ST. CLAIR COUNTY HEALTH DEPARTMENT

Accredited by:
Michigan Public Health Accreditation Commission

2016 ANNUAL REPORT
SPOTLIGHT ON HEALTH
VISION

St. Clair County will be a healthy community that is self reliant and prepared for the future, allowing it to achieve the highest potential and well-being of residents.

MISSION

St. Clair County Health Department will be the trusted local expert in population and preventive health practices; encouraging effective community partnerships, eliminating barriers to health resources, protecting the community from health threats, and encouraging stewardship of the environment.
GREETINGS FROM OUR MEDICAL HEALTH OFFICER

2016 was a transitional year for public health and the St. Clair County Health Department (SCCHD). VIP Researcher CEO Dr. Martin Hill was contracted to implement our Community Health Needs Assessment (CHNA), including a first ever regional Behavioral Risk Factor Survey allowing us to differentiate health issues between our Northeastern, Western, and Southern communities. The use of solid research methods to identify and quantify health issues in our community is an important step in developing a community health improvement plan, making interventions effective and measurable.

Another important transition was the hiring of Lindsay Maunz, Coalition Coordinator for the St. Clair County Prescription Drug Abuse Workgroup and the St. Clair County Smoke-Free Community Team through Region 10 Prepaid Inpatient Health Plan (PHIP) grant funding. This funding emphasizes the strong collaborative relationships we are forming with our community stakeholders and also allowed staffing growth in our Health Education division. Health Education also received funding to provide Naloxone (an opiate overdose rescue medication) to the community. The Second Chance Naloxone Program provides free training and rescue kits to agencies or individuals in St. Clair, Lapeer, Sanilac or Genesee County, designed to reduce stigma and save lives. The training is facilitated by one of our public health nurses, Julie Walding, who has decades of experience with substance abuse treatment and prevention. Our community has been very receptive to the program.

Nursing programs also had a big year. The Title X Family Planning services returned in late 2016 because of the great need in our community. Our expectation is to grow the program back to its full capacity in a financially secure way as we are already seeing great demand at the clinic. The Teen Health Center (THC) hired a new on-site mental health therapist, Laura Whittaker, a Licensed Master Social Worker with considerable expertise with adolescents. This has reduced many barriers for THC clients to receive mental health services and has been successful. The THC continued to offer LEADS: Linking Education and Awareness of Depression and Suicide, a school-based educational program for high school youth, including information on depression and suicide to help students recognize early signs and symptoms, identify risk factors, and what to do about it.

The Environmental Health Division partnered with the National Oceanic and Atmospheric Administration (NOAA) on a project to monitor for the phytoplankton that contributes to harmful algae blooms. St. Clair County is the only local health department in Michigan to participate.

With these special interventions the St. County Health Department is responding to the health needs of the community. With our traditional and mandated services we also provide the framework for keeping the community safe and living up to our mission of being the “local trusted experts in population and prevention health practices.”

Yours in Health,

Dr. Annette Mercatante, Medical Health Officer
ABOUT US

For more information, visit here

ADMINISTRATION

Annette Mercatante, MD, MPH
Medical Health Officer

Greg Brown B.S., R.S.
Administrator

Liz King, RN, BSN
Director of Nursing & Community Health

Steve Demick, B.S., R.S.
Environmental Health Director

Jennifer Michaluk, M.Ed., CHES
Director of Health Education & Planning

Diane Forys, B.S., R.S.
Emergency Preparedness Coordinator

Amy Hart, B.S., C.P.A
Accountant/Financial Systems Manager

St. Clair County Health Department Administrative Staff

BOARD OF HEALTH

John Jones, Secretary
Marie J. Muller, Chair
Scott McPhilimy, D.O.
Monica Standel
Arnold Koontz
Howard Heidemann, Commissioner

Board Members as of December 2016
Pictured Back row: John Jones, Monica Standel, Pastor Arthur Koontz, Dr. Scott McPhilimy. Front row: Marie Muller, Dr. Annette Mercatante, Howard Heidemann.
2016 agency highlights
A YEAR IN REVIEW

Greg Brown B.S., R.S., Administrator (Pictured Left)

MONTHLY ALL STAFF MEETINGS BEGAN
Topics included: Lead, Food Safety, Vector-borne Illnesses, Million Hearts®: Heart Health, HIPAA Training, Plain Language, and Emergency Preparedness

LIZ KING ASSUMED CHILD DEATH REVIEW TEAM DUTIES

HUB TRANSFERRED TO COUNTY SERVER
The project also received $20,000 from Community Foundation for enhancements.

