

St. Clair County Health Department

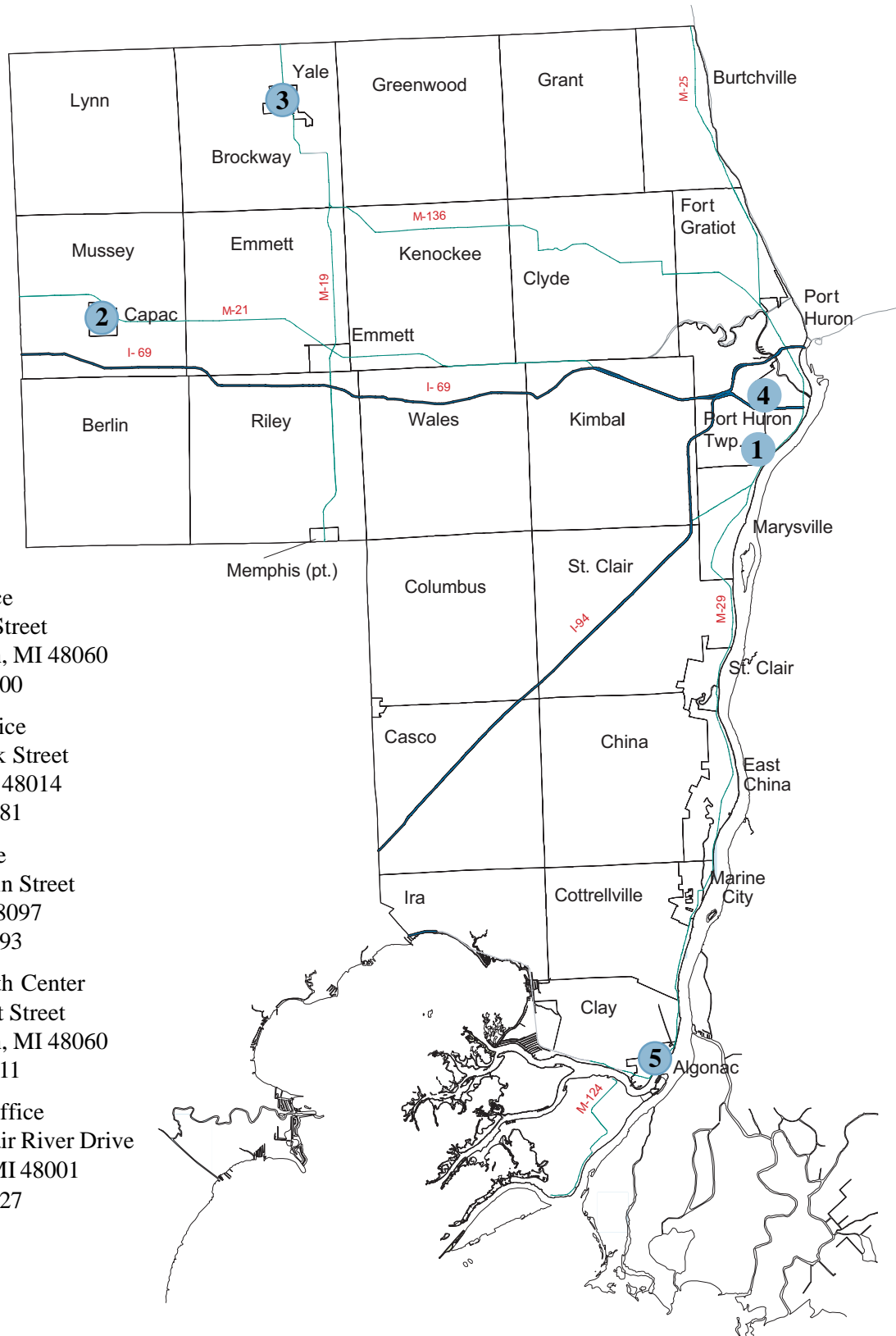
2006

ANNUAL
REPORT

A photograph of a man and a child sitting at a wooden picnic table on a grassy bank. The man is on the left, wearing a light-colored shirt and a cap, looking towards the water. The child is on the right, holding a fishing rod. The water is a deep blue with many white reflections from the sun. The sky is a clear, pale blue. The overall scene is peaceful and suggests a healthy outdoor activity.

Protecting *your* health

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.** Yale Office
140 S. Main Street
Yale, MI 48097
810.387.3293
- 4.** Teen Health Center
2215 Court Street
Port Huron, MI 48060
810.987.1311
- 5.** 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-R:
Linda Belesky, Marie Muller (secretary), Barbara Britz, William Smiley (vice chairperson)

Back Row L-R:
Jon Parsons (Health Officer), Pam Wall, Donald Konyha, D.V.M. (chairperson)

September 2007

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 2006. Described in this report are personal, preventive, emergency preparedness and environmental services provided to the citizens of the county throughout the year.



