



Public Health
Prevent. Promote. Protect.
Greene County

this edition features:

- Vital Statistics Report
- Financial Summary
- Community & Social Engagement
- COVID-19 Pandemic Update
- Programs & Services By The Numbers
- And So Much More!

ANNUAL REPORT

2021



360 Wilson Drive
Xenia, OH 45385
937-374-5600
www.gcph.info

Melissa Howell, MS, MBA, MPH, RN, RS

Greene County Health Commissioner



Dear community members,

Public health has continued to be in the spotlight during year two of the pandemic and we are all ready to think beyond COVID-19.

The health district completed a new strategic plan for 2022-2024 with a focus on implementing evidence-based programs that improve the quality of life for our residents. We will expand the home visiting program, market programs to improve nutrition and physical activity and enhance disease surveillance systems. The data systems that have grown obsolete in the last twenty years will need to be enhanced and the workforce will need to train on new integrated systems.

Honored as a 2020 Achiever by Greene County DOD

Greene County Public Health was honored to be recognized as a 2020 Achiever in early 2021 by the Greene County Department of Development (DOD) for our pandemic response.



2021 Board of Health

William O. Beeman.....Bellbrook
Jane Clifton.....Fairborn
Sylvia Ellison.....MAL
Scott Filson.....MAL
Scott Hammond.....MAL
William Harden.....MAL
Angelia Mickle, MD.....MAL
J. Andrew Root, President.....Beavercreek

Tamisha Samiec, MD.....Xenia
Kathy Saunders.....MAL
Nancy Terwoord.....Fairborn
David Thompson, Vice President.....Xenia
Mark Walsh.....Beavercreek

MAL=Member at Large

District Advisory Council

2021 Officers: Chris Mucher, President; Thomas Pitstick, Secretary

Greene County Public Health serves the townships, villages and contract cities of the county. The chief executive of each of the villages, the president of the Greene County Board of Commissioners and the chairperson of each township's board of trustees are the designated members of the District Advisory Council. They are required by law to meet annually in March, and their statutory powers and duties include selecting board of health members, considering special reports from the board of health and reviewing the health district's budget.

Serving more than 165,000 residents every day, including:

Bath Township • Beavercreek • Beavercreek Township • Bellbrook • Bowersville
Caesarcreek Township • Cedarville • Cedarville Township • Clifton • Fairborn
Jamestown • Jefferson Township • Miami Township • New Jasper Township
Ross Township • Silvercreek Township • Spring Valley • Spring Valley Township
Sugarbush Township • Xenia • Xenia Township • Yellow Springs

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Senior Staff

Health Commissioner

Melissa Howell, MS, MBA, MPH, RN, RS

Deputy Health Commissioner

Noah Stuby, MBA

Medical Director

Kevin Sharrett, MD

Community Health Services

Jennifer Barga, MSN, RN

Environmental Health Services

Jeff Webb, RS, MPH

Planning, Preparedness & Promotion

Sheryl Wynn, MSPH

2021 Employees

Shadrick Adams, Jennifer Alfaro, Jennifer Barga, Kirsten Bean, Maria Booth, Don Brannen, Bob Brooks, Susie Brooks, Karen Burchfield, Kim Caudill, Joleen Channels, Scott Collins, Leesa Cox, Nicole Crawford, Juanita Davis, Carla DeBrosse, Jillian Drew, Kristianna Durham, Tish Falter, Laurie Fox, Danielle Gantner-Cooper, Jackie Gruza, Julie Hahn, Pam Hamer, Brenda Hamilton, Melissa Howell, Mark Isaacson, Jorge Magana Jimenez, Nancy Kessinger, Melody Kingsley, Leslie Koszycki, Tonja Lively, Bonnie Magato, Susan Martin, Matthew McCollough, Lisa Myers, Teresa Myers, Molly O'Hara, Deirdre Owsley, Joyce Price, Christine Propes, David Rasper, Kelly Ray, Shernaz Reporter, Jennifer Reynolds, Tara Robertson, Stephanie Sanders, Mindy Saunders, Rick Schairbaum, Christine Schlater, DJ Shontz, Larry Sites, Patricia Spradling, Ashley Steveley, Kelli Steward, Melanie Straight, Noah Stuby, Kim Sullivan, Elizabeth Varvel, Molly Vaught, Karen Ward, Jeff Webb, Samantha Webb, Jamee Wellman, Deb White, Sheryl Wynn

What IS Public Health?

Public health systems are commonly defined as “all public, private, and voluntary entities that contribute to the delivery of essential public health services within a jurisdiction.” This concept ensures that all entities’ (i.e. counties, villages, cities, townships) contributions to the health, and well-being of the community or state are recognized in assessing the provision of public health services.

The public health system includes 1) public health agencies at state and local levels; 2) healthcare providers; 3) public safety agencies; 4) human service and charity organizations; 5) education and youth development organizations; 6) recreation and arts-related organizations; 7) economic and philanthropic organizations; and 8) environmental agencies and organizations.