1ST EVER "VOTE & VAX" EVENT

SCCHD & LAMBTON COUNTY HEALTH SERVICES MET discussed cross-border issues & updates

COVER IT YOU MATTER: CONDOM & TESTING CAMPAIGN LAUNCHED

MICHIGAN BREASTFEEDING NETWORK SILVER AWARD: BREASTFEEDING FRIENDLY WORKPLACE

SHERI FAUST NAMED 2016 BLUE WATER WOMAN GOVERNMENT PROFESSIONAL OF THE YEAR

ENTITIES CONTRIBUTED FOR STORM WATER PERMIT SERVICES
12 watershed communities and 6 educational institutions contributed $27,000+ for permit compliance. We are the only health department in Michigan that has administrative duty for the National Pollutant Discharge Elimination System (NPDES) storm water permit.

COUNTY WELLNESS COMMITTEE HOSTED "FLU CHALLENGE"
County departments were split into teams to encourage employee flu vaccination.

THE COMPLEMENTARY HEALTH CARE NETWORK ESTABLISHED
A group of doctors with various backgrounds working together to combat the opioid epidemic.
2016 at a glance

FINANCIAL SUMMARY

Amy Hart, B.S., C.P.A, Accountant/Financial Systems Manager (Pictured Right)

2016 Health Department Revenues

Total Revenues: $6,928,404

- County Appropriation
- Charges for Service
- Federal Vaccine (In-Kind)
- Licenses & Permits
- Federal/State Revenue
- Medicaid Full Cost Reimbursement
- Other Grants & Revenues

2016 Health Department Expenditures

Total Expenditures: $6,614,995

- Environmental Health
- Nursing
- Emergency Preparedness
- Women, Infants, & Children
- Dental
- Region 10 Pre-paid Inpatient Health Plan
- Other Programs
2016 at a glance
COMMUNITY HEALTH EDUCATION & OUTREACH

35
MEDIA
releases

9
community
events
ADDRESSING PRESCRIPTION DRUG
ABUSE AND TOBACCO PREVENTION

842
social media
POSTS

page likes by
30%

242
health
PRESENTATIONS
including Naloxone, Safe Dates, STI's,
L.E.A.D.S., Million Hearts®, Tobacco
Prevention, and other topics

28
community
outreach
EVENT PARTICIPATION

12,199
MEDICAID
awareness
activities

18,539
eligibility &
VERIFICATION
services

24,118
REFERRAL
coordination &
monitoring

24
transportation
ARRANGEMENTS

20
COMMUNITY
agency
partnership

488
application
ASSISTANT
services

30
medicaid specific
TRAINING
2016 spotlight on Community Health Education & Outreach

Jennifer Michaluk, M.Ed, CHES, Director of Health Education & Planning
(Pictured Right)

Learn more about Health Education here

Increasing Health Promotion with Social Media

The Health Education team started an initiative to create more of a social media presence for the health department. Each division submitted 3–5 posts per month promoting their services, a health issue, or a special program highlight. This quality improvement project boosted our Facebook page likes from 569 to 816 by the end of 2016.

Gender Identity and Youth Training

Adolescents who identify as LGBT (Lesbian, Gay, Bisexual, or Transgender) are more likely to use alcohol, drugs, and tobacco, as well as suffer from depression and suicide. Tying in with our Substance Abuse Prevention grant, Health Education planned two trainings on gender roles, current terminology related to transgender youth, and how to become an ally for at-risk youth. Approximately 150 participants attended. Trainings were sponsored by the St. Clair County Community Services Coordinating Body (CSCB), Region 10 PIHP and St. Clair County Community College (SC4). Participant evaluations were very positive and confirmed the need for further education/discussion in our county.

