

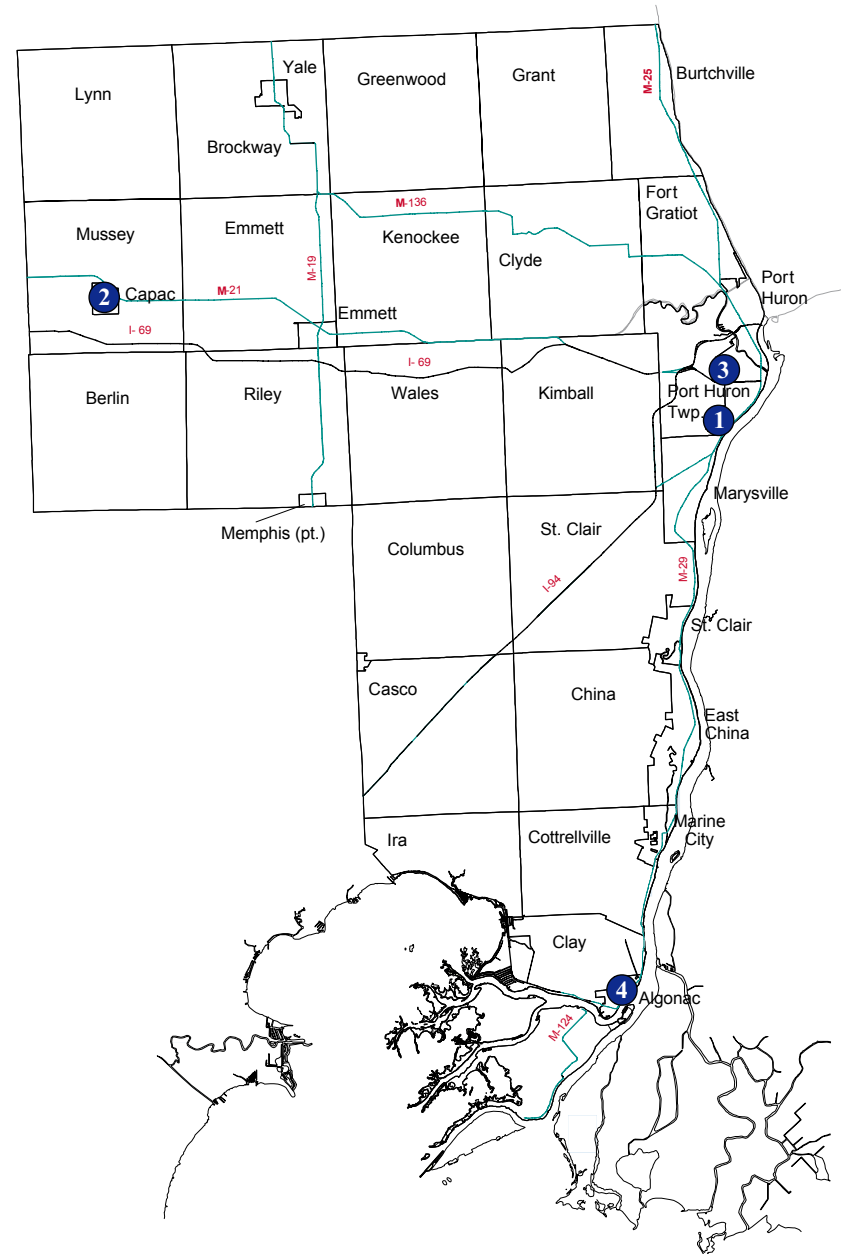
Your Health Protection Team



2007 Annual Report
St. Clair County Health Department

service locations

1. Main Office
3415 28th Street
Port Huron, MI 48060
810.987.5300
2. Capac Office
14960 Park Street
Capac, MI 48014
810.395.4681
3. Teen Health Center
2215 Court Street
Port Huron, MI 48060
810.987.1311
4. Algonac Office
555 St. Clair River Drive
Algonac, MI 48001
810.794.9327



mission statement

To assure the accessibility of appropriate and quality personal, public and environmental health services to St. Clair County residents and their families.

advisory board of health



Front Row (L to R):

Linda Belesky, Marie Muller (secretary), Barbara Britz, William Smiley (vice chairperson)

Back Row (L to R):

Jon Parsons (Health Officer), Pam Wall, Donald Konyha, DVM (chairperson)

September 2008

To Residents of St. Clair County:

On behalf of the St. Clair County Board of Commissioners and the Advisory Board of Health, the St. Clair County Health Department is pleased to present the Annual Report for the year 2007. Described in this report are personal, preventive, emergency preparedness and environmental services provided to the citizens of the county throughout the year.



We acknowledge all the individuals, state and local agencies that collaborated with the department and share in our continued commitment to protect, preserve and improve health and quality of life. We look forward to continued support and leadership of the St. Clair County Board of Commissioners, Advisory Board of Health and County Administration.

Planning and preparation for implementation of health improvement activities characterized 2007. Please review the highlights of 2007 relative to the Health Department's continued efforts to improve program quality and access. Highlights include preparation for a new 8-chair dental clinic, securing a board-certified, full-time Medical Director, and relocation of substance abuse services to Community Mental Health.

Your review of this report is encouraged and the department directors would welcome your comments relative to the programs and outcomes described. We wish you the best of health.

ST. CLAIR COUNTY HEALTH DEPARTMENT

Sincerely,

A handwritten signature in cursive script that reads "Jon B. Parsons".

Jon B. Parsons, MPH
Director, Health Officer

September 2008



As the new Provisional Medical Director of St. Clair County I am eager to be an active participant in the ongoing surveillance and implementation of health care for the community. Several years ago, I began to provide care in the Teen Health Center behind Port Huron High School and found the work both challenging and rewarding. This experience grew into a full-time position here with the opportunity to help guide and implement policies that will improve the health of this community.

With a growing number of uninsured and underinsured, the need for effective diagnostic and therapeutic choices is becoming more urgent. Adjusting our services to meet these needs is an ongoing and immediate concern. Also, community issues tend to surface, such as the recent attempt to discontinue fluoridation of the municipal water supply, and pushing toward a smoke-free restaurant and bar environment. These challenges have strengthened our resolve to maintain the diligence and dedication we have to improve the health and safety of our community.

