency Food and Shelter Program** — provides rental assistance within a 12-month period. This is available on a first-come-first-serve basis and depends on availability of funding.

**C5.3. United Way of North Central Ohio** — programs that address social determinants of health include (but not limited to) (a) Meals-on-Wheels and Congregate Dining Center programs; (b) Job readiness; (c) Getting Ahead, a 10-week program to learn more about the community resources and move to self-sufficiency; and (d) Marion Housing Coalition (United Way of North Central Ohio, 2021).



## D. How Data Was Obtained

OhioHealth Marion General Hospital collected the data from various sources as follows:

**D1.** The definition of the community served by OhioHealth Marion General Hospital was developed by determining the percentage of patients who resided in Marion County during Fiscal Year 2019 and 2020, according to the hospital's electronic medical records. See **Section A**.

**D2.** The demographic data of Marion County population was obtained from the Ohio Development Services Agency (Ohio Development Services Agency, n.d.). See **Section B**.

**D3.** Pertinent health data was summarized from Ohio's 2019 Community Health Assessment (Ohio Department of Health, 2020). See **Appendix A**.

**D4.** Pertinent health and health-related data for Marion County, Ohio versus State of Ohio, and United States. See **Appendix B**.

No information gaps were identified that may impact the ability to assess health needs during this community health needs assessment process.

## E. The Significant Health Needs of the Community

From May 19 to June 16, 2021, the community stakeholders (see Appendix C for a listing of stakeholders) were requested to review the summary of health and health-related data for Marion County, Ohio as well as the Marion County demographic profile. Participants sent their assessments of the health needs of Marion County as determined by the types of health conditions of the population and their experiences in serving persons, families, neighborhoods and communities, by email to Mary Ann G. Abiado, PhD, MSN RN, [maryann.abiado@ohiohealth.com](mailto:maryann.abiado@ohiohealth.com) community health nurse and data management and evaluation specialist, OhioHealth Community Health Partnerships.

On June 17, 2021, OhioHealth Marion General Hospital convened a virtual meeting comprised of 26 community stakeholders (including 9 OhioHealth employees) to review the significant health needs by category that were identified by various community stakeholders from May 19, 2021 to June 16, 2021. The distribution of votes, and the significant health needs under each category and the alignment with the 2020-2022 State Health Improvement Plan are tabulated below. Through a unanimous vote, the community stakeholders prioritized the significant health needs (highlighted below) by which OhioHealth Marion General Hospital must address in its Fiscal Year 2023-2025 Implementation Strategy

Significant Health Needs	Priority Health Outcome	Number of Votes	Align with the State Health Improvement Plan
Mental health and addiction	Mental health needs (addiction, depression and anxiety, overall health for youth and adults)	16	Yes
Mental health and addiction	General health habits	3	—
Mental health and addiction	Mental health and addiction needs for students and families (e.g., vaping)	13	—
Chronic disease	Healthy eating behaviors, choices, general health habits such as healthy eating, activity, problem solving and coping	11	Yes
Chronic disease	Obesity	12	Yes
Chronic disease	Diabetes	11	Yes
Chronic disease	Heart disease	11	Yes
Chronic Disease	Cancer	9	Yes
Chronic disease	High blood pressure	2	—
Chronic Disease	Arthritis	2	—
Chronic Disease	Parkinson's Disease	2	—
Maternal and infant/child health	Teen birth rate	12	Yes
Access to care	Access to primary care physicians	12	Yes
Access to care	Access to mental health and addiction services	11	—
Access to care	Access to transportation	10	Yes
Access to care	Access to information and services in languages other than English	10	—
Access to care	Access to dentists	10	—
Social determinants of health	Poverty	10	Yes
Social determinants of health	Healthy food access	9	—
Social determinants of health	Safe and affordable child care	8	—

## F. Primary and Chronic Disease Needs, and Other Health Issues of Uninsured Persons, Low-income Persons and Minority Groups

The primary and chronic disease needs and other health issues of uninsured persons, low-income persons, and minority groups and latest data for each need are summarized in **Appendices A and B**.

## G. The Process for Identifying and Prioritizing Community Health Needs

OhioHealth Marion General Hospital sought public input on the significant health needs affecting Marion County from May 19, 2021 to June 15, 2021. OhioHealth Marion General Hospital summarized the most recent health and health-related data affecting Marion County using credible sources such as the Ohio Department of Health, County Health Rankings, Centers for Disease Control and Prevention. The Marion County demographic profile was obtained from the Ohio Development Services Agency. Apart from the data provided, the OhioHealth Marion General Hospital team communicated to the community stakeholders that their assessments of health needs affecting Marion County also needs to be based from their experiences in serving persons, families, neighborhoods, and communities.

During the June 17, 2021 public meeting, Mary Ann G. Abiado, PhD, MSN, RN, community health nurse and data management and evaluation specialist for OhioHealth, guided the meeting attendees that the selection of priority health needs will need to be based from the following criteria: (a) magnitude of the health problem; (b) seriousness of the consequences of the health problem; and (c) feasibility of correcting the problem (Association of State and Territorial Health Officials (2021)). The meeting participants voted by placing their votes in the Webex chat box or verbally. The final vote counts were recorded in a Powerpoint voting template created by OhioHealth that were visible to all the participants throughout the duration of the meeting.

During the June 17, 2021 virtual meeting, the community stakeholders prioritized the five significant health needs in Marion County: (1) mental health and addiction, (2) chronic disease, (3) maternal and infant/child health; (4) access to care, and (5) social determinants of health. Related to OhioHealth Marion General Hospital's alignment with the 2020-2022 State Health Improvement Plan (SHIP), the community stakeholders would like the hospital to partner with Marion Public Health and other community organizations in addressing mental health and addiction, chronic disease and maternal and infant/child health.

## H. The Process for Consulting with Persons Representing the Community's Interests and Input Provided

OhioHealth Marion General Hospital consulted with persons representing the community's interest by email communications on the following dates (See Appendix C for a listing of participants):

- (a) May 19, 2021
- (b) May 21, 2021
- (c) May 25, 2021
- (d) May 26, 2021
- (e) June 1, 2021
- (f) June 2, 2021
- (g) June 10, 2021
- (h) June 15, 2021

Community stakeholders submitted their assessments of significant health needs by email to Mary Ann G. Abiado, PhD, MSN, RN, [maryann.abiado@ohiohealth.com](mailto:maryann.abiado@ohiohealth.com). Dr. Abiado responded to the community stakeholders with a bulleted list of significant health needs and encouraged the stakeholder to collaborate with the OhioHealth Marion General Hospital team in developing strategies to address the needs, if selected as one of the priority health needs during the meeting on June 17, 2021.

Dr. Abiado created a voting template where the significant health needs were categorized into five groupings: (a) mental health and addiction, (b) chronic disease, (c) maternal and infant health, (d) access to care and (e) social determinants of health. The voting template was shared to the stakeholders through the "Share Screen" mode in Webex. Tallies of votes were recorded following counts provided by Daniel Howell, MBA, RN, senior advisor of operations at Marion General Hospital. During the voting sessions on June 17, 2021, Dr. Abiado stated that prioritization of health needs has to be based from the following criteria: (a) magnitude of the health problem; (b) seriousness of the consequences of the health problem; and (c) feasibility of correcting the problem (Association of State and Territorial Health Officials (2021). When the voting was done for each significant health need, Dr. Abiado displayed the distribution of votes to the stakeholders by sharing the Powerpoint template and recording the votes that the senior advisor of operations Daniel Howell, MBA, RN reported.

Once the top three community health needs were identified within each group, Dr. Abiado obtained input on which of these aspects of the priority health needs would the community stakeholders want the Marion general Hospital to align with the State Health Improvement Plan by collaborating primarily with Marion Public Health and other community stakeholders. The attendees had a unanimous vote that they wanted the hospital to align with the SHIP by addressing mental health and addiction, chronic disease, and maternal and infant/child health. The community stakeholders also unanimously voted that they wanted Marion general Hospital to consider access to care and social determinants of health as priority health factors as part of the SHIP alignment.

All required sources for community input participated in the community health needs assessment process.

No written comments were received on the prior community health needs assessment report.

# I. The Impact of Any Actions Taken to Address the Significant Health Needs Identified in the Hospital Facility's 2019 CHNA

**Appendix D** summarizes the impact of the actions that were identified in the 2020-2022 OhioHealth Marion General Hospital Implementation Strategy to address the significant health needs in Marion County.

# J. Organization Contracted to Assist with the Community Health Needs Assessment

## J1. Bricker & Eckler LLP/INCompliance Consulting (Chris Kenney, Jim Flynn)

Bricker & Eckler LLP, located at 100 South Third Street, Columbus, Ohio 43215, was contracted to review this community health needs assessment (CHNA) report. Jim Flynn is a partner with the Bricker & Eckler healthcare group, where he has practiced for 31 years. His general healthcare practice focuses on health planning matters, certificates of need, non-profit and tax-exempt healthcare providers, and federal and state regulatory issues. Mr. Flynn has provided CHNA consultation to healthcare providers, including non-profit and tax-exempt healthcare providers, as well as public hospitals. Chris Kenney is the director of regulatory services with INCompliance Consulting, an affiliate of Bricker & Eckler LLP. Ms. Kenney has more than 42 years of experience in healthcare planning and policy development, federal and state regulations, certificate-of-need regulations, and Medicare and Medicaid certification. She has been conducting CHNAs in compliance with federal rules since 2012, providing expert testimony on community needs and offering presentations and educational sessions regarding CHNAs.

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# Appendix A. Data and Information from the 2019 State Health Assessment

## Appendix A1. Summary of Data and Information from the State Health Assessment, Ohio 2019 (Health Policy Institute of Ohio and Ohio Department of Health, 2019)

**Appendix A1.1.** Ohioans' overall wellbeing declined. Premature death, life expectancy and overall health worsened. The leading causes of premature death in 2017 were unintentional injuries (including drug overdose), cancer and heart disease. Ohio's life expectancy dropped from 77.6 years in 2010 to 76.5 years in 2017. Increase in infant deaths, blood pressure, late-stage cancer diagnosis was observed. Black or African Americans life expectancy in 2017 was 72.8 years compared to 77 among Whites.

**Appendix A1.2.** Ohioans' lack opportunities to reach full health potential. Ohioans who are black or African American, with low income, with disabilities or live in Appalachian counties have worse health outcomes compared to overall Ohio population.

**Appendix A1.3.** Health promotion activities need to be addressed. Interventions need to focus on the following: (i) physical activity, (ii) tobacco use, (iii) access to dental care, (iv) access to mental health, (v) income disparities, (vi) unemployment, (vii) adverse childhood experiences (ACEs), (viii) access to transportation, (ix) lead poisoning and (x) racism.

**Appendix A1.4.** Ohio's significant health challenges continue to be mental health and addiction, chronic disease, and maternal and infant health. Ohio's performance worsened or did not improve. Cross-cutting factors include poverty, lack of access to transportation, lack of physical activity, unhealthy eating, and lack of access to care.

**Appendix A1.5.** Ohio's addiction crisis increased prevalence of hepatitis and number of children in foster care.

**Appendix A1.6.** Multi-sector collaboration is important to improve health. Approximately 80 percent of modifiable factors that can improve health are related to health behaviors (healthy eating and tobacco cessation) and social determinants of health (housing, transportation, education, employment). Poverty, racism, discrimination, trauma, violence and toxic stress lead to health disparities.