Naloxone Saves Lives

Second Chance Naloxone Program is a confidential Naloxone training and rescue kit distribution program for individuals at risk of opioid overdose or those who have contact with those at risk of opioid overdose. Other components of the program include substance abuse recovery resources and community training options. Funding has been provided by Michigan Department of Health and Human Services (MDHHS) and Region 10 PIHP.

Program Highlights

- Naloxone moves from injectable to nasal administration
- Local law enforcement trained
- First reversal documented in August 2016
- On-site trainings offered monthly

Program Statistics

86 trainings 518 kits distributed 1,058 individuals trained 8 kits used
TECHNOLOGY QUALITY IMPROVEMENT

The use of Dopublicity, a digital signage system, has improved the professional appearance of announcements/current events and keeps the public, as well as the staff, updated. Outreach coordinates this and is responsible for loading and removing ads/designs as most displays are time sensitive.

HEALTH PROMOTION OUTSIDE OUTREACH

Outreach utilizes health promotion opportunities to link individuals to state, county and local health services and resources. SCCHD has secured various funding to enhance service delivery to Medicaid populations. For example, the Substance Abuse and Mental Health Services Administration (SAMHSA) awarded funds to co-locate a primary care medical clinic (Lake Huron Medical Center) at St. Clair County Community Mental Health (CMH), increasing access to comprehensive services for Medicaid clients. Much interagency planning and coordination has been dedicated to partnering with CMH on various components of their Health Integration Project.

OUT WITH THE OLD AND IN WITH THE NEW

Community events and presentation numbers have declined due to various funding sources/grants that now support various activities. Special focus areas for 2016 include lead, safe sleep, naloxone training and kit distribution and prevention of underage drinking (Safe Dates curriculum for youth).

NEED ELECTRICITY? OUTREACH MATTERS.

A story by Pattie Bayless, Outreach Clerk

I received a call from a young man who was down and out. His girlfriend had recently left him and their child, meanwhile his electricity had been shut off because the bill hadn’t been paid for months. In order to get the electricity turned back on, he had to pay $370 and he did not have the funds to do this. After multiple calls to various agencies, his hope was falling short. He began to cry after I told him St. Vincent DePaul Society offered to pay the bill. He kept apologizing for crying and even called me a saint for helping him find a solution. I said, "St. Vincent is the Saint because they were paying the bill." This is just one example of someone we were able to help – and that makes me proud to say I work in Outreach at the health department!
2016 spotlight on Environmental Health

Steve Demick, B.S., R.S., Environmental Health Director (pictured left)

Learn more about our Environmental Health Division here

Environmental Health Director Appointed to DEQ Council

Steve Demick was appointed to the Michigan Department of Environmental Quality, Air Quality Division’s Air Advisory Council. The 22-member board provides input to the AQD in the areas of public participation, air dispersion modeling and other policy and programmatic issues. Goals include meeting and maintaining air quality standards, limiting emissions of hazardous and toxic pollutants and informing the public about current air conditions. We are the only local public health agency represented on the Air Advisory Council.

Partnership Formed with Water Treatment Plants

The division partnered with local drinking water treatment plants and Wayne State University on a grant to evaluate the Viability of a Real-time Source Water Early Warning System for Volatile Organic Compounds (VOC). The study compared two real-time VOC instruments at the Detroit Water and Sewerage Department and Marysville Water Treatment Plant. One of which was found to be inexpensive and low maintenance. Objectives included training drinking water operators to calibrate and perform basic maintenance and service, interpret data, and write a final report on the logistics and economics of the online VOC monitoring. The Erie to Huron Corridor drinking water utilities now have the information needed to make informed decisions regarding real-time monitoring of VOCs.

Beach Monitoring for Our Great Lakes Beaches

Bacteriological monitoring of 8 Great Lakes beaches was completed. Over 400 samples were analyzed totaling 8 single day closures, resulting in beaches being open 95% of the time. We also participated in a grant study of real-time beach monitoring equipment. This advanced technology produces water quality results within hours and can be used to identify specific sources of pollution using genetic markers. In this study, the real-time qPCR technology was consistent with the conventional 18-hour method over 90% of the time.
TEACHING WATER POLLUTION IN OUR COMMUNITY

Pollution Solutions was presented to over 1,000 St. Clair County students in various elementary, middle and high school classrooms. Environmental Health Educator, Sheri Faust, brings environmental concepts to life using a table-top model of a town that students pollute. Students watch the effects of a rainstorm on the polluted town and discuss water quality problems and solutions making connections between the health of the environment and everyday actions.

