

SUMMARY OF  
IMPLEMENTATION STRATEGIES  
2017-2019



MIAMI VALLEY HOSPITAL SOUTH

# Miami Valley Hospital South: Committed to Improving Community Health

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

MVHS is located in Centerville, Ohio and offers a wide range of advanced inpatient and outpatient care. Its services include emergency care, comprehensive cancer center, maternity care, spine and joint center, sports medicine services, among other services. It has 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 Clinton, Greene, Montgomery, and Warren 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

### *Safe Beginning*

Health issue: Birth outcomes

Intervention's goal: To reduce infant mortality by supporting safe sleep, ensuring food security, and providing other resources.

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 Caucasian babies. The Healthy People 2020 target rate is 6.0 deaths per 1,000 births. Safe sleep is a key strategy to improve outcomes. Sleep-related deaths are the leading cause of death for infants from one month to one year of age.

Status: As of December 2019, 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 mothers, receiving home visit services receive education and assessment of a safe sleep environment for their baby. 100% of all moms prenatal to age 1 of the child are screened for depression. 100% of healthy infants survive to first birthday. The 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.

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

***Project Search***

Health issue: Behavioral health

Intervention’s goals: Project Search is a transition program, focused on education and employment, for students with mild disabilities to gain work experience after high school.

Background: MVHS receives 30 to 40 applications annually for the program. It has the capacity to provide 12 internships per year.

Status: Since 2017 MVHS has graduated 32 interns, and they have all moved on to obtain 100% employment after the internships. \$120,000 value of staff time, \$40,000 annual value of space provided \$1,500 support for open house, family picnic, and graduation ceremony.

Partners: Miami Valley Career Technology Center, Opportunities for Ohioans with Disabilities, Montgomery County Board of Developmental Disabilities, and high school teachers

***Lung Cancer Screening***

Health issue: Chronic diseases - cancer

Intervention’s goals: To make lung cancer screening accessible for everyone.

Background: The U.S. Preventive Services Task Force recommends annual screening for lung cancer with low-dose computed tomography (LDCT) in adults age 55 to 80 years who have a 30-pack per year smoking history and currently smoke or have quit within the past 15 years. According to the Centers for Disease Prevention and Control, a Low-Dose CT scan is the recommended screening test for lung cancer.

Status:

Year	1/s or 2/s	3or >
2017	58	14
2018	103	6
2019	120	10
<b>Grand Total</b>	<b>281</b>	<b>30</b>

### **Recommended follow-up**

**Category 1:** continue annual screening with LDCT

**Category 2:** continue annual screening with LDCT

**Category 3:** 6-month follow-up with LDCT

**Category 4A:** 3-month follow-up with LDCT; PET/CT may be used if there is a  $\geq 8$  mm solid component

**Category 4B and 4X:** chest CT with or without contrast, as appropriate; PET-CT and/or tissue sampling depending on the probability of malignancy and comorbidities (PET-CT if solid component  $\geq 8$  mm); For new large nodules that develop on an annual repeat screening CT, a 1 month LDCT may be recommended to address potentially infectious or inflammatory conditions.

Partners: Premier Community Health, physician liaisons, community-based organizations

### ***Opiod Disease Education***

Health issue: Behavioral health/substance abuse

Intervention's goal: To provide education that addiction is a disease, and to change perceptions first of hospital personnel and medical professionals, and then of the community. The objectives are 1) to provide CEUs for education on this topic, with curriculum delivered by ADAMHS, and 2) to offer the education in the community.

Background: In 2015 the *Washington Post* called Dayton the epicenter of the heroin problem. From 2011 to 2015, heroin-related deaths increased by 225%, one of the highest rates in the nation, according to statistics from the U.S. Centers for Disease Control and Prevention. The rate of unintentional prescription drug overdose deaths has also risen. Front-line health workers are overwhelmed by the number of overdoses, and they can become judgmental when they do not understand the nature of opioid addiction. Such attitudes can impair successful referral to treatment.

Status:

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 in the bed tower lobby for the collection of unused prescription medications. More than 284 pounds were collected since the receptacle was installed in 2018.

Partners: Premier Health, Kettering Health Network, Public Health – Dayton & Montgomery County, and Montgomery County Alcohol, Drug Addiction & Mental Health Services.

### ***Additional Accomplishment***

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 Miami Valley Hospital South

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.

Additional Chronic Disease and Healthy Behaviors Strategies: Premier Health staff conducted education within several school districts during 2019 to address the rising use of e-cigarettes. Premier Health staff conducted more than 60 educational workshops at Springboro, Monroe, Miamisburg, and Centerville schools. The workshops touched more than 3000 middle and high school students, 50 parents, and 250 staff. Premier Health staff donated 100 hours in-kind for the education provided to the school districts. The educational offering was aligned with CDC's Tobacco Free Campaign.

## Board Approval

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