

AGENDA

HUMAN SERVICES COMMITTEE

111 S. Michigan Ave., Room 200, Saginaw, MI 48602

Monday, January 12, 2026 – 4:00 p.m.

Members: Tracey Slodowski – Chair, Gerald Little – Vice-Chair, Lisa Coney, Michael Webster, Jack Tany

Others: Administrator, Finance Director, Civil Counsel, Board Staff, *Media*

I. Call to Order

II. Welcome

III. Correction/Approval of Minutes (***August 4, 2025 – Attached***)

IV. Public Comment (*Speakers limited to 3 minutes*)

V. Agenda

1. **Christina Harrington, SCHD Health Officer, re:**

- **1-20-1** Presenting the Saginaw County Health Department FY 2025 Annual Report

2. **William Stanuszek, SCMAC Director, re:**

- **1-20-2** Presenting the Saginaw County Mosquito Abatement Commission 2025 Annual Report

3. Any other matters to come before the committee

VI. Miscellaneous

VII. Adjournment

MINUTES

DRAFT

HUMAN SERVICES COMMITTEE

111 S. Michigan Ave., Room 200, Saginaw, MI 48602

Monday, August 4, 2025 – 4:00 p.m.

Present: Tracey Slodowski – Chair, Gerald Little – Vice-Chair, Lisa Coney, Michael Webster, Jack Tany
Others: Vanessa Guerra, Mary Catherine Hannah, Koren Thurston, Dave Gilbert, Jessica Sargent, Sandra Lindsey, Andrew Klackiewicz, Darcie Totten, Suzy Koeplinger, Renee Sharkey, and Catherine Hicks

- I. Call to Order ---**Chair Slodowski at 4:00 p.m.**
- II. Welcome
- III. Correction/Approval of Minutes (**June 2, 2025**) [*Note: No meeting in July*]
 - **Moved by Coney, seconded by Tany, to approve. Motion carried.**
- IV. Public Comment – **None**
- V. Agenda

1. **Sandra M. Lindsey, CEO, SCCMHA, re:**

- **8-19-1** Submitted a draft Resolution in Opposition to the Michigan Department of Health & Human Services (MDHHS) plans to competitively procure Michigan's Pre-Paid Inpatient Health Plan (*Resolution*)
- The Saginaw County Community Mental Health Authority Board passed a resolution on July 14, 2025, in opposition to the plan to initiate a competitive procurement process for the management of PIHP functions, if instated it may open the door to private, non-profit health plans or managed care organizations (MCOs) assuming control over behavioral health services. Commissioners discussed how allowing this could disrupt relationships between local mental health authorities, providers, and the communities they serve. These entities are not subject to the Open Meetings Act nor the Freedom of Information Act. Reduced quality of care, limited accessibility to preferred services, loss of local control, and lack of transparency were concerns addressed that are expected to affect citizens. Fees for services, which haven't happened since the 1990's, could have an impact on the services offered locally, and the quality of service. Since beneficial programs such as mental health training with law enforcement agencies, Sheriff's Department, and SVSU are not billable services, they may no longer exist if fee for service is implemented. Commissioner Webster suggested that if pre-paid Inpatient Health Plans are managed by a for-profit group, services will likely diminish and those managing the money will profit. Vice Chair Little advised that Michigan Association of Counties (MAC) has gone on record in opposition to the plan. Sandra Lindsey requested commissioners draft a resolution with the same language as her draft resolution and share it with MAC, Governor Whitmer, the Michigan Department of Health and Human Services (MDHHS) Director, Elizabeth Hertel, and Michigan Legislature.
- **Webster moved, seconded by Tany, to adopt the proposed resolution and forward to the full board for approval. Motion carried. (Res. 2025-12)**

2. **Jessica Sargent, Commission on Aging Director, re:**

- **8-19-2** Submitted its 2026 Application Summary for Federal/State Funding through Region VII Area Agency on Aging for discussion and approval (*Board Report*)

- Discussion was held about the Foster Grandparenting program having been cut. Chairman Tany asked if anyone has reached out to Saginaw County School District and Saginaw ISD to see if funding is available through the school. He acknowledged the Foster Grandparenting program as a win-win program that seniors, students, teachers and schools all benefit from. Director Sargent will inquire with them. She is hoping the grant funds will still come through, in which case, she will come back to committee to request to amend the budget. She shared that they can still have a presence in the school, but it might look different. They have the data, the network, dedicated volunteers, and a great track record in this program that will create opportunities. It takes just over \$1M in Federal dollars to run this program but they have volunteers who are willing to serve without charge. Commissioners recommended sharing testimonials and data to show how impactful the program is and suggested contacting the Community Foundation and business owners to offer them opportunities to sponsor them. Director Sargent will provide the amount of loss suffered from the lack of Federal support and the effect it has had. Commissioner Webster asked that the programs discontinued due to lack of funding be recorded so that, if money becomes available, the programs can be restored. He also requested a summary of changes between FY25 and FY26 in the budget resolution.
- ***Moved by Coney, seconded by Little, to approve. Motion carried. (Board Report)***

3. **INFORMATIONAL COMMUNICATIONS (To be Received & Filed in Committee)**

- **8-19-3 REGION VII AREA AGENCY ON AGING** sending notice that Requests for Proposal will be accepted on or before June 23, 2025 from applicants for funding for FY 2026
- **REGION VII AREA AGENCY ON AGING** submitting its proposed Annual Implementation Plan (AIP) for FY 2025
- **8-19-4 LEGAL SERVICES OF EASTERN MICHIGAN** sending notification of its Application Summary and Budget Submission FY2026 Region VII Area Agency on Aging Proposal
- Chair Slodowski asked in what ways Legal Services of Eastern Michigan is a benefit to Commission on Aging. Director Jessica Sargent explained that they are a provider of legal services in Saginaw County that can provide services, with the exception of services regarding criminal charges. They can, however, direct people to the right places for help. The office in Saginaw provides training for staff, will do home visits for homebound individuals, they do presentations for seniors, they create documents such as a Will and/or Power of Attorney for them and provide assistance in incidents of suspected elder abuse.
- **8-19-5 MYMICHIGAN HEALTH, FORMERLY ASCENSION ST. MARY'S HOSPITAL** sending notification of its application to Region VII Area Agency on Aging to fund its Angel Respite & Adult Day Services in FY 2026
- ***Moved by Tany, seconded by Webster, to receive and file items 8-19-3, 8-19-4 and 8-19-5. Motion carried. (Receive & File)***

4. Any other matters to come before the committee

VI. Miscellaneous – **Commissioners commented on the large monitors recently installed in the Board Room. The new system eliminates the connection issues experienced with the old monitors. All devices can now be connected via casting for training, presentations etc.**

VII. Adjournment – ***Tany moved, seconded by Little, to adjourn. Motion carried; time being 4:57 p.m.***

Respectfully Submitted,
Tracey Slodowski, Committee Chair
Vanessa Guerra, Committee Clerk

HUMAN
SERVICES

1-20-1

Recognizing Saginaw's
GROUNDBREAKING
Work in Transforming
Community Health

**ANNUAL
REPORT
FY 2024**



FROM THE HEALTH OFFICER



As I reflect on our work throughout the last fiscal year – September 2024-September 2025 – I can't help but share my optimism about the collective work Saginaw County has and is doing to become a healthier community.

In spite of federal stop work orders issued in early spring for several of our programs, the SCHD team has persevered and will continue to do so in the coming year as we face a loss of \$3 million in funding.

Just recently, several members of my staff and I attended the 2025 Michigan Premier Public Health Conference where we received the Michigan Department of Health & Human Services (MDHHS) Director's Award for our leadership in creating and sustaining BWell Saginaw.

In presenting the award, MDHHS noted that BWell Saginaw is more than a program – rather a “united movement” of 12 organizations in Saginaw determined to become one of Michigan's Top 25 healthiest communities. Led by SCHD as a neutral convener, the BWell Partner Coalition is creating a culture of health where everyone – regardless of background – can live, work, play and thrive.

From podcasts to public school programs, BWell Saginaw is meeting people where they are – online, at school and at home. And, at SCHD, we have aligned our work to this single, powerful strategy to better connect clinical care, education, grassroots efforts and public health. Through one voice and one vision, BWell Saginaw has proven that authentic partnership – not competition – is the future of public health.

So, join me in reflecting on exciting progress in 2024/2025 and optimistically looking forward to continued success as a community working together!

Christina Harrington, MPH
Health Officer

Photo: In May, Chris Harrington presented information about challenges to maternal/child health in Saginaw County to the Michigan House of Representatives Appropriations Subcommittee on Public Health.

FROM THE MEDICAL DIRECTOR



As we look ahead to the coming year, the health care environment is likely to be full of changes and challenges. Proposed reductions in Medicaid funding and a shifting national focus away from equity-based initiatives will challenge us to do more with less – and to think creatively about how we serve those who rely on us most.

While these developments may test our systems and resolve, they also reaffirm the importance of the health department's leadership, collaboration with our BWell partners and others, and innovation in serving our community. Our mission – to protect and improve the health of every resident – remains unchanged. In fact, it has never been more critical. And we are a very determined community!

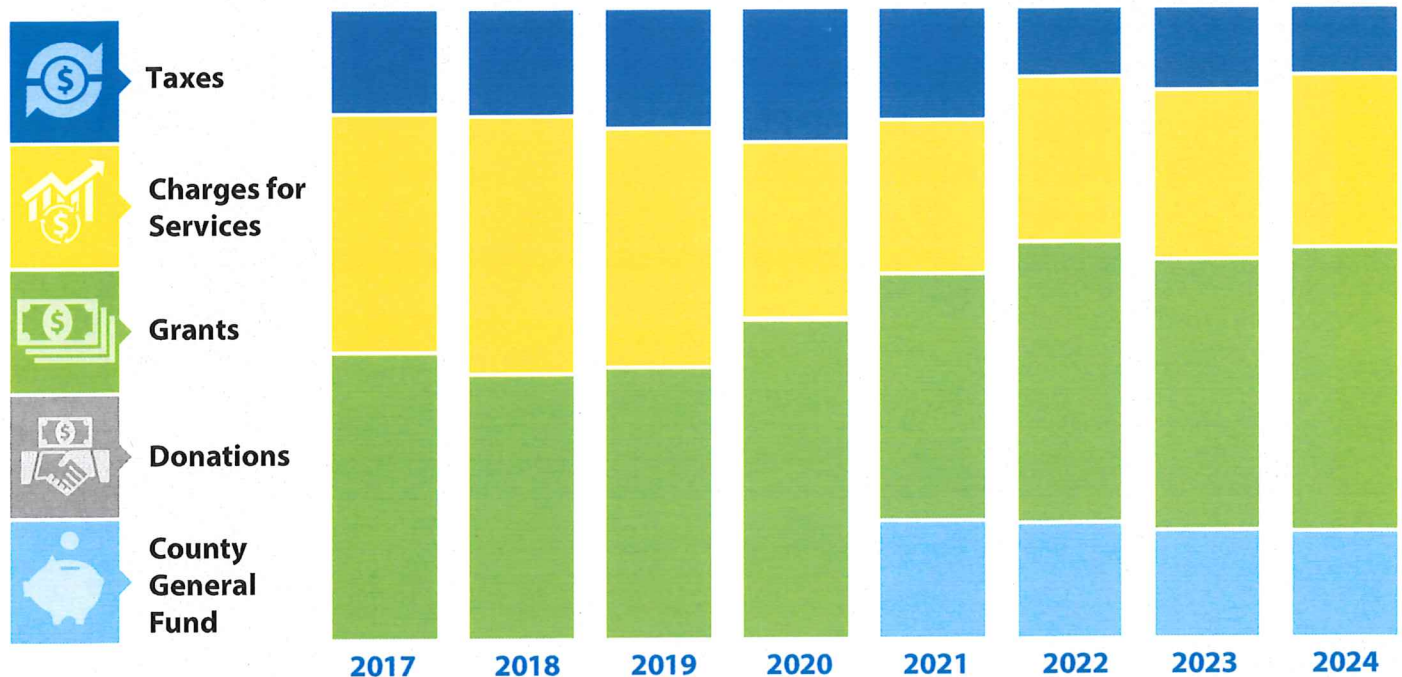
Together, we will continue to strengthen partnerships, advocate for our community, and seek solutions that promote access, quality, and fairness in care. I have every confidence that our shared commitment will guide us through these changes and toward a healthier, more resilient future.

Delicia Pruitt, MD MPH FAAFP DABFM
Medical Director

Photo: Dr. Pruitt is chair of the American Association of Family Physicians Subcommittee on Public Health Issues and represents Saginaw County on the national level in many beneficial ways.

