



Public Health
Prevent. Promote. Protect.
Dayton & Montgomery County

PUBLIC HEALTH - DAYTON & MONTGOMERY COUNTY

Monthly Update

JULY 2025

Mosquitoes Test Positive for West Nile Virus in Montgomery County

Public Health - Dayton & Montgomery County's [Mosquito and Vector Disease Control](#) program has detected mosquitoes that tested positive for West Nile Virus (WNV) in traps set at Wegerzyn Gardens MetroPark, located at 1301 E. Siebenthaler Ave. The positive mosquito pool was collected on May 29. Currently, there have been no reported human cases of West Nile Virus in Montgomery County in 2025.

When trapped mosquitoes test positive for WNV, Public Health sprays the affected area with *Duet* to help reduce the adult mosquito population when the mosquito is trapped in a contracted area. Public Health sprayed at the park during the week of June 23rd. Signs were placed in the area of the spraying. Residents can call 937-225-4362 for more information.



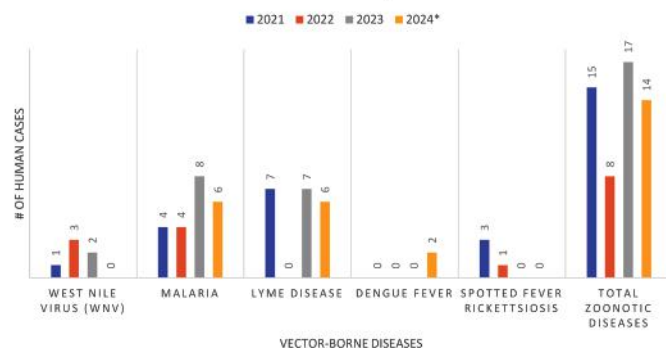
Duet is an adulticide mosquito control product. The Environmental Protection Agency (EPA) has evaluated Duet and determined that using it according to label guidelines, in residential areas, including in and around gardens and over non-organic agricultural crop areas, does not pose a significant risk to people or animals. For more information about Duet, visit <https://www.clarke.com/product/duet-adulticide/>

It is not uncommon for a mosquito to test positive for WNV, and Public Health's program is designed to help educate the public about the diseases mosquitoes may carry, how they can protect themselves from mosquito bites, and how they can help reduce the mosquito population.

West Nile Virus (WNV) is the leading cause of mosquito-borne disease in the continental United States. It is most commonly spread to people by the bite of an infected mosquito. Cases of WNV occur during mosquito season, which starts in the summer and continues through fall.

There are no vaccines to prevent or medications to treat WNV in people. Fortunately, most people infected with WNV do not feel sick. About 1 in 5 people who are infected develop a fever and other symptoms. About 1 out of 150 infected people develop a serious, sometimes fatal, illness.

VECTOR-BORNE DISEASE IN MONTGOMERY COUNTY, OHIO 2021-2024



Public Health tracks Zoonotic diseases and this data can be found at <https://www.phdmc.org/data-reports/communicable-disease-report>.

Mosquito- and tick-borne diseases continue to cause serious illness, hospitalization, and death in the United States. Public Health conducts surveillance for both mosquitoes and ticks (see chart above).

How to Reduce Your Risk of West Nile Virus:

- ▶ Use EPA-approved mosquito repellent containing DEET and follow the label directions.
- ▶ Between dusk and dawn when mosquitoes are most active, be sure to wear long pants, a long-sleeved shirt, shoes and socks.
- ▶ Wear light-colored clothing, which is less attractive to mosquitoes.
- ▶ Install or repair screens on windows and doors to keep mosquitoes out of your home.
- ▶ Make sure gutters are clean and draining properly.
- ▶ Eliminate standing water in your yard as well as from flower pots, buckets and barrels. Change the water in pet dishes and replace the water in bird baths weekly. Drill holes in tire swings so water drains out. Keep children's wading pools empty and on their sides when they aren't being used.





Summer is synonymous with barbecues, parades, and fireworks. The [National Safety Council](#) advises everyone to enjoy fireworks at public displays conducted by professionals, and not to use any fireworks at home. They may be legal, but they are not safe.