**Appendix A2. State of Ohio's Progress on 2017-2019 State Health Improvement Plan Outcomes related to Overall Health**

<b>Desired Outcome</b>	<b>Indicator</b>	<b>Baseline (2015)</b>	<b>Current Year (2017)</b>
Improve overall health status	% of adults with fair or poor health	16.5%	18.9%
Improve overall health status	<u>Worst outcome</u> – Low-income adults (less than \$15,000 annual household income)	38.6%	45.1%
Reduce premature death	Years of potential life lost before age 75, per 100,000 population (age-adjusted)	7,876.1	8,774.5
Reduce premature death	<u>Worst outcome</u> – <u>Black</u> (non-Hispanic)	10,850.5	12,599

**Appendix A3. State of Ohio's Progress on 2017-2019 State Health Improvement Plan Outcomes related to Mental Health and Addiction**

<b>Desired Outcome</b>	<b>Indicator</b>	<b>Baseline (2013-2014)</b>	<b>2015-2016</b>
Reduce depression (%)	% of persons 12-17 years with a major depressive episode in the past year	10.33%	13.98%
	% persons ages 18+ with a major depressive episode in the past year	7.33%	7.85%
Reduce drug dependence or abuse (%)	% persons age 12+ who has illicit drug dependence or abuse in the past year	2.76%	2.61%
Reduce suicide deaths (Number of deaths per 100,000 population)	Number of suicide deaths per 100,000 population	13.9	14.8
	<i>Males ages 10-24</i>	15.9	18.5
	<i>Males ages 25-44</i>	28.5	33.6
	<i>White (non-Hispanic) males ages 45-64</i>	34	32.1
	<i>White (non-Hispanic) males ages 65+</i>	32.2	33
Reduce unintentional drug overdose death (Number of deaths per 100,000 population)	Number of deaths due to unintentional drug overdoses per 100,000 population	27.7	44.1
	<i>White (non-Hispanic) males ages 25-44</i>	87.1	136.7
	<i>White (non-Hispanic) males ages 45-64</i>	43.5	72.4
	<i>White (non-Hispanic) females ages 25-54</i>	39.7	59.9
	<i>Black (non-Hispanic) males ages 25-54</i>	50.9	99
	<i>Black (non-Hispanic) males 55-64</i>	74.7	137.8

Appendix A4. State of Ohio's Progress on 2017-2019 State Health Improvement Plan Outcomes related to Chronic Disease

Desired Outcome	Indicator	Baseline (2015)	2017
Reduce heart disease (%)	% of adults ever diagnosed with coronary heart disease	4.2%	4.7%
	% of adults ever diagnosed with heart attack	4.9%	5.5%
Reduce hypertension (%)	% of adults ever diagnosed with hypertension	34.3%	34.7%
	<i>Black or African American (non-Hispanic)</i>	40.3%	40%
	<i>People with a disability</i>	53.1%	No data
	<i>People with less than high school diploma</i>	40.7%	48.9%
	<i>People with less than \$15,000 annual household income</i>	35.7%	46.6%
	<i>People older than 65 years</i>	62.2%	60%
	<i>People who live in Appalachian counties</i>	39.7%	No data
Reduce diabetes (%)	% of adults who have been told by a health professional that they have diabetes	11%	11.3%
	<i>Black or African American (non-Hispanic)</i>	14.1%	14.2%
	<i>People with a disability</i>	21.8%	No data
	<i>People with less than high school diploma</i>	13.6%	15.8%
	<i>People with less than \$15,000 annual household income</i>	13.7%	19.4%
	<i>People older than 65 years</i>	23.4%	22.8%
	<i>People who live in Appalachian counties</i>	12.3%	No data
Monitor prediabetes (%)	% of adults who have been told by a health professional that they have prediabetes	7.5%	8.8%
Reduce child asthma morbidity (Emergency department visits per 10,000 children)	Emergency department visits for pediatric asthma, per 10,000 children, ages 0-17 (does not include patients with cystic fibrosis or respiratory system abnormalities or transfers)	86.9	72.3
	<i>Black or African American</i>	245.6	175.9
	<i>Appalachian counties</i>	78.2	No data

**Appendix A5. State of Ohio's Progress on 2017-2019 State Health Improvement Plan Outcomes related to Maternal and Infant Health**

<b>Desired Outcome</b>	<b>Indicator</b>	<b>Baseline (2015)</b>	<b>Current Year (2017)</b>
Reduce preterm births (%)	% of live births that are preterm, less than 37 weeks gestation	10.3%	10.4%
	<i>Black, non-Hispanic</i>	14.1%	14.3%
	<i>People with less than high school diploma</i>	11.5%	11.7%
	<i>Less than 18 years old</i>	10.7%	10.7%
Reduce very preterm births (%)	% of births which the newborn weighed less than 32 weeks	1.7%	1.8%
Reduce low birth-weight births (%)	% of births in which the newborn weighed less than 2,500 grams	8.5%	8.7%
	<i>Black, non-Hispanic</i>	13.9%	14.3%
	<i>People with less than high school diploma</i>	10.8%	11.3%
	<i>Less than 18 years old</i>	10.2%	10.8%
Reduce infant mortality	Rate of infant deaths per 1,000 live births	7.2	7.2
	<i>Black, Non-Hispanic</i>	15.2	15.8
Reduce neonatal infant deaths	Rate of neonatal infant deaths per 1,000 live births	4.8	5
Reduce post-neonatal infant deaths	Rate of post-neonatal infant deaths per 1,000 live births	2.4	2.2

# Appendix B. Summary of Data and Information for Marion County, Ohio

Appendix B1. Summary of Top 15 Leading Causes of Death, Marion County versus Ohio (2019 Online State Health Assessment) (Ohio Department of Health, n.d.; Centers for Disease Control and Prevention, National Center for Health Statistics, n.d.)

Leading Causes of Death	Data Years	Marion County	Ohio	U.S.
<b>Heart Disease</b> (Age-adjusted mortality rate due to heart disease, per 100,000 population)	2014	224.9	185.9	—
	2015	227.6	191.4	168.5
	2016	205.9	184.6	165.5
	2017	183.4	186.1	165
<b>Cancer</b> (Age-adjusted mortality rate due to cancer, per 100,000 population)	2014	188.1	177.6	—
	2015	174.4	175	158.5
	2016	214.8	173.1	155.8
	2017	192	171.3	152.5
<b>Chronic Lower Respiratory Diseases</b> (Age-adjusted mortality rate due to chronic lower respiratory diseases, per 100,000 population)	2014	55.3	47.1	—
	2015	65.1	49.5	41.6
	2016	52.1	47.4	40.6
	2017	62.8	48.4	40.9
<b>Stroke</b> (Age-adjusted mortality rate due to stroke, per 100,000 population)	2014	46.8	39.9	—
	2015	41	40.6	37.6
	2016	33.4	40.5	37.3
	2017	30.9	42.9	37.6
<b>Unintentional Injuries</b> (Age-adjusted mortality rate due to unintentional injuries, per 100,000 population)	2014	81.7	50.6	—
	2015	73.5	55.8	43.2
	2016	80.7	66.5	47.4
	2017	81.9	75.1	49.4
<b>Diabetes Mellitus</b> (Age-adjusted mortality rate due to Diabetes Mellitus, per 100,000 population)	2014	44.9	25.6	—
	2015	40.2	25.2	21.3
	2016	36.8	24.5	21
	2017	35.7	25.2	21.5
<b>Suicide</b> (Age-adjusted mortality rate due to suicide, per 100,000 population)	2014	10.7	12.5	—
	2015	20.7	13.9	13.3
	2016	20.7	14.1	13.5
	2017	16.4	14.8	—
<b>Influenza and Pneumonia</b> (Age-adjusted mortality rate due to Influenza and Pneumonia, per 100,000 population)	2014	5.8	16.8	—
	2015	11.4	16.6	15.2
	2016	17.5	15	13.5
	2017	16.8	14.9	14.3



Continuation of Appendix B1. Summary of Top 15 Leading Causes of Death, Marion County versus Ohio (2019 Online State Health Assessment) (Ohio Department of Health, n.d.; Centers for Disease Control and Prevention, National Center for Health Statistics, n.d.)

Leading Causes of Death	Data Years	Marion County	Ohio	U.S.
<b>Alzheimer's Disease</b> (Age-adjusted mortality rate due to Alzheimer's Disease, per 100,000 population)	2014	22.2	27.6	—
	2015	28.9	31.1	29.4
	2016	25.3	33.3	30.3
	2017	22.4	33.6	31
<b>Chronic Liver Disease and Cirrhosis</b> (Age-adjusted mortality rate due to chronic liver disease and cirrhosis, per 100,000 population)	2014	17.8	10.4	—
	2015	16	10.7	—
	2016	13.6	10.9	—
	2017	11.2	11.2	10.9
<b>Essential Hypertension (Primary) and Hypertensive Renal Disease</b> (Age-adjusted mortality rate due to essential hypertension and hypertensive renal failure, per 100,000 population)	2014	14.8	9.3	—
	2015	14.8	9.5	—
	2016	25.5	9.2	—
	2017	26.3	9.1	9
<b>Kidney Disease and other Kidney-Related Disorders</b> (Age-adjusted mortality rate due to nephritis, nephrotic syndrome, and nephrosis, per 100,000 population)	2014	6.9	14	—
	2015	7.2	14.5	13.4
	2016	12.8	15.3	13.1
	2017	7.1	15	13
<b>Parkinson's Disease</b> (Age-adjusted mortality rate due to Parkinson's Disease, per 100,000 population)	2014	7.8	7.8	—
	2015	10	8	—
	2016	—	8.6	—
	2017	5.8	8.7	8.4
<b>Pneumonitis due to solids and liquids</b> (Age-adjusted mortality rate due to pneumonitis per 100,000 population)	2014	—	5.6	—
	2015	—	5.9	—
	2016	—	6.2	—
	2017	6.9	5.7	5.1
<b>Septicemia</b> (Age-adjusted mortality rate due to septicemia, per 100,000 population)	2014	—	12.1	—
	2015	10.3	13.6	—
	2016	12.2	13.7	—
	2017	14.9	14	10.6

**Appendix B2. Summary of Top 15 Leading Causes of Death in 2017, Marion County versus Ohio, By Race/Ethnicity, (2019 Online State Health Assessment) (Ohio Department of Health, n.d.; Centers for Disease Control and Prevention, National Center for Health Statistics, n.d.)**

Leading Causes of Death	Marion County (Age-Adjusted Mortality Rate per 100,000 Population)		Ohio (Age-Adjusted Mortality Rate per 100,000 Population)		U.S. (Age-Adjusted Mortality Rate per 100,000 Population)	
Cancer	Total population	192	Total population	171.3	Total population	152.5
	African American (non-Hispanic)	—	African American (non-Hispanic)	196.5	African American (non-Hispanic)	178
	White (non-Hispanic)	205.2	White (non-Hispanic)	176.3	White (non-Hispanic)	157.9
	Hispanic	—	Hispanic	—	Hispanic	108.1
Heart Disease	Total population	183.4	Total population	186.1	Total population	165
	African American (non-Hispanic)	—	African American (non-Hispanic)	211.8	African American (non-Hispanic)	208
	White (non-Hispanic)	185.8	White (non-Hispanic)	185.6	White (non-Hispanic)	168.9
	Hispanic	—	Hispanic	—	Hispanic	114.1
Unintentional Injuries	Total population	81.9	Total population	75.1	Total population	49.4
	African American (non-Hispanic)	—	African American (non-Hispanic)	72.9	African American (non-Hispanic)	47.6
	White (non-Hispanic)	84.9	White (non-Hispanic)	78.3	White (non-Hispanic)	56.2
	Hispanic	—	Hispanic	—	Hispanic	32.5
Chronic Lower Respiratory Diseases	Total population	62.8	Total population	48.4	Total population	40.9
	African American (non-Hispanic)	—	African American (non-Hispanic)	34.6	African American (non-Hispanic)	30.2
	White (non-Hispanic)	63.8	White (non-Hispanic)	51	White (non-Hispanic)	46.4
	Hispanic	—	Hispanic	—	Hispanic	17.2

Continuation of Appendix B2. Summary of Top 15 Leading Causes of Death in 2017, Marion County versus Ohio, By Race/Ethnicity, (2019 Online State Health Assessment) (Ohio Department of Health, n.d.; Centers for Disease Control and Prevention, National Center for Health Statistics, n.d.)