FINANCIAL LANDSCAPE

Revenues by Category 2017-2024



Health Department Funds Help Fuel Our Community's Health

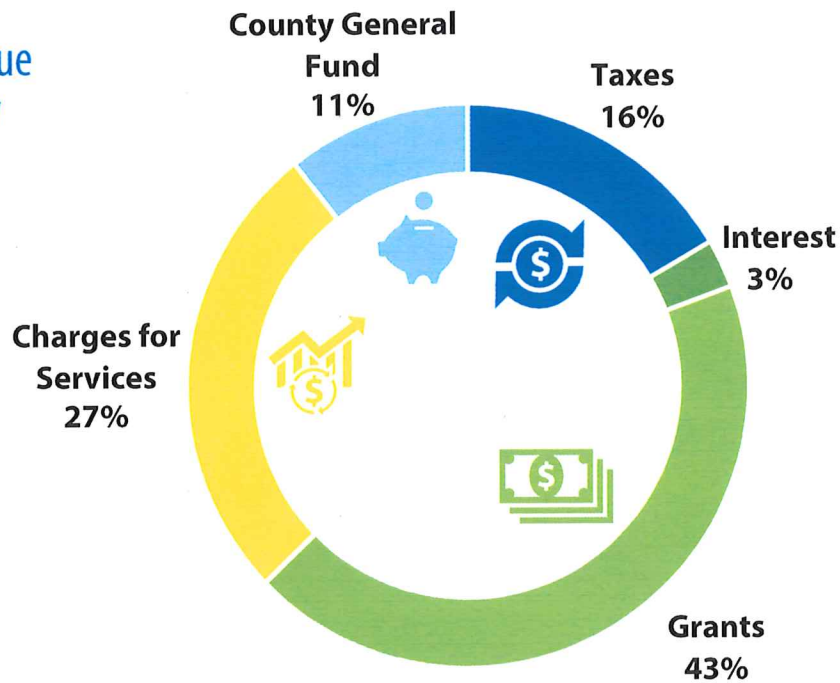
We have a great deal to be grateful for in FY 2024/2025, including:

- County-wide millage funds used as promised for staffing, mobile service delivery, outreach, and BWell activities...and managed wisely to help offset the over \$3 million shortfall in federal funding.
- County general fund support meeting state "maintenance of effort" guidelines and demonstrating our county's commitment to public health.
- Additional grant funds empowering us to innovate and realign our services to produce outputs that strategically impact health outcomes.
- Impactful results from mandated and other traditional services, funded by both grants and county general fund dollars.

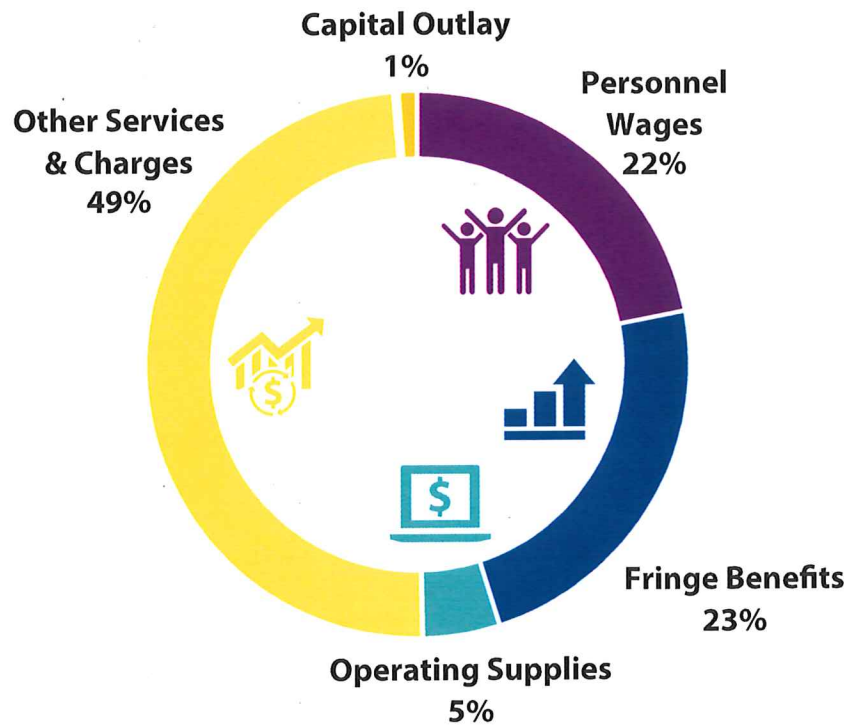
This report features examples of how our dollars are well invested in helping Saginaw become one of Michigan's Top 25 healthiest communities.

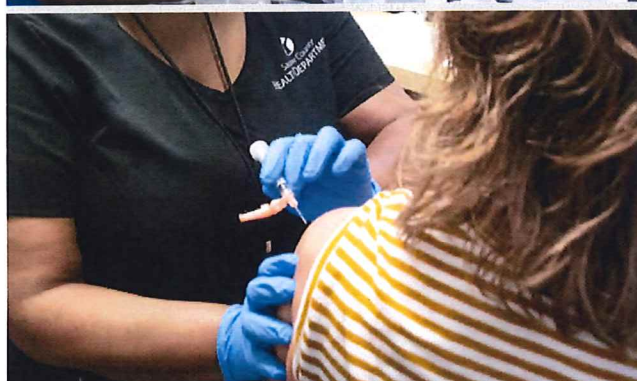
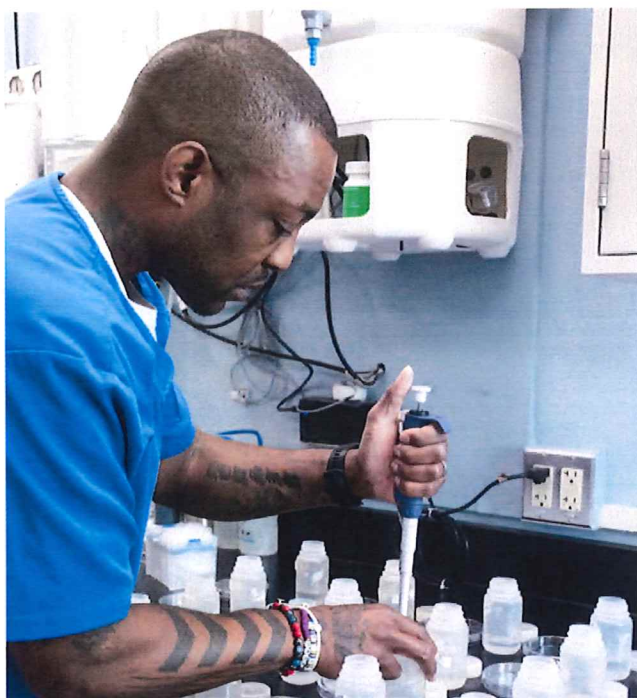
Financial Totals Showing Percentages

FY24 Revenue by Category



FY24 Expenditures by Category





MORE NUMBERS SHOW OUR IMPACT

Behind the scenes, health department staff protect the community's health and wellbeing through disease surveillance and prevention, family and parent support, and expertise to monitor and enforce safe food and clean water and air. We cannot be a healthy community without them!

243,793

pounds of household chemicals, electronics, hazardous substances, and medications diverted from local landfills, thanks to our Clean Sweep program, which preserves and protects our ground water and environment



8,715

school-age children
screened for hearing



9,992

school-age children
screened for vision

1,518

food service inspections

25,826

tests performed
in our laboratory,
including 12,170 water samples
and 10,853 drug tests



406

TB tests

104

well permits

370

radon kits distributed
to protect families by
measuring this radioactive
gas and to check for
potential health risks

1,825

visits for STI testing and
treatment, including HIV



3,015

vaccinations given to prevent the spread of disease. Saginaw's immunizations rates continue to be above state averages, signaling our community's commitment to prevention. We want to maintain and grow this trend. Childhood immunizations are essential for preventing serious diseases, reducing child mortality, and ensuring long-term health. They contribute to herd immunity, control outbreaks, and protect vulnerable populations.

324

temporary food licenses

194

sewage permits



2,637

average number of families enrolled in WIC on a monthly basis to receive free, healthy foods, nutrition education, breastfeeding support, and referrals to other health and social services. WIC improves the health outcomes of pregnant and postpartum women, infants, and children up to age five, leading to healthier births, better infant diets, and improved cognitive development in children.

839

families supported with Children's Special Health Care, a supplemental insurance and case management program implemented by SCHD for children with chronic health conditions



1,000

Nurse Family Partnership visits for first-time pregnant women to improve outcomes, child health and development



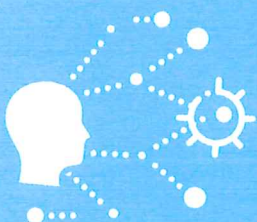
738

visits to Room 202, where SCHD and Peer 360 provide lifesaving peer support and resources including clean syringes, injection supplies, smoking and snorting supplies, wound care supplies, and hygiene kits along with NARCAN and fentanyl test strips. According to the Michigan Department of Health & Human Services, substance users who engage in harm reduction services are 5x more likely to enter a drug treatment program thanks to "helpers" like the health department.

154



complaint investigations for pools, restaurants, body art salons, housing, mold, food borne illnesses, and septic systems



10,665

communicable disease reports from data provided by health care providers, hospitals, and schools for residents of Saginaw County. We utilize the Michigan Disease Surveillance System (MDSS) to accept case reports, follow-up on treatment of cases, and report disease data to the Michigan Department of Community Health (MDCH) and the Centers for Disease Control and Prevention (CDC). Communicable diseases are categorized as food-borne, vector-borne, influenza and flu-like diseases, meningitis, rabies, sexually transmitted diseases, tuberculosis, viral hepatitis, vaccine-preventable diseases, and "other" including strep throat, head lice, and gastrointestinal diseases. Five years of data trends are available at www.saginawpublichealth.org/resources/reportable-disease-trends/.



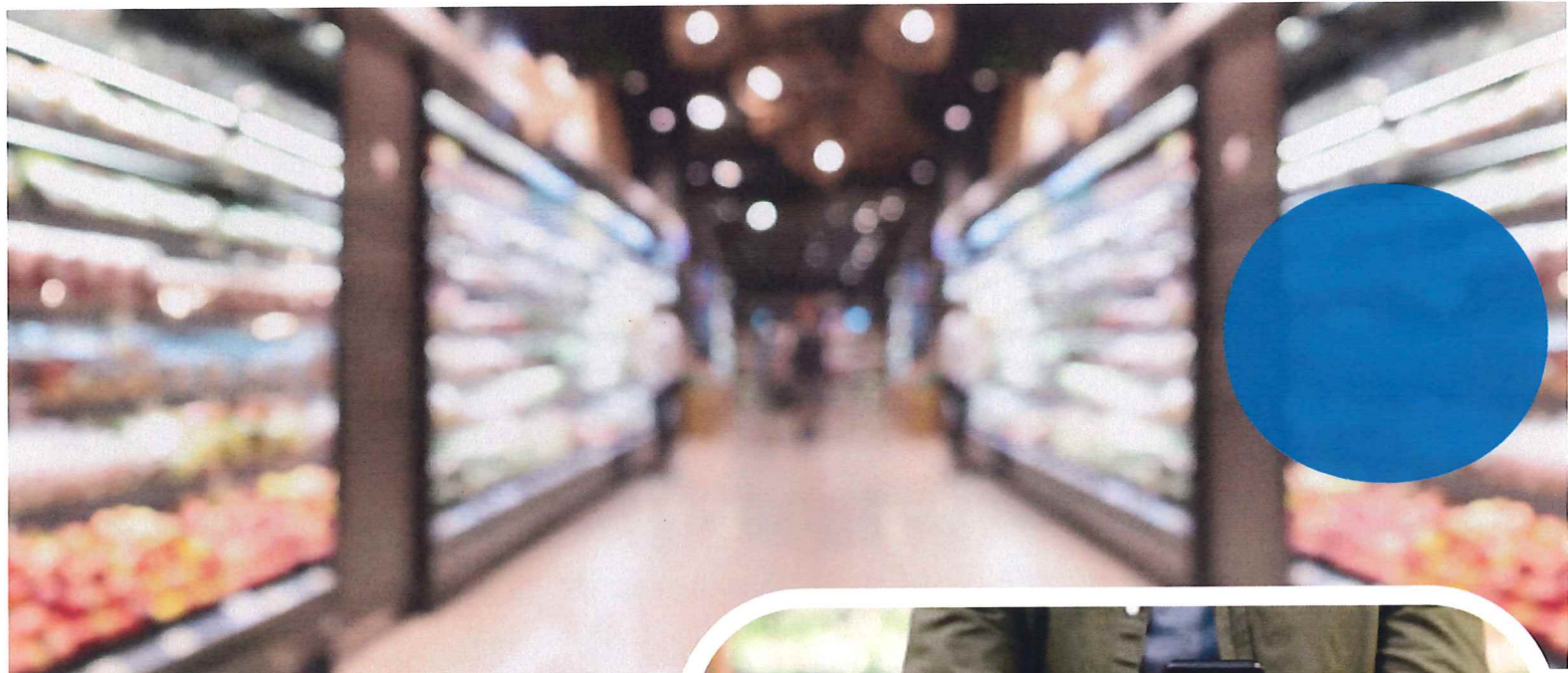
BUILDING AND STRENGTHENING PARTNERSHIPS FOR A ROBUST PUBLIC HEALTH SYSTEM FOCUSED ON EFFICIENCY AND EFFECTIVENESS

Saginaw's New Electronic Superhighway Promises More Efficient – Yet Warmer – Service Referrals

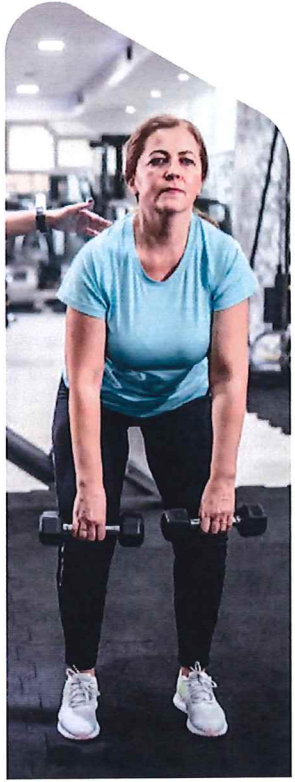
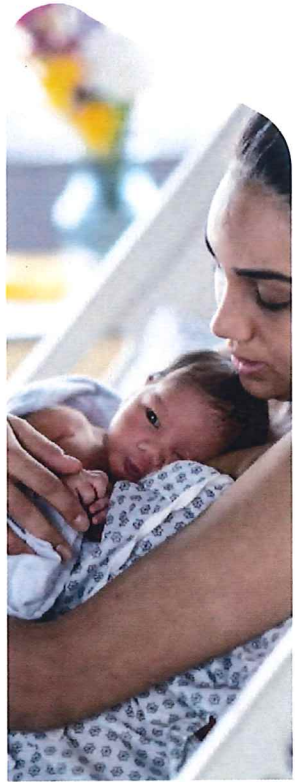
What if our community's "helpers" could spend less time searching and more time serving people? Soon, they will be able to do just that, thanks to the Saginaw Information System (SIS). SIS is a new electronic platform being built by SCHD, Covenant, MyMichigan, Great Lakes Bay Health Centers, CMU Health, Saginaw County Community Mental Health Authority, Saginaw County Commission on Aging, PartnerShift Network, Saginaw County Community Action Center, United Way of Saginaw County and 211. It is designed to help community health workers, hospitals, doctor's offices, social service providers, case managers, and organizations connect residents to the right services – faster and more efficiently than ever before.