Every year, thousands of people are injured badly enough to require medical treatment after fireworks-related incidents, with many of the injuries to children and young adults. While the majority of these incidents are due to amateurs attempting to use professional-grade, homemade or other illegal fireworks or explosives, less powerful devices, like small firecrackers and sparklers, can also cause significant injuries. Additionally, fireworks start an average of 19,000 fires each year.

Sparklers are Dangerous

Every year, young children can be found along parade routes and at festivals with sparklers in hand, but sparklers are a lot more dangerous than most people think.

Sparklers burn at about 2,000 degrees – hot enough to melt some metals. Sparklers can quickly ignite clothing, and children have received severe burns from dropping sparklers on their feet. According to the National Fire Protection Association, sparklers alone account for more than 25% of emergency room visits for fireworks injuries. For children under 5 years of age, sparklers accounted for nearly half of the total estimated injuries. Consider using safer alternatives, such as glow sticks, confetti poppers or colored streamers.

Fireworks Safety Tips

If consumer fireworks are legal to buy where you live and you choose to use them, be sure to follow these safety tips:

- ▶ *Never allow young children to handle fireworks.*
- ▶ *Older children should use them only under close adult supervision.*
- ▶ *Never use fireworks while impaired by drugs or alcohol.*
- ▶ *Anyone using fireworks or standing nearby should wear protective eyewear.*
- ▶ *Never hold lighted fireworks in your hands.*
- ▶ *Never light fireworks indoors.*
- ▶ *Only use them away from people, houses and flammable material.*
- ▶ *Never point or throw fireworks at another person.*
- ▶ *Only light one device at a time and maintain a safe distance after lighting.*
- ▶ *Never ignite devices in a container.*
- ▶ *Do not try to re-light or handle malfunctioning fireworks.*
- ▶ *Soak both spent and unused fireworks in water for a few hours before discarding.*
- ▶ *Keep a bucket of water nearby to extinguish fireworks that don't go off or in case of fire.*
- ▶ *Never use illegal fireworks.*

Better yet, grab a blanket and a patch of lawn, kick back and let the experts handle the fireworks show.



Prevent Hot Car Deaths:

Never Leave Children or Pets Unattended in a Car.

It is extremely dangerous and potentially fatal to leave [children or pets unattended in a hot car](#). Even on a moderately warm day, a car's interior can heat up rapidly, reaching dangerous temperatures within minutes. This can lead to heatstroke, brain damage, and even death for both children and pets.

Here's why it's so dangerous:

Rapid temperature increase:

A car's interior can heat up 20 degrees Fahrenheit in just 10 minutes, and even more over time, making it much hotter than the outside temperature.

Children are especially vulnerable:

A child's body temperature rises much faster than an adult's, and they are less able to regulate their body temperature.

Animals are also at risk:

Similar to children, pets can quickly overheat and suffer heatstroke in a hot car.

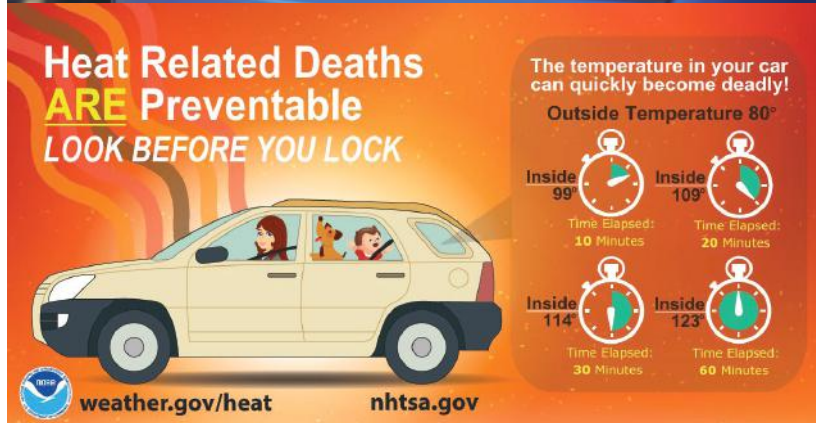


Even a short time can be deadly:

It only takes a few minutes for a car to reach a dangerous temperature, so it's never safe to leave a child or pet unattended, even for a short errand.