The public health system is made up of government agencies and private organizations that work to:

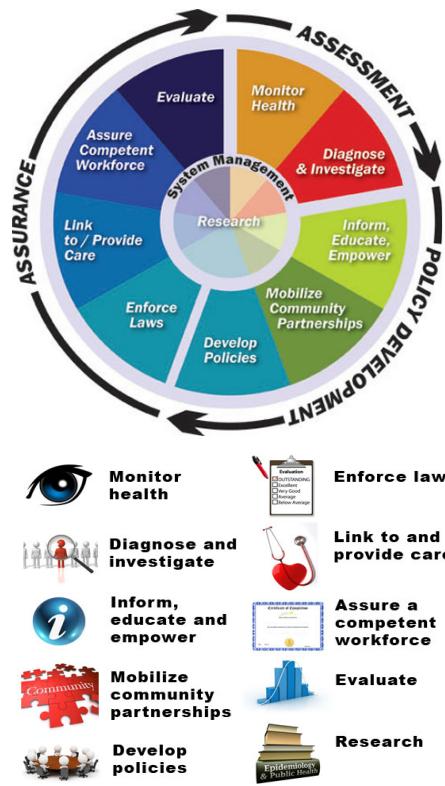
- Prevent epidemics and the spread of disease
- Protect against environmental hazards
- Prevent injuries
- Promote and support healthy behaviors
- Respond to disasters and assist communities in recovery
- Assure the quality and accessibility of health services.

Although public health organizations work closely with medical and social service providers, the field of public health is distinctly focused on prevention of health problems before they occur, populations and groups rather than individual patients, and all factors that affect health, including socio-economic factors and the physical environment.



The 10 Essential Public Health Services

The 10 Essential Public Health Services describe the public health activities that all communities should undertake:



- Monitor health status to identify and solve community health problems
- Diagnose and investigate health problems and health hazards in the community
- Inform, educate, and empower people about health issues
- Mobilize community partnerships and action to identify and solve health problems
- Develop policies and plans that support individual and community health efforts
- Enforce laws and regulations that protect health and ensure safety
- Link people to needed personal health services and assure the provision of health care when otherwise unavailable
- Assure competent public and personal health care workforce
- Evaluate effectiveness, accessibility, and quality of personal and population-based health services
- Research for new insights and innovative solutions to health problems.

Foundational Public Health Capabilities

These capabilities support all program activities and facilitate a focus on the social determinants of health. They include policy, infrastructure, and practice.

Foundational Public Health Areas

These are mandatory programs provided by the local health district because no one else in the community provides them, or they are provided inadequately by others in the public health system despite efforts to encourage and incentivize others to do so. Foundational areas are delivered on an adequate scale and quality

to protect health on a population-wide basis within the local health district’s jurisdiction. Foundational areas are essential to achieving health equity and reducing health disparities in communities. See pages 8-11 for our Foundational Public Health Areas.

COVID-19 Vaccination Efforts & Pandemic Response

The Ongoing Fight Against COVID-19

by Melissa Howell, Health Commissioner

The health district has been center stage along with other health providers and hospitals since early 2020 and throughout 2021 in the fight against COVID-19. In 2021, the health district met many monumental challenges by combining efforts of the public health team, community volunteers, and numerous local partners. Here are some of the statistics from the year:

- Vaccines administered: 114,256 (67.6%) have received at least one dose; 104,421 (61.8%) have received at least two doses or a single J&J; 45,106 (26.7%) have received a booster shot.
- PPE (personal protective equipment) distributed: 395,370 (gloves, gowns, masks)
- Tests conducted: 2,000 (PCR and Rapid, combined)
- COVID-19 cases reported and investigated: 17,490 per ODH
- Individuals at risk for developing COVID-19 because of exposure to someone diagnosed with COVID-19: 4,259 per ODH
- Deaths attributed to COVID-19: 254
- Clinics held: 200
- Home visits: 400

The health district provided mass vaccination clinics at the Russ Research Center in Beavercreek, in schools, senior centers, private businesses, shopping malls, local universities, and the health district main office. We made special efforts early on to reach people who have trouble accessing vaccines due to age or disability, medical providers, first responders, law enforcement, and those who are immunocompromised.

Our efforts helped to give Greene County the **second highest vaccination rate in the State**. In comparison to surrounding counties, our rate of hospitalization and death remained lower throughout the pandemic.

Many of the same challenges that existed during H1N1 persisted into the current situation. Vaccine distribution efforts to people over age 75 was a challenge because they needed to be able to access and navigate the internet. Registration systems, disease reporting system, surveillance systems, and vaccine management systems are outdated and difficult to navigate. Lab capacity and testing were challenged to keep up during periods of increased transmission (surge).

Combatting Mis- and Disinformation

Greene County Public Health reports to Health Commissioner Howell, who is appointed by the Greene County Board of Health, a 13-member group of citizens and professionals from the various jurisdictions in the county. The board follows the guidance and direction of its superior, the state health department, the Ohio Department of Health (ODH). ODH takes their guidance from the state director of health, who reports to the Governor of the state of Ohio. The state relies on the science and medical expertise of the professionals at ODH, the Centers for Disease Control & Prevention (CDC), as well as other reputable agencies and organizations throughout the state and the country.

Since the beginning of the pandemic, there has been quite a bit of confusion and frustration from the general public about some of the

information and recommendations, along with the vaccines, which then trickles down to the local public health agencies. It is the mission of Greene County Public Health to prevent disease, promote health and wellness in Greene County, and protect the quality of our environment. This means we follow the guidance and expertise of those who have spent decades studying dangerous diseases and viruses, how they spread, and what can be done to best protect our communities.

