

SUMMARY OF
IMPLEMENTATION STRATEGIES
2017-2019



MIAMI VALLEY HOSPITAL

Miami Valley Hospital: Committed to Improving Community Health

Miami Valley Hospital (MVH) is part of Premier Health, the largest private, nonprofit, comprehensive health care system in Southwest Ohio. MVH is committed to improving the health of the communities it serves with high quality, cost-competitive health services.

MVH serves Dayton and Southwest Ohio. It is the region's only Level I Trauma Center, providing the highest level of care for the most critically injured patients. It has earned accreditation as a Comprehensive Stroke Center for the specialized care of complex strokes. The hospital has also achieved Magnet® Recognition for excellence in patient care.

Priorities Addressed

The Community Benefits subcommittee of Premier Health designed and executed the prioritization process that included a review and comparison of the following:

- 2016 Collaborative Community Health Needs Assessment (CHNA) for Greater Dayton
- Local county health departments' most recent Community Health Assessments (including Greene, Miami, Montgomery, and Shelby Counties)
- Health Policy Institute of Ohio's Health Value Dashboard (state health comparison)

The Implementation Strategies address the collaborative CHNA conducted in 2016 on behalf of all the hospitals in the region by the Greater Dayton Area Hospital Association.

The top three priority areas identified were:

- Birth outcomes
- Behavioral health/Substance abuse
- Chronic diseases

Recap of Implementation Strategies

Help Me Grow/Brighter Futures

Health issue: Birth outcomes

Intervention's goal: To reduce infant mortality through home visits, from birth to age 3, including education about safe sleep and encouragement for mothers to breastfeed.

Background: In 2015, Montgomery County had an overall infant mortality rate of 7.5, up from 6.8 deaths per 1,000 births in 2014. African-American babies died at three times the rate of white babies. The Healthy People 2020 target rate is 6.0 deaths per 1,000 births. There is scientific support for trained personnel visiting parents and children in their homes. Home visits provide an opportunity to screen for and address determinants of poor infant outcomes.

Status: 1660 Montgomery County young children or pregnant moms are currently being served with home visits and services by the Help Me Grow Brighter Futures program. There were 22,713 home visits completed with families in 2019. 100% of babies, receiving home visit services receive education and assessment of a safe sleep environment. 100% of all moms prenatal to age 1 of the child are screened for

depression. 99% of healthy infants survive to first birthday (infant mortality is a rate 1 per 1000 rather than a percent). More than 80% of moms, enrolled prenatally, initiate breastfeeding. 54% are still breastfeeding at 6 months. Miami Valley Hospital's contribution to HMGBF salaries was \$529,038 annually.

Partners: Greater Dayton Area Hospital Association, Help Me Grow, Kettering Health Network, Life Stages Centering, Five Rivers Health Center, Southview Women's Center, Cassano's, physician offices, and a variety of community programs such as the Wesley Center, Elizabeth New Life, Miami Valley Child Development Center, Promise to Hope, and Family Service Agency

CenteringPregnancy

Health issue: Birth outcomes

Intervention's goal: To support the CenteringPregnancy program at Five Rivers Health Center.

Background: In 2015, Montgomery County had an overall infant mortality rate of 7.5, up from 6.8 deaths per 1,000 births in 2014. African-American babies died at three times the rate of white babies. The Healthy People 2020 target rate is 6.0 deaths per 1,000 births. CenteringPregnancy is a best practice that improves birth outcomes.

Status: From 2017-2019, 350 women enrolled in Centering. To date 447 women have delivered 453 babies (6 sets of twins). 85% of infants had a healthy birthweight (greater than 5.5 pounds); and 87% of infants were delivered full-term (37+ weeks). Five Rivers does not have complete data on the rate of mothers breastfeeding at their postpartum visit: 26% were breastfeeding; 32% were not breastfeeding; for the remaining women, the breastfeeding rate is unknown either because it was not recorded at the visit or because the women did not show for their postpartum visit. In 2019, Miami Valley Hospital contributed \$4,407,000 in operating support to Five Rivers.

Partner: Five Rivers Health Center

Promise to Hope

Health issue: Birth outcomes and Substance abuse

Intervention's goal: To improve health outcomes for newborns exposed to opiate drugs during the fetal period. The comprehensive program provides Medication-Assisted Treatment (MAT) for mothers and withdrawal treatment for infants. The goal is to keep mother and child together in a stable home environment.

Background: More than 200 babies are born with drugs in their systems every year in the Miami Valley. The hospital's nationally-recognized Level IIIB Neonatal Intensive Care Unit is able to provide comprehensive care for critically ill newborns. Key components are care coordination and case management to help participants navigate the drug addiction services for which they are eligible and to help them overcome barriers to attending group meetings and parenting classes. The program addresses the behavioral and medical health needs of the patient as well as the social determinants of health. In addition to providing pre- and post-natal care for moms and babies, four MVH physicians have become certified to prescribe MAT. This step gives opiate-addicted women additional time to join a behavioral health program.

Status: As of July 2019, 288 mothers received perinatal and postpartum care with MAT and withdrawal treatment for their newborns. 118, or 41%, of the women also received behavioral health treatment through Samaritan Behavioral Health, Inc.