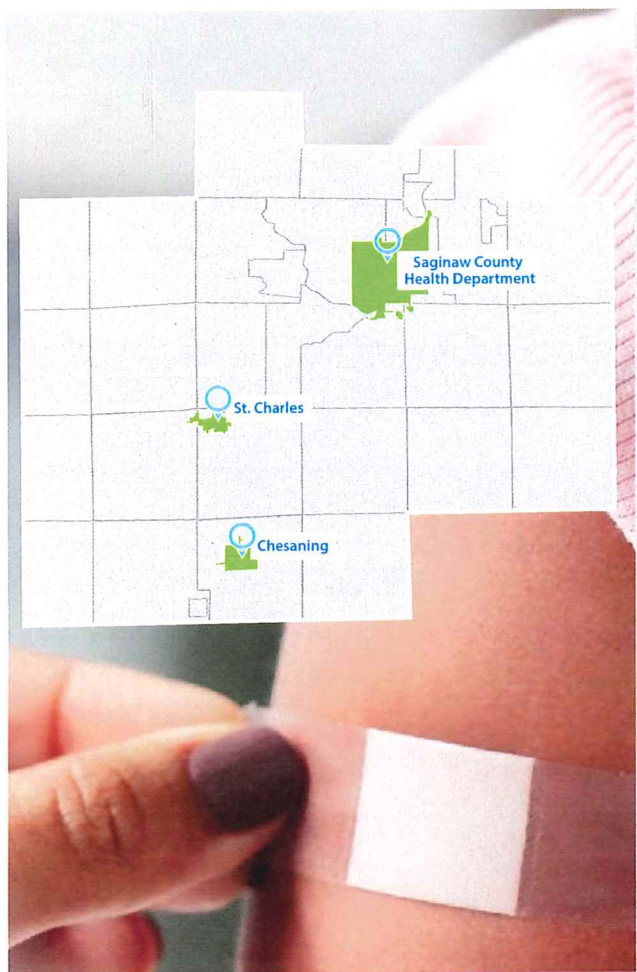
Fully integrated with 211, SIS provides a single point of entry for better incoming and outgoing referrals – without redundancies, duplication of effort or unnecessary obstacles – while providing a 360 feedback loop back to the referring organization.

It provides one-stop shopping to match individuals to services they need with real-time access to what is available and what they qualify for. It tracks referrals so no one falls through the cracks. And, it uses data and shared insights to improve outcomes and strengthen community partnerships.



SIS Saginaw
Information
System





SCHD Partners with Pharmacies to Deliver Free Immunizations

Our Vaccines for Children (VFC) program is what allows SCHD to provide free childhood immunizations to children meeting certain eligibility criteria.

Through an innovative partnership with pharmacies in Chesaning and St. Charles, residents of these out-county communities will soon be able to get childhood immunizations closer to home. Administering VFC vaccines along with regular pharmacy services is a complex process with rigorous inventory and reporting requirements. Broad Street Pharmacy and St. Charles Pharmacy are the first in the county to enroll in the VFC program partnering with SCHD and expanding access for families who may face transportation, scheduling, or provider-availability barriers.

By working together with SCHD, these local pharmacies will offer greater appointment flexibility and convenience. Our collaboration strengthens health equity, countywide public health capacity, supports continuity of care for pediatric patients, and helps increase overall childhood immunizations rates, which are higher than the state's average in Saginaw County.

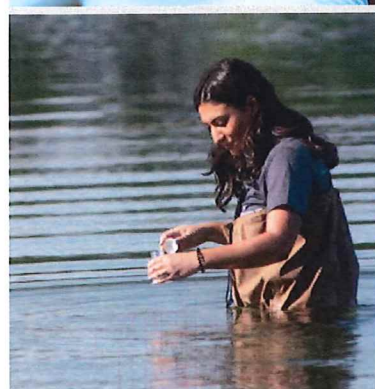


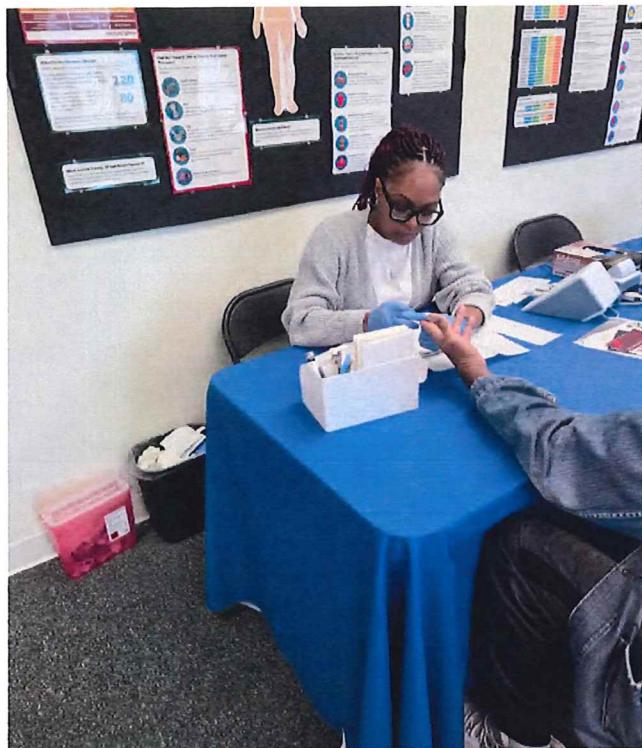
SCHD Public Health Lab Expands

In 2024, SCHD expanded services in our public health laboratory to better serve the needs of the community:

- **FREE respiratory testing** – individuals with symptoms such as a cough, sneezing, chest congestion, chills, headache, or body aches now provide one specimen to test for all three respiratory illnesses – COVID, flu and RSV. Results are available in 24 hours. Knowing the diagnosis allows symptom sufferers to connect with the right treatments to minimize the severity of the illness and get back to work or school more quickly.
- **ENHANCED drug screening services** – including 12-panel drug screenings with two integrity factors (meeting state requirements for driver's license reinstatement) and urinalysis for fentanyl testing. At SCHD, we offer direct observation during sample collection to enhance sample integrity. Results are available in 3 business days.
- **IMPROVED well water testing** – increased from 5 to 7 analytes, with rapid results in 24-48 hours, and open to customers in all Michigan counties.
- **MOSQUITO SURVEILLANCE** – partnering with Saginaw County Mosquito Control to implement proactive mosquito surveillance activities to minimize mosquito populations countywide and reduce the spread of mosquito-borne illnesses.

The health department lab also provides paternity testing, legionella testing, blood lead testing, STI and pregnancy testing, along with disease prevention and surveillance. The lab is accredited, certified, affordable, accessible, and regional, providing highly trained staff and leading-edge science equipment.





Taking Glucose and Cholesterol Testing out into the Community

For the first time ever, SCHD is regularly providing glucose and cholesterol testing out in the community where people need it most – beyond health fairs – to Saginaw County Commission on Aging feeding sites, churches, businesses, shelters, schools and pharmacies.

Our goal is making preventive health care significantly more accessible and identifying at-risk individuals earlier. We are meeting people where they already gather, reducing transportation barriers, and increasing participation – especially among seniors, working adults, and families. In doing so, we:

- Build trust by partnering with familiar community institutions
- Create natural opportunities for education, referrals, and follow-up care
- Strengthen the health department's visibility and outreach
- Reinforce our role in chronic disease prevention
- Contribute to better long-term health outcomes across the community



SCHD Leads Materials Management Planning in Saginaw Co.

Our environmental health staff work incredibly hard to keep Saginaw County clean and healthy. Because of our expertise and dedication, we took on leadership of Saginaw's materials management planning – an enormous and complex undertaking requiring work with many partners. Under the leadership of SCHD, the county is developing a new roadmap for responsibly handling the things we throw out. The materials management oversight committee and plan will help ensure trash, recycling, and hazardous materials are handled safely, cost-effectively, and in ways that protect public health and the environment. In doing so, SCHD is helping Saginaw County meet state requirements, extend the life of landfills, and prepare for future waste challenges.

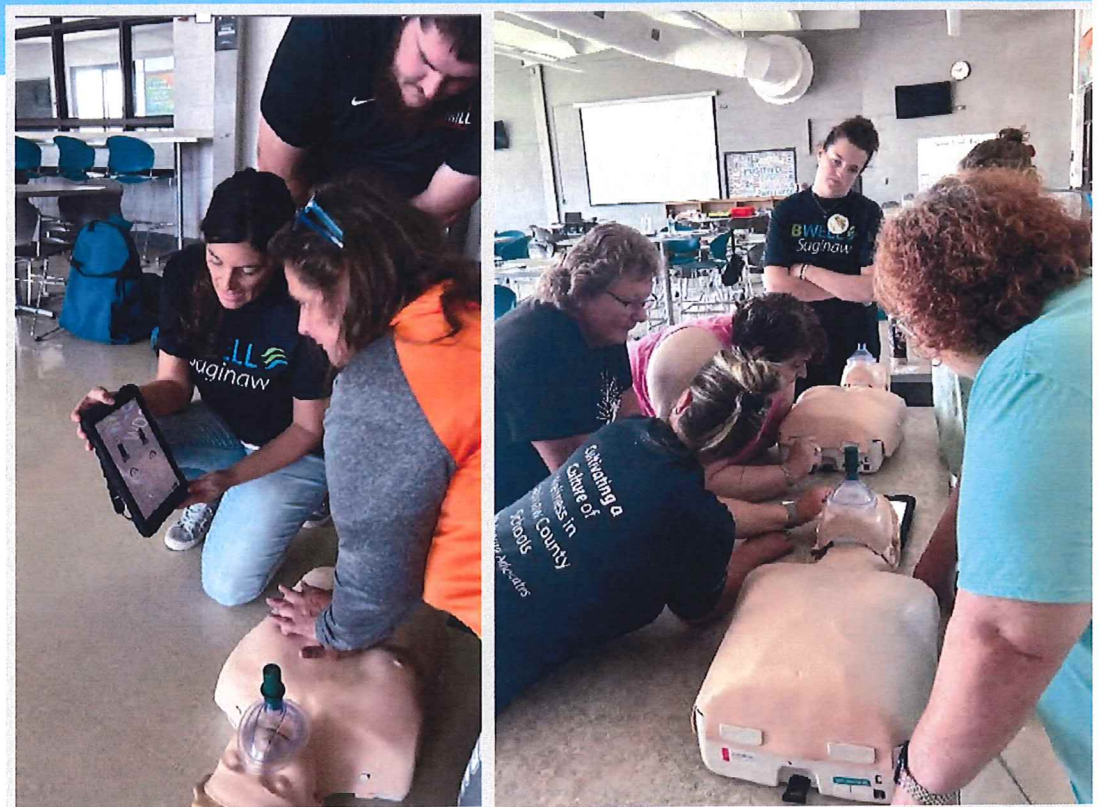
SCHD Helps Schools Earn MI HEARTSafe School Recognition

We put our kids' lives in the hands of their school every day. It should be reassuring to know that Saginaw's school communities are willing to go through a process to know how to recognize the signs of a sudden cardiac arrest and respond quickly by calling 911, using CPR and an automated external defibrillator until emergency services arrive.

Thanks to a partnership between SCHD's health resource advocates, Central Michigan University's Pulse3 Endowment for Community Cardiovascular Health and BWell Saginaw, every high school building in Saginaw County is receiving the education and resources needed to qualify for MI HEARTSafe School recognition.

The Michigan Department of Health & Human Services MI HEARTSafe award recognizes a school or school district's efforts to prevent sudden cardiac death of the young by preparing for cardiac emergencies. In early FY2024, more than 110 staff from eight Saginaw County school districts were CPR trained – one step in a series of award requirements that also includes creating a cardiac emergency response team, completing a cardiac emergency response plan, and running cardiac emergency response drills.

Already, many Saginaw Township Community Schools are HEARTSafe certified. The remaining districts are in various stages of completion, with all area high schools likely to apply for the designation soon.



SCHD Builds Capacity with Community Health Worker (CHW) Network

From handwashing education to 300 elementary students...to health screenings at Morrow Center and wellness discussions at Emmaus House, community health workers (CHWs) are making an impact in Saginaw. Together with Partnership, SCHD is building a connected, capable CHW workforce to deliver education, screenings and resource navigation with reach extending across neighborhoods, schools, and community organizations. This strong and coordinated CHW presence directly strengthens many of our initiatives including the Saginaw Information System (see page 8).