Our agency has remained consistent with messaging and recommendations since the beginning of the pandemic and vaccine rollout: wear a mask that covers your nose and mouth, avoid large gatherings, stay 6' apart from others, wash hands often and thoroughly, and **GET VACCINATED**. We provided the most up to date vaccine information available as soon as we could, but there was a lot of mis- and disinformation that we were up against and continue to battle.

A few of the COVID-19 myths and rumors that have all been debunked, include:

- The ingredients in COVID-19 vaccines are dangerous.
- COVID-19 vaccines contain microchips.
- COVID-19 vaccines can alter your DNA.
- COVID-19 vaccines will affect your fertility
- COVID-19 vaccines cannot be safe as they were developed too quickly

Get the facts by visiting: <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/facts.html>.

I Got The COVID-19 Vaccine Because...



Community Support Provided Encouragement to Employees & Volunteers

We would be remiss if we didn't mention the hundreds of positive words of encouragement and support that we received through cards, messages on social media, emails, and phone calls. These certainly have been challenging and dark times for many in the public health field, and these messages certainly brightened our days. If you sent us a message in any format, please know we truly **THANK YOU** and **APPRECIATE** each and every word.

Thank You!

Remembering Sheriff Gene Fischer

The team at Greene County Public Health and all of Greene County suffered a tremendous loss with the sudden and unexpected death of Sheriff Gene Fischer. Sheriff Fischer played a critical role in many facets of our public health activities, including providing major support during our COVID-19 response and vaccination clinics. In addition, he was a critical part of our Safe Communities Coalition helping to spread traffic safety messaging and provide valuable resources to events in which we participated. For many years, he also shared his leadership, his wonderful sense of humor, funny stories, and 'bad dad jokes' with us all during the annual dinners that were held in honor of our employees and volunteers. He was well respected by this agency and served his fellow Greene Countians with fairness, care and compassion. His generous spirit will never be forgotten. Our hearts are with his wife, Gail, and daughter Brittany. He will be missed more than we can ever imagine.

Gone but never forgotten 6/23/56~11/16/21



Strategic Plan 2022-2024

This health district document will guide the overall planning, prioritizing, positioning, and performance of the health district for the next three years. Each priority is carefully considered when operating existing programs, expanding existing programs, and evaluating the performance of the health district. The outcomes we hope to achieve are listed in the chart below.



*The CHA, the CHIP and the Strategic Plan are core components of public health accreditation.
The plans can be found on our website at <https://www.gcph.info/about/accreditation>*

Accreditation News and Update

Community Health Improvement Plan 2020

The Greene County Community Health Improvement Plan (CHIP) provides a strategy to address priority health issues through collaborative community engagement toward improving the health status of every member of the community. At the completion of a Community Health Assessment in February 2020, the three health priority areas in the chart below were identified by the collaborative group, Growing Healthy Greene County, to address over the next three years.

Priorities	Obesity	Substance Use Disorders	Preventative Health Services
Personal Health	Physical Activity* Fruit & Vegetable Consumption	Binge Drinking Tobacco Use*	Lack access to healthcare because of cost (inequity) Service availability and accessibility
Contributing Factors	Lack motivation for physical activity Food insecurity (inequity)	Adverse Childhood Experiences (inequity)* Stress Diabetes* Adverse Childhood Experiences (inequity)	Health Insurance Coverage* Health Literacy (inequity)

In 2021, we submitted our annual report to the Public Health Accreditation Board. We are actively working towards re-accreditation in 2025.

Emergency Preparedness...Are YOU Ready?

During 2021, our emergency preparedness plans, training and collaborative working relationships were put to use in the continued and varied response activities related to COVID-19. Our community partners and all of Greene County benefited from years of planning, training, exercises, and putting systems in place to prepare not only for pandemics, but also for any disaster or emergency situation that would put the public's health at risk. Even in the midst of our continued response efforts, the work of developing, reviewing and revising plans; collaborating with local, regional, and state partners; overseeing monitoring and surveillance systems; and providing information to our community partners, the media and the public have continued to be a priority. In addition to the annual state funding and guidance from the state for the Public Health Emergency Preparedness program, the health district received additional funding to support the vaccination, testing, contact tracing and protective equipment that have been provided throughout the county. The funding and supplies received from the state helped support not only our response activities but also to keep our first responders, county government and service agencies equipped and operational.

We continually review our actions from both exercises and real-life events to improve plans and be better prepared for whatever threatens the health of our communities. The health district is also a strong promoter of personal preparedness for our employees and community members, providing encouragement, tools, and information via our website, social media, and community presentations. Our Greene County Emergency Preparedness Guide provides helpful tips and areas to jot down notes and important information. Get your copy today on our website at https://www.gcph.info/files/documents/files/2021/03/emergency_preparedness_guide.pdf