Partners: ADAMHS Board of Montgomery County, Five Rivers Health Centers, NOVA Behavior Health, Samaritan Behavioral Health, Inc., and the Women’s Recovery Center in Xenia

Additional Substance Abuse Strategies: On October 17-18, 2018, 55 professionals attended a conference, sponsored by the Community Overdose Action Team, titled “Navigating the Opioid Crisis.” On October 17, 2019, 76 professionals attended a conference, sponsored by the Community Overdose Action Team, titled “Substance Use Disorder & Recovery: The Emerging Landscape.” For both conferences, a majority of participants reported on the evaluation that two competency areas were improved as a result: Patient Care and Medical Knowledge. Premier Health contributed \$19,070 to put on the two conferences.

In addition to provider education, the hospital provided a collection point on the first floor, near the Apple Street elevators, for the collection of unused prescription medications. More than 527 pounds were collected since the receptacle was installed in 2018.

Mahogany’s Child

Health issue: Chronic diseases

Intervention’s goal: To remove barriers for, educate, and empower the African-American population in the community to make positive health decisions through culturally relevant means. The program offers a variety of ways for individuals to become involved with education, events, and activities. Mahogany’s Child will engage with community organizations, such as schools and churches where they already have a relationship.

Background: Mahogany’s Child has a history of strong partnerships with churches. It has provided health education and screenings since 2001. Mahogany’s Child has participated in community events such as health fairs, demonstrations and seminars. It has sponsored an annual women’s health retreat for economically disadvantaged African American women. The program is aligned with Healthy People 2010 goals for women’s health and serves 7,000 women annually. “The Daily Mile” is a program where every teacher and student run one mile a day.

Status: The Daily Mile program attracted 421 participants at Centerville School District. From 2017-2019 2,002 people have participated in the African-American Wellness Walk. There have been 426 participants in Line-Dancing classes. Ongoing annual support is \$55,000.

In addition, weekly segments on “Healthier You” aired on WDAO Radio reaching 20,000 listeners.

Partners: West Dayton Church Caravan (coalition of 22 Church Congregations) and Public Health – Dayton & Montgomery County

Support for Reach Out of Montgomery County

Health issue: Chronic diseases

Intervention's goals: To support the operations of Reach Out of Montgomery County (Reach Out), a safety net free clinic.

Background:

Reach Out is a 501(c)(3) volunteer healthcare provider, founded in 1994 by Wright State University Boonshoft School of Medicine, Public Health – Dayton & Montgomery County, and the Montgomery County Medical Society. It cares for the underserved and uninsured residents of Montgomery County with volunteer health care professionals. It includes a Charitable Pharmacy. The Medical Clinic offers an alternative to emergency room visits for minor illnesses and chronic conditions that need immediate attention. There is no cost for laboratory testing. RN case managers facilitate navigation of 350 medical needs throughout the community. The top ZIP Codes served are: 45414, 45417, 45410, 45424, and 45404. Reach Out serves 4,000 unique patients. Starting in July 2016, Reach Out integrated Behavioral Health visits within the clinic.

Status: MVH has assisted with subsidized rent, cash contributions, and in-kind donation of pharmaceuticals. Miami Valley Hospital physicians also donate their time to serve patients at the clinic. The clinic relies on more than 600 volunteers. In the third quarter of 2019, Reach Out suspended clinic hours. The recently retired executive director reported that there was not enough funding to pay the staff who work with the volunteers. Other services remain open while Reach Out develops a plan to seek new sustainable funding and partnerships. From July 1, 2017 through June 30, 2019 Reach Out served 9,059 unique patients and filled 37,567 prescriptions. 85% with external prescriptions had them filled within four days. 86% of seniors complied with their medication plans, including refills. Cash value of MVH contribution during this time was \$243,050. \$140,000 in operational support \$75,000 in Lab & in-kind pharmaceuticals and \$28,000 in rent reimbursement.

Partners: Reach Out is supported by government agencies, public health, University of Dayton, Wright State University, Kettering Health Network, Children's Medical Center, corporations, and individuals.

Additional Accomplishments

Premier Health donated \$2 million per year to support the development of a coordinated and comprehensive approach to opioid treatment and recovery for residents of Montgomery County. OneFifteen is a non-profit named for the 115 people who died of opioid overdoses each day in the U.S. in 2017. OneFifteen launched in 2019 with Premier Health Partners and Kettering Health Network in partnership with Verily, a sister company to Google. In June 2019 OneFifteen opened two of the six planned facilities on its campus. The first two facilities provide 33,000 square feet of spaces for outpatient and inpatient residential care plus community-based wraparound services. The next phase will be completed in 2020.

Premier Health employees volunteered their time (about 5 employees volunteered 3 hours) to assemble 500 Medication Disposal Kits. The kits consisted of Carbon Activated Medication Disposable Pouches, HelpMeNow App and Substance Abuse Educational Materials, Medication Drop-off Locations, and Postage Paid Survey/Thank You Postcards. The 500 kits were distributed at various community events including Hispanic Heritage Festival, African American Wellness Walk, Barbershop Health Initiative in Trotwood and Dayton, Lewisburg Block Party events, Troy, as well as targeted areas covered by home health nurses. Education was provided on how to use the bags and where medication drop receptacles were located. Some of the zip codes the kits were distributed amongst included: 45373, 45383, 45404, 45405, 45406, 45410, 45417, 45420, 45449, 45309, 45330 and 45338. Partners included Public Health

Dayton & Montgomery County, Premier Community Health, Breast Cancer and Cervical Project, and Fidelity Health Care.

Board Approval

Premier Health's Board of Directors approved the CHNA, including the recap of the 2017-2019 Implementation Strategies, on April 28, 2020.