I'm looking forward to a challenging and productive association with the Health Department to ensure better health and health access for all.

A handwritten signature in cursive script that reads "Annette M. Mercatante".

Annette M. Mercatante, MD
Medical Director

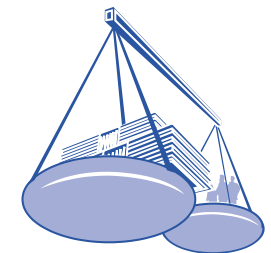
funding sources

Revenue by Category

State Revenue	\$4,041,350	39.71%
County Appropriation	2,435,936	23.94%
Charges for Service	1,322,262	12.99%
Medicaid Full Cost Reimbursement	665,367	6.54%
Federal Vaccine (In-kind)	981,743	9.65%
Licenses and Permits	278,467	2.74%
State Liquor Tax	108,313	1.06%
State Cigarette Tax	55,948	0.55%
Other Grants and Revenues	287,577	2.82%
	\$10,176,963	100.00%

Expenditure by Program

Nursing	\$1,829,470	17.98%
Substance Abuse	1,787,251	17.56%
Environmental Health	1,722,813	16.93%
Immunizations	1,294,541	12.72%
Family Planning	570,367	5.60%
Women, Infants, and Children	531,705	5.22%
Dental	459,998	4.52%
Maternal Infant Health Program	442,607	4.35%
Teen Health Center	362,954	3.57%
Emergency Preparedness	315,180	3.10%
Laboratory	218,842	2.15%
Hearing and Vision	195,974	1.93%
Children's Special Health Care	137,108	1.35%
Outreach	97,393	0.96%
HIV Case Management	93,333	0.92%
Tuberculosis and Communicable Disease	38,713	0.38%
Smoke-free Worksite	25,958	0.26%
Lead Testing	14,796	0.15%
County Prescription Program	10,469	0.10%
Other Programs	27,491	0.25%
	\$10,176,963	100.00%