What to do:

- Never leave children or pets unattended in a vehicle: This is the most important rule.
- Check your car thoroughly before locking it: Make it a habit to look in the backseat every time you exit your vehicle.
- Use reminders: Place your phone, wallet, or other important items in the backseat with your child or pet.
- If you see a child or pet alone in a hot car, take action: Call 911 immediately.



Chronic Diseases & Summertime Health

Summer encourages outdoor activities like hiking and beach outings, offering benefits for physical and mental health. However, for those managing chronic conditions such as asthma, diabetes, or arthritis, warmer weather can also pose risks. Balancing seasonal fun with health management requires awareness and planning.



Benefits of Summer:

- **Better Mood:** Sunlight boosts serotonin, improving mood and helping ease symptoms of anxiety and depression.
- **Vitamin D & Immunity:** Sun exposure supports vitamin D production, which enhances immune function and reduces susceptibility to infections.
- **Heart Health:** Sunlight may aid circulation and lower blood pressure, supporting cardiovascular wellness.
- **More Activity:** Longer days encourage walking, swimming, and gardening—activities that support weight control, blood sugar regulation, and overall well-being.



Challenges and Risks:

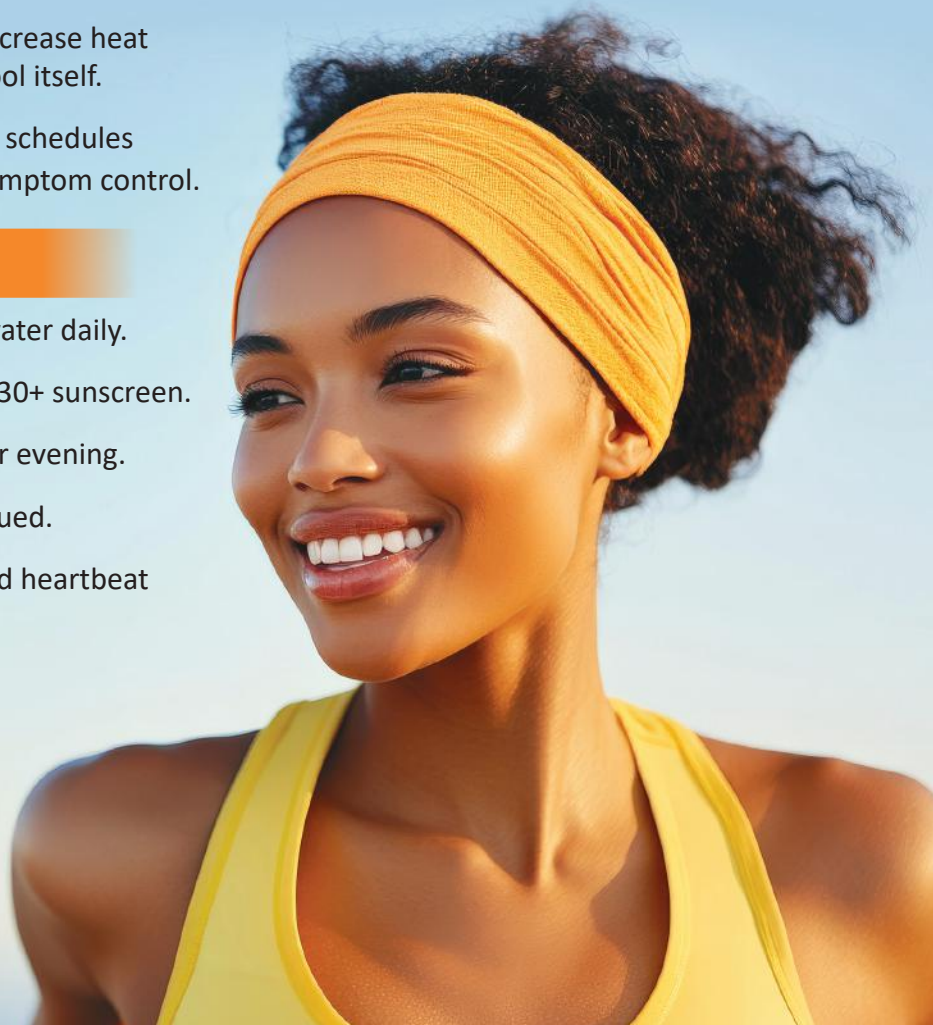
- **Heat Sensitivity:** High temperatures can worsen symptoms and increase the risk of heat-related illness, especially for those with heart disease, diabetes, or obesity.
- **Medication Effects:** Some medications increase heat sensitivity or impair the body's ability to cool itself.
- **Routine Disruptions:** Travel and irregular schedules may lead to missed medications or poor symptom control.