Jon B. Parsons, M.P.H.
Director, Health Officer

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.

Your review of this report is encouraged and the department director would welcome your comments relative to the programs and outcomes described.

Wishing you the best of health.

Sincerely,

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

ST. CLAIR COUNTY HEALTH DEPARTMENT

September 2007

The challenges for local public health departments continue to grow and expand. New vaccines, emerging diseases, emergency preparedness and the constant environmental (food, water and waste) monitoring keep our staff in perpetual adjustment. Meanwhile our core programs continue as, for instance, the department immunized over 4,000 infants and children last year and the Women, Infants and Children Nutritional Program saw over 14,000 clients. Please take a moment to review some of the information and statistics that are contained in this report to familiarize yourself with the many services and programs the health department provides to our community.



Dennis A. Smallwood, D.O.
Medical Director
St. Clair County Health
Department

funding sources

<u>Source</u>	<u>Amount</u>	<u>Percent</u>
State Grants	\$3,772,340	37.88%
County Appropriations	\$2,161,091	21.70%
Charges for Services	\$1,249,067	12.54%
Medicaid Full Cost Reimbursement	\$1,171,689	11.76%
Federal Vaccine (In-kind)	\$587,358	5.90%
State Liquor Tax	\$364,824	3.66%
Licenses & Permits	\$302,664	3.04%
State Cigarette Tax	\$68,470	0.69%
Other Grants & Revenues	<u>\$281,692</u>	<u>2.83%</u>
	\$9,959,195	100.00%



expenditures

<u>Program</u>	<u>Amount</u>	<u>Percent</u>
Substance Abuse	\$2,245,653	22.55%
Nursing	\$2,031,795	20.40%
Environmental Health	\$1,399,234	14.05%
Environmental Health Projects	\$562,326	5.65%
Women, Infants, & Children	\$493,384	4.95%
Dental	\$486,442	4.88%
Family Planning	\$472,980	4.75%
Maternal Infant Health Program	\$424,030	4.26%
Emergency Preparedness	\$352,472	3.54%
Teen Health Center	\$316,054	3.17%
Laboratory	\$257,640	2.59%
Hearing & Vision	\$212,834	2.14%
Immunizations	\$164,932	1.66%
Children's Special Health Care	\$111,302	1.12%
HIV Case Management	\$106,634	1.07%
Outreach	\$79,351	0.80%
Tuberculosis & Communicable Disease	\$40,435	0.41%
County Prescription Program	\$17,630	0.18%
Lead Testing	\$17,329	0.17%
Other Programs	<u>\$166,738</u>	<u>1.66%</u>
	\$9,959,195	100.00%