organizational chart

BOARD OF COMMISSIONERS

ADVISORY BOARD OF HEALTH

SHAUN GRODEN, MPA
COUNTY ADMINISTRATOR

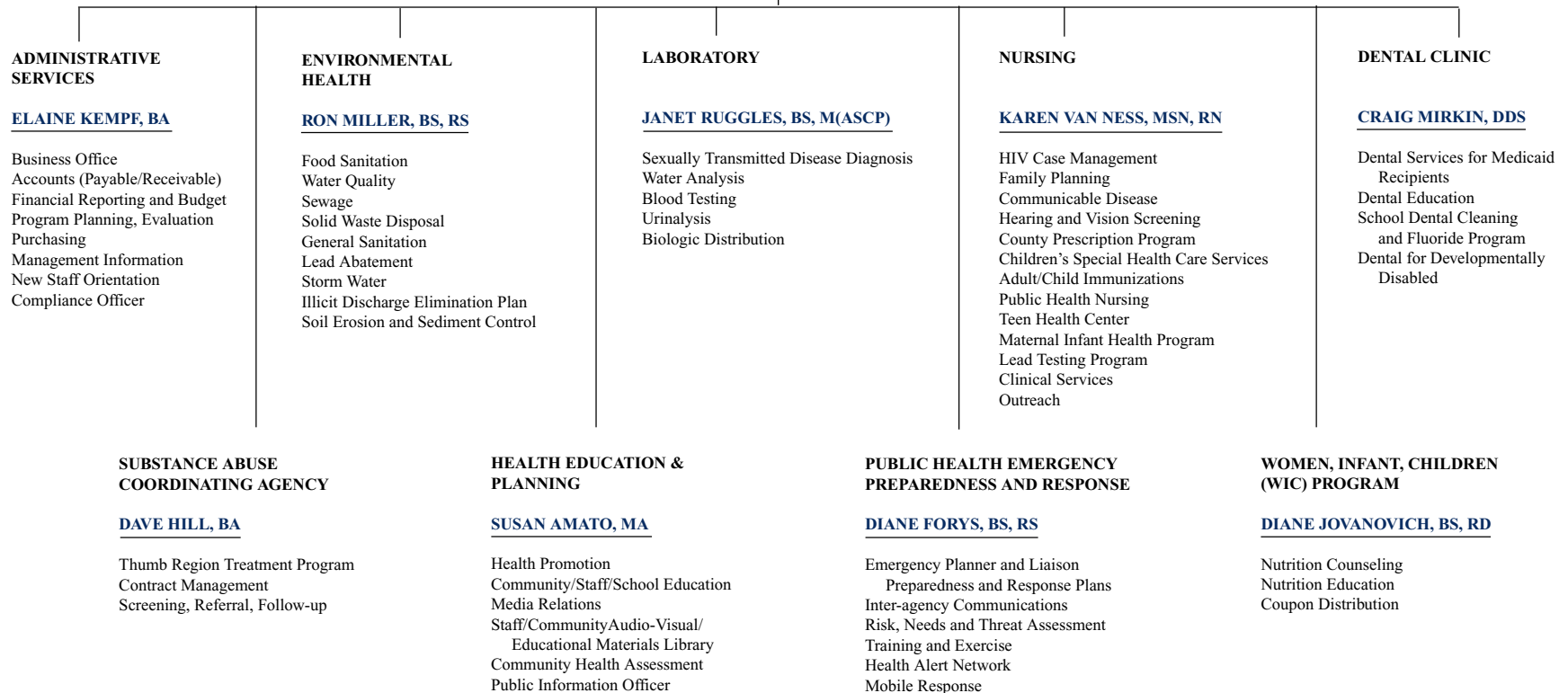
JON B. PARSONS, RS, MPH
DIRECTOR, HEALTH OFFICER

DENNIS A. SMALLWOOD, DO
MEDICAL DIRECTOR

MICHIGAN DEPARTMENT OF COMMUNITY HEALTH

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

MICHIGAN DEPARTMENT OF AGRICULTURE



Revised: December 30, 2007

Underlined names denote division directors

2007 agency highlights

The year 2007 was one of review and evaluation for St. Clair County Health Department staff and its programs. It began with Local Health Department Cycle 3 Accreditation Review by the Michigan Department of Community Health, Michigan Department of Environmental Quality, and Michigan Department of Agriculture. State agency staff met with St. Clair County Health Department program staff and administration to determine our compliance with 163 essential indicators. Following the intensive five-day process reviewers could only find five indicators requiring any correction. Later in 2007, Jean Chabut, MDCH Deputy Director presented Jon Parsons, Health Officer and Director of the Department with the Accreditation Certificate and commended the department for an A+ job of delivering services to our community residents. Speaking at the November 28th Board of Commissioners meeting, Mrs. Chabut also mentioned that St. Clair County Health Department had one of the quickest journeys, from Accreditation Review to Full Accreditation, of any other local health department in the state.



L to R: Elaine Kempf, Health Department Deputy Administrator, Jean Chabut, MDCH Deputy Director, and Jon Parsons, Health Officer, proudly accept a Certificate of Accreditation with Commendation at a Board of Commissioners meeting.

The St. Clair County Board of Commissioners passed a Smoke-Free Worksite Regulation that became effective July 17, 2007.



In April 2007, the Board of Commissioners adopted a county regulation to eliminate smoking in public and private worksites and public places (not including bars and restaurants and bingo halls). This was a positive first step to a smoke-free county. In a related effort, over 70 local restaurants had voluntarily adopted smoke-free dining policies by the end of 2007.

After careful deliberation, Health Department Administration made a difficult decision to close the Yale Office due to that population gaining improved access to private providers. The Health Department continues to maintain branch offices in Capac at 14960 Park Street; the Algonac Branch at 555 St. Clair River Drive; and the Teen Health Center at 2215 Court Street, on the campus of Port Huron High School.

A May 2007 presentation to the St. Clair County Capital Improvement Program Committee detailed existing issues with the Health Department building and resulted in a committee recommendation to the Board of Commissioners to fund a renovation or replacement of the current Health Department building. The CIP committee also recommended a committee be formed to research specific needs, identify future needs, research potential sites, visit other local health departments, and explore opportunities to coordinate operations in a new facility or share space with other agencies delivering similar services to a similar client base.

In September the Thumb Region Substance Abuse Coordinating Agency program staff made a successful transition from Health Department oversight to that of the Community Mental Health Authority. The transition process took several years to complete



L to R: Mike McCartan, St. Clair County CMH Director, Larry Dent, United Way of St. Clair County, Lonnie Stevens, former United Way Director, and Jon Parsons, Health Department Health Officer, break ground for the Community Dental Clinic.

and coordination of all substance abuse services is now handled through the mental health system.

November marked the groundbreaking for the new community dental clinic which opened in the Spring of 2008. The clinic provides dental services for low income, uninsured, underinsured as well as Medicaid children and adults in our county. Collaborating agencies for the clinic include the United Way, VNA, Baker College, Community Mental Health and the Health Department.

On December 31, 2007, Dennis A. Smallwood, DO, who served as the Medical Director for St. Clair County Health Department for so many years, retired to a life of travel and fishing. Staff enjoyed a final roast/tribute to Dr. Smallwood and wished him and his wife, Molly, a wonderful retirement. With Dr. Smallwood's departure, SCCHD staff welcomed Annette Mercatante, MD, as the new Medical Director. Dr. Mercatante has served as physician at the department's Teen Health Center since June 2005.

laboratory

The laboratory serves as support for the various clinics of the Health Department, including the Sexually Transmitted Infection (STI) Clinic, Family Planning Program, Preventive Health Services, Environmental Health and Teen Health Center.

Having an on-site laboratory is a valuable service to the community, as it enables the clinics to have immediate diagnoses for treating their patients. Water sample testing ensures safe water throughout the county. The following is a list of tests performed in the laboratory.

A summer intern prepares water samples for testing in the lab.



Sexually transmitted infections testing includes:

- Neisseria gonorrhoeae
- Trichomonads
- Chlamydia trachomatis
- Bacterial Vaginosis
- Herpes I and II
- Nongonococcal urethritis (NGU)
- Yeast-like fungi

Other laboratory tests include:

- Selected chemistries for intra-department support service
- Pregnancy test (serum)
- Syphilis
- Throat – Strep A
- Urinalysis
- Water testing (wells, pools, spas, beaches and other surface waters)

Specimens sent to other sources through the St. Clair County Health Department Laboratory are:

- Tick identification (Department of Agriculture)
- HIV (Kent County Health Department)
- Hepatitis and other specialized testing (Michigan Department of Community Health, Lansing)

Number of Laboratory Tests Administered

	2007	2006	2005	2004
Sexually Transmitted Infections				
Syphilis nontreponemal test-VDRL	1,070	1,174	1,265	1,220
Serological titers	2	14	8	6
Trichomoniasis	2,084	2,053	1,881	2,069
Mycotic disease	2,125	2,098	2,106	2,081
Chlamydia	1,954	1,834	1,838	1,826
Bacterial vaginosis (formerly Gardnerella)	1,690	1,602	1,569	1,533
Herpes I & II	167	112	134	117
Nongonococcal urethritis (NGU)	434	461	479	512
Gonorrhea				
Positive smear or culture	31	64	72	50
Positive outpatient only	46	86	93	51
Negative smears or cultures	3,834	3,980	3,657	4,020
Other Communicable Disease				
Streptococcal disease	2	5	7	8
Chemistry & Hematology				
Glucose	6	7	14	12
AST (SGOT)	84	155	51	111
CBC ¹				
Urological²				
Specific gravity		8	22	28
pH		8	22	28
Protein		8	22	28
Glucose		8	22	28
Ketone		8	22	28
Occult blood		8	22	28
Microscopic		8	22	28
Serum Pregnancy Test³	31	119	1,488	1,534
Water				
Microbiological	3,494	4,117	4,503	3,921
Referral Specimens	385	587	485	384
(including specimens that may carry the bacteria that cause Lyme disease)				

¹ CBC discontinued as of 3/29/06

² Urine discontinued as of 1/24/06

³ Serum pregnancy testing only. Urine pregnancy testing is now done by STI and family planning nursing staff.



environmental health

The Environmental Health Division continued with the duties of traditional environmental health programs as well as implementation of St. Clair County's Phase II Storm Water Permit during 2007.