While Partnership leads countywide coordination, SCHD amplifies this work by promoting monthly CHW meetings and encouraging broad engagement across local partners.

Within the health department, we maintain a highly trained and well supported CHW team through ongoing professional development and continuing education. In our CORE Office (Room 312), CHWs connect individuals in real time to essential services, provide on-site blood pressure, glucose, and cholesterol screenings, and extend these services into the community through outreach events that advance early detection, prevention, and wellbeing.

SCHD CHWs are also embedded throughout the community, partnering with the Community Action Center on door-to-door lead exposure and safe sleep best practices education, collaborating with schools, nonprofits, health systems, and civic partners. CHWs also contributed to the Men's Know Your Numbers initiatives (see page 20) by conducting dozens of blood pressure checks, glucose and cholesterol tests, and body composition scans. In the Carrollton School District, they provided CPR Hands-Only and Stop the Bleed training, vaping and substance-use prevention education, AED inspections, helmet fittings supported by Covenant Health, and safety programming reaching hundreds of students.



BUILDING AND EXPANDING BWell SAGINAW TO COLLECTIVELY IMPROVE HEALTH OUTCOMES



BWell *Saginaw*

BWell Saginaw Creates a Countywide Culture of Health

BWell Saginaw is a united movement of 12 organizations doing work to connect clinical care, public health, education and grassroots efforts into a single, powerful strategy – to make Saginaw one of Michigan's Top 25 healthiest communities. The top three health priorities include obesity & related chronic disease, mental health & substance use, and maternal & child health.

Lead by SCHD and largely funded by county millage dollars along with financial support from BWell Saginaw Coalition partners (see page 18), BWell is not only winning awards...it is drawing statewide attention as a model for the future of public health because of the breadth of collaboration across sectors and communities.

Here are several highlights from FY2024/25 demonstrating how BWell Saginaw is creating a culture of health and meeting people wherever they are in Saginaw – home, work or school.



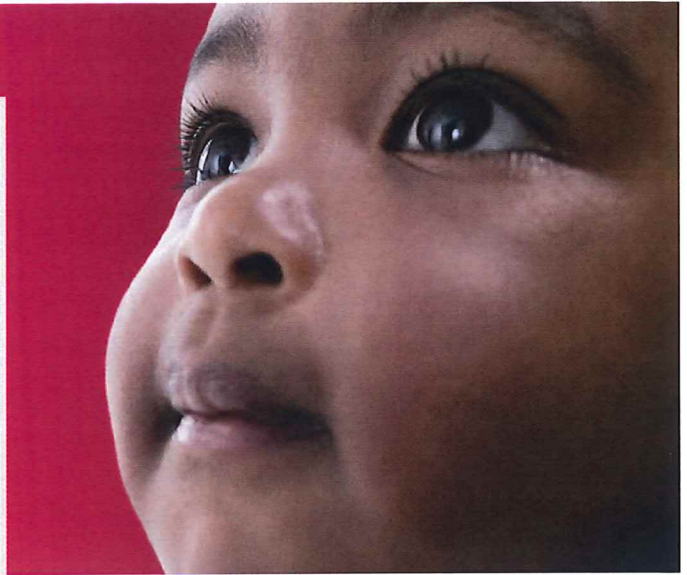
- Each month, there are 4 million reminders to place babies alone on their back, in a crib, thanks to a collaborative safe sleep campaign created by CMU Health that SCHD supported along with other BWell partners. Since its inception, Saginaw County has seen just one unsafe sleep related infant death compared to 9 the previous year.



- More than 700 walkers and runners registered for the BWell Strides Toward Wellness race series – more than triple the number when the race began 3 years ago – which included BWell + WorkWell teams from area employers who are Saginaw County Chamber members.

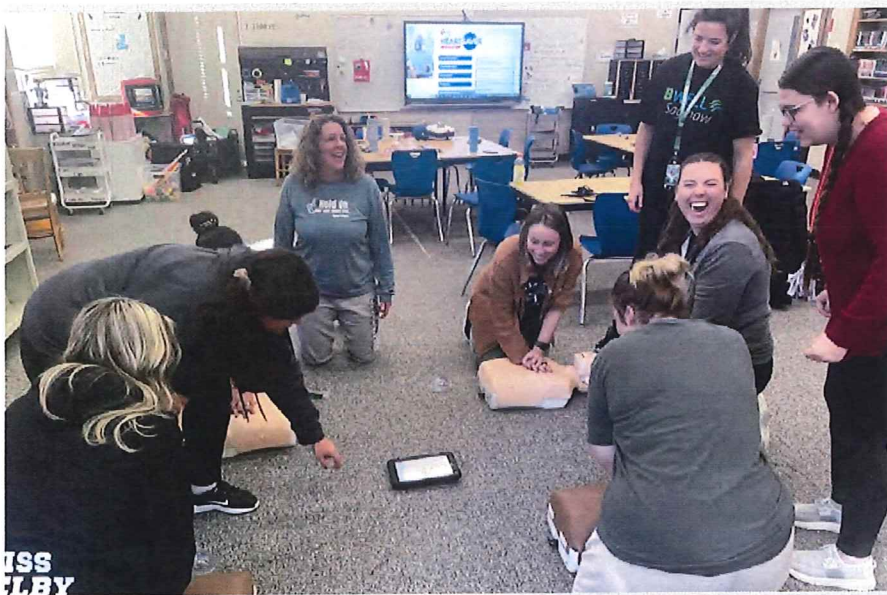


- Healthier Me, a new podcast featuring inspiring Saginaw County residents who share their health stories, launched on Spotify, Apple and Amazon Podcasts with over 100 faithful listeners, 66,000 views on Facebook, 20,500 views on TikTok, 6,700 views on Instagram, and 1,100 views on YouTube. Hosted by Alexandria Rene, marketing specialist for CMU Medical Education Partners, the most downloaded episodes feature Rwaيدا Bates, local fitness center owner, Arshen Baldwin, educator and mom, Jessica Larsen, PCOS sufferer, and Lionel Baldwin, college student.

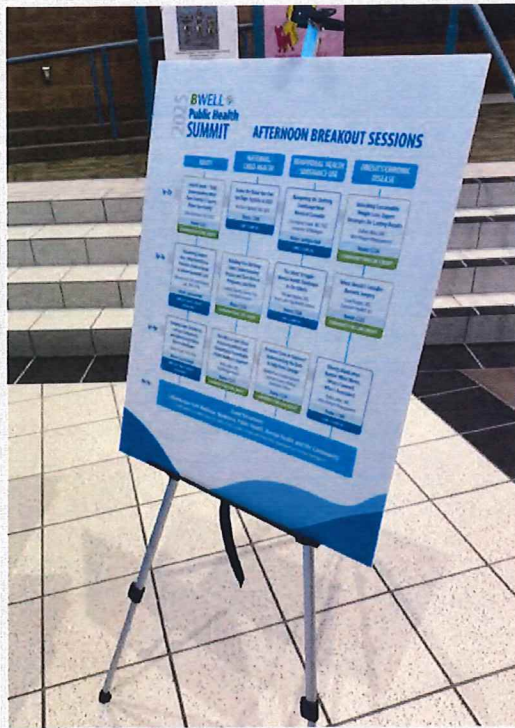


- 800+ pregnant women in the City of Saginaw, Bridgeport and Buena Vista will soon benefit from RxKids – no-strings-attached cash payments to help defray the costs associated with having and raising healthy, young children – and to help stop poverty at a point where families are experiencing more expenses with less time at work. RxKids is happening in Saginaw County thanks, in part, to private funding from health champions like Tri Star Trust Bank and Covenant HealthCare.

- Our first-ever overdose fatality review team has formed with BWell Partner organizations and subject matter experts to collectively gather data and study local substance use issues, ensure resource accessibility, and to lead Saginaw County's opioid settlement fund distribution. \$26 million opioid settlement dollars are available to local organizations over a period of several years to prevent and address the adverse impacts of drug overdoses.



- The lives of 1 staff member and 1 student were saved through a BWell Saginaw sponsored and SCHD supported HeartSAFE school program designed to train staff and prepare schools to respond to sudden cardiac death (see page 12).



- 200 healthcare providers and members of the general public attended the BWell Saginaw Summit, an annual event to participate in implicit bias training and learn from local, state and national health leaders about solutions for our county's top three health priorities: obesity & related chronic disease, maternal & child health, and mental health & substance use.



- Mental health IS health. That's the message of an anti-stigma video campaign spearheaded by BWell partner and close SCHED collaborator Saginaw County Community Mental Health Authority (SCCMHA). One of the biggest obstacles with promoting mental health services collaboratively – and directing viewers somewhere for help – is a single text, email or phone number. These videos direct viewers to SCCMHA where they can talk to our county's mental health experts for services or referral to other resources.



BWell Breaking Mental Health Stigmas :
- Friendship and Mental Health



BWell - Breaking Mental Health Stigmas :
- Finding Balance



BWell Breaking Mental Health Stigmas :
- Suicide Prevention

- Increasing access to professional mental health care begins with identifying where care is available! One of BWell Saginaw's 12 workgroups is developing an accurate and up-to-date behavioral health provider directory – a living document soon to be available at bellsaginaw.org and maintained by designated BWell partner staff.

The group will be sharing cards with QR codes linking to the directory with emergency departments, schools, physician offices, food pantries, churches, and other community-based organizations.

BWELL Saginaw Maternal & Child Health • Mental Health & Substance Use • Obesity & Chronic Disease

Mental Health Directory

Mental Health is Health—And You Deserve Support

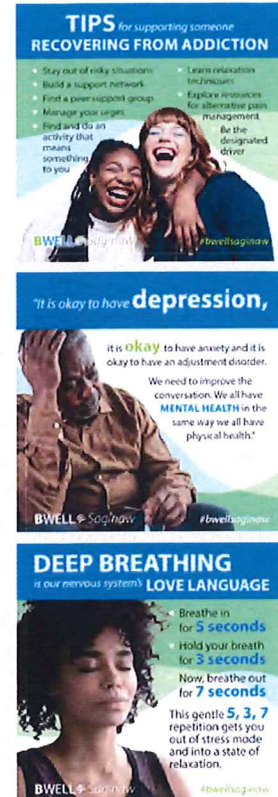
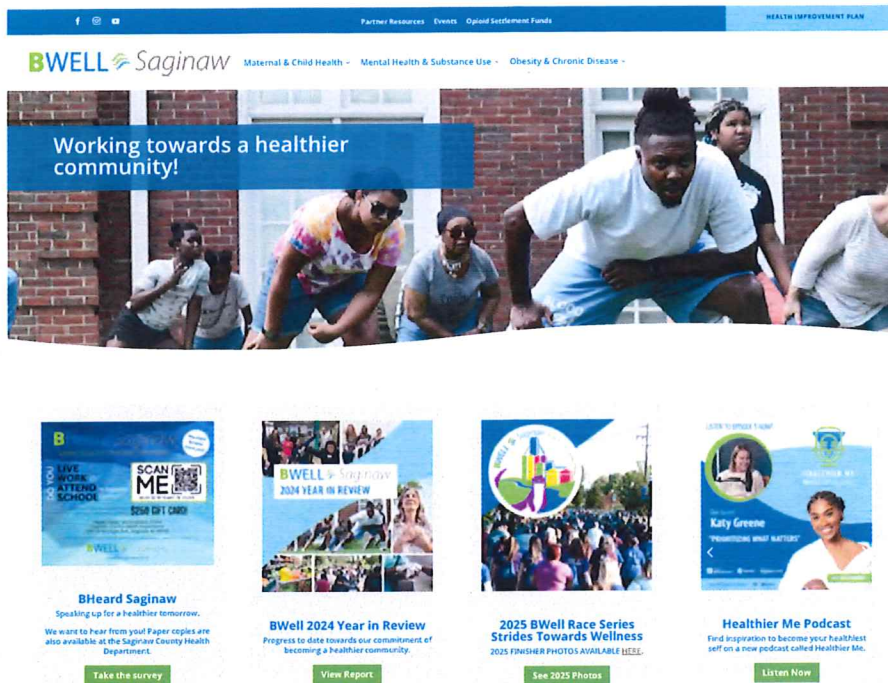
Finding services and support can feel overwhelming. BWell Saginaw is helping you find the support you need through a directory. While there's no "one-size-fits-all" solution, we hope this directory will help you find the support you need.

The BWell Saginaw Mental Health Provider Directory is here to make it easier for you to find the support you need. It's a living document that will be updated regularly. We hope you find the support you need.