Tips for Staying Safe:

- Stay hydrated—aim for 8–10 glasses of water daily.
- Wear lightweight clothing and apply SPF 30+ sunscreen.
- Schedule outdoor time during morning or evening.
- Rest in the shade if you feel dizzy or fatigued.
- Seek medical help for symptoms like rapid heartbeat or confusion.

With thoughtful preparation, individuals with chronic conditions can enjoy the summer months while protecting their health.





WORLD HEPATITIS DAY

Every year on July 28th, the global community comes together to observe World Hepatitis Day, a day dedicated to raising awareness about hepatitis, a group of infectious diseases that affect millions worldwide. Hepatitis can lead to serious liver problems, including cirrhosis, liver cancer, and even death if left untreated. Yet, many people living with hepatitis don't know they have it, making awareness and testing crucial.

Why World Hepatitis Day Matters

Hepatitis B and C are among the most common types, transmitted through infected blood, unprotected sex, or from mother to child during birth. Despite their prevalence, these diseases are often called “silent killers” because symptoms can take years to appear. According to the World Health Organization (WHO), over 300 million people worldwide live with chronic hepatitis B or C, but only a fraction are diagnosed and treated.

The Power of Awareness and Prevention

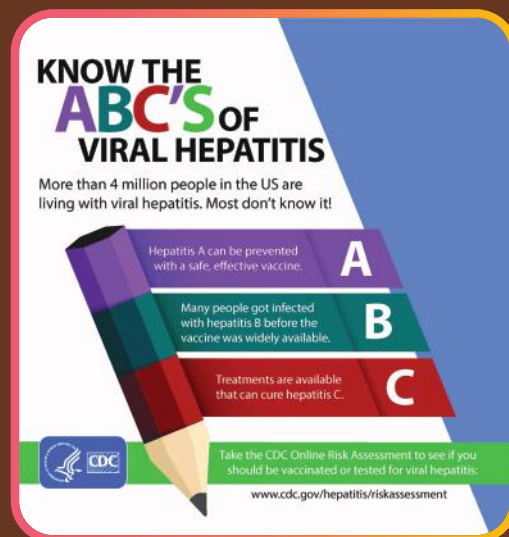
World Hepatitis Day promotes vital actions such as:

- **Increasing Testing and Diagnosis:** Encouraging people to get tested, especially those in high-risk groups.
- **Vaccination:** Hepatitis B is preventable through safe and effective vaccines.
- **Safe Practices:** Promoting safe injection and blood transfusion practices.
- **Treatment Access:** Advocating for affordable and accessible antiviral treatments.

What You Can Do:

- **Get Tested:** If you think you might be at risk, talk to your healthcare provider about hepatitis testing.
- **Get Vaccinated:** Ensure you and your family members are vaccinated against hepatitis B.
- **Spread the Word:** Share information about hepatitis on your social media and in your community.
- **Support Organizations:** Consider supporting groups working to eliminate hepatitis worldwide.

To schedule a Hepatitis C test, call our [Public Health Clinic](#) at (937) 225-4550.



MONTGOMERY COUNTY OVERDOSE AWARENESS DAY **AUGUST 12**

5 - 8 PM | LEVITT PAVILION

134 S. MAIN STREET, DAYTON OH 45402

The Community Overdose Action Team invites you to join us for Overdose Awareness Day on Tuesday, August 12, from 5:00 pm to 8:00 pm at the Levitt Pavilion in downtown Dayton.

The day is dedicated to raising awareness about the devastating impact of drug overdoses and honoring the lives lost to substance abuse. This day serves as a reminder of the tragic consequences of addiction and aims to educate the public, support individuals struggling with substance use, and advocate for effective prevention and treatment measures.

- Live DJ
- Harm reduction resources
- Prevention and recovery services
- Raffle baskets
- Free event bags and meal!



6-30-25



We are committed to hosting an accessible event. To request accommodations call (937)225-5700.