Leading Causes of Death	Marion County (Age-Adjusted Mortality Rate per 100,000 Population)		Ohio (Age-Adjusted Mortality Rate per 100,000 Population)		U.S. (Age-Adjusted Mortality Rate per 100,000 Population)	
Diabetes Mellitus	Total population	35.7	Total population	25.2	Total population	21.5
	African American (non-Hispanic)	—	African American (non-Hispanic)	41.2	African American (non-Hispanic)	38.7
	White (non-Hispanic)	34.9	White (non-Hispanic)	23.6	White (non-Hispanic)	18.8
	Hispanic	—	Hispanic	—	Hispanic	25.5
Stroke	Total population	30.9	Total population	42.9	Total population	37.6
	African American (non-Hispanic)	—	African American (non-Hispanic)	51.6	African American (non-Hispanic)	52.7
	White (non-Hispanic)	28.3	White (non-Hispanic)	42.2	White (non-Hispanic)	36.4
	Hispanic	—	Hispanic	—	Hispanic	31.8
Essential (primary) hypertension and hypertensive renal disease	Total population	26.3	Total population	9.1	Total population	9
	African American (non-Hispanic)	—	African American (non-Hispanic)	17.7	African American (non-Hispanic)	17.1
	White (non-Hispanic)	24.5	White (non-Hispanic)	8.2	White (non-Hispanic)	8
	Hispanic	—	Hispanic	—	Hispanic	8.3
Alzheimer's Disease	Total population	22.4	Total population	33.6	Total population	31
	African American (non-Hispanic)	—	African American (non-Hispanic)	30.4	African American (non-Hispanic)	28.5
	White (non-Hispanic)	22.4	White (non-Hispanic)	34.3	White (non-Hispanic)	32.8
	Hispanic	—	Hispanic	—	Hispanic	24.7

Continuation of Appendix B2 Summary of Top 15 Leading Causes of Death in 2017, Marion County versus Ohio, By Race/Ethnicity, (2019 Online State Health Assessment) (Ohio Department of Health, n.d.; Centers for Disease Control and Prevention, National Center for Health Statistics, n.d.)

Leading Causes of Death	Marion County (Age-Adjusted Mortality Rate per 100,000 Population)		Ohio (Age-Adjusted Mortality Rate per 100,000 Population)		U.S. (Age-Adjusted Mortality Rate per 100,000 Population)	
Influenza and Pneumonia	Total population	16.8	Total population	14.9	Total population	14.3
	African American (non-Hispanic)	—	African American (non-Hispanic)	15.2	African American (non-Hispanic)	15.2
	White (non-Hispanic)	17.6	White (non-Hispanic)	15	White (non-Hispanic)	14.4
	Hispanic	—	Hispanic	—	Hispanic	11.3
Suicide	Total population	16.4	Total population	14.8	Total population	—
	African American (non-Hispanic)	—	African American (non-Hispanic)	9.2	African American (non-Hispanic)	—
	White (non-Hispanic)	18.9	White (non-Hispanic)	16.2	White (non-Hispanic)	—
	Hispanic	—	Hispanic	—	Hispanic	—
Septicemia	Total population	14.9	Total population	14	Total population	10.6
	African American (non-Hispanic)	—	African American (non-Hispanic)	20.5	African American (non-Hispanic)	17.4
	White (non-Hispanic)	13.4	White (non-Hispanic)	13.5	White (non-Hispanic)	10.3
	Hispanic	—	Hispanic	—	Hispanic	7.9
Chronic Liver Disease and Cirrhosis	Total population	11.2	Total population	11.2	Total population	10.9
	African American (non-Hispanic)	—	African American (non-Hispanic)	10.1	African American (non-Hispanic)	7.5
	White (non-Hispanic)	—	White (non-Hispanic)	11.6	White (non-Hispanic)	11.3
	Hispanic	—	Hispanic	—	Hispanic	14.3

Continuation of Appendix B2. Summary of Top 15 Leading Causes of Death in 2017, Marion County versus Ohio, By Race/Ethnicity, (2019 Online State Health Assessment) (Ohio Department of Health, n.d.; Centers for Disease Control and Prevention, National Center for Health Statistics, n.d.)

Leading Causes of Death	Marion County (Age-Adjusted Mortality Rate per 100,000 Population)		Ohio (Age-Adjusted Mortality Rate per 100,000 Population)		U.S. (Age-Adjusted Mortality Rate per 100,000 Population)	
Nephritis, Nephrotic Syndrome and Nephrosis	Total population	7.1	Total population	15	Total population	13
	African American (non-Hispanic)	—	African American (non-Hispanic)	29	African American (non-Hispanic)	25.8
	White (non-Hispanic)	—	White (non-Hispanic)	13.5	White (non-Hispanic)	11.7
	Hispanic	—	Hispanic	—	Hispanic	11.3
Pneumonitis due to solids and liquids	Total population	6.9	Total population	5.7	Total population	5.1
	African American (non-Hispanic)	—	African American (non-Hispanic)	15.2	African American (non-Hispanic)	—
	White (non-Hispanic)	—	White (non-Hispanic)	5.9	White (non-Hispanic)	5.4
	Hispanic	—	Hispanic	—	Hispanic	—
Parkinson's disease	Total population	5.8	Total population	8.7	Total population	8.4
	African American (non-Hispanic)	—	African American (non-Hispanic)	5.5	African American (non-Hispanic)	—
	White (non-Hispanic)	—	White (non-Hispanic)	9.2	White (non-Hispanic)	9.2
	Hispanic	—	Hispanic	—	Hispanic	—

**Appendix B3. Summary of Healthcare Utilization, Marion County versus Ohio (2019 Online State Health Assessment) (Ohio Department of Health, n.d.)**

	<b>Data Years</b>	<b>Marion County</b>	<b>Ohio</b>	<b>U.S.</b>
<b>All Cause Readmission Rate for Medicare patients</b> (Percent of Medicare patients experiencing an unplanned admission to an acute care hospital within 30 days of discharge)	2012	20.1%	19.7%	18.6%
	2013	17.7%	18.9%	18%
	2014	18.8%	18.7%	18%
	2015	18.8%	18.1%	17.9%
	2016	19.4%	18%	17.9%
<b>Heart Failure Readmission Rate for Medicare</b> (Percent of Medicare patients discharged from the hospital with a principal diagnosis of heart failure who were readmitted for any cause within 30 days after the index admission date)	2012	22%	21%	—
	2013	19%	20%	—
	2014	19%	20%	—
	2015	21%	21%	—
	2016	20%	21%	—
Covered Hospital Inpatient Days (per 1,000 Medicare Beneficiaries)	2012	1,662	1,769	1,632
	2013	1,561	1,693	1,574
	2014	1,509	1,628	1,526
	2015	1,470	1,528	1,504
	2016	1,543	1,467	1,455
Annual Standardized Risk Adjusted Cost Per Medicare Beneficiary with 0 chronic condition	2016	\$3,864	\$3,946	\$3,961
Annual Standardized Risk Adjusted Cost Per Medicare Beneficiary with 1 chronic condition	2016	\$5,330	\$5,539	\$5,556
Annual Standardized Risk Adjusted Cost Per Medicare Beneficiary with 2 chronic conditions	2016	\$6,325	\$6,554	\$6,565
Annual Standardized Risk Adjusted Cost Per Medicare Beneficiary with 3 or more chronic conditions	2016	\$13,442	\$14,086	\$13,627

**Appendix B4. Race Breakdown of Marion County Health Outcomes, Health Behaviors, Clinical Care and Social and Economic Factors (County Health Rankings, 2021)**

<b>Data Measure</b>	<b>Race/Ethnicity</b>	<b>Marion County</b>	<b>Ohio</b>
<b>Low birth weight</b> (Percent of live births with low birthweight (<2,500 grams))	Total population	9%	9%
	American Indian and Alaska Native	—	10%
	Asian	—	9%
	African American	13%	14%
	Hispanic	10%	8%
	White	9%	7%
<b>Life expectancy</b> (Average number of years a person can expect to live)	Total population	75.2 years	77 years
	American Indian and Alaska Native	—	100.3 years
	Asian	—	88.2 years
	African American	74.7 years	73.5 years
	Hispanic	87.3 years	86 years
	White	74.8 years	77.2 years
<b>Teen births</b> (Number of births per 1,000 female population ages 15-19)	Total population	42 per 1,000	22 per 1,000
	American Indian and Alaska Native	—	20 per 1,000
	Asian	—	6 per 1,000
	African American	35 per 1,000	40 per 1,000
	Hispanic	52 per 1,000	36 per 1,000
	White	43 per 1,000	18 per 1,000
<b>Preventable hospital stays</b> (Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees)	Total population	6,674 per 100,000	4,901 per 100,000
	American Indian and Alaska Native	—	7,161 per 100,000
	Asian	—	2,557 per 100,000
	African American	11,777 per 100,000	7,182 per 100,000
	Hispanic	5,066 per 100,000	5,292 per 100,000
	White	6,503 per 100,000	4,708 per 100,000
<b>Flu vaccinations</b> (Percent of fee-for-service Medicare enrollees that had an annual flu vaccination)	Total population	50%	51%
	American Indian and Alaska Native	—	44%
	Asian	57%	51%
	African American	36%	39%
	Hispanic	37%	46%
	White	51%	52%
<b>Children in poverty</b> (Percent of people under age 18 in poverty)	Total population	20%	18%
	American Indian and Alaska Native	—	28%
	Asian	—	12%
	African American	38%	43%
	Hispanic	35%	32%
	White	20%	14%

Continuation of Appendix B4. Race Breakdown of Marion County Health Outcomes, Health Behaviors, Clinical Care and Social and Economic Factors (County Health Rankings, 2021)

Data Measure	Race/Ethnicity	Marion County	Ohio
<b>Median household income</b> (Income where half of households in a county earn more and half of households earn less)	Total population	\$51,479	\$58,704
	American Indian and Alaska Native	—	\$34,943
	Asian	—	\$76,054
	African American	\$35,402	\$33,158
	Hispanic	\$31,042	\$44,500
	White	\$49,105	\$61,427



**Appendix B5. Percent of leading cancer cases (incidence rate) by site/type in Marion County, 2012-2016  
(Ohio Department of Health, 2019)**

<b>Cancer Site/Type</b>	<b>Percent</b>
Lung and bronchus cancer	17.9%
Breast (female)	12.1%
Colon and rectum	11.9%
Prostate	8.1%
Melanoma of the skin	4.5%

**Appendix B6. Percent of leading cancer deaths (mortality rate) by site/type in Marion County, 2012-2016  
(Ohio Department of Health, 2019)**

<b>Cancer Site/Type</b>	<b>Percent</b>
Lung and bronchus	31.9%
Colon and rectum	8.1%
Breast (female)	5.8%
Pancreas	5.1%
Leukemia	4.6%

Appendix B7. Summary of Cancer Data, Marion County versus Ohio and United States (Ohio Department of Health, 2019)

	Data Years	Marion County	Ohio	U.S.
<b>All Cancer Sites/Types Combined Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	467.6	461.9	442
<b>All Cancer Sites/Types Combined Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	193.8	176.8	161
<b>Urinary Bladder Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	19.2	22	20.1
<b>Urinary Bladder Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	5.1	5	4.4
<b>Brain and Other Central Nervous System Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	4.7	7.1	6.4
<b>Brain and Other Central Nervous System Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	3.6	4.6	4.4
<b>Female Breast Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	116	127.4	127.5
<b>Female Breast Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	21.2	22.4	20.6
<b>Cervix Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	15.9	7.6	7.3
<b>Cervix Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	6.1	2.3	2.3
<b>Colon and Rectum Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	55.4	41.5	38.6
<b>Colon and Rectum Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	15.9	15.7	14.2

Continuation of Appendix B7. Summary of Cancer Data, Marion County versus Ohio and United States  
(Ohio Department of Health, 2019)

	Data Years	Marion County	Ohio	U.S.
<b>Esophageal Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	2.7	5.2	4.3
<b>Esophageal Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	4.2	5	4
<b>Hodgkin Lymphoma Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	—	2.8	2.7
<b>Hodgkin Lymphoma Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	—	0.3	0.3
<b>Kidney and Renal Pelvis Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	18.1	17.1	16.1
<b>Kidney and Renal Pelvis Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	3.1	3.9	3.8
<b>Laryngeal Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	5.2	4	3
<b>Laryngeal Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	1.9	1.3	1
<b>Leukemia Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	12.6	12.2	14.1
<b>Leukemia Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	9	6.9	6.5