Financial Summary

Percentage of Revenue Spent

81%

2021 YTD Revenue

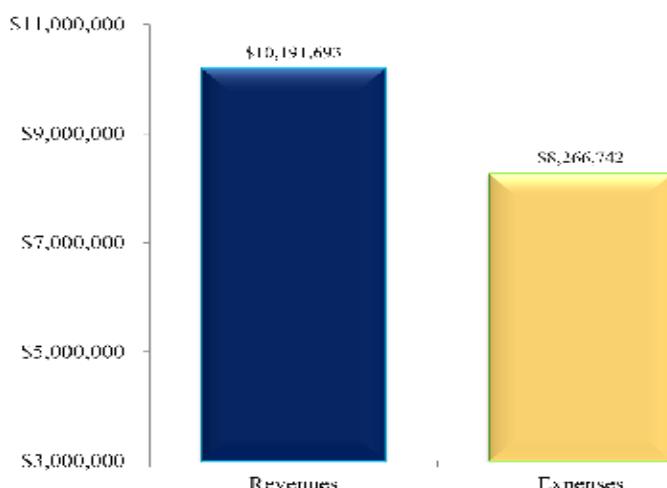
\$10,191,693.00

2021 YTD Expenses

\$8,266,742.00

Difference

\$1,924,951.00



2021 Revenue

.8 Mil Levy	\$2,909,744.00
Taxes/Homestead Rollback	\$ 354,878.00
Subdivision/City Contracts	\$ 355,627.00
State Monies	\$1,077,195.00
Federal Monies	\$1,895,101.00
Fees	\$ 342,530.00
Licenses/Permits	\$1,167,068.00
Reimbursements	\$1,098,464.00
Other	\$ 82,486.00
Transfers In	\$ 908,600.00
Advances	\$ 0.00
Total	\$10,191,693.00

2021 Expenses

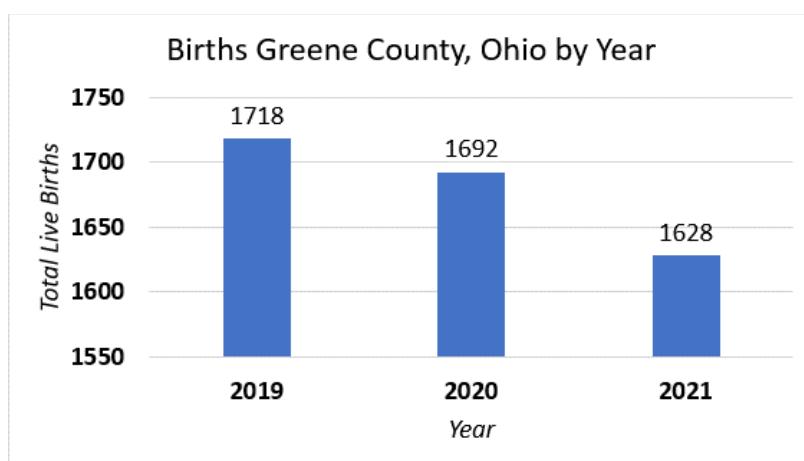
Staff Salaries	\$3,481,719.00
Fringe Benefits	\$1,049,035.00
Professional Services/Contracts	\$ 289,576.00
Travel/Training	\$ 19,019.00
Advertising/Printing	\$ 51,389.00
Dues/Subscriptions	\$ 109,958.00
Materials/Supplies	\$ 262,975.00
Equipment/Vehicles	\$ 152,896.00
State Remittance Fees	\$ 346,055.00
Other Operating Expenses	\$1,595,522.00
Transfers Out	\$ 908,600.00
Total	\$8,266,742.00

As part of our strategic plan, we maintain our financial stability through well managed programs that continue to see growing revenue, as well as look for ways to reduce employee time and expenses through various quality improvement projects. We continue to seek out new and more effective ways of assuring compliance with state and local regulations, to provide education to stakeholders, and increase transparency.

The chart to the left shows Greene County Public Health's revenues and expenses for the period which ended December 31, 2021. A detailed copy of the annual financial statement is available by contacting Noah Stuby at 937-374-5662 or nstuby@gcpb.info.

Office of Vital Statistics

Our office receives, records, and maintains all birth and death certificates for Greene County from December 1908 to the present. Certificates are recorded in the county in which the birth or death occurs regardless of place of residence. Birth and death certificates are available in standard size for a fee of \$24.00 per certified copy. Birth certificates are available at our Xenia office for births that occurred in any county in Ohio. For your convenience, you can process online requests through VitalChek Network Inc., at their website, www.vitalcheck.com. An additional fee is charged by VitalChek for using this service, and all major credit cards are accepted, including American Express®, Discover®, MasterCard®, or Visa®.



This chart above shows those Greene County residents who gave birth, regardless of the location of birth.

Top 10 Causes of Death in Greene County 2021

Cause of Death	2020	2021*
Heart Disease.....	357	390
Cancer.....	347	323
COVID-19.....	169	254
Stroke.....	136	160
Accidents.....	109	107
Respiratory diseases.....	69	55
Alzheimer's disease.....	55	53
Diabetes mellitus.....	46	48
Parkinson's Disease.....	28	28
Septicemia (blood infection).....	38	27
All other causes.....	519	464
Total Deaths	1,873	1,909

* The year 2021 is considered partial and may be incomplete. Source: Ohio Department of Health 2/20/2021.

Inform & Educate...The Importance of Sharing our Message

Speaker's Bureau

Our highly trained, professional team is extremely knowledgable on various health-related topics from bed bugs and flu, to chronic disease and food safety. If your organization, school, or business would be interested in having us do a public health presentation for your group, please log on to our website and fill out our online form: <https://www.gcpb.info/about/contact-us/community-event-requests>.