Men's Holistic Health & Family Expo

July 19, 2025 | 11 - 3 PM

**Westown Shopping Plaza
4303 W Third St, Dayton, OH 45417**

Join us for a day of family fun and positive community engagement, with an unapologetic focus on MEN'S holistic health!



- Free Food, Prizes, & Family Fun
- Men's Health Screenings & Resources
- Healthy Living Workshops & Demonstrations

Questions?

**Call Keisha Anderson
at (937) 409-9087**

**Community
Learning Practice
Labs, LLC**



Get Ready to Grill Safely

Separate

Chill

When shopping, pick up meat, poultry, and seafood last and separate them from other food in your shopping cart and grocery bags.



Keep meat, poultry, and seafood refrigerated until ready to grill. When transporting, keep **40°F** or below in an insulated cooler.



Wash your hands with soap before and after handling raw meat, poultry, and seafood. Wash work surfaces, utensils, and the grill before and after cooking.



Use a food thermometer to ensure meat is cooked hot enough to kill harmful germs. When smoking, keep temperature inside the smoker at **225°F to 300°F** to keep meat at a safe temperature while it cooks.

145°F	beef, pork, lamb, veal (then let rest 3 minutes before serving)
145°F	fish
160°F	hamburgers and other ground meat
165°F	poultry



Throw out marinades and sauces that have touched raw meat juices. Put cooked meat on a clean plate.



Divide leftovers into small portions and place in covered, shallow containers. Put in freezer or fridge within two hours of cooking (one hour if above **90°F** outside).





Helping every baby sleep safer

Do You Need a Safe Place For Your Baby to Sleep?

Families must meet the following requirements to participate in the Safe Sleep Program:

-  Families must meet WIC income eligibility requirements
-  Have no other safe sleep space such as crib, pack 'n play or bassinet or ability to obtain one
-  At least 32 weeks pregnant or a child under 1 year of age
-  Receive safe sleep education and complete required paperwork
-  One pack 'n play or cribette per child
-  Serving Montgomery & Greene Counties

In Ohio, three babies die each week in unsafe sleep environments. These deaths are preventable by keeping in mind a few safe sleep ABC's:

Babies are safest **Alone, on their **Back**, in an empty **Crib**.**

Alone **B**ack **C**rib

In collaboration with Ohio Department of Health and Cribs for Kids, Public Health - Dayton & Montgomery County is providing Infant Survival Kits to parents and caregivers in our community. The Infant Survival Kit includes a cribette, fitted sheet, and educational safe sleep material.



**Call us at (937) 496-6831
or visit phdmc.org**



**We Have
FREE Cribs!**



Public Health
Prevent. Promote. Protect.
Dayton & Montgomery County

Ohio

Department
of Health

Tips for Safe & Healthy Travel



Public Health
Prevent. Promote. Protect.
Dayton & Montgomery County

Maybe you're counting down the days until your next vacation. Whether traveling abroad or staying at home, you can boost your chances of having a healthy and happy trip if you plan and follow these tips before you leave home.

Before Your Trip

Check the Centers for Disease Control and Prevention's (CDC) destination webpage at wwwnc.cdc.gov/travel for travel health information to see what vaccines or medicines you may need, and what diseases or health risks are a concern at your destination.



Food and Water precautions

- Classic rule: boil it, cook it, peel it, or forget it
- No ice; do not brush teeth with tap water
- Avoid fresh fruits and vegetables
- Always wash your hands with soap and water before eating. If soap and water are not readily available, use an alcohol-based hand sanitizer that contains at least 60% alcohol



Insect bite prevention

- Wear loose-fitting clothing, long sleeved shirts and long pants
- Use an EPA registered insect repellent such as DEET, picaridin (KBR3023), IR3535
- Always apply sunscreen first, then apply bug spray
- Apply and re-apply insect repellent according to the label instructions
- Use a net over stroller/car seat
- Use mosquito net at night. Permethrin treated mosquito nets provide more protection than untreated nets
- Close windows and use air conditioning if available
- Empty any standing water
- Treat clothes and gear with permethrin 0.5%. Do not use permethrin products directly on skin
- Check for ticks. If you find a tick attached to your skin, remove it as soon as possible



After Travel

If you traveled and feel sick, particularly if you have a fever, talk to a healthcare provider, and tell them about your recent travel so that they can evaluate you for diseases which may not be common in our area.