Continuation of Appendix B7. Summary of Cancer Data, Marion County versus Ohio and United States  
(Ohio Department of Health, 2019)

	Data Years	Marion County	Ohio	U.S.
<b>Liver and Intrahepatic Bile Duct Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	7.5	7	8.8
<b>Liver and Intrahepatic Bile Duct Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	7.2	5.9	6.5
<b>Lung and Bronchus Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	80.4	68.5	54.9
<b>Lung and Bronchus Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	60	50.3	41.9
<b>Melanoma of the Skin Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	22.8	22.9	22.2
<b>Melanoma of the Skin Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	3.3	2.8	2.5
<b>Multiple Myeloma Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	6	6	6.9
<b>Multiple Myeloma Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	3.4	3.6	3.3
<b>Non-Hodgkin Lymphoma Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	21.1	19.1	19.6
<b>Non-Hodgkin Lymphoma Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	4.7	6.1	5.6

Continuation of Appendix B7. Summary of Cancer Data, Marion County versus Ohio and United States  
(Ohio Department of Health 2019)

	Data Years	Marion County	Ohio	U.S.
<b>Oral Cavity and Pharyngeal Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	13.2	11.8	11.3
<b>Oral Cavity and Pharyngeal Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	3.7	2.7	2.5
<b>Ovarian Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	8	11	11.4
<b>Ovarian Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	9.4	7.4	7
<b>Pancreatic Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	10.2	12.8	12.9
<b>Pancreatic Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	9.8	11.6	11
<b>Prostate Cancer Incidence Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	72.5	103	109.5
<b>Prostate Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	21.1	19	19.2
<b>Stomach Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	7.3	6.4	7.4
<b>Stomach Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	3.6	2.7	3.1
<b>Testicular Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	5.5	5.8	5.9
<b>Testicular Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	—	0.3	0.3

Continuation of Appendix B7. Summary of Cancer Data, Marion County versus Ohio and United States  
(Ohio Department of Health, 2019)

	<b>Data Years</b>	<b>Marion County</b>	<b>Ohio</b>	<b>U.S.</b>
<b>Thyroid Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	17.1	15.1	15.8
<b>Thyroid Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	—	0.5	0.5
<b>Uterine Cancer Incidence Rates</b> (Average annual age-adjusted incidence rates per 100,000 population)	2012-2016	28.2	29.7	27.5
<b>Uterine Cancer Mortality Rates</b> (Average annual age-adjusted mortality rates per 100,000 population)	2012-2016	5.2	5	4.7

**Appendix B8. Prevalence of Cancer Screenings based from the Ohio Behavioral Risk Factor Surveillance System; Marion County and Ohio (2016, 2018, 2019); United States (2018) (Ohio Department of Health, n.d., c; U.S. Department of Health and Human Services, n.d.)**

	<b>Marion County</b>	<b>Ohio</b>	<b>U.S.</b>
Prevalence of Mammography in the Past Two Years among Women Ages 50-74	89.5	78.2%	78.9%
Prevalence of Pap Testing in the Past Three Years among Women Ages 21-65	86.4%	76.6%	79.9%
Prevalence of Colorectal Cancer Screening Guidelines among Adults Ages 50-75	70.7%	67.7%	69.3%

**Appendix B9. Summary of Health Outcomes and Health Factors in Marion County Related to Mental Health and Addiction (County Health Rankings, 2021)**

	<b>Data Years</b>	<b>Marion County</b>	<b>Ohio</b>
<b>Poor or fair health</b> (Percent of adults reporting poor or fair health; age-adjusted)	2018	22%	18%
<b>Poor physical health days</b> (Average number of physically unhealthy days reported in past 30 days; age adjusted)	2018	5 days in past 30 days	4.1 days in past 30 days
<b>Poor mental health days</b> (Average number of mentally unhealthy days reported in past 30 days; age-adjusted)	2018	4.9 days in past 30 days	4.8 days in past 30 days
<b>Life expectancy</b> (Average number of years a person can expect to live)	2017-2019	75.2 years	77 years
<b>Frequent physical distress</b> (Percent of adults reporting 14 or more days of poor physical health per month; age adjusted)	2018	15%	12%
<b>Frequent mental distress</b> (Percent of adults reporting 14 or more days of poor mental health per month; age adjusted)	2018	17%	16%
<b>Adult smoking</b> (Percent of adults who are current smokers; age-adjusted)	2018	26% (a)	21%
<b>Excessive drinking</b> (Percent of adults reporting binge or heavy drinking; age adjusted)	2018	16% (c)	18%
<b>Alcohol-impaired driving deaths</b> (Percent of driving deaths with alcohol involvement)	2015-2019	33%	32%
<b>Drug overdose deaths</b> (Number of drug poisoning deaths per 100,000 population)	2017-2019	48 per 100,000	38 per 100,000
<b>Insufficient sleep</b> (Percent of adults who report fewer than seven hours of sleep on average; age adjusted)	2018	42%	41%
<b>Percent uninsured</b> (Percent of population under age 65 without health insurance)	2018	7% (c, d)	8%
<b>Percent uninsured adults</b> (Percent of adults under age 65 without health insurance)	2018	8% (d)	9%
<b>Percent uninsured children</b> (Percent of children under age 19 without health insurance)	2018	5% (d)	5%
<b>Access to primary care physicians</b> (Ratio of population to primary care physicians)	2018	3,630:1 (a, b)	1,300:1

- (a) Areas to explore (red shade) according to the County Health Rankings (2021)
- (b) Marion County is getting worse (red shade) for this measure according to the County Health Rankings (2021)
- (c) Areas of strength (green shade) according to the County Health Rankings (2021)
- (d) Marion County is getting better (green shade) for this measure according to the County Health Rankings (2021)



Continuation of Appendix B9. Summary of Health Outcomes and Health Factors in Marion County Related to Mental Health and Addiction (County Health Rankings, 2021)

	Data Years	Marion County	Ohio
<b>Access to other primary care providers</b> (Ratio of population to primary care providers other than physicians).	2020	820:1	920:1
<b>Access to mental health providers</b> (Ratio of population to mental health providers)	2020	600:1	380:1
<b>Rate of violent crime</b> (Number of reported violent crime offenses per 100,000 population)	2014, 2016	215 per 100,000 (b)	293 per 100,000
<b>Rate of injury deaths</b> (Number of injury-related deaths per 100,000 population)	2015-2019	109 per 100,000 (a)	91 per 100,000
<b>Suicides</b> (Number of deaths due to suicide per 100,000 population; age adjusted)	2015-2019	20 per 100,000	15 per 100,000
<b>Firearm fatalities</b> (Number of deaths due to firearms per 100,000 population)	2015-2019	13 per 100,000	13 per 100,000
<b>Juvenile arrests</b> (Rate of delinquency cases per 1,000 juveniles)	2018	78 per 1,000	38 per 1,000

- (a) Areas to explore (red shade) according to the County Health Rankings (2021)
- (b) Marion County is getting worse (red shade) for this measure according to the County Health Rankings (2021)
- (c) Areas of strength (green shade) according to the County Health Rankings (2021)
- (d) Marion County is getting better (green shade) for this measure according to the County Health Rankings (2021)

**Appendix B10. Summary of Health Outcomes and Health Factors in Marion County Related to Poverty  
(County Health Rankings, 2021)**

	<b>Data Years</b>	<b>Marion County</b>	<b>Ohio</b>
<b>Life expectancy</b> (Average number of years a person can expect to live)	2017-2019	75.2 years	77 years
<b>Food insecurity</b> (Percent of population who lack adequate access to food)	2018	15%	14%
<b>Limited access to healthy foods</b> (Percent of population who are low-income and do not live close to a grocery store)	2015	18%	7%
<b>Percent uninsured</b> (Percent of population under age 65 without health insurance)	2018	7% (c, d)	8%
<b>Percent uninsured adults</b> (Percent of adults under age 65 without health insurance) <sup>c</sup>	2018	8% (d)	9%
<b>Percent uninsured children</b> (Percent of children under age 19 without health insurance) <sup>c</sup>	2018	5% (d)	5%
<b>High school completion</b> (Percent of adults ages 25 and over with a high school diploma or equivalent)	2015-2019	88%	90%
<b>Some college</b> (Percent of adults ages 25-44 with some post-secondary education)	2015-2019	47% (a)	66%
<b>Unemployment</b> (Percent of population ages 16 and older unemployed but seeking work)	2019	4.1% (c)	4.1%
<b>Children in poverty</b> (Percent of people under age 18 in poverty)	2019	20% (b)	18%
<b>Income inequality</b> (Ratio of household income at the 80 <sup>th</sup> percentile to income at the 20 <sup>th</sup> percentile)	2015-2019	4.6	4.7
<b>Children in single-parent households</b> (Percent of children that live in a household headed by single parent)	2015-2019	29%	27%
<b>Children eligible for free or reduced-price lunch</b> (Percent of children enrolled in public schools that are eligible for free or reduced price lunch)	2018-2019	40%	36%
<b>Severe housing cost burden</b> (Percent of households that spent 50% or more of their household income on housing)	2015-2019	12%	12%

- (a) Areas to explore (red shade) according to the County Health Rankings (2021)
- (b) Marion County is getting worse (red shade) for this measure according to the County Health Rankings (2021)
- (c) Areas of strength (green shade) according to the County Health Rankings (2021)
- (d) Marion County is getting better (green shade) for this measure according to the County Health Rankings (2021)

**Appendix B11. Summary of Health Outcomes and Health Factors in Marion County Related to Chronic Conditions (County Health Rankings, 2021)**

	<b>Data Years</b>	<b>Marion County</b>	<b>Ohio</b>
<b>Poor or fair health</b> (Percent of adults reporting poor or fair health; age-adjusted)	2018	22%	18%
<b>Poor physical health days</b> (Average number of physically unhealthy days reported in past 30 days; age adjusted)	2018	5 days in past 30 days	4.1 days in past 30 days
<b>Life expectancy</b> (Average number of years a person can expect to live)	2017-2019	75.2 years	77 years
<b>Frequent physical distress</b> (Percent of adults reporting 14 or more days of poor physical health per month; age adjusted)	2018	15%	12%
<b>Diabetes prevalence</b> (Percent of adults aged 20 and above with diagnosed diabetes)	2018	12%	12%
<b>HIV prevalence</b> (Number of people aged 13 years and older living with a diagnosis of human immunodeficiency virus (HIV) infection per 100,000 population)	2018	197 per 100,000	228 per 100,000
<b>Adult smoking</b> (Percent of adults who are current smokers; age-adjusted) <sup>a</sup>	2018	26% (a)	21%
<b>Adult obesity</b> (Percent of adult population (age 20 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m <sup>2</sup> <sup>b</sup> )	2017	39% (a, b)	34%
<b>Food environment index</b> (Index of factors that contribute to a healthy food environment, from 0 (worst) to 10 (best)).	2015, 2018	6.3 in a scale of 0 to 10 (a)	6.8 in a scale of 0 to 10
<b>Physical inactivity</b> (Percent of adults age 20 and over reporting no leisure-time physical activity)	2017	30% (b)	26%
<b>Food insecurity</b> (Percent of population who lack adequate access to food)	2018	15%	14%
<b>Limited access to healthy foods</b> (Percent of population who are low-income and do not live close to a grocery store)	2015	18%	7%

- (a) Areas to explore (red shade) according to the County Health Rankings (2021)
- (b) Marion County is getting worse (red shade) for this measure according to the County Health Rankings (2021)
- (c) Areas of strength (green shade) according to the County Health Rankings (2021)
- (d) Marion County is getting better (green shade) for this measure according to the County Health Rankings (2021)

Continuation of Appendix B11. Summary of Health Outcomes and Health Factors in Marion County Related to Chronic Conditions (County Health Rankings, 2021)

	Data Years	Marion County	Ohio
<b>Percent uninsured</b> (Percent of population under age 65 without health insurance)	2018	7% (c, d)	8%
<b>Percent uninsured adults</b> (Percent of adults under age 65 without health insurance)	2018	8% (d)	9%
<b>Percent uninsured children</b> (Percent of children under age 19 without health insurance)	2018	5% (d)	5%
<b>Access to primary care physicians</b> (Ratio of population to primary care physicians)	2018	3,630:1 (a, b)	1,300:1
<b>Access to other primary care providers</b> (Ratio of population to primary care providers other than physicians).	2020	820:1	920:1