COUNTY	FACILITY	SERVICES PROVIDED	HEALTHCARE PROVIDER	WEBSITE	PHONE
Saginaw	Saginaw County Community Mental Health Authority	Developmental Services, Therapy, Crisis, Outpatient Services, Intensive Outpatient Services, Inpatient Services, Specialized Services	Mental Health Services		517-797-3000

BWell Saginaw Coalition Partners





Resources Available at BWellSaginaw.org

[BHeard Community Health Assessment Questionnaire](#)
[Community Health Improvement Plan](#)

[Partner Resources:](#)

- [Safe Sleep Campaign](#)
- [Soon, Someday, Primary Care Campaign](#)
- [Start a Conversation with Your Doctor Campaign](#)
- [Mental Healthopedia Promotional Tools](#)
- [Library of Mental Health Anti-Stigma Social Posts](#)

[CORE \(Room 312\) Walk-In Services](#)

[Provider Toolkits/Obesity Summit:](#)

- Prescription pad
- Exercise information sheets
- Nutrition information sheets
- List of local fitness facilities
- "How to Measure Waist Circumference" videos
- Nutrition video library

[Saginaw County's Health Report Card](#)

[Data-at-a-Glance Sheets for Top 3 Health Priorities](#)

[Parenting Street Smarts Video Library](#)

[Mental Health Anti-Stigma Video Library](#)

[Men's Health Symposium Toolkits](#)

[Opioid Settlement Fund information and application](#)

[BWell Saginaw Brand Assets – logo, style guide](#)

[Events calendar](#)

[Health Advisory Council Focus Group](#)

[Report, Meeting Minutes and Schedule](#)

[Mental Health Resources:](#)

- [Youth Mental Healthopedia](#)
- [Smart phone apps](#)
- [Articles](#)
- [Crisis information](#)
- [Self-care/anti-stigma social media post library](#)

PRIORITIZING HEALTH EQUITY SO THAT EVERYONE – REGARDLESS OF BACKGROUND – CAN LIVE, WORK, PLAY AND THRIVE

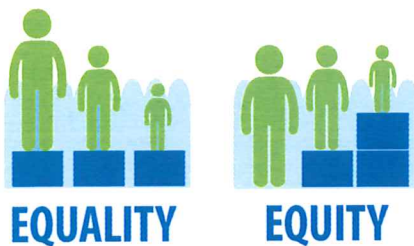
Saginaw's Health Advisory Council Advocates for Health for ALL

The Health Advisory Council (HAC) placed emphasis on cardiovascular health in FY 24/25, including support for the Men's Health 1st symposium, certified men's health educator course, Pancakes & Prostates event, and Saginaw's Kappa Alpha Psi Fraternity 15th All Men's Health Fair. With a goal of aligning programming with public health best practices, clinical engagement standards, and culturally responsive community outreach, Men's Health 1st and the HAC strengthened partnerships with healthcare providers, fraternities, churches and public health networks.

The resulting initiatives linked more than 400 participants with 13+ health screenings and important discussions about heart health, mental health, and preventive care – thanks to more than 10 organizational partners.

To keep these conversations and behavioral changes going, Men's Health 1st and the HAC equipped community members with tools to effectively educate and communicate with men and boys about their health. In doing so, 25 men and women completed the Certified Men's Health Educator course and are now continuing the work in schools, churches and health centers to encourage Saginaw men to make health a priority, to understand their health risks, and to talk to their doctors about health goals.

The HAC also spearheaded Implicit bias training through Saginaw Valley State University. Implicit bias training helps healthcare professionals recognize and reduce the unconscious attitudes or stereotypes that can influence how they interact, communicate and make decisions with patients and clients.



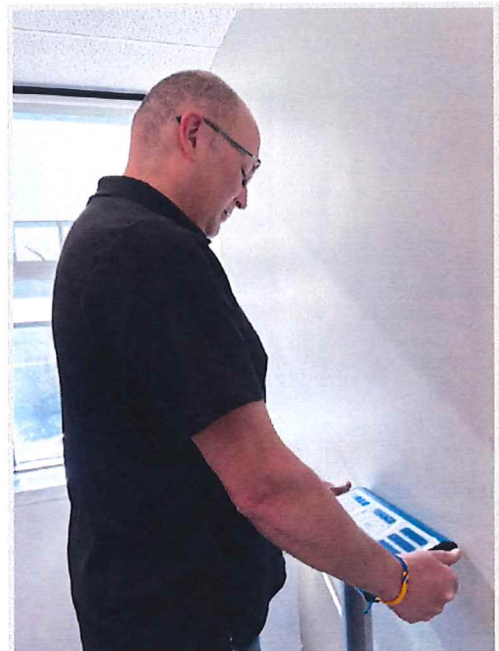
LISTENING AND RESPONDING TO WHAT OUR COMMUNITY NEEDS

Walk-In Community Outreach & Resource Exchange Room (CORE) Makes it Easier for Saginaw to Stay Healthy and Safe

Our Community Outreach & Resource Exchange (CORE) office on the health department's third floor is a new place where residents can walk in without an appointment or a referral to connect with caring staff for preventive health screenings, resource navigation & connection, and access to free or low-cost health and safety supplies.

Our goal is to catch emerging health issues early, guide people toward appropriate care, and help residents overcome everyday barriers. In the process, we believe we can stabilize their health and well-being and also reduce household risks. Overall, the space functions as a one-stop hub that builds trust, reduces inequities, and makes it easier for people to stay healthy and safe.

- Preventive health screenings
 - Blood pressure checks
 - Body composition scans
 - Glucose & cholesterol testing
- Resource navigation and connection
 - Locating food pantries and distributions
 - Connecting to resources for baby supplies
 - Scheduling healthcare appointments
 - Completing forms and phone calls
 - Applying for SNAP benefits
 - Linking to care management or disability attorneys
- Access to free or low-cost health and safety supplies
 - Smoke alarm coupons
 - COVID-19 at-home test kits
 - Radon test kit coupons
 - Gun locks
 - Lock boxes for marijuana







SCHD Collaborates with Covenant to Expand & Enhance Medical Diamond

To further complement the transformational Medical Diamond project in Saginaw, Covenant HealthCare and SCHD are exploring new facilities in and around the former Rite Aid building on Michigan and Genesee.

We have signed a development agreement to create convenient, community-focused health sites focused on increasing patient access to urgent care, primary care, and public health services for residents in 48602 and surrounding areas. While still in the exploratory phase, the health sites will enable the hospital and the health department to deliver their respective services as well as collaborate on initiatives that enhance care for all.

It's all about expanding access to essential health services. Our community – especially those in need of safety net services – will be able to access community health resources from several key locations within the Medical Diamond.





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www.saginawpublichealth.org



Saginaw County  **HEALTH DEPARTMENT**



HUMAN SERVICES

William W. Stanuszek, Director



December 26, 2025

1-20-2

SAGINAW COUNTY BOC
JAN 2 '26 AM9:02

Jack Tany, Chairman
Saginaw County Board of Commissioners
County of Saginaw
111 S. Michigan Ave.
Saginaw, MI 48602

Re: MOSQUITO ABATEMENT'S 2025 ANNUAL REPORT

Dear Chairman Tany:

The Saginaw County Mosquito Abatement Commission proudly presents our [2025 Annual Report](#). This report provides an account of the mosquito season's control efforts, services, public education, and mosquito surveillance. This accounting represents the hard work and efforts of our staff to protect the public from mosquitoes and the diseases they transmit. This report is available for public viewing on our website, saginawmosquito.com.

Our operations responded to mosquito threats throughout the season with a concerted effort made to keep the public informed as well as remain accountable utilizing news releases, agency website, and social media. Our surveillance again noted the presence of mosquito-borne disease within the county's mosquitoes and birds.

SCMAC remains committed to providing a responsible public health service to all communities throughout our county by providing relief from nuisance mosquitoes and lessening the threat of mosquito-borne disease.

I look forward to sharing our report at the January 12, 2026, Human Services Committee meeting.

Respectfully,

William W. Stanuszek
Director



Saginaw County Mosquito Abatement Commission

2025

Annual Report





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Technical Advisory Group

Top experts in their field helping to guide SCMAC's
Mosquito Control Programs

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Director's Note

I appreciate the opportunity to present the Saginaw County Mosquito Abatement Commission's 2025 Annual Report. This report encapsulates the diligent efforts of our employees and departments, alongside a synopsis of this year's mosquito season.

With 49 seasons of experience, we continue to improve our ability to control mosquitoes and mosquito-borne diseases throughout the county in a cost-effective manner. This year notes the opening of our new facility and the embrace of new strategies, including drone use and late-season aerial treatment.

With great effort from staff and contractors and support from the community and county, we opened our new facility, located at 705 N. Towerline Road, located in Buena Vista Township. This project was successfully completed within a year and within budget! The new facility positions us to uniquely and efficiently serve the community's mosquito control needs for decades to come.

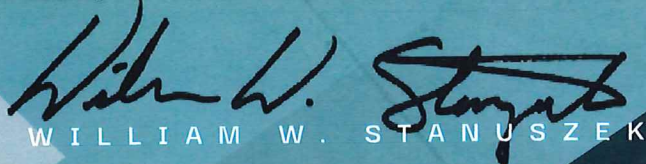
To share this achievement with the community, we hosted an Open House on June 27, 2025, where we not only exhibited the facility but shared our appreciation for the community's support throughout process. We also took the opportunity to thank county leadership and departments as well as the mosquito staff for their contributions and ongoing collaboration.

On behalf of the Commission, I would like to thank and acknowledge those responsible for the construction of the facility, R.C. Hendrick & Son, TSSF Architects, and the many local contractors responsible for bringing the Towerline facility to fruition. We are also grateful to the Saginaw County Chamber of Commerce for commemorating this investment with a ribbon-cutting ceremony. Finally, I want to recognize and share my deep appreciation for the dedication and perseverance of the mosquito abatement staff and board, who worked diligently to ensure the project's success.

This past season also noted the implementation of new mosquito control strategies; the incorporation of drones and late-season aerial treatment. A drone was used to map mosquito habitat, and a treatment drone was purchased for use in 2026 and beyond. This use of drones was instrumental with our inaugural late-season aerial treatment of the Shiawassee River Game Area, in response to the scheduled flooding necessary for managing migratory waterfowl. I would like to thank our Biology and GIS staff for their diligent efforts in ensuring treatment success. I would also like to thank the Michigan Department of Natural Resources for their continued collaboration and cooperation in this effort.

Lastly, 2025 noted an unwanted addition to the community with our first collection of *Aedes aegypti* in Saginaw County. This introduction is likely a transplant from the southern U.S. Fortunately, no additional collections or finds were made. We will continue to monitor this and other exotic mosquito species, annually. This mosquito is an effective transmitter of many mosquito viruses as well as prolific biter of people.

The Commission and its staff members recognize and embrace their essential role in protecting public health. I thank them for their efforts serving our community. Additionally, on behalf of the Commission, I would like to express our sincere appreciation to the residents of Saginaw County for their active participation in controlling mosquitoes.



WILLIAM W. STANUSZEK



Staff

Director: William Stanuszek

Account Specialist: Gabriel Brown

Biologist: Charles Pearce

Chief Mechanic: Jeremy Fabera

Education Coordinator: Mathys Kotze

Field Technologies Coordinator: Ryan DuRussel

Foreman: Travis Coughran

Foreman: Paul Gutka

Office Manager: Courtney Eggebrecht

Operations Manager: Isaac Blackmon

Board

Chairman: David Gutierrez
Saginaw; Member-at-Large

Vice-Chairman: Rene DeSander
Saginaw; Member-at-Large

Secretary: Randall Knepper
Saginaw; Member-at-Large

Trustee: Christopher Klawuhn
Saginaw County Environmental Health

Trustee: Gerald Little
Saginaw County Commissioner Representative



SAGINAW COUNTY
MOSQUITO
ABATEMENT COMMISSION

INTEGRATED MOSQUITO MANAGEMENT



Informing residents, through a **Public Education** Program, of best practices to control mosquitoes and avoid their bites around the home and their community.



Elimination of mosquito breeding habitat (standing water) around the home and community through our **Source Reduction** Programs, including household scrap tire collection.



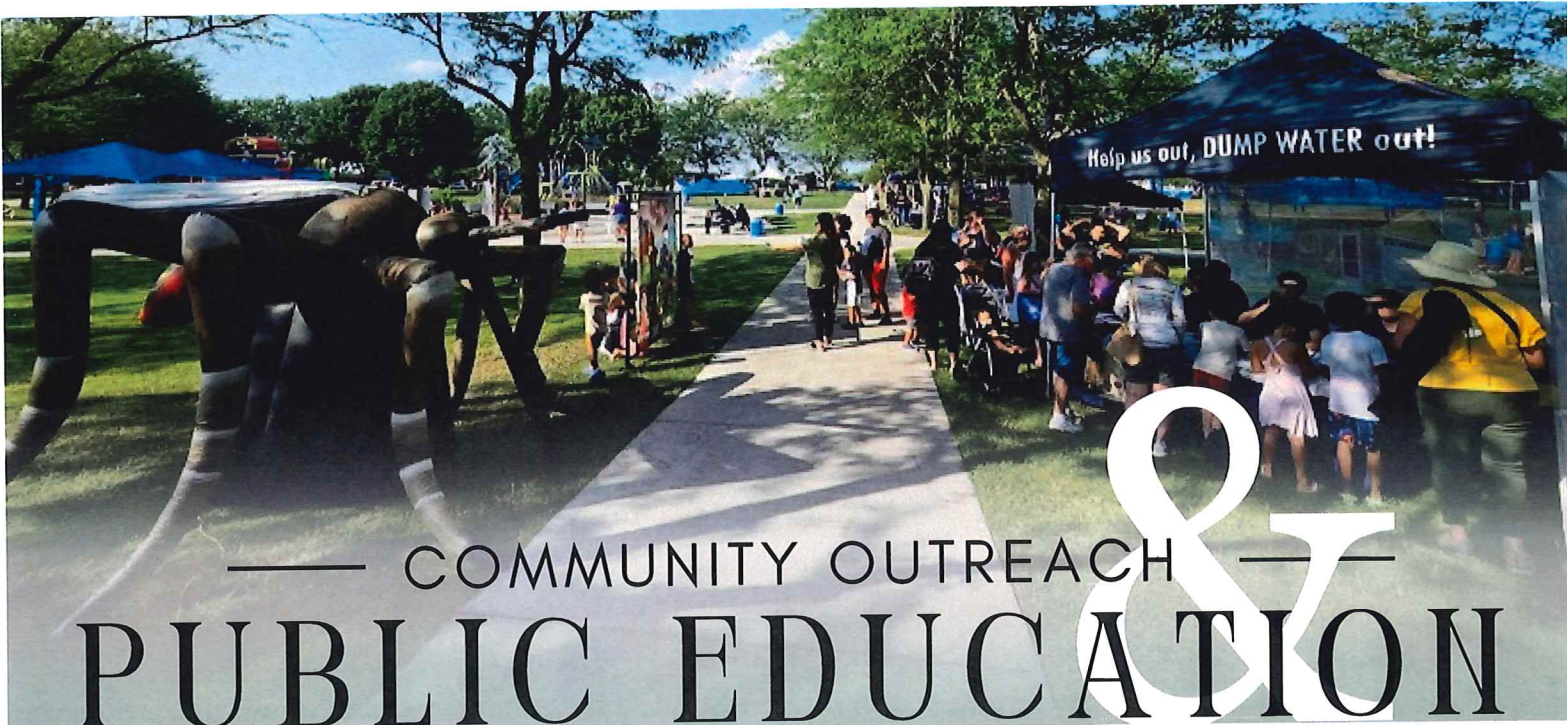
Monitoring mosquito populations and mosquito-borne disease directs our control program. In addition, all control is monitored to ensure responsible and effective use of control products.