Community Outreach

In 2021, we featured our public health mobile trailer at the Greene County Fair and the Fairborn Sweet Corn Festival. However, the pandemic and the large amount of staff it took to provide assistance in our vaccination clinics throughout the year took precedence and prevented us from participating in other local festivals. We did participate in some smaller public events related to specific grants or programs. We hope that 2022 will allow us the opportunity to get back out to these special events that are such a large part of our families' lives. If you are interested in having us come to a local health fair or community event, please log on to our website and fill out our online form: <https://www.gcpb.info/about/contact-us/community-event-requests>.



by the NUMBERS

111

Press Releases
sent to the Media

18

Health Fairs,
Festivals & Events

162

Media
Engagements

7

Speaking
Engagements

The Buzz on Social Media

Our social media platforms were important pieces of our pandemic response in 2021 as COVID-19 continued to sweep through our region. Sharing important messages from the Ohio Department of Health, the World Health Organization, the CDC, and other reputable sources was key in ensuring that residents had the most up to date information available to make the best decision regarding the overall health and safety of their family. We continue to share messages, not only about the pandemic, but also about the many other valuable services and programs we offer.

Our top two platforms are Twitter and Facebook. Our tweets on Twitter reached 264,200 people, while Facebook reached 1,171,662 people. Instagram reached 357,441 people, while LinkedIn post impressions reached 4,654 people. Join us on these platforms as we continue to share important information that can affect you and your family's overall health and well-being. Learning about new health trends and issues is instantly at your fingertips, and you can stay informed about upcoming events and opportunities.

The Last Piece of the Puzzle: 2020 Time Capsule



Laurie Fox, Public Information Officer

Welcome & Introductions

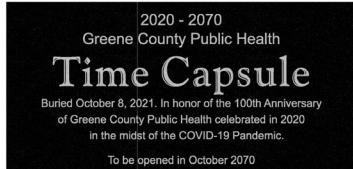
Melissa Howell, MS, MBA, MPH, RN, RS Health Commissioner

Recognition of Special Guests/Employees
Comments

Laurie Fox, Public Information Officer
Special Announcements

Laurie Fox, Public Information Officer

Official Burial of the capsule by the Health Commissioner



Contents of the Time Capsule

- 1 copy of the draft of the time capsule marker prepared by Dodd's Memorials
- 1 adult large t-shirt "Crushing COVID-19 Day By Day"
- 1 100th Anniversary Special Edition Annual Report
- 1 COVID-19 Vaccination Record Card
- 1 Greene County Public Health coffee mug
- 1 small plastic bottle of hand sanitizer (empty)
- 1 yellow "I got my COVID-19 vaccine" pin
- 1 Greene County Public Health lanyard holder
- 2 syringes (1 Pfizer/ 1 Moderna - no needles)
- 1 empty vial of each brand of vaccine (Johnson & Johnson's Janssen, Pfizer/Comirnaty, and Moderna)
- 1 Greene County Public Health face mask
- 1 pack of tissues
- 1 small Greene County Public Health magnet
- 1 Greene County Public Health kitchen conversations magnet
- 1 small, framed photo of the building
- 1 Greene County Public Health power bank
- 1 challenge coin "We're in this together - COVID-19 Pandemic"
- 1 challenge coin "Greene County Medical Reserve Corps - COVID-19 Responder"
- 1 "I Got My COVID-19 Vaccine" sticker
- 1 "Thank you for getting vaccinated" note
- 3 100th Anniversary gold stickers
- 1 "Wash Your Hands Frequently" sticker
- 1 general information brochure for Greene County Public Health
- 1 Greene County map
- 1 Greene County Annual Report to the Community (GCPH recognized on pages 5-6)
- 1 Greene County Emergency Preparedness Guide
- 1 Greene County Public Health Programs and Services Guide
- 1 contact tracing information card
- 1 Greene County Public Health pen
- 1 commemorative hard back book of the new building
- 1 Greene County Public Health holiday ornament
- 1 Greene County Public Health Centennial Celebration program
- 1 COVID-19 newspaper insert from April 1, 2020
- 1 2020 Calendar
- 11 sleeves filled with "I Got the COVID-19 Vaccine Because..." posters
- 1 homemade face mask ("2020 Definitely would not recommend") created by Samantha Webb, RN, an employee of Greene County Public Health
- 1 timeline of the pandemic created by Don Brannen, PhD, epidemiologist for Greene County Public Health
- NEWSPAPER ARTICLES
 - 44 sleeves of articles from the Dayton Daily News & Xenia Daily Gazette
- PHOTOS
 - 8 sleeves of photos with descriptions
- A LITTLE DOSE OF HAPPY
 - 7 sleeves of happy notes that helped the employees get through some difficult days. These were shared every Friday morning on our social media accounts including Facebook, Instagram and Twitter. These began in June of 2020 and are ongoing (October 2021).
- THANK YOU CARDS
 - Beavercreek Township Trustee, Deborah L. Wallace
 - Gracie, Board Member of the Bellbrook H.O.S.A. (club for future health professionals)
 - Kay Stickenberg, Retired School Nurse
 - Cam Albright
 - George & Barbara Reynolds
 - Jane Clifton, Board of Health member
 - Lorna Dunn
 - Caitlin Estep
 - Allen Moody
 - BHS Student (Bellbrook)
 - Wright State University Students

On Friday, October 8, 2021, members of the public and local dignitaries joined us as we put the last piece of our 100th anniversary celebration puzzle in the ground. A big shout out to the local media for covering this event, Greene County Archives for providing valuable guidance, and our friends at Greene County Services for building our time capsule. The stone was crafted by Dodd's Memorials in Xenia. The time capsule will be opened in October of 2070, 50 years after our 100th anniversary.