- (a) Areas to explore (red shade) according to the County Health Rankings (2021)
- (b) Marion County is getting worse (red shade) for this measure according to the County Health Rankings (2021)
- (c) Areas of strength (green shade) according to the County Health Rankings (2021)
- (d) Marion County is getting better (green shade) for this measure according to the County Health Rankings (2021)

**Appendix B12. Summary of Health Outcomes and Health Factors in Marion County Related to Access to Care (County Health Rankings, 2021)**

	<b>Data Years</b>	<b>Marion County</b>	<b>Ohio</b>
<b>Percent uninsured</b> (Percent of population under age 65 without health insurance)	2018	7% (c, d)	8%
<b>Percent uninsured adults</b> (Percent of adults under age 65 without health insurance)	2018	8% (d)	9%
<b>Percent uninsured children</b> (Percent of children under age 19 without health insurance)	2018	5% (d)	5%
<b>Access to primary care physicians</b> (Ratio of population to primary care physicians)	2018	3,630:1 (a, b)	1,300:1
<b>Access to other primary care providers</b> (Ratio of population to primary care providers other than physicians).	2020	820:1	920:1
<b>Dentists</b> (Ratio of population to dentists)	2019	4,480:1 (b)	1,560:1
<b>Access to mental health providers</b> (Ratio of population to mental health providers) <sup>d</sup>	2020	600:1	380:1
<b>Preventable hospital stays</b> (Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees) <sup>c</sup>	2018	6,674 per 100,000 (a)	4,901 per 100,000
<b>Mammography screening</b> (Percent of female Medicare enrollees ages 65-74 that received an annual mammography screening)	2018	45% (d)	43%
<b>Flu vaccinations</b> (Percent of fee-for-service Medicare enrollees that had an annual flu vaccination)	2018	50% (c, d)	51%

- (a) Areas to explore (red shade) according to the County Health Rankings (2021)
- (b) Marion County is getting worse (red shade) for this measure according to the County Health Rankings (2021)
- (c) Areas of strength (green shade) according to the County Health Rankings (2021)
- (d) Marion County is getting better (green shade) for this measure according to the County Health Rankings (2021)

**Appendix B13. Summary of Health Outcomes and Health Factors in Marion County Related to Maternal and Infant/Child Health**

	<b>Data Years</b>	<b>Marion County</b>	<b>Ohio</b>
<b>Low birthweight</b> (Percent of live births with low birthweight (<2,500 grams))	2013-2019	9%	9%
<b>Child mortality</b> (Number of deaths among children under age 18 per 100,000 population)	2016-2019	60 per 100,000	60 per 100,000
<b>Infant mortality</b> (Number of all infant deaths before age 1 per 1,000 live births)	2013-2019	7 per 1,000	7 per 1,000
<b>Teen births</b> (Number of births per 1,000 female population ages 15-19)	2013-2019	42 per 1,000 (a)	22 per 1,000
<b>Children in poverty</b> (Percent of people under age 18 in poverty)	2019	20% (b)	18%
<b>Children in single-parent households</b> (Percent of children that live in a household headed by single parent)	2015-2019	29%	27%
<b>Children eligible for free or reduced price lunch</b> (Percent of children enrolled in public schools that are eligible for free or reduced price lunch)	2018-2019	40%	36%
<b>Juvenile arrests</b> (Rate of delinquency cases per 1,000 juveniles)	2018	78 per 1,000	38 per 1,000

- (a) Areas to explore (red shade) according to the County Health Rankings (2021)
- (b) Marion County is getting worse (red shade) for this measure according to the County Health Rankings (2021)
- (c) Areas of strength (green shade) according to the County Health Rankings (2021)
- (d) Marion County is getting better (green shade) for this measure according to the County Health Rankings (2021)

# Appendix C. Summary of Input from Persons Who Represent the Broad Interests of the Community Served

## Black Heritage Council of Marion

- **Representatives:** Tara Dyer
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves Black students by providing scholarships
- **Inputs:** a) Participated in the OhioHealth Marion General Hospital's Prioritization of Community Health Needs meeting on June 17, 2021.
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** <https://www.facebook.com/BlackHeritageCouncilMarionCounty/>
- **Mission:** No mission statement available.
- **Examples of programs and services** (Facebook, 2021)
  - + Promote awareness of African American history and contribution to multicultural society.
  - + Provide environment for sharing cultural values and diversity.
  - + Inspire community recognition of outstanding achievements of African Americans.
  - + Support The Ohio State University at Marion Minority Scholarship Fund.
  - + Offer the Black Heritage Council Scholarship to African American students on a competitive basis to attend the College of their choice.

## Boys and Girls Club of Central Ohio (Marion)

- **Representatives:** Maggie Breeding (Market Director)
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves all persons who are interested to join.
- **Inputs:** (a) Participated in the OhioHealth Marion General Hospital's Prioritization of Community Health Needs meeting on June 17, 2021.
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** <https://www.bgccentralohio.org/marion/>
- **Mission:** "Our mission is to empower young people to reach their full potential as productive, caring and responsible citizens."
- **Examples of programs and services** (Boys and Girls Club of Central Ohio, 2021):
  - + **The BGC Virtual Club Experience** — activities for club members and their families
  - + **Programs and services for teens** — engagement in college and career learning, and leadership opportunities for 6th to 12th grade students
  - + **Character and leadership** — activities that promote leadership, role modelling, managing relationships
  - + **Healthy lifestyles** — promotes health and wellbeing, prevention education, holistic approach to wellness and health

### Center Street Community Health Center

- **Representatives:** Heather Mosier (Clinical Quality Director)
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves all persons, including minorities and persons with disabilities
- **Inputs:** (a) Participated in the OhioHealth Marion General Hospital's Prioritization of Community Health Needs meeting on June 17, 2021
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** <http://www.centerstreetclinic.org/>
- **Mission:** "To improve the health of our community by providing quality care while maintaining financial stability"
- **Examples of programs and services** (Center Street Community Health Center, n.d.):
  - + **Medical services** — Primary care, sick and well child visits, physicals, immunizations, patient assistance medication programs, insurance marketplace assistance
  - + **Dental services** — Primary care, emergency care for children and adults, teeth extractions, fillings, root canals, x-rays, dentures, nitrous oxide
  - + **Behavioral health services** — Access to licensed independent social workers, manage anxiety and depression, improve self-esteem and self-image, management of children with behavioral challenges, relationship problems, managing grief, psychiatric services
  - + **Vision services** — Eye exams (including exams for people with diabetes), care for urgent eye challenges, eyewear

### Crawford-Marion Board of Alcohol, Drug Addiction, and Mental Health Services

- **Representatives:** Brad DeCamp (Executive Director); Paula Brown, LPCC-S (Associate Director)
- **Has skills and knowledge in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves all persons regardless of ability to pay
- **Inputs:** a) Participated in the OhioHealth Marion General Hospital's Prioritization of Community Health Needs meeting on June 17, 2021
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Population represented:** Serves all persons, including the medically underserved, low-income or minority populations
- **Website:** <https://mccadamh.com/programs-and-services/>
- **Mission:** "The mission of the Crawford-Marion ADAMH Board, under local leadership, is to assure the availability of high-quality alcohol, drug addiction, and mental health services to all residents through planning (assessing needs and resources, and determining priorities); purchasing cost effective services to the extent resources are available; coordinating services; and evaluating these services."
- **Examples of programs and services** (Crawford-Marion ADAMH, 2019-2021):
  - + Collaboration with the Marion Area Counseling Center, Inc.
  - + Collaboration with Pathways of Central Ohio
  - + Collaboration with Family and Children First Council –Marion County
  - + Collaboration with Marion–Crawford Prevention Programs
  - + Collaboration with Maryhaven–Marion
  - + Collaboration with National Alliance on Mental Illness (NAMI)
  - + Collaboration with Drug Free Marion/Crawford County Prevention Coalition



### Marion Area Counseling Center

- **Representatives:** Eileen Miller (Executive Director)
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves all persons in the United States regardless of ability to pay
- **Inputs:** (a) Participated in the OhioHealth Marion General Hospital's Prioritization of Community Health Needs meeting on June 17, 2021.
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** <http://www.maccsite.com/>
- **Mission:** "To provide behavioral health services to qualified individuals in the community"
- **Examples of programs and services** (Marion Area Counseling Center, n.d.):
  - + Outpatient addiction services
  - + Substance abuse treatment
  - + Substance abuse counseling
  - + Holistic services
  - + Services for the LGBTQ+ community

### Marion Board of Realtors

- **Representative:** Lora Rossman (realtor)
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves all persons
- **Inputs:** (a) Participated in the OhioHealth Marion General Hospital's Prioritization of Community Health Needs meeting on June 17, 2021
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** <https://www.resmarion.com/agent/7403602444/lora-rossman>
- **Mission:** Not available
- **Examples of programs and services** (Real Estate Showcase, n.d.)
  - + Residential and commercial real estate
  - + Housing-related issues

### Marion City Schools

- **Representatives:** Tara Dyer (retired team member); Ron Iarussi (superintendent)
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves school children, parents and communities in Marion County
- **Inputs:** (a) Participated in the OhioHealth Marion General Hospital's Prioritization of Community Health Needs meeting on June 17, 2021
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** <https://www.marioncityschools.org/>
- **Mission:** "To inspire a community of achievement"
- **Examples of programs and services** (Marion City Schools, 2021):
  - + Academics
  - + Student services
  - + Preschool
  - + Transportation services
  - + Art department
  - + Technology
  - + Nutrition services
  - + Operations and facilities

### Marion County Office of Emergency Management

- **Representatives:** Sarah McNamee (Director)
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves all persons in Marion County
- **Inputs:** (a) Participated in the OhioHealth Marion General Hospital's Prioritization of Community Health Needs meeting on June 17, 2021.
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** <https://www.co.marion.oh.us/>
- **Mission:** Emergency Management Association of Ohio (EMAO) strives to advance public safety for Ohioans through effective collaborations with local, state and federal partners.
- **Examples of programs and services** (Emergency Management Association of Ohio, 2015):
  - + Programs and services for emergency preparedness
  - + Emergency management services
  - + Natural disaster preparedness
  - + Emergency first response services

### Marion Family YMCA

- **Representatives:** Heather Wright (Wellness Director)
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves all persons in Marion County, Ohio
- **Inputs:** : (a) Participated in the OhioHealth Marion General Hospital's Prioritization of Community Health Needs meeting on June 17, 2021
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** <https://www.marionymca.org/>
- **Mission:** The YMCA is a nonprofit organization whose mission is to put Christian principles into practice through programs that build healthy spirit, mind and body for all.
- **Examples of programs and services** (YMCA of the USA, 2021):
  - + **Youth development** — child care, leadership and education, swim, sports and play
  - + **Healthy living** — health, wellbeing, fitness, water safety, swimming, sports, recreation
  - + **Social responsibility** — support youth, newcomers, diversity

### Marion Matters

- **Representatives:** Heidi Jones (Executive Director)
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves all persons, including persons with developmental disabilities and minority populations
- **Inputs:** (a) Participated in the OhioHealth Marion General Hospital's Prioritization of Community Health Needs meeting on June 17, 2021.
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** <https://marionmatters.org/programs/>
- **Mission:** "To provide leadership in developing and sustaining pathways out of poverty through education and support."
- **Examples of programs and services** (Marion Matters, n.d.)
  - + **Adult programs** — examples of programs and services include (a) "Getting Ahead in a Just Gettin' By World"; (b) Transitions; (c) "Money & Me" Creating Positive Change; (d) "Safe Opportunity to Attain Resources"

### Marion Palace Theatre

- **Representatives:** Bev Ford (Executive Director)
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves all persons
- **Inputs:** (a) Participated in the OhioHealth Marion General Hospital's Prioritization of Community Health Needs meeting on June 17, 2021
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** <https://marionpalace.org/>
- **Mission:** "The Palace Cultural Arts Association will foster appreciation, education and participation in the arts, while preserving and promoting the historic Marion Palace Theatre"
- **Examples of programs and services** (Marion Palace Theatre, n.d.):
  - + School matinee series
  - + Classes and camps
  - + Various community events