st. clair county health department organizational chart

ST. CLAIR COUNTY HEALTH DEPARTMENT ORGANIZATIONAL CHART

BOARD OF COMMISSIONERS

ADVISORY BOARD OF HEALTH

SHAUN GRODEN, M.P.A.
COUNTY ADMINISTRATOR

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

DENNIS A. SMALLWOOD, DO
MEDICAL DIRECTOR

<p>ADMINISTRATIVE SERVICES</p> <p><u>ELAINE KEMPE, BA</u></p> <p>Business Office Accounts (Payable/Receivable) Financial Reporting and Budget Program Planning, Evaluation Purchasing Management Information New Staff Orientation Compliance Officer</p>	<p>ENVIRONMENTAL HEALTH</p> <p><u>RON MILLER, BS, RS</u></p> <p>Food Sanitation Water Quality Sewage Solid Waste Disposal General Sanitation Lead Abatement Storm Water Illicit Discharge Elimination Plan</p>	<p>LABORATORY</p> <p><u>JANET RUGGLES, BS, M(ASCP)</u></p> <p>Sexually Transmitted Disease Diagnosis Water Analysis Blood Testing Urinalysis Biologic Distribution</p>	<p>NURSING</p> <p><u>KAREN VAN NESS, BSN, MSN</u></p> <p>HIV Case Management Family Planning Communicable Disease Hearing and Vision Screening County Prescription Program Children's Special Health Care Services Adult/Child Immunizations Public Health Nursing Teen Health Center Maternal/Infant Health Lead Testing Program Clinic Services Outreach</p>	<p>DENTAL CLINIC</p> <p><u>CRAIG MIRKIN, DDS</u></p> <p>Dental Services for Medicaid Recipients Dental Education School Dental Cleaning and Fluoride Program Dental for Developmentally Disabled</p>
<p>SUBSTANCE ABUSE CO-ORDINATING AGENCY</p> <p><u>DAVE HILL, BA</u></p> <p>Thumb Region Treatment Program Contract Management Screening, Referral, Follow-up</p>	<p>HEALTH EDUCATION AND PLANNING</p> <p><u>SUSAN AMATO, MA</u></p> <p>Health Promotion Community/Staff/School Education Media Relations Staff/Community Audio-Visual/Educational Materials Library Community Health Assessment Public Information Officer</p>	<p>PUBLIC HEALTH EMERGENCY PREPAREDNESS AND RESPONSE</p> <p><u>DIANE FORYS, BS, RS</u></p> <p>Emergency Planner & Liaison Response Training Preparedness and Response Plans Inter-Agency Communication Risk and Needs Assessment Training and Exercise Health Alert Network Mobile Response</p>	<p>WOMEN, INFANT, CHILDREN (WIC) PROGRAM</p> <p><u>DIANE JOVANOVICH, BS, RD</u></p> <p>Nutrition Counseling Nutrition Education Coupon Distribution</p>	
<p>STATE PARTNERS: MICHIGAN DEPARTMENT OF COMMUNITY HEALTH MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY MICHIGAN DEPARTMENT OF AGRICULTURE</p>				

2006 agency highlights

Based on data collected during the St. Clair County Behavioral Risk Factor Survey in 2005, planning and implementation of health improvement activities continued throughout 2006. County residents were encouraged to eat better, move more and avoid tobacco through efforts to create environments to support positive behavior change.

Continuation of the smoke-free dining project and several initiatives at Cleveland Elementary School to support better eating and more physical activity among students, staff and parents are examples of health improvement initiatives carried out during 2006.

Both the St. Clair County Board of Health and the Board of Commissioners gave their support to the Health Department in applying for a Michigan



Cleveland Elementary School Principal Mary Jo Smith participates in "Michigan Farm Fresh Day" with her students and members of the Healthy Community Coalition.



Casey Harris, owner of Casey's Pizza and Sub Shop, celebrates adoption of a smoke-free policy with members of the St. Clair County Smoke-free Team.

Department of Community Health grant to develop a local smoke-free workplace regulation. Port Huron Hospital, Mercy Hospital and St. John's River District hospitals showed their support as they moved toward establishing a smoke-free hospital campus policy.

The foundation was also laid for the St. Clair County Health Access Plan to provide basic health insurance to uninsured adults in St. Clair County. Once a community focused Board of Directors was formed, they immediately began work to establish Articles of Incorporation and Bylaws necessary for plan implementation. In the midst of this preparation, the Board received

word that matching dollars for this initiative may be impacted by new CMS federal regulations. Once the impact of the regulation is determined, work on the project may continue.

Planning for a new Dental Clinic to serve uninsured and Medicaid population in St. Clair County also began in earnest in 2006. A coordinated community effort championed by the United Way's Lonnie Stevens and with support from Southeastern Michigan Community Foundation – The Stebbins Family Fund, the St. Clair County Health Department, Visiting Nurses Association, St. Clair County Community Mental Health, Baker College, Port Huron Hospital, Mercy Hospital, and Michigan Community Dental Clinics began to take shape. The new clinic is to be operational in 2008 and will provide improved access to dental care for 8,000 patients per year.



Shaun Groden, County Administrator, (left) Jon Parsons, Health Officer, (center) and Mike Latuszek, Planner II, (right) work together in the EOC during Vigilant Guardian emergency preparedness exercises.

Health Department staff had two opportunities in 2006 to hone their skills in preparing for emergency response situations. Ardent Sentry and Vigilant Guardian Exercises gave staff and other local emergency responders as well as state and regional response agencies mock scenarios in which to practice and evaluate response techniques.

laboratory

The tests as listed below are accomplished through the various clinics of the health department — STD Clinic, Family Planning Clinic, Preventive Health Services, Environmental Health, Teen Health Center, and Algonac Office.

The laboratory dispenses vaccines in St. Clair County through private providers and through the health department intra-department immunization program.