Chronic Disease & Injury Prevention

Tobacco/Vaping

In 2021, the tobacco program partnered with Bridges of Hope homeless shelter in Xenia to help us understand the unique challenges to tobacco cessation in the low income and homeless population in Greene County. This workgroup brings a unique health equity approach to our work because it focuses on building community alliances and gaining the trust of the population we are working to serve. We also understand that staff and clients at Bridges of Hope are especially well equipped to identify the barriers to tobacco cessation in their community and should be the leaders in this work. The health department provides research, data and technical expertise as well as seed funds for this workgroup to develop a health equity strategic plan addressing tobacco cessation in low-income populations in Greene County.

We were also proud to support Greene County residents in their efforts to lead tobacco-free lives through our participation in the Drug Take Back Day on April 21, 2021, with Senator Rob Portman and the late Sheriff Gene Fisher. This event collected expired and unused tobacco, and prescription drugs for safe disposal.



The tobacco programs continues to promote the Ohio Quit Line, a free cessation resource available to all Ohioans, that provides individual cessation counseling sessions over the phone and nicotine replacement therapy, 1-800-QUIT-NOW.

We are also excited to announce the launch of My Life My Quit, a text-based cessation service, geared to help youth quit vaping.

Safe Communities

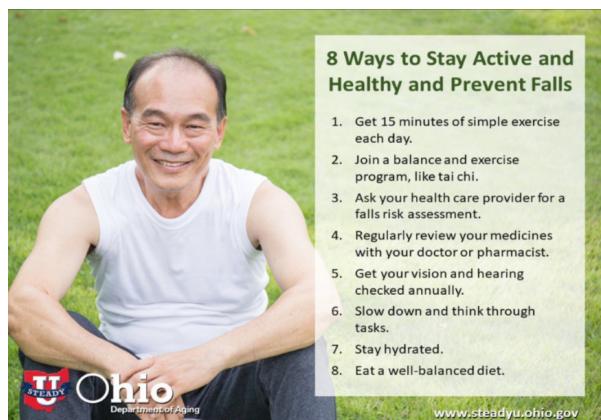
The Safe Communities Coalition's goal is to reduce traffic fatalities on Greene County roadways. In 2021, Greene County had ten fatal crashes, down from 13 in 2020. We hosted one evidence-based ThinkFast® Interactive Awareness program at the Greene County Career Center to educate students on safe driving techniques. We also participated in the annual Click It or Ticket campaign and the annual Blessing of the Bikes at Kil-Kare Speedway in Xenia.



Syndromic Surveillance Data for Accidental Fall Injury

Most fall risk studies have been done on an inpatient population utilizing a cohort study. Greene County Public Health conducted a case-control population-based study using Epicenter, a syndromic surveillance system, for fall injuries occurring across twenty-five counties in Southwest Ohio. Females aged 65 years and older are at higher risk for fall. Days with freezing temperatures contributed to higher fall injury case fatality rates. Fall injury diagnosis was increasingly more likely to be made for individuals who had repeat acute care visits ($R=0.333$, $p<0.001$). Community fall prevention programs should focus on those most likely to fall, their underlying health conditions, risk (inactivity and living alone) and be informed by population-based studies which identify freezing temperatures and months (November and December in this study) when falls are most likely to occur.

The findings of the study, completed by Donald E. Brannen, Melissa Howell, Deidre Owsley, Ashley Steveley, and Jeff Webb, were published in the Online Journal of Public Health Informatics in 2021. You can visit their website at <http://ojphi.org>.



**KNOW SAFETY, NO INJURY.
NO SAFETY, KNOW INJURY.
-ANONYMOUS**

SafeTrade

SafeTrade is a syringe service program (SSP) that helps decrease the spread of disease and illness, while helping clean up discharged, used syringes in the community. SafeTrade is held every Wednesday in Xenia and every Friday in Fairborn. SafeTrade offers the following for their participants: Naloxone (Narcan) kits, fentanyl test strips, and overdose education; HIV, hepatitis C, and syphilis testing, counseling, and referrals; pregnancy tests, safe sex kits, and sexually transmitted infection education; referrals to substance use disorder treatment, mental health treatment, and medical care; and sterile supplies, wound care, and harm reduction education. *By the end of December 2021, SafeTrade had exchanged 20,180 syringes, a 32% increase over the previous year.*

Project DAWN

Project DAWN (Deaths Avoided With Naloxone) is a network of opioid overdose education and naloxone distribution programs coordinated by the Ohio Department of Health. In August 2021, we received a continuation of the Integrated Naloxone Access and Infrastructure grant from the Ohio Department of Health. The goal of the grant is to increase access to the life-saving opioid overdose reversal drug and decrease the number of unintentional opioid overdoses, which reached a record high in Greene County in 2017 with 63 such deaths reported.

In May 2020, we began our Mail Order Naloxone (Narcan) program: <https://bit.ly/3f2yjIJ>, and distributed 233 Narcan kits in 2021. In December 2021, the Public Health Accreditation Board (PHAB) Public Health National Center for Innovations (PHNCI) featured our Mail Order Naloxone program as their Innovation Story <https://phnci.org/innovations/opioid-overdose-response-in-greene-county-ohio>



In 2021, our Project DAWN program distributed 3,044 naloxone kits, 52% more than the previous year.