### Marion Public Health

- **Representatives:** Traci Kinsler (Health Commissioner); Cory Pierce (Health Equity Specialist)
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves all persons in Marion County, Ohio
- **Inputs:** (a) Participated in the OhioHealth Marion General Hospital's Prioritization of Community Health Needs meeting on June 17, 2021.
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** <https://marionpublichealth.org/>
- **Mission:** Our mission is to create a culture of health by providing all people with the opportunity to reach their greatest health potential at every stage of life.
- **Examples of programs and services** (Marion Public Health, 2021):
  - + Various programs and services in the Division of Environmental Health
  - + Various programs and services in the Division of Public Health Nursing
  - + Various programs and services in the Division of Maternal and Child Health
  - + Various programs and services in the Office of Policy and Planning (Creating Healthy Communities)

### Marion Technical College

- **Representatives:** Bob Haas (Vice President of Academic Affairs and Student Services)
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves all persons, including persons with developmental disabilities and minority populations
- **Inputs:** (a) Submitted assessment of the significant health needs affecting Marion County, Ohio on May 29, 2021; (b) Participated in the OhioHealth Marion General Hospital's Prioritization of Community Health Needs meeting on June 17, 2021.
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** <https://marionpublichealth.org/>
- **Mission:** "To provide the region's most accessible, supportive, and personal pathway to career success."
- **Examples of programs and services** (Marion Technical College, 2021):
  - + Standard programs in business, engineering, healthcare, information technology, public service
  - + Online programs in business management, health information technology, human resources management, office administration, real estate

### OhioHealth Community Health Partnerships

- **Representatives:** Mary Ann G. Abiado, PhD, MSN, RN
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves all persons including the medically underserved, low-income or minority populations
- **Inputs:** (a) Created the voting template used during the Prioritization of Health Needs Meeting held on June 17, 2021; (b) Served as the facilitator or host of the Prioritization of Health Needs Meeting held on June 17, 2021
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** <https://www.ohiohealth.com/community-health>
- **Mission:** “To improve the health of those we serve”
- **Examples of programs and services (OhioHealth, 2015-2021):**
  - + OhioHealth Wellness on Wheels Women’s Health
  - + OhioHealth Wellness on Wheels Primary Care
  - + OhioHealth ENGAGE In The Driver’s Seat health education programs
  - + OhioHealth Latina Breast Cancer Programs
  - + Health Equity Office
  - + Community partnerships and engagement

### OhioHealth Marion General Hospital

- **Representatives:** Curtiss Gingrich, MD (President); Melissa Stacy (Director, Surgical Services); Angie Beam (Executive Assistant); Daniel Howell, MBA, BSN, RN (Senior Advisor of Operations); Shana Etheridge (Director, Quality and Patient Safety); Joy Bischoff (Chief Nursing Officer; also President of Hardin Memorial Hospital); Celia Julie Miller (Director of Women’s Health; resigned); Jody Allton (Director of Behavioral Health)
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves all persons, including the medically underserved, low-income or minority populations
- **Inputs:** (a) Participated in the OhioHealth Marion General Hospital’s Prioritization of Community Health Needs meeting on June 17, 2021
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** <https://www.ohiohealth.com/locations/hospitals/marion-general-hospital/about-us>
- **Mission:** “To improve the health of those we serve”
- **Examples of programs and services (OhioHealth, 2015-2021)**
  - + Hospital, emergency and ambulatory care, programs and services
  - + **Neurology** — part of the OhioHealth Stroke Network and certified by The Joint Commission as a Primary Stroke Center. It is a regional referral center for stroke and neurological care.
  - + **Heart and vascular care** — complex disease evaluation and care in Marion County, Ohio; prevention and wellness programs, nutrition counseling, smoking cessation and cardiac rehabilitation
  - + **Orthopedics and sports medicine** — include physical therapy, orthotics, imaging, emergency care, bone and joint care, total joint replacements
  - + **Cancer** — certified member of the MD Anderson Cancer Network®, which

## Pleasant Local Schools

- **Representatives:** Jennifer Johnson (Family Support Coordinator)
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves school children, parents and teachers and community in Marion County
- **Inputs:** (a) Participated in the OhioHealth Marion General Hospital's Prioritization of Community Health Needs meeting on June 17, 2021
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** [https://www.pleasantlocalschools.org/pleasantlocalschooldistrict\\_home.aspx](https://www.pleasantlocalschools.org/pleasantlocalschooldistrict_home.aspx)
- **Mission:** "Unleashing the potential of all community members"
- **Examples of programs and services**
  - + Elementary school
  - + Middle school
  - + High school
  - + Community engagement
  - + Nutrition services
  - + Health services

## The Ohio State University at Marion

- **Representatives:** Catherine Gerber (Director of Development and Community Relations)
- **Has knowledge and skills in public health?** Yes
- **Description of the medically underserved, low-income or minority populations represented by organization:** Serves all persons, including persons with disabilities and minorities
- **Inputs:** (a) Participated in the OhioHealth Marion General Hospital's Prioritization of Community Health Needs meeting on June 17, 2021
- **Timeframe of inputs:** May 19, 2021 to June 17, 2021
- **Website:** <https://osumarion.osu.edu/>
- **Mission:** The university is dedicated to: (a) Creating and discovering knowledge to improve the well-being of our state, regional, national and global communities; (b) Educating students through a comprehensive array of distinguished academic programs; (c) Preparing a diverse student body to be leaders and engaged citizens; (d) Fostering a culture of engagement and service. We understand that diversity and inclusion are essential components of our excellence.
- **Examples of programs and services:**
  - + Bachelor's degree programs such as Biology, Business Administration, Early Childhood Education, Engineering Technology, English, History, Middle Childhood Education, Nursing [RN to BSN option], Psychology, Social Work
  - + Associate of Arts
  - + Financial aid and scholarships

# Appendix D. Documentation of Program Impacts from the CHNA and Implementation Strategy Adopted in 2019 by OhioHealth Marion General Hospital

Unless otherwise indicated, the action continued into FY 2022, however, impact data for FY 2022 was not available as of the writing of this report.

## Need # 1: *Mental Health and Addiction (MHA)*

**MHA —1.1.** To increase community involvement in substance abuse prevention efforts through participation in the Marion Drug-Free Task Force, which will focus on: (a) decreasing the number of opiate prescriptions through provider education, patient education, and community-based education on alternatives to addressing pain other than prescription opiates, (b) increase community access to disposal of prescription drugs through incentives and the availability of prescription drug drop boxes at the Marion Police Department and other locations, (c) increase substance abuse prevention efforts through initiatives targeted at underage alcohol, tobacco and marijuana use, and (d) increase community awareness about treatment and recovery support services. *(This strategy aligns with the Ohio 2017-2020 State Health Improvement Plan.)*

### Impacts in Fiscal Years 2020 and 2021

- (a) Pertinent activities that decrease the number of opiate prescriptions through provider education, patient education, and community-based education on alternatives to addressing pain other than prescription opiates
- **"Hidden in Plain Sight"** – The Coalition promoted the program "Hidden in Plain Sight", which engages adults, parents and guardians on awareness, education and practical prevention methods. The program shows a teenage bedroom in an open house or a presentation. The desired outcome is to educate practical prevention methods to help youth become substance abuse-free (Hidden in Plain Sight, 2017).
  - **"Addiction Symposium"** – discussed the following topics: (i) "The Role of Trauma in Substance Abuse"; (ii) "Exploring Alternative Options for Pain Management"; (iii) Role of Medication in the Care of Patients with Substance Use Disorders; (iv) Overcoming Barriers to Recovery"; (v) "Caregivers Journey (a Family Perspective on the Stigma that Surrounds Addiction). This program was held at The Ohio State University Marion Campus on September 24, 2019 (The Ohio State University at Marion, 2020).
  - **"Marion Medical Professionals Conference"** – Krisanna Deppen, MD from OhioHealth talked about "Addiction Medicine" and "Mark Hurst, MD, previous director of the Ohio Department of Mental Health and Addiction Services and previous medical director of the Ohio Department of Health, discussed on "Psychiatry and Addiction Psychiatry". This program was held on October 23, 2019 and sponsored by the Metropolitan Educational Technology Association (META) Solutions, an entity that provides technology services to school districts in Ohio. The conference was held at The Ohio State University Marion campus. Other community organizations present include Marion-Crawford ADAMH Board, Marion Health District, Marion Area Counseling Center, Marion County Probation Services, Maryhaven, and Marion-Crawford Prevention Program, as well as citizen members, city council members, and local churches.

- (b) Pertinent activities that increase community access to disposal of prescription drugs through incentives and the availability of prescription drug drop boxes at the Marion Police Department and other locations.

The pharmacist at the OhioHealth Marion General Hospital, Dan Sheridan, RPh, collaborated with various community partners in implementing the Medication Disposal Day. RPh from Marion General Hospital collaborated in identifying a collection site, planned on logistics of set-up, recruited for volunteers, and publicized the Medication Disposal Day event through local radio and newspaper outlets.

	<b>FY 2020 Medication Disposal Day</b>	<b>FY 2021 Medication Disposal Day</b>
Date of Fall Event	October 26, 2019	October 24, 2020
Participation	194 cars and pedestrians	123 cars and pediatricians
Weight and kinds of expired or unused medications collected	435 pounds <ul style="list-style-type: none"> <li>• 92 hydrocodone prescriptions</li> <li>• 59 gabapentin prescriptions</li> <li>• 44 oxycodone prescriptions</li> <li>• 41 tramadol prescriptions</li> </ul>	283.4 pounds <ul style="list-style-type: none"> <li>• 76 hydrocodone prescriptions</li> <li>• 394 gabapentin prescriptions</li> <li>• 87 oxycodone prescriptions</li> <li>• 18 tramadol prescriptions</li> <li>• 45 benzodiazepines</li> </ul>
Location	OhioHealth Marion General Hospital	OhioHealth Marion General Hospital
Community partners	ADAMH Board, Marion County Sheriff's Office, Marion County Litter Prevention and Recycling	ADAMH Board, Marion County Sheriff's Office, Marion County Litter Prevention and Recycling
	<b>FY 2020 Medication Disposal Day</b>	<b>FY 2021 Medication Disposal Day</b>
Date of Spring Event	Event cancelled due to the COVID-19 pandemic	April 24, 2021
Participation	Not applicable	147 cars and pediatricians
Weight and kinds of expired or unused medications collected	Not applicable	283.4 pounds <ul style="list-style-type: none"> <li>• 39 hydrocodone prescriptions</li> <li>• 20 gabapentin prescriptions</li> <li>• 40 oxycodone prescriptions</li> <li>• 12 tramadol prescriptions</li> </ul>
Location	Not applicable	OhioHealth Marion General Hospital
Community partners	Not applicable	ADAMH Board, Marion County Sheriff's Office, Marion County Litter Prevention and Recycling

- (c) Pertinent activities that increase substance abuse prevention efforts through initiatives targeted at underage alcohol, tobacco, and marijuana use

Marion General Hospital's pharmacist and two pharmacy students and Marion Public Health's nursing director, staff nurses and epidemiologist were actively involved in the Marion Drug-Free Task Force. The nasal naloxone were distributed in various pop-up clinics and health education provided about the product. The Marion General Hospital team actively participated in meetings that were held during the first Tuesday of the month from July 2019 to June 2020. These task Force meetings were coordinated and hosted by the Marion-Crawford Prevention Programs and the Crawford-Marion ADAMH Board. The meetings planned for events, initiatives, and substance abuse trends in Marion County.

	<b>FY 2020</b>	<b>FY 2021</b>
<b>Count of meetings</b>	8	19
<b>Focus areas of meetings and how initiatives address mental health and addiction</b>	Strategies to prevent drug use in youth and adults.	Strategies to prevent drug use in youth and adults. The pharmacist collaborated with Marion Public Health and other community partners in submitting a grant proposal for the Marion County Creating Healthy Communities program.