Sexually transmitted infections testing includes:

- ◆ Neisseria gonorrhoea
- ◆ Trichomonads
- ◆ Chlamydia trachomatis
- ◆ Gardnerella vaginalis
- ◆ 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

	<u>2006</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>
<i>Sexually Transmitted Infections</i>				
Syphilis-non-treponemal test-VDRL	1,174	1,265	1,220	1,128
Serological titers	14	8	6	7
Trichomoniasis	2,053	1,881	2,069	2,042
Mycotic Disease	2,098	2,106	2,081	2,044
Chlamydia	1,834	1,838	1,826	1,885
Gardnerella	1,602	1,569	1,533	1,527
Herpes I & II	112	134	117	111
Nongonococcal urethritis (NGU)	461	479	512	511
Gonorrhea				
Positive smear or culture	64	72	50	20
Positive outpatient only	86	93	51	24
Negative smears & cultures	3,980	3,657	4,020	4,009
<i>Other Communicable Disease</i>				
Streptococcal Disease	5	7	8	12
<i>Chemistry</i>				
Glucose	7	14	12	23
AST (SGO-T)	155	51	111	160
<i>Urological</i>				
Specific Gravity	8	22	28	25
pH	8	22	28	25
Protein	8	22	28	25
Glucose	8	22	28	25
Ketone	8	22	28	25
Occult Blood	8	22	28	25
Microscopic	8	22	28	25
HCG (Pregnancy Test)	*119	1,488	1,534	1,333
<i>Water</i>				
Microbiological	4,117	4,503	3,921	4,057
<i>Referral Specimens</i>				
	587	485	384	479

(including specimens that may carry the bacteria that cause Lyme disease)

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

environmental health

In 2006 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.

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.

Numbers of Environmental Activities Recorded

	<u>2006</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>
Restaurant Inspections	1,233	1,201	1,270	982
Restaurant Plan Reviews	36	28	31	21
Temporary Food Licenses Issued	234	213	264	257
MI Dept. Consumer & Industry Services	52	75	78	78
Sewage Disposal Inspections	1,165	1,595	1,555	1,649
Sewage Disposal Permits	383	594	757	796
Sewage Disposal Parcels Evaluated	400	604	797	880
IDEP (Illicit Discharge Elimination Program):				
Total Outfalls Surveyed*	492	1,904	223	2,136
Total Miles Surveyed	377	774	267	220
Total Corrections	103	57	78	119
Bacterial Water Testing:				
Wells and Pools	1,959	2,096	1,718	2,027
Surface Water	2,158	2,407	1,277	1,886
Water Well Permits	299	406	530	596
Water Well Site Evaluations	299	406	530	596
Non-Community Water Supplies (Monitored Quarterly)	100	100	100	100
Operations/Maintenance (Evals of Sewage System)	118	124	155	233
Campground Inspections	12	12	9	10
Swimming Pool Inspections	119	119	118	125
General Written Complaints	96	87	129	134
Lead Clearance Projects	54	36	38	30
Lead Inspections	81	73	63	31
Radon Test Kits Sold	117	55	59	48

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



Ruth Taylor, Environmental Field Coordinator, performing a temporary inspection in preparation for Mackinac Boat Night festivities.

The Storm Water Coordinator continued to provide lead facilitation for watershed planning activities for the Northeastern Watersheds and the Anchor Bay Watershed groups which consist of seven county agencies, two school districts and 17 local communities.

- ◆ Facilitated 31 Watershed Committee, sub-committee and public meetings
- ◆ Provided 17 watershed presentations to various county and local community boards
- ◆ Continued development of the Northeastern Watersheds Plan
- ◆ Received Federal approval for the Anchor Bay Watershed Plan
- ◆ Facilitated the development of minimum storm water best management practices for seven county agencies and two local school districts

As part of the storm water program, the Environmental Educator accomplished the following activities in an effort to educate the public about storm water quality issues:

- ◆ Produced 2 Blue Watershed Newsletters and distributed to 3,500 residents
- ◆ Coordinated the 2nd annual River Day and 5th annual Earth Fair events
- ◆ Maintained Storm Water website and received 2,579 website hits
- ◆ Presented 65 Pollution Solutions programs and distributed children's activity books to 1,475 students
- ◆ Provided 18 water quality presentations to local civic groups
- ◆ Distributed 900 water quality brochures, 500 stickers and 1,500 magnets
- ◆ Developed a watershed education video with the Pine River Nature Center
- ◆ Coordinated a Water Quality Hotline poster contest with over 235 submissions



Volunteers clean up our waterways! One of many River Day events coordinated by the Health Department.

dental clinic

<u>Year</u>	<u>Visits</u>
2006	4,235
2005	4,086
2004	3,937
2003	3,777

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.



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 2006-2007 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.

<u>School Year</u>	<u>Treated</u>	<u>Referred</u>
Sept 2006 – May 2007	372	234
Sept 2005 – May 2006	472	330
Sept 2004 – May 2005	561	371
Sept 2003 – May 2004	577	391

nursing division highlights

In addition to the many services reported, Nursing embraced the following changes and challenges.