Larval control is performed through the treatment of standing water where their presence is found. The majority of larval control is done with a bacterial (*Bti*) product while pupal control is done with a highly refined mineral oil.



Adult mosquito control reduces biting mosquitoes. When mosquito populations and/or mosquito-borne disease increase, an ultra-low volume (ULV) application is performed to decrease the mosquito threat.



"Educating and providing the public with accessible information"

SCMAC maintains its dedication to transparency and public education concerning its services, products, and the risks of mosquito-borne diseases within the community. Our objective is to provide residents with precise and current information via a variety of platforms, encompassing both digital and in-person outreach. The Commission actively collaborates with professional organizations dedicated to mosquito control.

In February of 2025, we once again participated in the Michigan Mosquito Control Association (MMCA) Annual Conference, as well as the 7F Certification Seminar in October. Cultivating relationships and networking with colleagues and stakeholders within the profession continues to be invaluable in combating mosquitoes and related diseases within Saginaw County.

SCMAC also provided training for our seasonal employees, ensuring they are well-prepared for the season. Our digital presence, including our website, public notification application, social media platforms, and professional profiles, continues to offer interactive and reliable access to information and services. Our accessibility ensures engaging and informative experiences for all audiences.




2025 EVENTS

- SCMAC Open House
- SVSU Insect-A-Palooza
- Annual Earthworm Festival
- SVRC Empowered Voices Presentations
- Friday Night Live
- Commission on Aging Senior Picnic
- Saginaw County Fair
- School Presentations
- Saginaw County Parks' Events

We express our sincere gratitude to the many organizations, schools, and community groups that invite us annually to share information about mosquitoes, the diseases they transmit, and effective control measures. School presentations continue to be highly valued opportunities to connect directly with students, and we appreciate the educators who welcome us into their classrooms.

Our participation in civic events provides meaningful opportunities to engage with residents and foster a shared understanding of the importance of mosquito management in Saginaw County. We appreciate the opportunities provided by city, township, and county organizations to engage with and educate the public through their hosted events. This year, we were proud to host our first Open House and ribbon-cutting ceremony at the new SCMAC facility on Towerline Road. Residents, partners, and local leaders were invited to tour the building, meet staff, and learn about our operations at our new location.

Our continued presence at traditional and novel outreach programs, demonstrate our ongoing commitment to public service, transparency, and education.



DISEASE SURVEILLANCE

MOSQUITOES SUBMITTED

50,862

MOSQUITO POOLS

3,097

POSITIVE POOLS

50

POSITIVE WNV

45

POSITIVE JCV

5

SURVEILLANCE RESULTS

3,097 mosquito samples submitted

- *Culex pipiens* - **31 WNV**
- *Culex restuans* - **1 WNV**
- *Culex spp.* - **13 WNV**
- *Aedes canadensis* - **4 JCV**
- *Coquilleltidia perturbans* - **1 JCV**

35 bird samples submitted

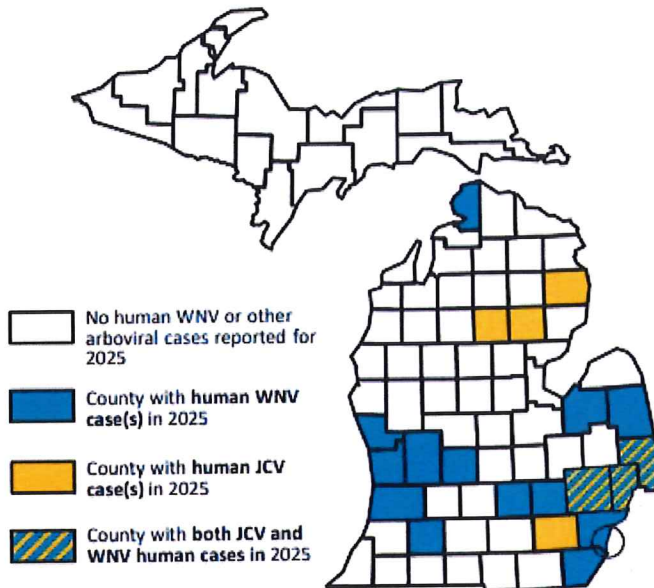
- Crows: **26 WNV**
- Blue Jays: **2 WNV**

Understanding and tracking mosquito-borne disease is crucial to promoting public health within the county. The presence, amount, and recent history of mosquito-borne virus activity dictates our control strategies as well as public notification and education. Our surveillance samples for five viruses known to cause human disease in the Midwest region: Eastern Equine encephalitis (EEE), Jamestown Canyon virus (JCV), La Crosse encephalitis (LAC), St. Louis encephalitis (SLE), and West Nile virus (WNV). Mosquito samples are submitted to the Michigan Department of Health and Human Services' Bureau of Laboratories while birds are sent to the Michigan State University Veterinary Diagnostic Laboratory for testing. Our surveillance efforts adapt according to the arrival and resurgence of mosquito-borne viruses.

STATE OF MICHIGAN

Arbovirus Surveillance

Human Cases

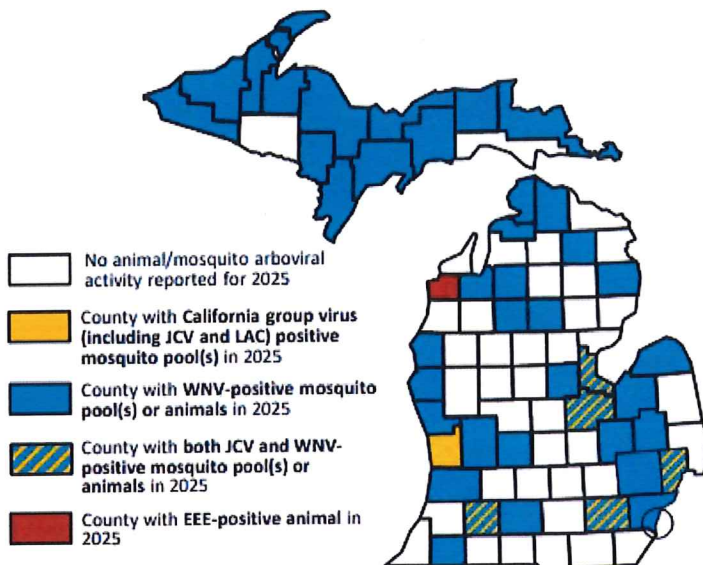


“

Arboviruses are viruses transmitted by mosquitoes or other insects”

The State of Michigan reported **49 human cases of WNV**, with most occurring in the southern portion of the lower peninsula. No fatalities have been reported. **WNV** was also detected in **194 mosquito samples, 92 birds and 4 horses**.

Animal Cases



EEE cases decreased significantly in 2025 with a single positive **horse** in Benzie County. No detection of EEE found in mosquito pools. No human detection has been reported.

Jamestown Canyon virus (JCV) was detected in **13 mosquito samples** with **9 human cases** reported in Alcona, Macomb, Oakland, Ogemaw, Roscommon, St. Clair and Washtenaw counties.



MOSQUITO SURVEILLANCE



Seasonal Highlights

MARCH 10: First mosquito larvae found

APRIL 21: First mosquito pupae found

MAY 12: First major adult emergence

JUNE 3: Peak Spring *Aedes* activity

JUNE 30: Peak Floodwater *Aedes* activity

JULY 2: Summer *Culex* migrate up into tree canopy

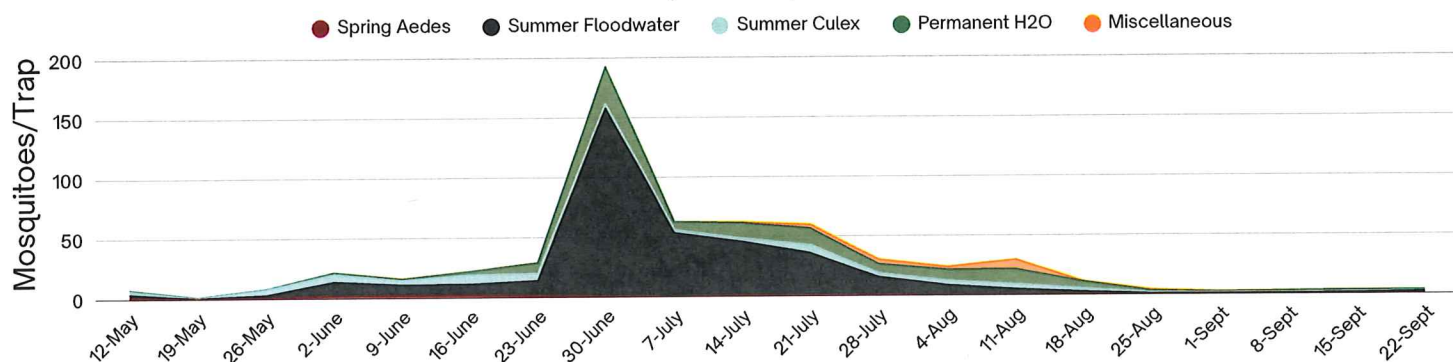
AUGUST 6: Peak *Culex* activity

SCMAC utilizes a variety of adult mosquito traps to monitor populations. In addition, mosquito breeding habitat (standing water) is sampled throughout the season noting the presence and abundance of larval mosquitoes. This monitoring not only allows for operations to respond to mosquito populations but offers improved understanding of mosquitoes and the factors that affect them.

Weather conditions greatly influence mosquito populations, most notably temperature (development) and rainfall (abundance). We monitor rainfall throughout the county to better forecast local impacts on mosquito populations.

NEW JERSEY LIGHT TRAPS

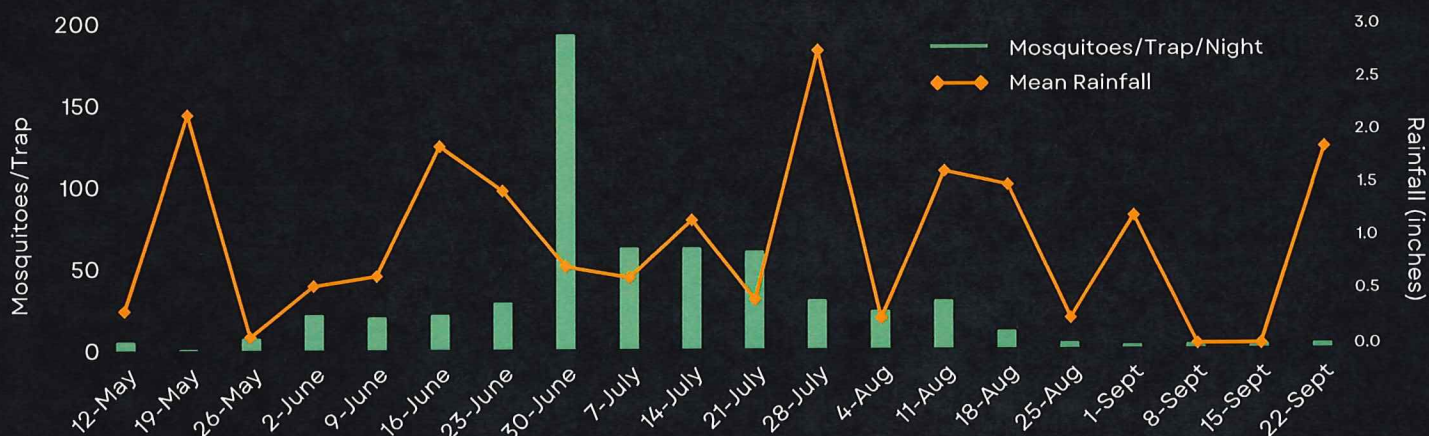
Mosquito Groups Collected



New Jersey Light Traps utilize a light source to sample adult mosquito populations. *Aedes* and *Anopheles* mosquitoes are most often captured in these traps. Twenty-five of these traps are geographically located throughout Saginaw County. These traps are placed at participating residences, and operated Monday, Wednesday, and Friday nights for 20 weeks during the mosquito season. Biology staff collects the mosquitoes the following scheduled workday. These collections are counted and identified providing mosquito species and densities indicating where control is needed. This trap network monitors immediate and long-term changes within mosquito populations.