The Storm Water Permit requires the implementation of Illicit Discharge Elimination, Public Education, and Watershed Planning Programs. Seven county departments coordinate to meet these federal regulations to improve water quality in our streams, drains, lakes and rivers.



L to R: Sanitarians Kevin McNeill, Scott Barker and Ruth Taylor conduct an inspection for a temporary food service operator.

In 2007 the Environmental Health Division became the County Enforcing Agency for the Soil Erosion and Sedimentation Control, Part 91 of the Natural Resources and Environmental Protection Act, 1994 PA 451 as amended. The county is responsible for administering and enforcing Part 91 within its political boundaries. The Soil Erosion and Sedimentation Control Program was transferred, with approval from the St.

Clair County Board of Commissioners, from the Public Works Department to the Environmental Health Division in August of 2007.

As part of the transfer, 577 permits, equipment, software, files and money were turned over to the Health Department. Part 91 requires that each individual responsible for administering and enforcing the rules of Part 91 must be trained and certified by passing the Soil Erosion and Sedimentation Control exam given by the Department of Environmental Quality. Eight sanitarians were trained, passed the exam and were certified in July of 2007.



A summer intern samples water for the Illicit Discharge Elimination Program (IDEP).

Sediment is the product of uncontrolled erosion and is the greatest pollutant by volume entering our rivers and streams every year. Erosion and sedimentation result in the loss of fertile topsoil, increased flooding, destruction of aquatic habitats, filling of lakes and rivers, and structural damage to buildings and roads.

A Soil Erosion and Sedimentation Control Permit is necessary for an earth change which disturbs one or more acres of land or occurs within 500 feet of a lake, river, stream, drain or other body of water.

Numbers of Environmental Activities Recorded

	2007	2006	2005	2004
Restaurant inspections	1,490	1,233	1,201	1,270
Restaurant plan reviews	38	36	28	31
Temporary food licenses issued	228	234	213	264
MI Department Consumer & Industry Services	60	52	75	78
Sewage disposal inspections	811	1,165	1,595	1,555
Sewage disposal permits	302	383	594	757
Sewage disposal parcels evaluated	302	400	604	797
IDEP (Illicit Discharge Elimination Program):				
Total outfalls surveyed	47	492	1,904	223*
Total miles surveyed	645	377	774	267
Total corrections	85	103	57	78
Bacterial water testing:				
Wells and pools	2,032	1,959	2,096	1,718
Surface water	1,210	2,158	2,407	1,277
Water well permits	230	299	406	530
Water well site evaluations	230	299	406	530
Non-community water supplies (monitored quarterly)	100	100	100	100
Operations/Maintenance (evaluations of sewage system)	129	118	124	155
Campground inspections	12	12	12	9
Swimming pool inspections	103	119	119	118
General written complaints	125	96	87	129
Lead clearance projects	44	54	36	38
Lead inspections	42	81	73	63
Radon test kits sold	86	117	55	59
Storm water outreach activities	114			
People participating in storm water activities	6,729			

*Contracted program activity was completed 4/04. Activity resumed with new contract in 2005.



dental clinic

Complete dental services to Medicaid, MICHild and Healthy Kids (Delta Dental) eligible children are provided through the Health Department's dental clinic.

Examinations, cleaning, x-rays, fillings, extractions, and oral hygiene instruction are examples of services available through the clinic, located at the main office of the Health Department.

Year	Visits
2007	4,118
2006	4,235
2005	4,086
2004	3,937

Linda Tallant, Dental Assistant, (left), and Craig Mirkin, DDS, (right) perform tasks on a dental clinic patient.



fluoride program

The Dental Cleaning and Fluoride Program provided teeth cleaning and fluoride applications for school children throughout St. Clair County during the 2007-2008 school year. Michelle Higgins, Registered Dental Hygienist, and Karen Schumann, Dental Assistant, traveled to 29 public and private elementary and middle schools to provide this service.

Cost is based on a sliding fee scale and the program accepts Medicaid, MICHild and Healthy Kids insurance.

School Year	Treated	Referred
Sept 2007 – May 2008	441	182
Sept 2006 – May 2007	372	234
Sept 2005 – May 2006	472	330
Sept 2004 – May 2005	561	371

nursing division highlights

Several new vaccine administration changes were introduced to benefit the public in 2007: Human Papillomavirus (HPV) vaccine, the first vaccine licensed for the prevention of cervical cancer for females 9-26 years of age, and Zoster vaccine for the prevention of shingles in adults 60 years of age and older.

St. Clair County Health Department Nursing Division strives for a healthier community through awareness, education, compassion and trust.

Pneumococcal conjugate vaccine (Prevnar) became a required vaccine for daycare entry. Varicella (chickenpox) vaccine became a recommended two dose series for all susceptible individuals 12 months of age and older. These and other updates are communicated to private providers through the Blue Water Current, the Health Department's provider newsletter sent out several times a year.

Lead testing is available for high-risk children ages 12 months and 24 months or 36-72 months if not previously tested.



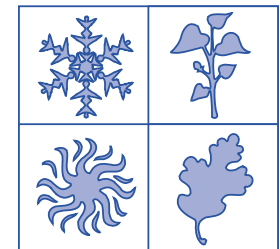
Nursing Division provides a hands-on activity for the Fall Fest Block Party.

This was the second year for the Plan First! Program, a state sponsored health insurance that provides family planning services to income eligible women 19 through 44 years of age. In 2007, 639 women took advantage of this insurance.

In addition to the personal health services reported by Nursing Division programs, division staff participated in numerous community events (listed on the following page). These community events provided opportunities for staff to promote state health insurances (Healthy Kids and MICHild), Health Department personal health services, and assist the Health Education Division with health promotion activities.