(d) Increase community awareness about treatment and recovery support services

Marion General Hospital's pharmacist and two pharmacy students and Marion Public Health's nursing director, staff nurses and epidemiologist were actively involved in the Marion Drug-Free Task Force. The nasal naloxone were distributed in various pop-up clinics and health education provided about the product. The Marion General Hospital team actively participated in meetings that were held during the first Tuesday of the month from July 2019 to June 2021. These task Force meetings were coordinated and hosted by the Marion-Crawford Prevention Programs and the Crawford-Marion ADAMH Board. The meetings planned for events, initiatives, and substance abuse trends in Marion County. The Marion Crawford ADAMH has comprehensive resources about treatment and recovery support services in Marion County. Discussions during the Task Force meetings promote awareness of various services provided by each of the community resources.

**Impacts in Fiscal Years 2020 and 2021**

	<b>FY 2020</b>	<b>FY 2021</b>
Count of meetings	8	19
Focus areas of meetings and how initiatives address mental health and addiction	Strategies to prevent drug use in youth and adults	Strategies to prevent drug use in youth and adults. The OhioHealth pharmacist collaborated with community partners to apply for a grant.

(e) Marion General Hospital alignment with the State Health Improvement Plan (SHIP) — the mental health and addiction-related data from the 2020 and 2021 County Health Rankings for Marion County, Ohio are tabulated below (County Health Rankings, 2021):

Health measure	Marion County (2020)	Ohio (2020)	Marion County (2021)	Ohio (2021)
Poor mental health days (Average number of mentally unhealthy days reported in past 30 days; age-adjusted]	4.1	4.6	4.9	4.8
Frequent mental distress (Percent of adults reporting 14 or more days of poor mental health per month)	14%	15%	17%	16%
Alcohol-impaired driving deaths (Percent of driving deaths with alcohol involvement)	24%	33%	33%	32%
Drug overdose deaths (Number of drug poisoning deaths per 100,000 population)	46	38	48	38
Insufficient sleep percent (Percent of adults who report fewer than 7 hours of sleep on average; age adjusted)	38%	38%	42%	41%
Violent crime (Number of reported violent crime offenses per 100,000 population.	215	293	215	293



**MHA—1.2.** Participation in the planning, coordination and implementation of Marion County Medication Disposal Day events and engagement in community meetings related to increasing access to safe disposal of prescription drugs.

**Impacts in Fiscal Years 2020 and 2021**

In partnership with various community partners such as the ADAMH Board, Marion County Sheriff Office, Marion County Litter Prevention and Recycling, Dan Sheridan, RPh, and Amanda Styer, RPh, from Marion General Hospital collaborated in identifying a collection site, planned on logistics of set-up, recruited for volunteers, and publicized the Medication Disposal Day event through local radio and newspaper outlets. From July 1, 2019 to June 30, 2021, the details of Medication Disposal Day events in Marion County were as follows:

	<b>FY 2020 Medication Disposal Day</b>	<b>FY 2021 Medication Disposal Day</b>
Date of Fall Event	October 26, 2019	October 24, 2020
Participation	194 cars and pedestrians	123 cars and pediatricians
Weight and kinds of expired or unused medications collected	435 pounds <ul style="list-style-type: none"> <li>• 92 hydrocodone prescriptions</li> <li>• 59 gabapentin prescriptions</li> <li>• 44 oxycodone prescriptions</li> <li>• 41 tramadol prescriptions</li> </ul>	283.4 pounds <ul style="list-style-type: none"> <li>• 76 hydrocodone prescriptions</li> <li>• 394 gabapentin prescriptions</li> <li>• 87 oxycodone prescriptions</li> <li>• 18 tramadol prescriptions</li> <li>• 45 benzodiazepines</li> </ul>
Location	OhioHealth Marion General Hospital	OhioHealth Marion General Hospital
Community partners	ADAMH Board, Marion County Sheriff's Office, Marion County Litter Prevention and Recycling	ADAMH Board, Marion County Sheriff's Office, Marion County Litter Prevention and Recycling
	<b>FY 2020 Medication Disposal Day</b>	<b>FY 2021 Medication Disposal Day</b>
Date of Spring Event	Event cancelled due to the COVID-19 pandemic	April 24, 2021
Participation	Not applicable	147 cars and pediatricians
Weight and kinds of expired or unused medications collected	Not applicable	283.4 pounds <ul style="list-style-type: none"> <li>• 39 hydrocodone prescriptions</li> <li>• 20 gabapentin prescriptions</li> <li>• 40 oxycodone prescriptions</li> <li>• 12 tramadol prescriptions</li> </ul>
Location	Not applicable	OhioHealth Marion General Hospital
Community partners	Not applicable	ADAMH Board, Marion County Sheriff's Office, Marion County Litter Prevention and Recycling

**MHA—1.3.** Marion General Hospital’s Pulmonary Rehabilitation Unit, Partial Hospitalization and Intensive Outpatient Program and/or Pharmacy will provide the following services: (a) tobacco cessation education, referral and follow-up with inpatients, (b) counseling for inpatients who have smoked within the past 12 months, (c) tobacco cessation packet containing a stress ball, gum, booklet and flier for upcoming tobacco cessation classes for inpatients who are current smokers and have expressed an interest in quitting; education of these patients about the Ohio Tobacco Quit Line and follow up with those who have quit within the past 12 months, offering support as needed, (d) free nicotine patches upon discharge for inpatients who express the desire to quit and score a seven or higher on the “Assessment of Motivation: Readiness to Quit Ladder,” (e) follow up by phone 30 days after discharge to assess patients’ progress quitting tobacco, and (f) patient education about tobacco’s negative effects on the effectiveness of psychiatric medications.

**Impacts in Fiscal Years 2020 and 2021**

(a) Tobacco cessation education, referral and follow-up with inpatients

<b>Fiscal Year</b>	<b>Date of Six-Week Class</b>	<b>Number of Persons who Signed Up</b>	<b>Number of Persons Who Participated in At Least 1 of 6 Classes</b>
2020	August 8, 2019 – September 12, 2019	6	2
2020	October 10, 2019 – November 14, 2019	4	1
2020	January 9, 2020 – February 13, 2020	10	2
2021	August 6, 2020 – September 10, 2020	Cancelled due to the COVID-19 pandemic	Cancelled due to the COVID-19 pandemic
2021	October 8, 2020 – November 12, 2020	Cancelled due to the COVID-19 pandemic	Cancelled due to the COVID-19 pandemic
2021	March 15, 2021 – April 29, 2021	0	0

(b) Counseling for inpatients who have smoked within the past 12 months,

Fiscal Year	Smokers from the Mental/Behavioral Health Unit Who are Interested in Quitting	Total Number of Smokers from the Mental Health/Behavioral Health Unit Educated	Percent
2020	71	287	24.7%
2021	57	271	21%

(c) Tobacco cessation packet containing a stress ball, gum, booklet and flier for upcoming tobacco cessation classes for inpatients who are current smokers and have expressed an interest in quitting; education of these patients about the Ohio Tobacco Quit Line and follow up with those who have quit within the past 12 months, offering support as needed

Fiscal Year	Received Tobacco Cessation Packet	Expressed Interest in Quitting	Educated about the Tobacco Quit Line
2020	411	411	411
2021	98	98	98

(d) free nicotine patches upon discharge for inpatients who express the desire to quit and score a seven or higher on the “Assessment of Motivation: Readiness to Quit Ladder”

Fiscal Year	Received Free Nicotine Patches	Expressed Interest in Quitting	Educated about the Tobacco Quit Line
2020	411	411	411
2021	21	21	21

(e) Follow up by phone 30 days after discharge to assess patients’ progress quitting tobacco

Fiscal Years	Patients who Received Follow-Up Phone Call at 30 days after Discharge
2020	431 (Through EMMI System)
2021	Not applicable (Contract with the EMMI system was discontinued)

(f) Patient education about tobacco’s negative effects on the effectiveness of psychiatric medications.

Fiscal Years	Patients who Received Patient Education about Tobacco’s Negative Effects on the Effectiveness of Psychiatric Medications
2020	71
2021	57

**MHA—1.4.** Speakerships, presentations and outreach to the Marion County community, including workplace environments, focused on mental health and addiction and/or tobacco cessation.

**Impacts in Fiscal Year 2020**

<b>Date</b>	<b>OhioHealth Speaker</b>	<b>Name and Location of Event</b>	<b>Topic of Talk</b>	<b>Count of Persons Served</b>
July 18, 2019	Joel Provenzano, MD, Pulmonary Services	Kiwanis Club Luncheon Event	Pulmonary Health	50
September 26, 2019	Jan J. Persinger, Administrative Assistant, Quality and Safety	“Living Well, What Seniors Need to Know” at the Marion Council on Aging	Advance Directives	14
October 10, 2019	Dr. Curt Gingrich	Marion Chamber of Commerce	Future of Healthcare; Population Health Management	30
October 16, 2019	Beth Hoffman and Jackie Drury	Lifeline of Ohio meeting at St. Paul’s Lutheran Church	Lifeline of Ohio services	25
September 2019	Dr. Megan Cochran	YMCA-led “Walk with a Doc”	Eye Health	7
October 2019	Dr. Anitha Nallari	YMCA-led “Walk with a Doc”	Breast Cancer Awareness	7
November 19, 2019	Dr. Curt Gingrich	Rotary Club Medical Day	Future of Healthcare; Population Health Management	100
November 2019	Dr. Joseph Gastaldo	iHeartRadio (Podcast)	Infectious Disease Control	At least 100
December 02, 2019	Dr. Curt Gingrich	Marion Chamber Manufacturer’s Council	Future of Healthcare; Population Health Management	30
December 19, 2019	Dr. Akeek Bhatt	iHeartRadio (Podcast)	Gastroenterology	At least 100
December 2019	Dr. xxx Gaddam	Ohio Magazine	Interview on Nutrition	At least 100
March 2020	Dr. Curt Gingrich	Art for Success, Bucyrus	Future of Healthcare; Population Health Management	75
March 2020	Dr. Curt Gingrich	Marion Community Radio	Drive-Thru COVID-19 Testing	At least 100
April 2020	Dr. Mrunal Shah	Morning Show Radio- Delaware	How to React to COVID-19	At least 100
April 2020	Dr. Shyamala Bhemisetty	iHeartRadio (Podcast)	Interview on Mental Health During COVID-19	At least 100
May 2020	Beth Meadows	iHeartRadio (Podcast)	Volunteerism	At least 100
May 2020	Dr. Curt Gingrich	Marion Community Radio	Back to Business and Safety	At least 100
May 2020	Dr. Mrunal Shah	iHeartRadio (Live)	Back to Business and Safety	At least 100
June 2020	Connie Porter	iHeartRadio (Podcast)	Services of the Heart Failure Clinic	At least 100
June 2020	Dr. Alex Perchuk	Video for Alzheimer’s Association Facebook page	Tips for Brain Health and Alzheimer’s	At least 100

## Impacts in Fiscal Year 2021

<b>Date</b>	<b>OhioHealth Speaker</b>	<b>Name and Location of Event</b>	<b>Topic of Talk</b>	<b>Count of Persons Served</b>
December 13, 2020	Curtis Gingrich, MD	Rotary Club of Marion Meeting	COVID-19 Update	50
March 16, 2021	Joy Bischoff, MSN, RN NE-BC	League of Women Voters	COVID-19 Update	35
March 20, 2021	Heidi Trautwein	Local school	Future Careers in Pharmacy	30
June 29, 2021	OhioHealth Marion General Hospital Executive Team	Leadership Marion	Marion General Hospital Overview	50

**Need # 2: Chronic Disease (CD)**

**CD — 2.1.** To collaborate with Marion County Creating Healthy Communities (CHC) and its vision of “making the healthy choice the easy one.” CHC is a multi-sector collaboration that aims to: (a) increase access to healthy foods and make them more affordable, (b) promote physical activity, and (c) enable tobacco-free living among Marion County residents using sustainable and evidence-based strategies (Marion Public Health, 2019). *(This strategy aligns with the Ohio 2017-2020 State Health Improvement Plan. See Table 4.)*

**Impacts in Fiscal Years 2020 and 2021**

Dan Sheridan, RPh, a pharmacist from Marion General Hospital provides leadership for the Marion County Park District governance board and serves as Chair of the Commissioners. The Marion County Park District has a 12.4-mile recreational trail. This trail serves an estimated 40,000 people per year. OhioHealth Marion General Hospital employees provided more than 100 hours of volunteer activities maintaining the trail, clearing debris trimming branches, and planting flowers. In collaboration with Marion Public Health and OhioHealth, the Marion County Park District started an adaptive recreation program in August 2019. This equipment used was provided in part by a grant from OhioHealth in 2019 and provided tandem recumbent tricycles so that people with physical disabilities can enjoy nature at the Marion Tallgrass Trail. The built environment subcommittee conducted a demonstration project where a parking space was turned into an outdoor seating area, and worked with the city of Marion to implement “complete streets”, where pedestrian access is enhanced as streets are paved. Specifically, crosswalks are painted, lines are painted telling cars where to stop, and wheelchair ramps are constructed at intersections. Additionally, bicycle racks were placed in front of select downtown businesses.