Greene County Medical Reserve Corps

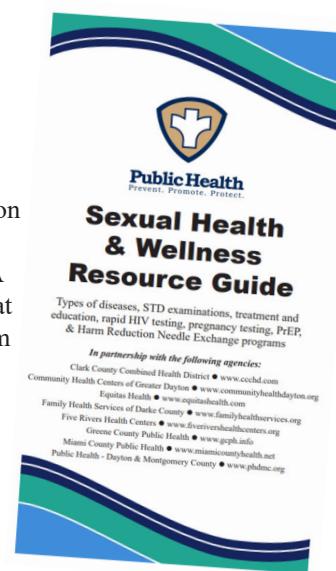
The Greene County Medical Reserve Corps (MRC) unit is part of a national network of volunteers organized locally to improve the health and safety of their communities. Greene County Public Health hosts the unit and in collaboration with the Greene County Emergency Management Agency coordinates the Greene County Citizen's Corps unit as well. Those two volunteer units were activated 52 times in 2021 to help with the COVID-19 pandemic. To date, the unit has provided over \$600,000 in volunteer time to the county's pandemic response. Over 600 volunteers have helped with contact tracing, case investigation, and mass vaccination. The Greene County Medical Reserve Corps and Citizen's Corps have helped staff 47 clinics in 2021 alone.



Challenge Coins were given to each volunteer and all public health employees at a recognition event in September 2021 for their work throughout the pandemic. One of the coins was included in the time capsule (see page 7). One side of the coin shows the public health logo, while the other side shows the MRC logo.

Sexual Health & Wellness Resource Guide Now Available

In 2021, we worked with seven other regional agencies to develop a guide with information on various diseases, STD examinations, treatments and education, rapid HIV testing, pregnancy testing, PrEP (pre-exposure prophylaxis) and Harm Reduction Needle Exchange programs. A list of all providers in the region is included. You can download this guide from our website at <https://www.gcpb.info/wellness-services/communicable-disease/hiv-aids>. Scroll to the bottom and click on **Sexual Health and Wellness Resource Guide** under **Additional Resources**.



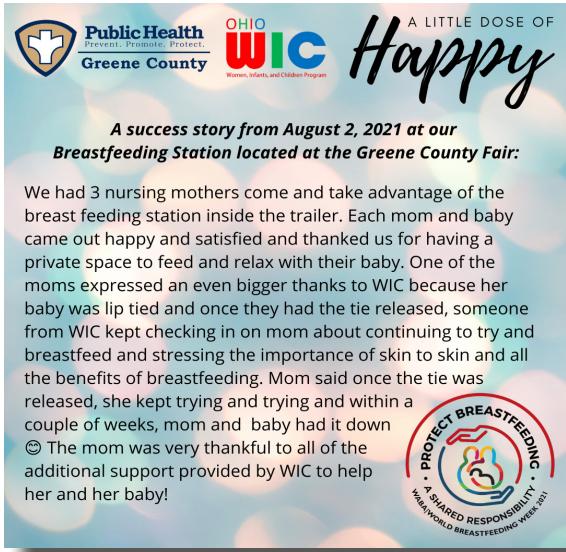
Help Me Grow Home Visiting

Help Me Grow is Ohio's evidenced-based parent support program that encourages early prenatal and well-baby care, as well as parenting education to promote the comprehensive health and development of children. 2021 allowed our home visitors back in the homes of families as it was safe to be there. They screened families for illness prior to visits and still provide virtual visits as necessary. Through various partnerships, our team members dropped off diapers, toys, activities, and supplies in between video and phone visits.

Women, Infants & Children (WIC)

We were honored to be recognized by the Ohio WIC program for our "A Little Dose of Happy" series that is shared every Friday. One post in particular in August 2021 focused on our Breastfeeding Station featured at the Greene County Fair. See graphic below.

Women who participate in WIC give birth to healthier babies who are at lower risk for infant mortality. WIC connects moms to prenatal care, promotes nutritious eating, and provides healthy foods—all great reasons for pregnant women to enroll in WIC!



The art of eating good food, having fun at your family table, and watching your family attain a healthy lifestyle! WIC helps you:

- Try new foods and recipes
- Learn about your family's diet needs
- Follow your children's growth
- Feel good during your pregnancy
- Grow a healthy baby
- Make the best feeding decisions for you and your family
- Be successful with your breastfeeding goals
- Strive for an active lifestyle

Baby & Me Tobacco Free™

The BABY & ME – Tobacco Free Program™ is an evidence based, smoking cessation program created to reduce the burden of tobacco on the pregnant and postpartum population. This program helps pregnant women and their

partners quit smoking before the baby is born. We seek to accomplish this mission by addressing the high prevalence of tobacco use among young women during pregnancy. By providing counseling support and resources to pregnant women, it is our goal that they will quit smoking and maintain smoking cessation throughout the postpartum period and beyond. In 2021, this program provided 36 prenatal visits, 22 postpartum visits, and 34 supplemental visits.

Ohio Early Intervention

Early Intervention (EI) works with families with children birth to age 3 who have developmental delays or disabilities so that they have the best possible start in life.

Throughout the pandemic, the EI program has seen an increase in speech and behavioral related concerns among children ages 1-3.