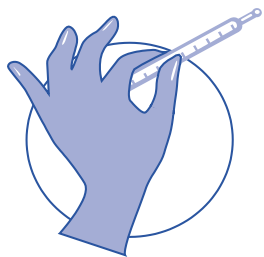
2007 Nursing Division Community Events

Event	Number of Attendees
<i>Winter</i>	
Immunization Presentation, St. Clair County Community College Nursing Students	100
Gonorrhea Presentation, Blue Water Infection Control	6
Youth to Youth Fair, St. Clair County Community College	80
Clinic Services Presentation, Children's Health Care	9
Head Lice Presentation, PHASD Elementary Principals	11
17th Annual Port Huron Hospital Baby Shower	114
East China Kindergarten Round-Up	234
Head Lice Presentation, PHASD Middle School	11
Fun and Fitness Fair, Port Huron Hospital	158
<i>Spring</i>	
Mercy Insurance Symposium	85
SCCHD Clinic Services, St. Clair County Community College Health Fair	104
National Infant Immunization Week	62
Parent University, Capac High School	56
Memphis Elementary Kindergarten Round-Up	61
Garfield Elementary Young Fours Round-Up	180
Going Hog Wild for Health and Harley	75
<i>Summer</i>	
Lead Clinic with Health Plan of Michigan	20
National Night Out – Town North	500
World Breastfeeding Celebration	21
Car Seat Safety Checks	23
Teen Scene, Birchwood Mall	Not available
Health Fair, Lakeport Wesleyan Church	55
Head Start Health Fair	61
<i>Fall</i>	
Let's Just Play Day, Crull School	120
St. Clair County Caregiver Fair, Thomas Edison Inn	240
Bridge Builders, 2nd Annual Fall Fest Block Party	3,000
Community Health Fair, Emmett	75
Senior Power Day, Council on Aging	282
Community Resource Fair, Salvation Army	650
MRSA Education, Adult Foster Cares, Group Homes and Assisted Living Facilities	180
Smoking Cessation	



Numbers of Nursing Activities Recorded

	2007	2006	2005	2004
Childhood Lead Poisoning Protection Program	324	324	544	48
Children's Special Health Care Services	572	551	546	554
Maternal Infant Health Program				
Maternal clients	498	481	484	480
Infants	334	294	259	194
Outreach Program	1,118	1,204	1,183	846
MiChild/Healthy Kids appointments	699	835	690	726
Tuberculosis				
Active TB	0	1	1	1
Resistant MDR-TB	0	0	0	0
Non-infectious treated	18	14	21	15
TB skin tests	705	600	668	793
HIV counseling and testing	398	530	521	527
HIV case management	50	45	41	38
Immunizations				
Child flu	605	540	305	224
Adult flu	503	490	735	1,006
Other adult immunizations	1,524	1,605	1,616	1,728
Other child immunizations	5,445	4,569	4,998	7,146
Sexually transmitted infection				
Testing and treatment	1,800	2,088	1,930	1,968
Family planning	2,444	2,455	2,618	2,699
Community health nursing				
Public health visits	3,052	3,044	2,386	1,829
Vision and hearing screening				
Pre-school vision	2,195	3,033	2,318	2,187
0-3 year olds vision	1	49	156	164
Pre-school hearing	2,135	2,186	2,293	2,210
0-3 year olds hearing	6	50	272	168
School vision	10,114	6,033	8,427	12,214
School hearing	6,853	5,750	6,945	7,976
Total screened	21,304	16,272	20,099	24,919
Head lice screening	29	14	52	48



teen health center

The Teen Health Center (THC) is the Health Department's state funded adolescent health program for teens ages 10-21 located directly behind Port Huron High School. THC provides teen physical and behavioral health services as well as education and referral in a youth-friendly environment.

The Center is staffed by a physician, nurses and clerical staff and is open year round, Monday through Friday. This year late hours were added on the first and third Monday of each month from 10 a.m. to 6:30 p.m. Insurances are accepted and fees for those without health insurance are affordable, based on family size and income. THC offers the state health insurance programs to all adolescents without health insurance coverage. Service is not denied because of inability to pay.

Dr. Annette Mercatante prepares to see a patient at the Teen Health Center.



The Teen Health Center team provides services for St. Clair County youth ages 10 – 21.

Asthma, a common and potentially life-threatening condition, is an important focus area for THC. All adolescents receiving a physical are evaluated for asthma. The “Power Breathers Program,” an evidenced based program approved by the Asthma and Allergy Foundation of America, is used to develop individualized Asthma Action Plans. The action plan is shared with educational, parental and other medical providers to provide guidelines for the teen regarding medications, treatments and important emergency actions. This program helps adolescents problem solve, exercise independence and effectively take control of their asthma.

In 2007, THC provided service to 1,356 clients during 2,841 visits. Assessment of adolescent health issues, behaviors and risk factors led to the following services or referrals:

492	physicals
579	immunizations
1,475	general medical visits
344	mental health visits
623	STD diagnoses & treatments
435	family planning referrals
69	substance abuse services

Communicable Diseases Reported in St. Clair County

Communicable Disease	2007	2006	2005	2004
Campylobacter	5	11	5	19
Cryptosporidium	8	6	6	2
E. Coli	1	1	1	1
Giardia	3	9	13	8
Guillian Barre	1	0	1	0
Hepatitis A	5	3	3	0
Hepatitis B (acute)	5	4	5	1
Hepatitis C (acute)	5	0	1	2
Hepatitis C (chronic)	126	128	77	83
Flu-like disease	6,274	6,459	6,702	5,321
Kawasaki	1	0	1	1
Histoplasmosis	0	1	0	0
Legionella	6	0	4	2
Listeriosis	0	0	1	0
Lyme disease	4	1	1	0
Meningococcal disease	0	0	0	1
Meningitis bacterial	1	3	2	1
Meningitis viral	9	13	17	14
Pertussis	1	2	3	2
Varicella	56	54	92	73
Salmonella	16	15	16	22
Shigella	1	0	2	0
Streptococcus Pneumonia invasive	2	3	0	2
Tetanus	0	0	0	0
Toxic Shock Syndrome	1	0	1	0
West Nile Virus	1	0	2	0
Yersinia	0	0	0	3
TOTAL	6,532	6,713	6,956	5,558



health education

Health Education had a busy year in 2007. With a staff of just two, the dynamic duo provided 147 presentations and reached over 5,400 county residents. Reproductive health education was provided for most school districts in St. Clair County. Educational presentations were also provided in venues ranging from the county jail, to rehabilitation centers, to the local mall and daycare centers. Presentations focused on promoting healthy lifestyles, reducing risk and preventing communicable diseases. Hot topics in 2007 included MRSA and West Nile Virus.