Protect Your Child's Health with Vaccinations!

Vaccines for kids have been one of the most important advancements in public health, greatly reducing the amount of disease and saving many lives.



Why Vaccinate?

- ✓ **Boosts Immunity:** Vaccines strengthen the immune system by building immunity before exposure to diseases.
- ✓ **Safe Protection:** Vaccines are one of the safest ways to protect your child's health.
- ✓ **Prevents Disease Spread:** Vaccines help prevent the spread of contagious diseases in our community.



Which Vaccinations Does my Child Need for School?

Ohio children should be up to date on certain vaccines to enter kindergarten, 7th grade and 12th grade:

Kindergarteners: Must have complete immunizations for: DTaP (diphtheria, tetanus, pertussis), polio, hepatitis B, MMR (measles, mumps, rubella) varicella (chickenpox)

7th graders:

Must have A Tdap (tetanus, diphtheria, pertussis) booster and a meningitis ACWY vaccine

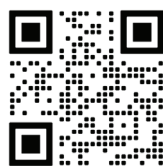
12th graders: Must have A Tdap (tetanus, diphtheria, pertussis) booster and a meningitis booster vaccine.

Call (937) 225-4550
For Information About
Financial Assistance
For Childhood
Vaccinations.



MORE INFO

SCAN
ME ►



www.vaccinesprotectkids.org



FAIRS, FESTIVALS & CARNIVALS

Health & Safety Tips



Dayton &
Montgomery
County

FOOD SAFETY

- Wash your hands often, with soap and warm water for at least 20 seconds.
- Always wash your hands after contaminating your hands such as after using the restroom, playing a game, going on a ride, changing diapers, or removing soiled clothes or shoes.
- Bring hand sanitizer or disposable wipes.
- Look for an appropriately displayed food service vendor's license.
- Do not consume food or drinks around animals, and always wash your hands after touching animals.
- Avoid eating food from vendors that handle money, and who do not wash their hands before preparing or serving food.
- Do not accept drinks or food from strangers.

RIDE SAFETY

- Follow all safety instructions from ride operators.
- If you see any unsafe behavior or condition on a ride, report it to a supervisor or manager immediately.
- Never force anyone, especially children, to ride attractions they don't want to ride.
- Always keep your hands, arms, legs, and feet inside the ride. Secure all loose articles, including wallets, change, sunglasses, cell phones, and hats.
- Remain seated until the ride comes to a complete stop and you are instructed to exit.

CHILDREN & PETS

- Keep young children supervised and within arm's reach. Use location tracking devices.
- Do not leave pets or children in vehicles.
- Check event rules regarding pets before arriving.
- Avoid all contact with any animals that appear unwell.
- If the event allows pets, keep them on a leash.

PERSONAL HEALTH & SAFETY

- Upon arrival, note emergency evacuation routes.
- Use sunscreen, and stay hydrated by drinking water.
- Use mosquito repellent, and be alert for ticks in wooded or grassy areas.
- If you consume alcohol, do so in moderation.
- Do not drive drunk or high, before or after the event.
- Have a plan for a sober driver, or use rideshare services.
- Do not accept rides from strangers.
- Do not use personal fireworks.
- Keep your mobile device's emergency contact information updated.
- Charge your phone before you go.
- Do not gamble more than you can afford to lose.

[illegible]

Help Us Make a Difference

Public Health - Dayton & Montgomery County, is dedicated to public service and committed to quality relationships with one another and the community we serve.

Current Job Openings

Accounting Services Supervisor
Disease Intervention Specialist I
Community Health Advocate I
Disease Prevention Specialist
Receiving & Distribution Technician I
Substance Use Mental Health Counselor
PH Communicable Disease Clinic Senior Manager
Senior Programmer/Systems Administrator
Director Administration
Accounting Specialist
Director Health Services



- Health, Dental, and Vision Insurance
- Vacation, Sick, and Personal Leave
- Paid Holidays
- Ohio Public Employees Retirement System
- Eligible for Deferred Compensation Program
- Tuition Assistance, and More!



Public Health - Dayton & Montgomery County is an equal opportunity employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity or expression, age, national origin, disability, military status, veteran status, genetic testing, or other unlawful bias.