NATIONAL CREDENTIALS OBTAINED

Linda Stanbridge, Sanitarian, received her Registered Environmental Health Specialist/Registered Sanitarian (REHS) credential. A premiere National Environmental Health Association professional credential demonstrates competency in a range of environmental health issues; the ability to respond to routine or emergency environmental situations; and to provide education to the community on environmental health concerns.

STATE CALLED ON FOOD STAFF EXPERTISE

Food Service Standardized Trainers Keri Shinn and Ashley Castello were utilized by the state to train a new Sanilac County employee to become certified in conducting food service establishment inspections. Responsibilities of food service inspections include training new and newly assigned food service inspections sanitarians in the proper application and interpretation of applicable regulations, inspection methodology, communication, and report writing.

ENVIRONMENTAL HEALTH JOINED WATER RESOURCES TASK FORCE

Sheri Faust was appointed as a St. Clair County representative to participate on SEMCOG’s Water Resources Task Force, which is charged with updating the Water Resources Plan (WRP) for Southeast Michigan. The Task Force is developing policies and strategies related to the region's water resources and will ultimately produce a new WRP for Southeast Michigan. Topics include infrastructure, stormwater runoff, habitat protection and restoration, invasive species, recreation and access and the blue economy. This is SEMCOG’s largest task force to date with participants from SEMCOG members, nonprofit organizations, state agencies, academia and other technical experts.
2016 at a glance
EMERGENCY PREPAREDNESS & RESPONSE

Diane Forys, B.S., R.S., Emergency Preparedness Coordinator (Pictured Left)

Learn more about our Emergency Preparedness, Planning, and Response Division here

SPECIAL PATHOGENS WORKSHOP
The SCCHD hosted a Special Pathogens Workshop for local medical and healthcare partners. Speakers were experts from MDHHS and the Director of the Midland County Mosquito Control Program. Topics included Zika Virus; Ebola Traveler Monitoring and Other Special Pathogens; Communicable Disease Surveillance System Updates; and Laboratory Guidance. Approximately 30 people attended.

5 ALERT NOTIFICATIONS
to staff for security/safety

11 exercises

12 real-life EVENTS

10 ALERTS / advisories / RECALLS

28 communication DRILLS & TESTS
2016 at a glance

Individual & Family Health

8,175 Immunizations
includes child, teen, adult, flu & travel

389 Tuberculosis Tests

1,921 Lead tests

8 Home Lead tests

1,131 Communicable Disease investigations

"Pleasant, helpful staff, clean environment"
- Client

"Great care today."
- Client

563 Sexually Transmitted Infections investigations

1,006 Clients seen for STI tests & treatment

599 HIV tests
2016 at a glance
INDIVIDUAL & FAMILY HEALTH

successful PUBLIC HEALTH nurse visits 2,140

Children’s Special Health Care Services

527 average MONTHLY caseload

“This program is amazing” – Client

“Treated absolutely wonderfully, wonderful program, wonderful people” – Client

VISION screens 11,655

6,832 HEARING screens

CSHCS EMPLOYEE WINS AWARD
Jenny Barrons, RN was awarded the 2016 Special Child Advocate Award given by the St. Clair County Child Abuse/Neglect Council. Jenny is a Public Health Nurse who works in our Children’s Special Health Care Services program.
**2016 spotlight on INDIVIDUAL & FAMILY HEALTH**

*Liz King, BSN, RN, Director of Nursing & Community Health (Pictured Right)*

Learn more about Individual & Family Health [here](#)

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**MATERNAL INFANT HEALTH COLLABORATION**

Maternal Infant Health Program (MIHP) partnered with WIC to provide WIC certification to pregnant women during the MIHP enrollment. MIHP partnered with immunizations providing Tdap and Flu vaccine in the home to eligible pregnant women.