Plan First!, a new health insurance program started July 1, 2006, provides income eligible women 19 through 44 with coverage for Family Planning services. More than 550 women took advantage of this insurance by year end.

Numerous new vaccines were introduced such as: Tdap, (tetanus, diphtheria vaccine with acellular pertussis for adolescents and adults), Menactra (for the prevention of meningococcal disease), RotaTeq (oral live virus vaccine for the prevention of Rotavirus), Hepatitis A vaccine (newly recommended for all children 12 months through 18 years of age), Influenza vaccine



Cindy VanConant, RN, teaches moms how to turn on their baby's calming reflex.



Nursing Division staff present "Portion Distortion" at a local summer health fair.

(became recommended for children 6-59 months of age), and Prevnar PCV7, an inactivated pneumococcal conjugate vaccine was introduced to protect children against *Streptococcus pneumoniae*.

Division staff participated in numerous community events promoting the state health insurance enrollment for Healthy Kids and MICHild, promoting health department services to improve the health and well being of St. Clair County residents.

nursing division activities

Nursing Division Community Events

Event	Number of Attendees
Winter	
'Under the Big Top,' Algonac Elementary	200
Mueller Brass Health Fair	75
Morris Hood Diabetic Clinic	35
Spring	
East China Kindergarten Roundup	75
Emergency Preparedness Everyday Nursing Decisions SC4	15
Adolescent Immunization McCormick Academy	12
Memphis Kindergarten Roundup	59
Parent University	81
Mall Display, 'Why would you smoke around a pregnant woman?'	
'Sailing into Parenthood' Port Huron Hospital baby shower	157
Marysville, Blood Pressures	1,136
Port High Schools Sport Physicals	
Kidfest 2006 -	
Car Seat Inspections	68
Fit Stops	over 400
Algonac 'Going Hog Wild for Health and Harley'	200
Child Care Provider Education	25
The Learning Train	177
Immunization provider education visits	39
Summer	
National Night Out, Town North	450
Domtar Health Fair	70
SIDS Education for day care providers	40
TB Skin Testing	20
Pediatric and Adult Flu Immunization	5
Fall	
Health Fair All Nations Redemption Church	125
Morris Hood Diabetic Clinic	30
Capac Health Fair	165
Head Start Health Assessment Fair	47

Numbers of Nursing Activities Recorded				
	2006	2005	2004	2003
Childhood Lead Poisoning Protection Program	324	544	48	
Children's Special Health Care Services	551	546	554	571
Maternal Infant Health Program				
Maternal Clients	481	484	480	533
Infants	294	259	194	160
Outreach Program	1,269	1,183	846	1,059
MIChild/Healthy Kids Apps.	835	690	726	
Tuberculosis				
Active TB	1	1	1	1
Resistant MDR-TB	0	0	0	0
Non-infectious treated	14	21	15	16
TB skin tests	600	668	793	884
HIV Counseling & Testing	530	521	527	617
HIV Case Management	45	41	38	34
Immunizations				
Child Flu	540	305	224	1,310
Adult Flu	490	735	1,006	1,260
Other Adult Immunizations	1,605	1,616	1,728	1,766
Other Child Immunizations	4,569	4,998	7,146	8,680
Sexually Transmitted Infection Testing & Treatment	2,088	1,930	1,968	1,611
Family Planning	2,455	2,618	2,699	2,773
Community Health Nursing				
Public Health Visits	3,044	2,386	1,829	2,652
Vision and Hearing Screening				
Pre-School Vision	2,050	2,318	2,187	1,730
0-3 year olds Vision	49	156	164	
Pre-School Hearing	1,746	2,293	2,210	1,688
0-3 year olds Hearing	50	272	168	
School Vision	6,107	8,427	12,214	12,084
School Hearing	6,002	6,945	7,976	9,286
Total Screened	16,004	20,099	24,919	24,788
Head Lice Screening	14	52	48	77

teen health center

The Teen Health Center (THC), the health department's state funded adolescent health program for teens ages 10-21 located directly behind Port Huron High School, provides teens physical and behavioral health services as well as education and referral in a youth friendly environment. THC is staffed by a physician, nurses and clerical staff and is open year round, Monday through Friday. 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. THC does not prescribe or dispense birth control and abortion counseling and/or referrals are not provided.

Asthma, a common and potentially threatening life 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



Teen Health Center's brand new building provides a fresh and welcoming site to service youth ages 10-21.



Teen Health Center physician Dr. Annette Mercatante examines a patient.

with parents, as well as educational 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 'take control' of their asthma effectively.