2025 New Jersey Light Trap Collection with Rainfall Totals



CDC AND GRAVID TRAP SURVEILLANCE



CDC Traps

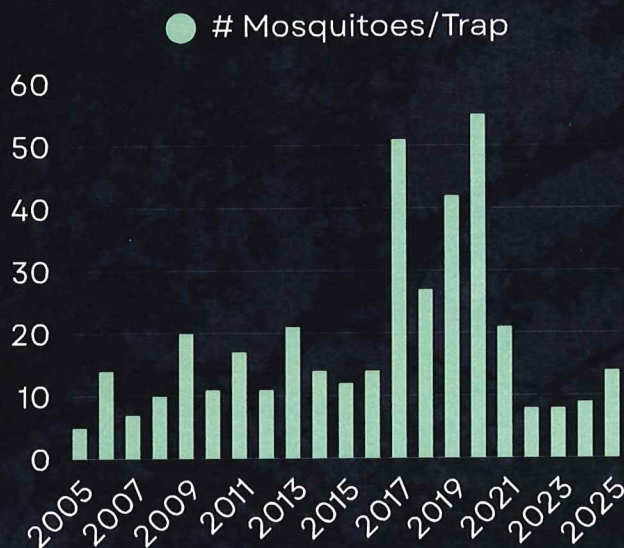
These traps are effective in defining local mosquito nuisance as well as sampling certain disease-carrying mosquitoes. They are baited with dry ice (carbon dioxide) which is very effective in attracting host-seeking mosquitoes, especially *Aedes* mosquitoes. Daily trapping occurs Monday - Thursday in varying locations.

Elevated CDC Traps

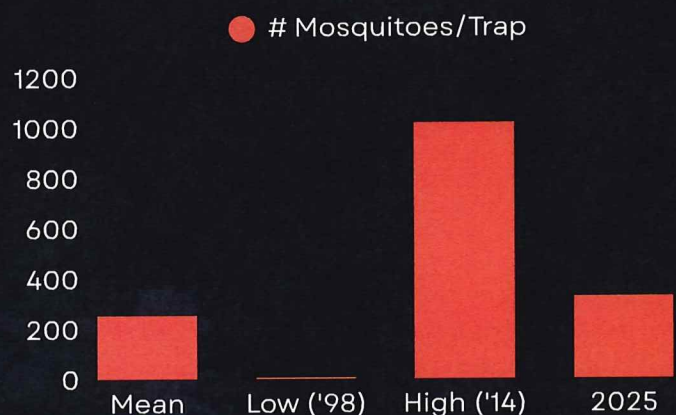
Are placed 15 to 20 feet into the tree canopy to sample summer *Culex* mosquitoes. These mosquitoes primarily feed on birds roosting within the trees. Historically, this trapping method notes early season virus activity.

Gravid Traps

These specialized traps monitor mosquito-disease by baiting *Culex* mosquitoes with a fermented mixture of water, hay, whey, and yeast. This "bait" is very attractive to female mosquitoes looking to lay their eggs. Mosquitoes will lay eggs following a blood meal, which could possibly contain a virus like West Nile virus. Five traps are placed at different sites Monday - Thursday.



CDC Mosquito Trap Totals: 1982-2025

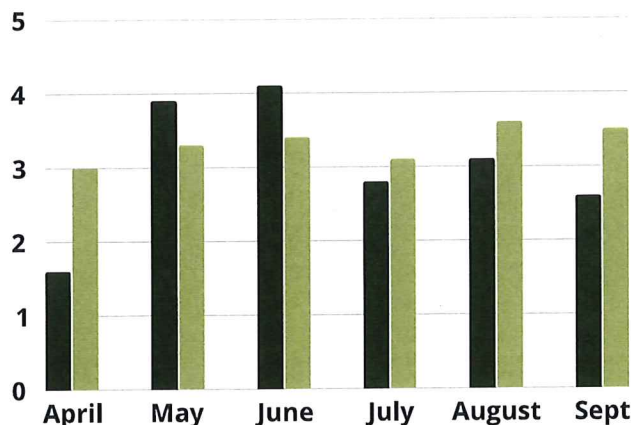


WEATHER



● 2025 Rainfall (inches)

● Mean Rainfall (inches)



Precipitation and temperature influence the amount of mosquito nuisance and arbovirus activity experienced within the mosquito season.

Our 2025 mosquito season began with below average snowmelt and spring rainfall. These conditions, along with a successful spring aerial program resulted in muted numbers of spring and nuisance mosquitoes.

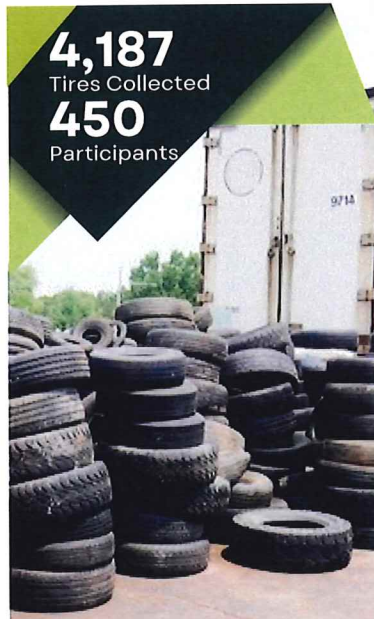
When above average rainfall arrived early in May and June, this saturated our ground resulting in an abundance of standing water and replenishment of our permanent water habitat. Due to this we had a large, sustained emergence of summer floodwater mosquitoes. While the replenished marshes and swamps supported a healthy population of permanent water mosquito populations, which include *Anopheles*, *Culex*, and cattail mosquitoes. These mosquitoes are responsible for disease amplification and are seasonal in nature as opposed to floodwater mosquitoes that hatch following heavy rainfalls.

Warm temperatures, along with a sustained period of dry weather, supported early establishment of West Nile virus activity and resulted in a higher presence of the virus within the county in early July and increased through September.

Source Reduction

S A T U R D A Y T I R E D R I V E S

Hemlock - 269 Tires | St. Charles - 936 Tires | Taymouth - 551 Tires



Scrap Tire Collection:

Tires are accepted at our facility May 1st - August 31st and transported to Environmental Rubber Recycling Center in Flint, Michigan.

Collection Criteria:

- Saginaw County residents ONLY
- 10 tires per household
- No rims
- Passenger sized only
- No businesses

Neglected Pools:

Neglected swimming pools are a major source of *Culex* mosquitoes which often carry West Nile virus. SCMAC works with the Saginaw County Health Department to help eliminate this public health threat. The intent of the program is to encourage homeowners to:

- Restore the pool to use
- Drain completely
- Remove pool

Search & Inform:

Targeting residential mosquito breeding habitats, crews search includes:

- Tires
- Children's toys
- Bird baths
- Buckets

These man-made habitats are capable of producing both biting and disease-carrying mosquitoes, making elimination of these habitats crucial. With the homeowner's permission, crews survey and educate. When these sources cannot be dumped or removed, they are treated.

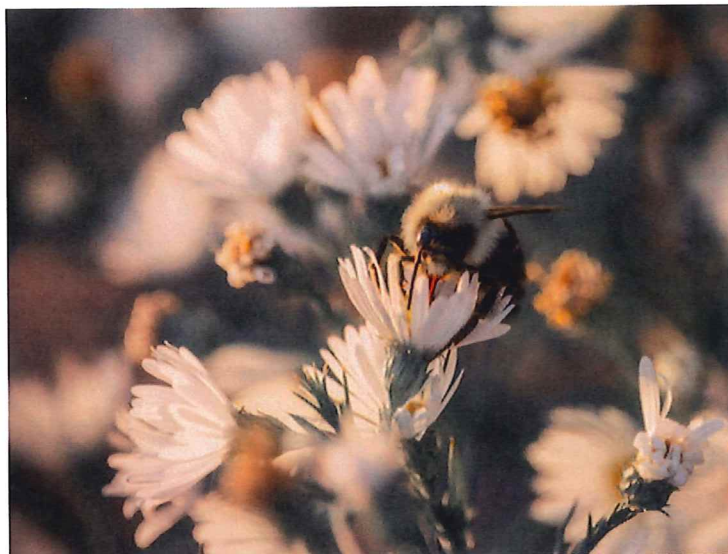


POLLINATOR PROTECTION POLICY

SCMAC is continuously aware of the presence and importance of pollinators in Saginaw County. In order to adequately protect honeybee colonies and other pollinators from possible pesticide exposure, there must be effective communication and cooperation from those involved.

Bees and many pollinators are most active between 8:00 a.m. and 8:00 p.m. Our ULV adult mosquito treatment begins after sunset, well after the time most bees have returned to their hives. Adult mosquito treatment only occurs in areas when needed based on mosquito population and mosquito-borne virus activity. The majority of our control efforts and budget are for larval control that utilizes biological products like *Bti*, which is applied directly to the water and does not affect pollinators.

SCMAC works with the Saginaw Valley Beekeepers Association to follow the Best Management Practices for bee colony/pollinator health in Saginaw County, as well as following the principles and practices set forth by the State of Michigan's "Managed Pollinator Protection Policy" and Michigan Mosquito Control Association's "Mosquito Control and Pollinator Protection Best Management Practices".



Pollinator Response Plan:

- Reduce the presence of mosquito breeding habitat by eliminating standing water and artificial breeding containers.
- Minimize pesticide exposure by following IMM principles and following product labels.
- Prioritize use of larval control products to target the beginning stages of a mosquito's life cycle in standing water. This practice offers little-to-no risk to pollinators.
- ULV adult mosquito management that applies the lowest effective rate of material to target mosquitoes.
- Utilize ULV practices after sunset when honeybees and other pollinators are not active and foraging.
- Avoid direct application of spray to flowering plants.
- Monitor wind direction and speed to avoid insecticide drift.
- Maintain open and frequent communication with beekeepers.
- Work with beekeepers who wish to be a "no spray" resident.
- Watch Michigan Department of Agriculture and Rural Development's Drift Watch website for hive locations and note on all treatment maps.



CONTROL MATERIAL

LARVICIDING PRODUCT	PESTICIDE REGISTRATION #	ACTIVE INGREDIENT	AMOUNT APPLIED
VectoBac G	73049-10	Bti	275,534 lbs.
MetaLarv XRP	73049-475	Methoprene	6,984 packets
MetaLarv S-PT	73049-475	Methoprene	4,532 lbs.
BVA 2 Larviciding Oil	70589-1	Mineral Oil	225 gal.
Altosid XR Briquets	2724-421	Methoprene	2,174 briquets
Altosid pellets WSP	2724-448	Methoprene	8,104 packets
Altosid P35	89459-95	Methoprene	3,802 lbs.
VectoLex WDG	73049-57	Bs	4.5 lbs.
VectoMax WSP	73049-429	Bti/Bs	32,856 packets
Fourstar 180 Briquets	83362-3	Bti/Bs	2,880 briquets
Sumilarv 0.5G WSP	1021-2818	Pyriproxyfen	1,042 packets

Bti = Bacillus thuringiensis israelensis, Bs = Bacillus sphaericus



ADULTICIDING PRODUCT	PESTICIDE REGISTRATION #	ACTIVE INGREDIENT	AMOUNT APPLIED
Kontrol 4-4	73748-4	Permethrin	5,511 gal.
DeltaGard	432-1534	Deltamethrin	149 gal.

AERIAL TREATMENT

APRIL APPLICATION

In April of 2025, eight fixed-wing aircraft applied granular *Bti* at the very low rate of 2.5 - 3.0 pounds per acre to control spring woodland mosquito populations.

Bti is a naturally occurring soil bacterium that biodegrades quickly without leaving a residual. Efficient and accurate aerial application is accomplished through Geographic Information Systems (GIS). Treatment areas are defined, and treatment can be tracked in real-time. Awareness and notification for this annual event is provided through a local news release and contacting governmental, regulatory, and public safety agencies.

150  **51,240**  **88%**
WOODLAND POOLS CHECKED ACRES TREATED REDUCTION: SPRING MOSQUITOES

SEPTEMBER APPLICATION

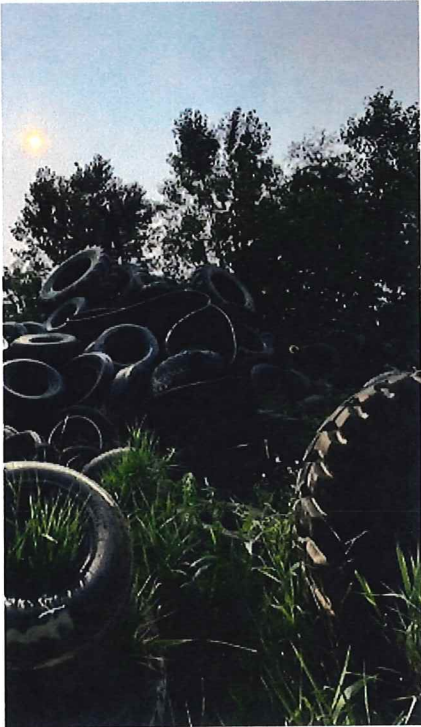
With the season lengthening into October due to warmer temperatures, biting mosquitoes and related late season disease transmission offer new challenges. A related challenge is the September scheduled, managed flooding of the Shiawassee River State Game Area for migratory waterfowl results in excess of 1,650 Acres of floodwater habitat for both waterfowl and mosquitoes alike. These resultant mosquitoes are a substantial threat to surrounding communities.

In response and in partnership with the MDNR officials, aerial treatment with *Bti* was completed in this September, resulting in **1,300 Acres** of habitat treated providing effective control and relief to surrounding communities.