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**SAFE SLEEP**

The rates of infant deaths from unsafe sleep are higher in St. Clair County than the state and most counties in Michigan. Cindy Koepf, RN, MIHP nurse provides needed education, awareness and outreach. In 2016, thousands of community members and partner agencies were reached at 16 events and/or presentations.

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**FLU SHOTS FOR COLLEGE STUDENTS**

Nursing partnered with Alana’s Foundation to provide free flu shots to uninsured and under-insured students attending SC4 as part of the MDHHS College and University Flu Vaccination Challenge.

**FLU VACCINATION CHALLENGE STATS**

- 2 day clinic
- 263 total students received their flu shot
- 60 students received a free flu shot

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**CHILDHOOD LEAD POISONING PREVENTION**

Erica Smith, RN, gave several presentations about the dangers of lead poisoning, the importance of lead testing and follow-up, as well as ways to keep children and homes lead free.

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**RAPID HIV TESTING NOW OFFERED**

Rapid HIV testing began in August 2016. Rapid testing means that those tested get preliminary results within minutes as opposed to multiple days later. Since testing began, 178 Rapid HIV tests have been performed.
2016 at a glance

TEEN HEALTH CENTER

Providing care to teens for over 30 years

698 medical visits including sick
2,004 immunizations
417 mental health visits
463 physical exams
435 sexually transmitted infections diagnosis & treatment
33 family planning referrals
11 substance abuse referrals

2016 spotlight on TEEN HEALTH CENTER

HAPPY 30TH ANNIVERSARY!

Teen Health Center celebrated 30 years of adolescent focused medical care. The clinic held an open house on October 6 to acknowledge the humble beginnings in a modular trailer and the growth to the building where clients are being served now. Students participated in an art contest and distracted driving demonstrations. Teen Health Center looks forward to offering tele-medicine services in the near future. Stay tuned for services to grow and expand to meet the needs of the community.
2016 at a glance
WOMEN, INFANTS, & CHILDREN

“The best part about WIC so far is how they have been helpful with breastfeeding”
- Client

Breastfeeding initiation rate: 4.48%

Average monthly enrollment: 3,617 clients
Average client participation rate: 89.08%

439 Fluoride/oral health assessments

“You guys are great! I am so thankful to have all the help, benefits and support from this program! Great job!”
- Client

$2,187,269.46 WIC food dollars spent in St. Clair County

1,121 Project Fresh coupons distributed
68.9% redemption
2016 spotlight on WOMEN, INFANTS, & CHILDREN

Learn more about WIC here

POP UP FARMERS MARKET OFFERED

WIC collaborated with the Community Foundation of St. Clair County and facilitated a Pop Up Farmers Market in the health department parking lot. WIC clients using the Farmers Market to purchase fresh produce were provided entry into a raffle that had approximately $2,500.00 in prizes gifted through the Community Foundation.

ANNUAL BREASTFEEDING STROLL ANOTHER SUCCESS

The 2nd Annual Breastfeeding Stroll at Desmond Landing proved to be a success. 19 community vendors were on site along with three health department programs. Approximately 75 participants supported and promoted the benefits of breastfeeding.

MCLAREN HOSPITAL COLLABORATION

WIC approached McLaren Port Huron Hospital in order to help new moms and babies enroll in WIC. This partnership allows eligible moms to make their WIC appointment, get answers to their breastfeeding questions and get referrals to the WIC breastfeeding peer counselor all before they leave the hospital.
"Improving lives, one smile at a time"

My Community Dental Center (MCDC) operates the Lonnie J. Stevens Dental Clinic in Port Huron on behalf of the St. Clair County Health Department. MCDC is a non-profit 501(c)3 corporation dedicated to providing dental services to Medicaid enrollees, low-income, uninsured and those with private insurance seeking a dental home. It is our mission to “improve the lives of our patients and enhance community health by setting the highest standard of oral health care”. The care provided is customized to meet the individual needs of each patient and is offered in a patient-centered atmosphere with exceptional customer service. The center utilizes electronic patient records, digital radiography, and state-of-the-art dental equipment.

16,291 office visits

5,712 unique patients

"Everyone was very friendly and punctual. It was a wonderful experience and I am very glad I decided to try this clinic for my dental care. Awesome staff!"

~Client

"They are great! On time! Best dentists I have ever been too!"

~Client