On July 17, 2007, Health Education, in cooperation with Substance Abuse Prevention Services, took on the exciting role of enforcing the new St. Clair County Smoke-free Worksite Regulation. This regulation, adopted by the Board of Commissioners, prohibits smoking in all county worksites excluding restaurants and bars. Health Education staff is responsible for answering questions, providing community education, processing complaints, as well as follow-up and enforcement if necessary. In addition, the St Clair County Smoke-free Team continues to support all smoke-free eateries by publishing them in our Smoke-free Dining Guide and also on the Health Department website. To date, St. Clair County offers smoke-free dining at over 75 establishments.

The Healthy Communities Coalition, a workgroup of St. Clair County Community Services Coordinating Body, continued its work to encourage county residents to move more, eat better and avoid tobacco. Projects included participation in “Let’s Just Play Day” at Crull/McKinley Elementary School in Port Huron where students and staff were offered healthy activities focusing on healthy lifestyles.

Health Education staff and Partners at Heart joined forces to offer free, monthly blood pressure and body mass index screenings as well as fun health promotion activities at the Birchwood Mall in Fort Gratiot. The goal of the program is to target mall walkers, senior citizens and families who strive to increase their quality of life and join forces in the fight against obesity.

A young “Fit Stop” participant shows his muscles at the “Healthy You” event at Birchwood Mall.



One of the most requested activities in Health Education included providing “Fit Stop” stations for youth throughout St. Clair County. They consist of anywhere from 4-6 stations and continue to be a crowd favorite.

Health Education continues to work with community partners to help keep residents healthy and safe. Projects included: helmet safety education and activities, Parent University, Relay for Life and planning for the 2008 “Safety Train.”

WIC (women, infants & children)

In 2007, the WIC program provided for the purchase of over \$2,498,936 worth of nutritious food and dairy products by the St. Clair County WIC program enrollees. This equates to 236,000 coupons issued per year. There were also 5,875 coupon pick-up visits.

Year	Visits
2007	14,303
2006	14,712
2005	14,623
2004	14,787

From January through December of 2007, there was an average monthly enrollment of 4,160 clients. Nearly 1,000 infants and 2,300 children participated in the WIC program. There were 144 individual registered dietitian appointments for nutrition counseling and 1,041 attended nutrition education classes. The St. Clair County WIC staff also made it possible to exceed MDCH-WIC 97% caseload performance requirement. Average monthly close-out participation was 102% of the base caseload.



WIC staff offers nutrition counseling and education as well as food coupons to low/moderate income pregnant and nursing women, infants and children under 5 who have a medical or nutritional need.

Coordination of WIC and Maternal Infant Health Program services resulted in 283 pregnant women being enrolled in both programs during one appointment and 539 home visits that included WIC services. In addition, 438 children received immunizations and 214 children received blood lead testing all during their WIC visits.

Community breastfeeding advocates celebrate World Breastfeeding Month in August.



Year 2007 Collaborative Efforts

- MSU Cooperative Extension Services Breastfeeding Initiative Program: Peer counselor provided 144 nutrition classes; enrolled 60 women; provided 305 direct contacts and had 220 women who attended breastfeeding classes.
- Nutrition Education on the Internet (www.wichealth.org) has expanded to 12 topics including: "Secrets for Feeding Picky Eaters," "Making Meals & Snacks Simple," "Steps to a Healthier Family" and "Support for Breastfeeding Moms."
- Provided an internship for a St. Clair County high school TEC student enrolled in their Health Careers Academy.

public health emergency preparedness and response division

The mission of the Emergency Preparedness and Response Division is to develop protocols, resources and provide training in the event of a public health emergency. The intent is to assure rapid and efficient public health response to threats to community health and safety.

Other division activities entail the building of specialized response networks, enhanced disease alerts/communications, and serving as liaison to first and emergency response partners.

*Public Health
Emergency Preparedness
Coordinator
Diane Forsys does an
interview with
Channel 4 news
regarding a
food recall.*



Activities in support of this mission include:

- Collaboration with community agencies to assure coordination of emergency management activities.
- Local administration of the “Health Alert Network” and “Michigan Disease Surveillance Systems.”
- Provisions for mass distribution of medical and pharmaceutical supplies.
- Active participation in local, regional, state and federal level exercises for public health emergencies.
- Identification and assessment of training needs.
- Development and training of “Public Health Emergency Response Teams.”



Public Health Emergency Preparedness Division Highlights

Drills, Exercises and Response

JAB-EX '07 Full Scale Exercise
Southeastern Michigan Public Health Communications Drills
Michigan Health Alert Network Drills
St. Clair County Health Department Mass Vaccination Clinic Exercise
US Coast Guard/SE Michigan Preparedness Tabletop Exercise
US Border Patrol Tabletop Exercise
Region 2 North Tabletop Exercise

Presentations, Events, and Mailings to Community Partners

Blue Water Infection Control Network
Mueller Brass
St. Clair County Head Start Program
RESA, School Administrators and Superintendents, PHASD
CDC Detroit Quarantine Station and Customs and Border Patrol
Veterinarians, Clinics, and Kennels
Home Health Care Agencies
SC4 and Baker College
St. Clair County Sheriffs Department
St. Clair County Transitional Academy
Hospitals and EMS