In 2006, THC provided service to 2,956 visits to 1,434 clients; 815 females and 619 males. Assessment of adolescent health issues, behaviors and risk factors led to the following services or referrals:

- 483 physicals
- 579 immunizations
- 1,505 general medical visits
- 442 mental health visits
- 554 STD diagnosis and treatments
- 452 family planning referrals
- 84 substance abuse referrals

communicable diseases

Communicable Diseases Reported in St. Clair County

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

health education

The Health Education Division provided 119 presentations throughout 2006, serving over 4,000 county residents. Reproductive health education was provided for most school districts in St. Clair County. Other educational presentations focused on promoting healthy lifestyles, reducing risk and preventing communicable disease.

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 healthy and avoid tobacco.

A grant from the Michigan Department of Community Health enabled the coalition to work with Cleveland Elementary staff, students and parents to encourage better eating and more physical activity. In cooperation with Michigan State University Extension, a “Fruit and Veggie Fear Factor” activity and a celebration of Michigan Farm Fresh Day brought fresh, local food products to the school for all to try. Evaluation conducted at the end of the project revealed healthy behavior change had occurred.

The St. Clair County Smoke-free Team (SST) awarded three more restaurants a financial incentive to go smoke-free. The Day Break Café, Casey’s Pizza and Subs, and MainStreet Family Dining received financial assistance to initiate 100% smoke-free policies for at least one year. This was the fourth round of the team’s Smoke-free Dining Project, which is supported by the Community Foundation of St. Clair County and Port Huron, Mercy and St. John River District Hospitals. A grant from the Tobacco Section of the Michigan Department of Community Health initiated efforts towards developing a smoke-free worksite regulation for St. Clair County.

A network of county Public Information Officers was also initiated in 2006 to foster communication among agencies during a community crisis. Members shared mutual contact information and discussed mock events and exercises that occurred throughout the year.

Working with our community partners to keep St. Clair County residents healthy and safe was a major focus of the Health Education division in 2006. Health Education staff were active participants in the planning and implementation of many community events including the local “Go Red for Women Tea”, American Heart Association’s Heart Walk, SCC Parent University, Helmet Safety activities, and Kidfest. The popular “Fit Stop” program, a series of physical fitness stations for youth, was provided at various locations throughout the county in 2006.



Susan Amato, Health Education Director, looking for germs after practicing hand-washing skills with pre-schoolers at the YMCA.

WIC (women, infants & children)

In 2006, the WIC program provided for the purchase of \$2,479,389 worth of nutritious food and dairy products by the St. Clair County WIC program enrollees. This equates to 231,600 coupons issued per year. There were also 6,036 coupon pick-up visits.

<u>Year</u>	<u>Visits</u>
2006	14,712
2005	14,623
2004	14,787
2003	14,795

From January through December of 2006, there was an average monthly enrollment of 4,214 clients. Nearly 1,000 infants and 2,300 children participated in the WIC program. There were 130 individual Registered Dietitian appointments for nutrition counseling and 1,017 attended nutrition education classes. The St. Clair County WIC staff also made it possible to meet MDCH-WIC 97% caseload performance requirement.



St. Clair County Health Department's WIC staff provides good food and nutrition education to women, infants and children who qualify for the program.

Coordination resulted in 472 families being enrolled in the Maternal Infant Health Program (MIHP – formerly Maternal/Infant Support Services).

In addition, 253 children received immunizations and 262 children received blood lead testing all during their WIC visits.

WIC staff participated in VENA (Value Enhanced Nutrition Assessment) training in 2006 to increase their skills in building rapport with clients, communication, and dietary assessment.

Year 2006 Collaborative Efforts

- ◆ Center for Human Resources: Prevention Specialists provided monthly parenting classes to WIC clients. During 2006, 36 classes were provided.
- ◆ MSU Extension Services Breastfeeding Initiative Program: Peer counselor provided 108 nutrition classes; enrolled 63 women; provided 293 direct contacts and had 242 women who attended breastfeeding classes.
- ◆ Nutrition Education on the Internet (www.wichealth.org) was expanded to 11 topics including: “Secrets for Feeding Picky Eaters”, “Making Meals & Snacks Simple” and “Steps to a Healthier Family”.

public health emergency preparedness and response division

The mission of the Emergency Preparedness & 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 serve as liaison to first and emergency response partners.