Since 2019, speech referrals have increased the last two years by 20%. More specifically, in 2021, speech referrals comprised 61% of all referrals made to Early



Intervention. One way the EI program has supported families through these challenges has been to provide strategies and activities families can use to help their children with their speech and socialization. Employees have also been a great resource for families connecting them with the with needed community resources. Additionally, the program continues to collaborate closely with the Infant Mental Health Program through the Educational Services Center that provides additional support to EI employees and to families supporting and addressing family challenges due to the additional stressors families continue to face as a result of the pandemic.

Maternal & Child Health by the NUMBERS

Communicable diseases reported, inc. COVID-19	15,382
WIC total number of contacts	5,105
WIC avg. monthly caseload - Xenia	736
WIC avg. monthly caseload - Fairborn	498
CMH average caseload	519
Active TB cases	0
Help Me Grow total families served	82
Help Me Grow home visits	2,075
Early Intervention Service Coordination visits	1,575
Early Intervention total children served	464
HIV Tests Performed	64

Our Drone Program

In 2020, we acquired an Anafi Parrot drone for aerial photography which has been very useful in imaging new or replacement septic systems. It is a full color photo of the septic system and the surrounding property. All the data collected in the field such as line lengths, isolation distances and elevation are added to the image.



This image file is then added to the digital file for that address. Then when a homeowner, realtor or installer requests information on the property, it can be sent to the requestor within minutes. In the future, we hope to work with the county to associate these images with GIS (geographic information system) mapping and make it available to the public.

In 2021, the drone program continued to make good progress. Each new sewage system that is installed has pictures taken with the drone to be placed in the records for that address. The drone is being used to investigate mosquito breeding sites on a regular basis. In January 2022, we will be acquiring a second drone.

Our agency is a recognized leader in the use of drones in environmental health in Ohio. We provided a presentation on the drone program at the 15th annual Greene County Sewage Contractor Training meeting held on December 14, 2021. We also had one of our employees speak at the Champaign County Annual Sewage Contractors meeting and at the Ohio Environmental Health Association (OEHA) Southwest District meeting on October 7, 2021. In addition, we have been asked to provide a speaker at the Annual Spring OEHA conference in Columbus in 2022.

Mosquito Control Program

We work with contracting jurisdictions throughout Greene County to prevent the spread of West Nile Virus (WNV) and



FIGHT THE BITE

other mosquito-borne diseases, and to reduce the nuisance from biting mosquitoes. We utilize Integrated Pest Management techniques such as: trapping and identifying mosquito species, testing mosquitoes for WNV, applying larvicide and adulticide only when

necessary, and providing community education. This integrated approach controls mosquito populations and helps prevent the spread of disease.

In 2021, our Pest Control Operators applied larvicide on 29 occasions, trapped mosquitoes in 15 locations, and sent 26 pools of mosquitoes to ODH for testing. Four of these samples from one location tested positive for WNV, although

no human illness was suspected from it. Additionally, we applied adulticide (sprayed or fogged) at this site, and in five other locations across the county.

In total, Ohio had 1,286 mosquito samples testing positive for WNV. Fortunately, only 13 human cases of WNV was reported for 2021.

Food Protection Training Courses

During 2021, a total of seven food training courses were conducted in Greene County. A total of 91 students were trained in these classes. The course that was once called "Level 1" became "Person-in-Charge (PIC) Certification" and the "Level 2" course became "Manager Certification", which remained a ServSafe® course. Curriculum changes to the PIC course by ODH resulted in this becoming a 2 ½ hour course. Please visit our website to see the 2022 Food Protection Course schedule at: <https://www.gcph.info/environmental-health/food-safety/education-and-training>



Environmental Health by the NUMBERS

Plumbing Permits Issued	2,270
Water System Permits Issued	76
Rabies Investigations Completed	285
Swimming Pools & Spas Inspected	490
Temporary Food Licenses Issued	119
Food Licenses Issued (incl. vending/mobile)	876
Sewage Treatment Systems Inspected	145
Trash Disposal Trucks Inspected	196
School Building Inspections	96
Body Art Establishment Inspections	41
Food Protection Inspections Conducted	2,548
Food Facility Sanitation Concerns Investigated	75



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We are grateful for your support! Public Health depends on the levy.

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<https://www.linkedin.com>
-  Email us at general@gcph.info
-  Call us at (937) 374-5600 or toll free at 1-866-858-3588

The Public Health Levy is a primary source of funding for many of the most critical social and health services of the county. 
We're here for YOU!

Greene County Public Health
360 Wilson Drive, Xenia, OH 45385
(937) 374-5600 or toll free 1-866-858-3588
www.gcph.info

Vision

Our vision is to be the recognized leader that addresses health outcomes, reduces health disparities, upholds standards of public health practice, and improves service to the community.

Mission Statement

Our mission is to prevent disease, promote health and wellness in Greene County, and protect the quality of our environment.

Scope

Our employees accomplish our mission through integrated community efforts and assessment, health education, collaboration and assurance of quality services, disease prevention and control, and emergency preparedness.

Our services are designed to protect and improve the health of the community. We provide birth and death certificates, easily accessible community public health services and environmental health programs. We ensure safety of food and water, protection from disease, and readiness to respond to emergencies. The organization was created by Ohio Revised Code 3707 and 3709 in 1920.

The levy, typically on the ballot every five years, makes up 33.6% of the health district's total revenue. For \$24.50 per year/per \$100.000 home value, the district provides convenient, population-based services to children and pregnant women, Women, Infants & Children (WIC), special services to families with medical and developmental needs, school inspections, general operations, nuisance abatement, rabies and other environmental health investigations.