Participation in Committees and Boards

Great Lakes Border Health Initiative
UASI Region 2 Training Subcommittee
SE Michigan Public Health "Cities Readiness Initiative"
Region 2 North Planning and Advisory Boards
St. Clair County Health/Medical Emergency Planning Subcommittee
St. Clair County Homeland Security Advisory Board
SCC Animal Disaster Planning Subcommittee
Region 2 North Emergency Preparedness Coordinators

Specialized Training for the Public Health Emergency Coordinator and Health Department Staff:

COOP "Continuity of Operations" for Public Health Agencies
FEMA Courses IS 100, IS 200, IS 700, IS 800

Specialized Training for the Public Health Emergency Coordinator and Health Department Staff: (continued)

Partnerships in Preparedness: Mass Fatality and Special Needs Populations
Strategic National Stockpile for Administrative Staff
Public Health Emergency Planning and Response Sessions I, II, III, IV
MDCH/OPHP "When Chemical Agents Go Astray"
DHS/LSU "Emergency Response to Domestic Biological Incidents"
MSP Great Lakes Homeland Security Training Conference
SE Michigan Public Health Pandemic Preparedness Conference
SE Michigan Health Association "Alliance of Emergency Response"
MDA "Foreign Animal Disease" Course

Thumb Region Substance Abuse Services Coordinating Agency (TRSASCA)

The mission of TRSASCA is to develop a continuum of substance abuse treatment and prevention services and to improve the delivery system's accountability, efficiency, and access for the residents of Lapeer, Sanilac and St. Clair Counties.

TRSASCA is responsible for contract management, monitoring, quality assurance, technical assistance and data management of all publicly funded treatment and prevention services in the Thumb Region.

TRSASCA accomplishes these responsibilities through contracts with state licensed and nationally accredited substance abuse treatment and prevention service providers.

community health status

Age-Adjusted Death Rates* for the Ten Leading Causes of Death in St. Clair County and Michigan, 2006

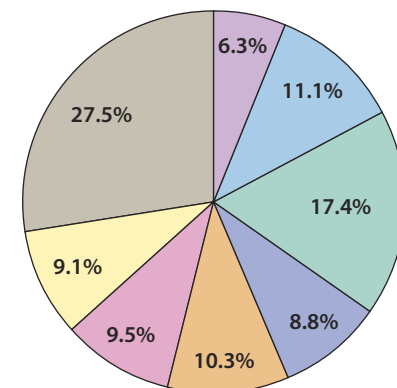
Cause of Death	St. Clair County	Michigan
	Rate	Rate
Heart Disease	254.1	226.7
Cancer	205.9	190.8
Chronic Lower Respiratory Disease	43.2	42.9
Diabetes Mellitus	40.5	26.7
Stroke	37.1	44.7
Unintentional Injuries	27.7	34.5
Alzheimer's Disease	**	21.7
Pneumonia/Influenza	21.2	15.7
Kidney Disease	13.3	15.0
Intentional Self-Harm (Suicide)	12.4	11.0
All Other Causes	147.4	183.0
Total	812.0	812.8

*Age-adjusted death rates are based on age-specific death rate per 100,000 population in specified group. **rate not calculated

Source: Michigan Department of Community Health.

- The 2006 age-adjusted death rate of 812.0 for St. Clair County residents was comparable to the State rate of 812.8 per 100,000 population. The age-adjusted death rate for heart disease in St. Clair County decreased slightly in 2006 to 254.1 from a rate of 257.8 in 2005, and exceeded the State rate in 2006 of 226.7 per 100,000 population.
- St. Clair County residents also recorded a death rate higher than the State for cancer, chronic lower respiratory disease, diabetes mellitus, pneumonia/influenza, and intentional self-harm (suicide).

Hospitalized Residents of St. Clair County by Major Diagnostic Category, 2006

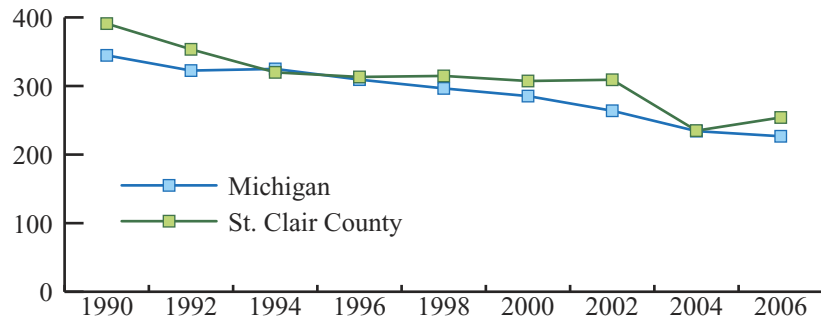


- Diseases or Disorders of the Nervous System
- Diseases or Disorders of the Respiratory System
- Diseases or Disorders of the Circulatory System
- Diseases or Disorders of the Digestive System
- Diseases or Disorders of the Musculoskeletal System Connective Tissue
- Pregnancy, Childbirth & the Puerperium
- Newborns and Other Neonates with Conditions Originating in Perinatal Period
- Other Major Diagnostic Categories

Source: MDCH, Michigan Inpatient Data Base.

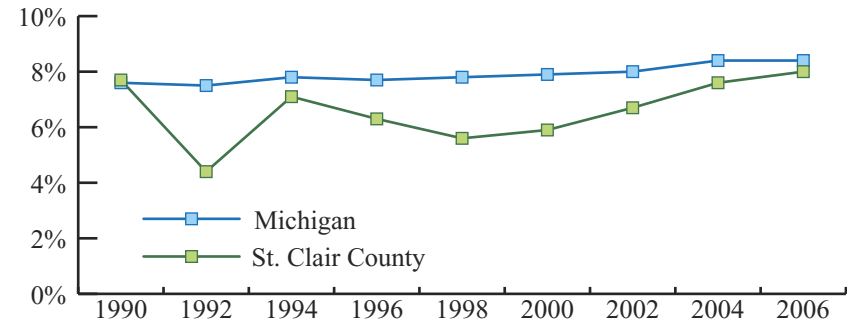
- Diseases of the Circulatory System (17.4%), Respiratory System (11.1%) and Musculoskeletal System Connective Tissue (10.3%) are the leading causes of hospitalizations for residents of St. Clair County.