Public Health Emergency Preparedness Division Highlights

Drills, exercises and response

Full Scale Exercise: Argent Sentry
Full Scale Exercise: Vigilant Guardian
State: RSS "Chain of Custody" Exercise
800 Megahertz Radio Tests
Michigan Health Alert Network Drills
St. Clair County Health Department Mass Vaccination Clinic Exercise
St. Clair County Pandemic Table-top Exercise

Presentations and events for community partners

St. Clair County Fire Chiefs Association
Blue Water Infection Control Network
St. Clair County Immunization Network
St. Clair County Community College
Beacon Home Health Care
Port Huron Area School District
Inservices: Marysville High School and St. Clair County Sheriff's Department
Daughters of American Revolution

Specialized Committee/Board Meeting Participation

St. Clair County Health Department PIO Network
St. Clair County Safety Committee
Great Lakes Health Border Initiative
UASI Region 2 Training Subcommittee
Region 2 North Cities Readiness Initiative
Region 2 North Planning and Advisory Boards
St. Clair County Emergency Management Advisory Board
St. Clair Co. Health Dept. Public Health Emergency Orders and Legal Issues, Response Team
St. Clair County Health/Medical Emergency Planning Subcommittee
Southeastern Michigan Health Association conference planning committee

Specialized Training for EPC and/or SCCHD Staff

FEMA: Continuity of Operations
MSP: Unified Incident Command
NRP: National Response Plan IS-800
Michigan Homeland Security Training Conference
NIMS: National Incident Management System IS-700
CDC's Strategic National Stockpile - Atlanta, Georgia
Oakland County: Pandemic Influenza Home Health Care Conference
SEMHA: Emergency and First Responder – Public Health Response Conference
St. Clair Co. Health Dept. Public Health Emergency Planning & Response: Sessions I, II, III, IV

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.”



Setting up the Acute Care Center in McMorran Pavilion as part of Vigilant Guardian Exercise.

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.

TRSASCA: Treatment Facts and Figures for the Thumb Region

Fiscal Year: 2003-2004; 2004-2005; and 2005-2006

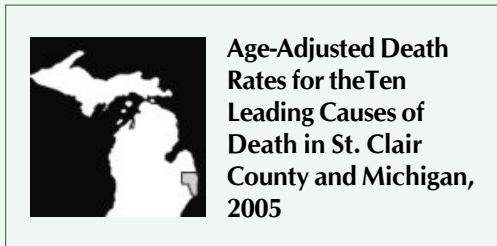
FINANCIAL DATA	2003-2004		2004-2005		2005-2006	
Expenditure						
Treatment	1,699,261	61.4%	1,900,835	62.3%	1,826,073	61.3%
Prevention	619,892	22.4%	865,890	28.4%	749,452	25.2%
CDR	108,265	3.9%	112,853	3.7%	104,812	3.5%
Administration	<u>340,332</u>	<u>12.3%</u>	<u>171,286</u>	<u>5.6%</u>	<u>297,222</u>	<u>10.0%</u>
Total	2,767,750	100.0%	3,050,864	100.0%	2,977,559	100.0%
Revenue; Source						
MDCH/BSAS	1,473,591	53.2%	1,536,096	50.3%	1,629,502	54.7%
Medicaid	388,922	14.1%	481,417	15.8%	298,792	10.0%
Fees	273,829	9.9%	189,992	6.2%	206,610	6.9%
Local	474,451	17.1%	535,671	17.6%	596,584	20.0%
Other	<u>156,957</u>	<u>5.7%</u>	<u>307,688</u>	<u>10.1%</u>	<u>246,071</u>	<u>8.3%</u>
Total	2,767,750	100.0%	3,050,864	100.0%	2,977,559	100.0%
ADMISSION DATA						
Sex						
Male	1,239	67.4%	1,312	62.7%	1,164	68.5%
Female	599	32.6%	782	37.3%	536	31.5%
Unknown	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0.0%</u>
Total	1,838	100.0%	2,094	100.0%	1,700	100.0%
Age						
00-11	0	0.0%	0	0.0%	0	0.0%
12-17	129	7.0%	85	4.1%	97	5.7%
18-25	509	27.7%	584	27.9%	517	30.4%
26-39	722	39.3%	800	38.2%	615	36.2%
40-49	349	19.0%	471	22.5%	340	20.0%
50-64	127	6.9%	152	7.3%	123	7.2%
65 +	2	0.1%	2	0.1%	8	0.5%
Unknown	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0.0%</u>
Total	1,838	100.0%	2,094	100.0%	1,700	100.0%
Primary Substance Used						
None	5	0.3%	7	0.3%	3	0.2%
Alcohol	1,141	62.1%	1,297	61.9%	1,086	63.9%
Heroin	95	5.2%	113	5.4%	75	4.4%
Cocaine/Crack Cocaine	165	9.0%	233	11.1%	132	7.8%
Marijuana/Hashish	354	19.3%	335	16.0%	340	20.0%
Other	78	4.2%	109	5.2%	64	3.8%
Missing	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0.0%</u>
Total	1,838	100.0%	2,094	100.0%	1,700	100.0%

Notes: The St. Clair County Health Department in FY 1994-1995 was designated the Substance Abuse Services Coordinating Agency for St. Clair, Sanilac, Lapeer, Huron and Tuscola Counties.