EVENTS

July 2025 Events

Public Health's many programs and services host a variety of community-wide events throughout the year. To register for an event or learn more, call (937) 225-5700 or [click here](#).



CHRONIC DISEASE PREVENTION
How Nutrition Impacts Chronic Disease with Public Health – Dayton & Montgomery County

6:00 PM – 7:00 PM



RECOVERY SERVICES
Parenting Classes

11:00 AM – 12:00 PM
Elizabeth Place



MATERNAL AND CHILD HEALTH
Nourish Your Newborn Class

2:00 PM
Drew Health Center



MATERNAL AND CHILD HEALTH
Nourish Your Newborn Class

2:00 PM – 3:00 PM
Sunrise Center



RECOVERY SERVICES
Parenting Classes

11:00 AM – 12:00 PM
Elizabeth Place



MATERNAL AND CHILD HEALTH
Safe Sleep Ambassador Training – Virtual

1:00 PM – 3:00 PM
Virtual



MATERNAL AND CHILD HEALTH
Nourish Your Newborn Class

2:00 PM
Drew Health Center



ENVIRONMENTAL HEALTH
Person In Charge (PIC) Certification in Food Protection

1:00 PM – 4:00 PM
Reibold Building – Environme...



MATERNAL AND CHILD HEALTH
Nourish Your Newborn Class

2:00 PM
Sunrise Center



RECOVERY SERVICES
Parenting Classes

11:00 AM – 12:00 PM
Elizabeth Place



MATERNAL AND CHILD HEALTH
Pumping Class 101

4:00 PM
Sunrise Center



MATERNAL AND CHILD HEALTH
Men's Holistic Health & Family Expo

11:00 AM – 3:00 PM
4303 W Third St

EVENTS

July 2025 Events

Public Health's many programs and services host a variety of community-wide events throughout the year. To register for an event or learn more, call (937) 225-5700 or [click here](#).

JUL 24
THU

Strengthening Families
PARENTING CLASSES
7 WEEK SERIES

RECOVERY SERVICES
Parenting Classes

● 11:00 AM - 12:00 PM
● Elizabeth Place

JUL 26
SAT

CHRONIC DISEASE PREVENTION
How Nutrition Impacts Chronic Disease with Public Health – Dayton & Montgomery County

● 11:00 AM - 12:00 PM
● Dayton Metro Library – Wilmin...

REGISTER HERE

JUL 28
MON

CHRONIC DISEASE PREVENTION
How Nutrition Impacts Chronic Disease with Public Health – Dayton & Montgomery County

● 2:00 PM - 3:00 PM
● Dayton Metro Library – Miami ...

REGISTER HERE

JUL 28
MON

Monthly Fatherhood Club

MATERNAL AND CHILD HEALTH
Monthly Fatherhood Club

● 5:30 PM - 7:00 PM
● Goodwill Eastseals West Ca...

REGISTER HERE

JUL 29
TUE

CHRONIC DISEASE PREVENTION
Creating Healthy Communities

● 5:30 PM - 6:30 PM
● Dayton Metro Library – West ...

REGISTER HERE

JUL 31
THU

Strengthening Families
PARENTING CLASSES
7 WEEK SERIES

RECOVERY SERVICES
Parenting Classes

● 11:00 AM - 12:00 PM
● Elizabeth Place

JUL 31
THU

CHRONIC DISEASE PREVENTION
Creating Healthy Communities

● 5:30 PM
● Dayton Metro Library – North...

REGISTER HERE


happy independence day
— 4TH OF JULY —



MEDIA

Date	News Source	Topic
6/3/25	ABC 22	Air Quality
6/9/25	WHIO	Violence Prevention
6/10/25	DDN	Violence Prevention
6/20/25	ABC 22	Heat
6/20/25	WDTN	Heat
6/23/25	WDTN	Heat
6/24/25	WDTN	Violence Prevention
6/24/25	ABC 22	Violence Prevention
6/24/25	ABC 22	Public Health Funding
6/24/25	ABC 22	HIV Testing Day
6/27/25	WDTN	HIV Testing Day

Have a Great Summer!



Submitted by:

Jennifer Wentzel, MPH, *Health Commissioner* and **Becky Thomas**, MD, MPH, CHES, *Medical Director*