Yearly evaluation of our aerial larviciding program is conducted to monitor the accuracy of aerial applicators and insecticide efficacy. Woodland pools are checked before and after treatment to determine program efficacy. Upon completion of aerial treatment, seasonal vector technicians begin ground larviciding of small, isolated flooded woodlands in and around populated areas. This year's sampling noted an 85% reduction in spring mosquitoes which compares to a historical average of **88% with a 33-year range of 72 - 96% reduction.**



LARVAL CONTROL



Larviciding is the most effective technique for controlling mosquitoes where habitat cannot be eliminated. Out of a 16-hour workday, 12 hours are engaged in this activity. Larval sites are either known historical habitats that are checked routinely or from residents reporting standing water.

RETENTION | DETENTION PONDS

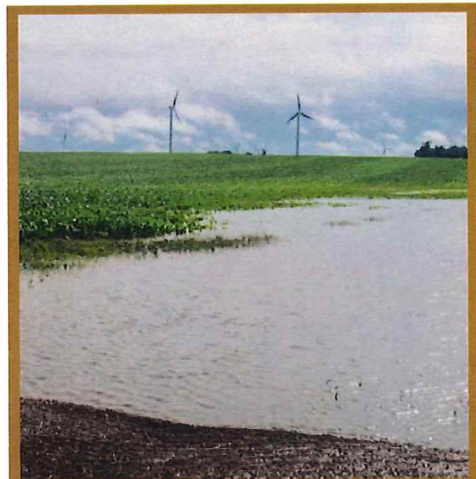
Retention and detention ponds are designed to collect stormwater from paved surfaces such as parking lots. There are **419 retention/detention** ponds that are routinely checked and treated when necessary. Treatment acres for these ponds are rainfall dependent and treated with *Bti* or BVA at a rate of 5 to 10 pounds per acre. Pupae are treated with a larviciding oil applied at a rate of three gallons per acre. A total of **36 treatments** occurred this season.

NEGLECTED POOLS | TIRES

Unused swimming pools and scrap tires can be difficult to remove and are capable of breeding disease carrying mosquitoes all season long. These habitats are therefore inspected and treated with extended-release products when possible. A total of **35 pool sites** were monitored, **34 required treatments**. Pool sites are reported by residents, local governments, and the Health Department. A total of **272 tire site visits** completed, many businesses, were monitored requiring **157 treatments** with *Bti* and larviciding oil.

SEWAGE LAGOONS

Saginaw County has **16 sewage lagoon** sites that are monitored throughout the season. These habitats are a prolific source of disease carrying *Culex* mosquitoes due to the high organic matter. Monitoring and treating these sites are crucial to disease prevention. When breeding is found, treatment is done using Vectox WDG at a rate of 1 pound per acre. Routine inspection of these habits resulted in **17 treatments**.



FLOODED FIELDS

Summer floodwater sites are inventoried within our GIS software, and number in the thousands. These sites routinely breed nuisance mosquitoes following rainfall events that result in the creation of floodwater habitat. Upon property owner request, SCMAC conducts a visit and treats any mosquito breeding found on the property. This season, **1,581 site visits** were conducted of which **256 required treatment**.



EXTENDED LARVAL CONTROL

Roadside ditches are treated throughout our 27 townships, villages and cities. Larval treatment commences in metro areas and villages every 4-6 weeks with an extended-release control product. Ditches in other areas are monitored and treated with *Bti* following large rain events.

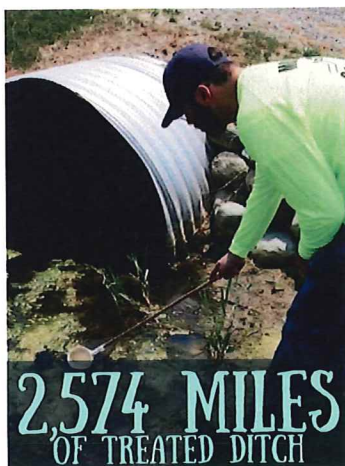
PRODUCTS

Products used in ditches:

VectoBac G - bacterial

MetaLarv S-PT - growth regulator

Altosid P35 - growth regulator



Catch basins are a major breeding source for *Culex* mosquitoes which can transmit WNV and SLE. Extended-release products are used to control mosquitoes for weeks to months at a time. The Biology Department routinely checks for infestation and control efficacy. Product selection for use in catch basins depends on location and type, as we annually rotate product active ingredients to disrupt potential resistance within the resident mosquito population.

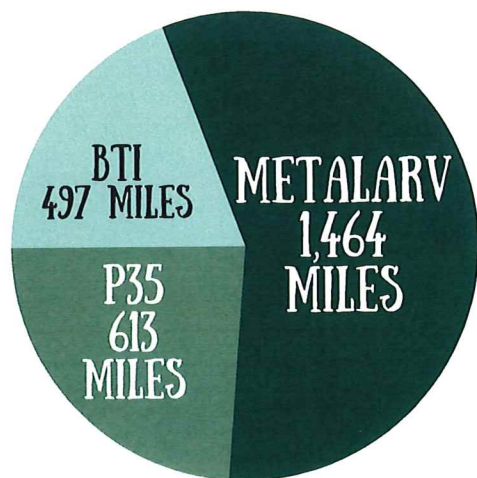
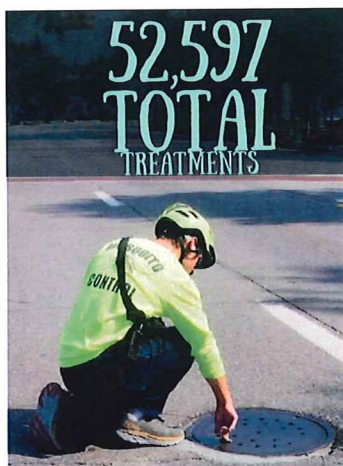
PRODUCTS

VectoMax WSP - bacterial

Altosid WSP, XR - growth regulator

Sumilarv O.5 G WSP - growth regulator

MetaLarv XRP - growth regulator





- *Thresholds are not met*
- *Temperatures are below 55°F*
- *Winds are above 10MPH*
- *Active precipitation*

Ultra-Low Volume (ULV) adulticiding is the introduction of control products into the air to kill adult mosquitoes while they are in flight using truck mounted sprayers. Each ULV machine is calibrated monthly to dispense approximately 1.0 ounce of spray product per acre. These machines break down insecticides into the proper droplet sizes, which range from 12-25 microns. Weather permitting and justified, ULV treatment normally takes place Monday through Friday from sunset to 12:30 a.m., as to coincide with peak mosquito activity.

The County of Saginaw is divided into 9 service zones. Adult spraying is performed after analysis of biological data from traps, disease surveillance, and citizen calls. Our ULV spraying primarily utilized a 4% permethrin formulation.

Quality Control

In addition to monitoring larval control product effectiveness, SCMAC conducts multiple laboratory and field tests on current and possible adult control products. ULV caged-mosquito tests ensure adult control product efficacy in the field, while laboratory bottle bioassays monitor for possible adulticide resistance in Saginaw's mosquito population.

This year's accomplishments included: continued evaluation of extended-release larval control products in ditches and catch basins; seasonality of various mosquito-borne diseases; and adult trapping technologies.

PROGRAMS

Citizen Requests

229

30oz Jugs

25

40lb Bags

707

Priorities

43

MedCerts

1,257

Long Drives

295

No Sprays



Community Use Sites

Sites that are frequently utilized by the public such as parks, campgrounds, and clubs are routinely checked and treated for mosquitoes to promote community enjoyment and use. Each site is unique and receives site-specific IMM. While most sites receive routine larval treatment, adult control may occur as needed, event-based, or not at all. There are currently **38 sites** within this program.

Bti Distribution

Property owners that have persistent stagnant water may obtain *Bti* product. The amount provided is based on homeowner property size and amount of water habitat. Participating residents receive the product label, instructions, and related-FAQ's.

Priority Requests

Each year, residents are allotted **2 priority sprays** for events when availability allows. On the requested date, staff are dispatched to the property to perform adult treatment. A liability release form is signed for authorized off-drive treatment.

Medical Certification

Residents who obtain medical confirmation of an extreme reaction or other medical difficulty related to biting mosquitoes may apply for our Medical Certification Program. Paperwork is renewed annually. Those who qualify receive treatment when a ULV zone sweep is conducted in their township.

Long Drive Treatment

To improve adult control in their area, homeowners may request driveway treatment during a ULV zone sweep. Driveway treatment criteria:

- Home located 300 feet or more from road
- Adequate vehicle turnaround
- Vegetation/mosquito harborage

Approved drives are placed on treatment routes and treated along with the roads.

No Spray Requests

Property owners may "opt out" of any or all mosquito control services. Organic farm operations are not treated due to their organic designation. Residents desiring to be excluded from treatment must complete a No Spray Request Form each year to ensure accuracy. Residents are provided yellow reflective signs to post at their property lines to assist with awareness. In addition to visible signs, these properties are included in GIS for operational reference.

Professional Development

Seasonal Staff

Prior to employment, seasonal staff had to pass the Michigan Department of Agriculture and Rural Development (MDARD) Core or Category 7F test to become registered technicians or commercial applicators.

In addition to passing the MDARD test, employees receive intensive hands-on training, consisting of closely supervised fieldwork.

Employees also receive training addressing safety, policies, control products, application techniques, technology, equipment, and professionalism.



Permanent Staff

SCMAC values and promotes training of our staff regarding safety, policies and regulations, operations, and professional development. The mosquito control profession is always changing. Permanent staff members are involved with numerous national and state associations, attend meetings, conferences, trainings, and seminars to stay abreast of new technologies, mosquito control practices, products, and science.

SCMAC staff actively participates and is represented within the following professional organizations:

- American Mosquito Control Association
- Michigan Mosquito Control Association
- Midwest Center of Excellence in Vector-Borne Disease
- Entomological Society of America
- Community of Michigan Professionals Advancing Spatial Sciences

SCMAC also works closely with the Saginaw County Health Department, Parks and Recreation, and Public Works.



TECHNICAL ADVISORY GROUP

Saginaw County Mosquito Abatement Commission's Technical Advisory Group was established in 1992 and meets twice a year, typically in March and December. This group consists of experts in a variety of fields who assist and provide input to our agency's program and practices.

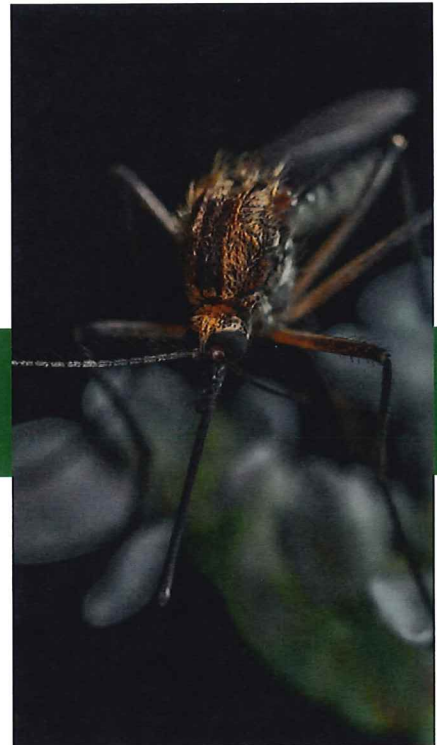
2025 MEETING TOPICS

March

- SCMAC's 2025 Program Plan
- Program Changes
- Season Projects
- State and Federal Permitting
- 2025 Mosquito-Borne Disease Surveillance

December

- SCMAC's 2025 Annual Report
- 2025 Season Highlights
- Mosquito Surveillance Results
- Disease Detection Results
- Post Season Plans



Chairman: Edward Walker, Ph.D.

George Balis

Eric Benbow, Ph.D.

Rachel Burkholder

Stephen Dawson

Emily Dihn, Ph.D.

David Driver

Eric Dunton

Kristen Finch

Kevin Kern

Tom Kessler

Chris Klawuhn

Ken Luzynski, Ph.D.

Emily Pochubay

Diana Riner, Ph.D.

Scott Simmons

JD Snell

Tammy Theisen

Jean Tsao, Ph.D.

Gary Wagner

Brian Wendling

Bryant Wilke

Michigan State University

Clarke

Michigan State University

Michigan Department of Health & Human Services

MDHHS Bureau of Laboratories

Michigan Department of Health & Human Services

Veseris

Shiawassee National Wildlife Refuge

Michigan Department of Health & Human Services

Michigan Department of Agriculture & Rural Development

Clarke

Saginaw County Environmental Health Services

Saginaw Valley State University

Michigan Department of Agriculture & Rural Development

MDHHS Bureau of Laboratories

United States Fish & Wildlife Services

Target Specialty

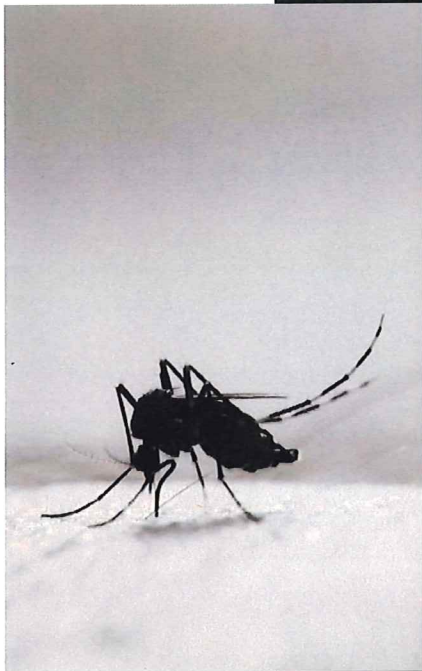
Saginaw County Health Department

Michigan State University

Central Life Sciences

Saginaw County Public Works

Sanilac County Health Department





fight THE BITE

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📘 Facebook.com/saginaw.mosquito

📱 Saginaw Mosquito Notification App

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