<b>Fiscal Year (FY)</b>	<b>Date of Meeting</b>	<b>OhioHealth Representative</b>	<b>Location of Meeting</b>	<b>Focus Area of Meeting and How OhioHealth representatives contributed skills and expertise</b>
FY 2020	September 5, 2019	Dan Sheridan, Drew Dollmatsch	Marion County Board of Developmental Disabilities	Discussed healthy food initiatives, Dan presented about bicycling infrastructure
FY 2020	October 1, 2019	Dan Sheridan	Marion City/County Regional Planning	Addressed infrastructure challenges to support healthy lifestyles. Dan offered insights related to parks and cycling.
FY 2020	November 19, 2019	Dan Sheridan	Marion City/County Regional Planning	Addressed infrastructure challenges to support healthy lifestyles. Dan offered insights related to parks and cycling.
FY 2020	January 14, 2020	Dan Sheridan	Marion City/County Regional Planning	Addressed infrastructure challenges to support healthy lifestyles. Dan offered insights related to parks and cycling.
FY 2020	March 3, 2020	Dan Sheridan	Marion City/County Regional Planning	Addressed infrastructure challenges to support healthy lifestyles. Dan offered insights related to parks and cycling.
FY 2021	No meetings or events held due to the COVID-19 pandemic	No meetings or events held due to the COVID-19 pandemic	No meetings or events held due to the COVID-19 pandemic	No meetings or events held due to the COVID-19 pandemic

**CD—2.2.** To offer obesity-related clinical and non-clinical interventions as part of the services provided by Marion General Hospital’s Heart Failure Clinic. This includes support and education about fluid and weight management, as well as exercise and nutritional counseling.

**Impacts in Fiscal Years 2020 and 2021**

The Heart Failure Clinic’s clinical interventions to combat obesity include the following interventions (a) heart failure diet education with every visit and referral to the Metabolic Clinic. Each patient is given a heart failure booklet that has a nutrition label and diet examples that we teach from on their first visit. Then we reiterate this teaching at subsequent visits. The Metabolic Clinic opened in August of 2019 and all patients with diabetes that were interested. They monitor their weight and vital signs and adjust medications that are affected by weight loss and proper diet (for example, blood pressure and anti-diabetes medications). Dr. Vale follows them closely every two-four weeks.

	<b>FY 2020</b>	<b>FY 2021</b>
Patients served	488	603
Patients supported and educated about fluid and weight management, exercise, and nutrition	488	603
Referrals to various department specialties	Total Referrals – 92 Cardiology – 40 Cardiac Rehabilitation – 19 General Surgery – 11 Rehabilitation – 6 Nutrition – 4 Pulmonology – 4 Radiology – 2 Spine Surgery – 2 Hematology and Oncology – 1 Oncology – 1 Vascular Surgery – 1	Total Referrals – 146 Cardiology – 94 Cardiac Rehabilitation – 11 General Surgery – 17 Rehabilitation – 13 Nutrition – 1 Pulmonology – 6 Radiology – 0 Spine Surgery – 0 Hematology and Oncology – 0 Oncology – 0 Vascular Surgery – 0
Number served by the Metabolic Clinic	25	25

**CD — 2.3.** To offer obesity-related clinical and non-clinical interventions as part of the services provided by Marion General Hospital's Cardiac Rehabilitation Program. The 12-week cardiac rehabilitation program teaches and empowers patients (with support from family or caregivers) to make lifestyle and behavior changes through: (a) nutrition planning, (b) supervised exercise program, (c) tobacco cessation program, (d) medical weight management, (e) prevention of heart disease, (f) stress management, and (g) lifestyle and health responsibility coaching. Patients who graduate from the 12-week program will receive help developing an ongoing fitness program (OhioHealth 2015-2019).

**Impacts in Fiscal Years 2020 and 2021**

The Cardiac Rehabilitation program was closed in April, May and June 2020. As part of Phase 2 Cardiac Rehabilitation interventions for obesity, we taught patients to exercise at the appropriate level and time that promote weight loss. These patients were referred to the dietitian for meal planning and caloric intake in addition to low-fat diets. People with diabetes are referred to the diabetic educator and the dietitian. The only outcomes reported that are related to obesity is weight loss and body mass index (BMI) while in the Cardiac Rehabilitation program. Our patients after completion of Phase 2 Cardiac Rehabilitation are offered our Phase 3 exercise maintenance program or encouraged to the local Y or a gym. We do not have any support groups sponsored or offered through the Cardiac Rehabilitation program for obesity.

	<b>FY 2020</b>	<b>FY 2021</b>
Persons who received at least one of the services and interventions from the Marion General Hospital's Cardiac Rehabilitation Program	295	248



**Need #3: Maternal and Child Health (MCH)**

**MCH—3.1.** Partner with Ohio Department of Health and Marion Adolescent Pregnancy Program (MAPP) in providing mothers and newborns with home visiting and/or early intervention services.

**Impacts in Fiscal Years 2020 and 2021**

OhioHealth has been awarded by the Department of Health and Human Services to implement the Healthy Adolescent Program (HAT) in central Ohio. HAT is a comprehensive program to facilitate reproductive and other life goals for the high-risk group of low-income, adolescent mothers. The HAT team partnered with the Marion Adolescent Pregnancy Program (MAPP) to ensure that adolescent mothers have access to all available benefits. The HAT project aims to decrease rapid, repeat pregnancy (within 18 months of birth) rates for low-income adolescents. HAT also aims to do the following: (a) link adolescents to patient-centered medical homes; (2) counsel adolescents on the importance of human papillomavirus vaccination (HPV); (3) empower adolescents to reduce tobacco use; (4) teach adolescents on healthier eating behaviors during pregnancy, and (5) assist adolescents in financial literacy, completing school and obtaining a job.

Through the Healthy Adolescent Transitions (HAT) program, 32 patients were offered home visits and 18 persons agreed to avail of the home visiting and other services provided. Total of 100 home visits were completed in FY 2020.

	FY 2020	FY 2021
Number of patients offered home visits through Healthy Adolescent Transitions (HAT)	32 patients	34 patients
Number of patients who received home visits from the HAT Team	18 patients	23 patients
Number of home visits from the HAT Team	100 home visits	90 home visits
Examples of community agencies where patients where most community referred	Marion Area Pregnancy Program; Help Me Grow	Marion Area Pregnancy Program; Help Me Grow
Marion General Hospital teen deliveries (ages 13-19)	14 patients	46 patients

**MCH — 3.2.** Partner with MarionMade! in providing SleepSacks® (wearable blankets) to newborns and safe-sleep education to parents of newborns.

**Impacts in Fiscal Years 2020 and 2021**

In collaboration with Marion Matters, OhioHealth provided with a sleep sack for **each baby born** at Marion General Hospital. The parents of these babies were educated on safe sleep practices.

	FY 2020 Deliveries	FY 2021 Deliveries
Number of SleepSacks® distributed to newborns and parents educated about safe sleep practices	831	719

**MCH—3.3.** Partner with the Marion Public Library "Read 20" program in implementing "Book and Bib," a program promoting early literacy.

**Impacts in Fiscal Years 2020 and 2021**

The Book & Bib program, started in 2018, focuses on early childhood literacy by ensuring that parents of every newborn at OhioHealth Marion General Hospital receive materials for encouraging the habit of reading from a very young age. In addition to a gift bag containing a book and "Read to Me" bib, parents receive information about the importance of early childhood literacy and how to obtain a My First Library Card from Marion Public Library.

	<b>FY 2020</b>	<b>FY 2021</b>
Number of "Book and Bib" packages that were distributed	831 (given to all babies born)	719 (given to all babies born)
Number of school events attended to engage parents and children in the importance of reading	12 school events	No activities due to the COVID-19 pandemic
Number of "Shine!" Books distributed to 3 <sup>rd</sup> and 5 <sup>th</sup> grade students	2,500 books	No activities due to the COVID-19 pandemic
Number of students who participated in the "Read for the Record" literacy campaign	4,700 students	No activities due to the COVID-19 pandemic
Number of elementary schools and preschools who participated in the "Read for the Record" literacy campaign	20 schools	No activities due to the COVID-19 pandemic

**MCH—3.4.** Promote safe and healthy housing by active participation in the Marion County Housing Coalition and cash and/or in-kind sponsorships to non-profit organizations that address poverty and housing, including Marion Matters, Heart of Ohio Homeless Shelter, and Mission Serve.

**Impacts in Fiscal Years 2020 and 2021**

	<b>Fiscal Year 2020</b>	<b>Fiscal Year 2021</b>
Name of organizations that are involved	Marion Public Health  Ohio Heartland Community Action Center  United Way of Marion County	Marion Public Health  Ohio Heartland Community Action Center  United Way of Marion County
Initiatives of the Marion County Housing Coalition	<ol style="list-style-type: none"> <li>1. The goal is to help Marion County residents to obtain and/or keep affordable housing.</li> <li>2. Provide funding to avoid eviction to pay heating and cooling</li> <li>3. Provides funding to clean neighborhoods</li> <li>4. Provide funding for fire alarms and lead abatement</li> </ol>	<ol style="list-style-type: none"> <li>1. The goal is to help Marion County residents to obtain and/or keep affordable housing.</li> <li>2. Provide funding to avoid eviction to pay heating and cooling</li> <li>3. Provides funding to clean neighborhoods</li> <li>4. Provide funding for fire alarms and lead abatement</li> </ol>
How the Coalition help families, especially mothers and children	<ol style="list-style-type: none"> <li>1. Provides funding to help mothers obtain affordable housing</li> <li>2. Assists with utility payments such as water, electric and gas</li> <li>3. Provides home inspections to ensure the housing is safe for the mother and children such as lead paint and smoke detectors</li> </ol>	<ol style="list-style-type: none"> <li>1. Provides funding to help mothers obtain affordable housing</li> <li>2. Assists with utility payments such as water, electric and gas</li> <li>3. Provides home inspections to ensure the housing is safe for the mother and children such as lead paint and smoke detectors</li> </ol>
Housing Coalition's initiatives during COVID-19 pandemic	<ol style="list-style-type: none"> <li>1. All meetings were postponed since January 2020</li> <li>2. Marion Public Health team members focused on COVID-19 testing, treatment and vaccination.</li> <li>3. All resources were focused on COVID-19</li> </ol>	<ol style="list-style-type: none"> <li>1. All meetings were postponed since January 2020</li> <li>2. Marion Public Health team members focused on COVID-19 testing, treatment and vaccination.</li> <li>3. All resources were focused on COVID-19</li> </ol>
Cash and in-kind sponsorships to Marion Matters	Annual Membership fee of \$10,000. A Marion General Hospital team member serves as a board member of Marion Matters. The Board oversees programs for adults, youth, and businesses to fulfill its mission "to provide leadership in developing and sustaining pathways out of poverty through education and support."	Annual Membership fee of \$10,000. A Marion General Hospital team member serves as a board member of Marion Matters. The Board oversees programs for adults, youth, and businesses to fulfill its mission "to provide leadership in developing and sustaining pathways out of poverty through education and support."