Heart Disease Age-adjusted Death Rates per 100,000 Population, 1990-2006



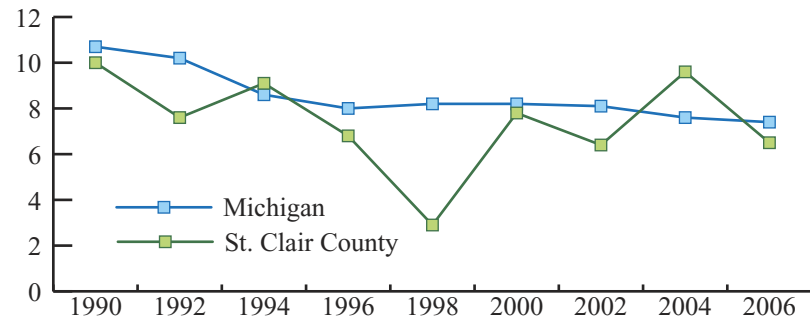
- The age-adjusted death rates for heart disease in St. Clair County have been decreasing yet remain above the statewide rate.

Percentage of Low Birthweight Live Births per 1,000 Births, 1990-2006



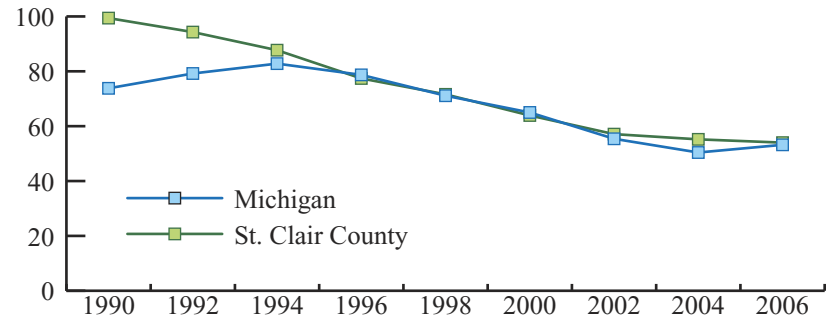
- Low birthweight births in St. Clair County have been lower than the statewide rate since 1990. However, they have been increasing since 1998.

Infant Death Rate per 1,000 Births, 1990-2006



- The infant death rates since 1990 exhibit a downward trend and have generally been at or below the statewide level.

Estimated Teenage Pregnancy Rates per 1,000 Age & Sex Specific Population, 1990-2006



- Estimated teenage pregnancy rates have steadily decreased in St. Clair County since 1990.

Source: Michigan Department of Community Health.

community health status

Ten Leading Causes of Ambulatory Care Sensitive Hospitalizations For Patients of All Ages, St. Clair County Residents, Michigan 2006

Condition	Number	Percent	St. Clair	
			County Ranking	Michigan Ranking
Bacterial Pneumonia	799	18.4	1	2
Congestive Heart Failure	731	16.8	2	1
Chronic Obstructive Pulmonary Disease	468	10.8	3	3
Asthma	273	6.3	4	4
Cellulitis	244	5.6	5	6
Kidney/Urinary Infections	238	5.5	6	5
Diabetes	208	4.8	7	7
Dehydration	128	2.9	8	8
Gastroenteritis	117	2.7	9	10
Convulsions	115	2.6	10	9
All Others	1,034	23.7		
Total	4,355	100.0		

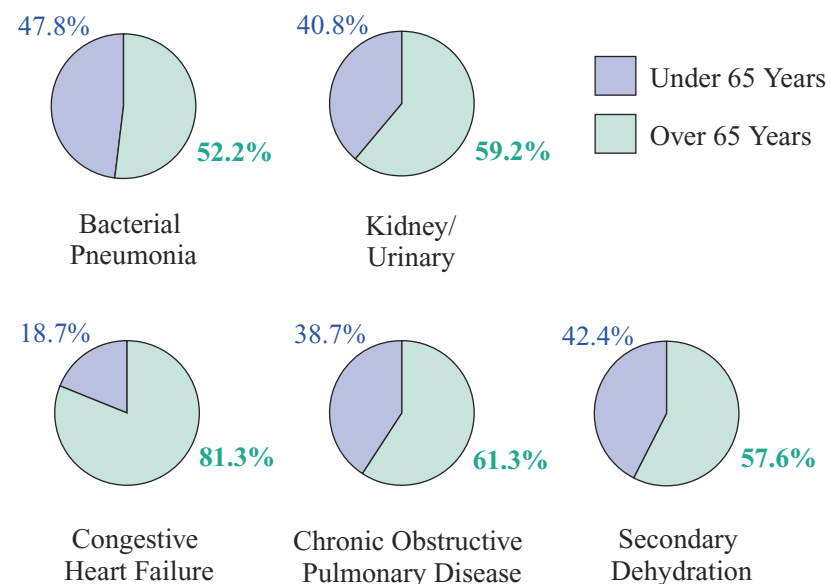
Notes: Ambulatory Care Sensitive Hospitalizations are hospitalizations for conditions where timely and effective ambulatory care can decrease hospitalizations by preventing the onset of an illness or condition, controlling an acute episode of an illness or managing a chronic disease or condition. Hospitalizations are inpatient hospital stays as measured by stays that were completed during the specified year.

Source: Michigan Department of Community Health

- Nearly one out of five hospital episodes for the residents of St. Clair County may have been prevented with more timely and effective ambulatory care.

- Treatment of bacterial pneumonia, congestive heart failure, chronic obstructive pulmonary disease, and asthma accounted for over 52% of all preventable hospitalizations in 2006.
- The percentage of preventable hospitalizations has remained steady for the past decade, ranging between 18.5% and 20.8% of all hospitalizations.
- Persons age 65+ are more likely to experience ACS hospitalizations for the following conditions.

Ambulatory Care Sensitive Hospitalizations in St. Clair County, for Residents Under and Over 65 Years of Age, 2006



Source: Michigan Department of Community Health

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