Beginning FY 2002-2003 the Michigan Department of Community Health re-configured some coordinating agencies' boundaries. The St. Clair County Health Department's new boundaries became St. Clair, Sanilac and Lapeer Counties.

Revised: 06-26-2007

community health status

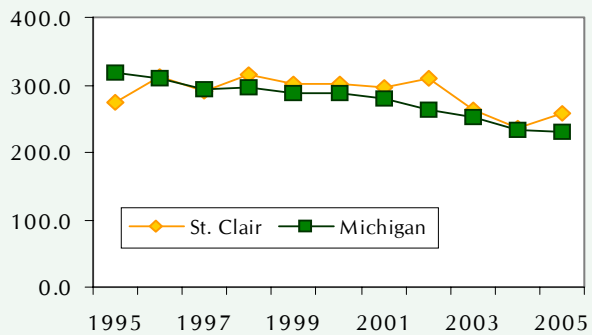


Cause of Death	St. Clair County Rate	Michigan Rate
Heart Disease	257.8	231.1
Cancer	200.7	190.7
Stroke	43.2	46.5
Chronic Lower Respiratory Disease	42.6	41.0
Unintentional Injuries	28.5	33.0
Diabetes	38.0	28.4
Alzheimer's Disease	*	21.2
Pneumonia/ Influenza	18.8	17.9
Kidney Disease	14.6	15.4
Intentional Self-Harm (Suicide)	*	10.8
All Other Causes	149.7	176.1
Total	806.2	811.6

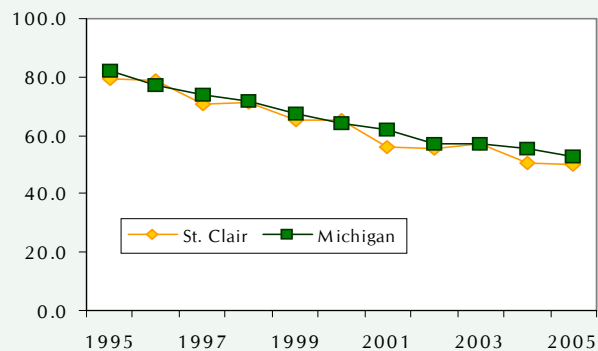
Notes:
Age-adjusted death rates are based on age-specific death rate per 100,000 population in specified group.

*rate not calculated

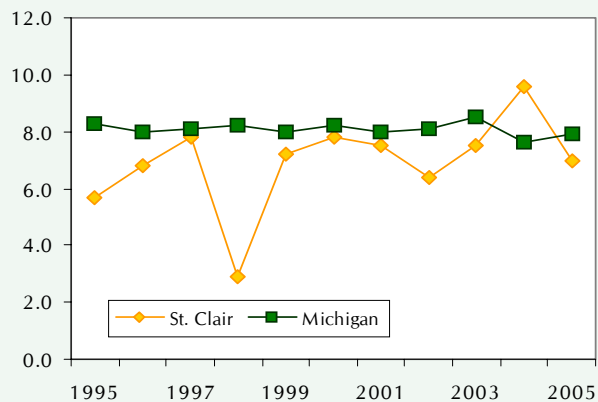
Heart Disease, Age-Adjusted Death Rates per 100,000 Population, 1995-2005



Teen Pregnancy Rates per 1,000 Age and Sex Specific Population, 1995-2005



Infant Death Rate per 1,000 Births, 1995-2005



Source: Michigan Department of Community Health

community health status (continued)

Ten Leading Causes of Ambulatory Care Sensitive Hospitalizations For Patients of All Ages, St. Clair County Residents, Michigan 2005

Condition	<u>Number</u>	<u>Percent</u>	<u>St. Clair County Ranking</u>	<u>Michigan Ranking</u>
Bacterial Pneumonia	749	17.6	1	2
Congestive Heart Failure	746	17.5	2	1
Chronic Lower Respiratory Disease	531	12.5	3	3
Asthma	227	5.3	4	4
Cellulitis	225	5.3	5	6
Diabetes	202	4.7	6	7
Kidney/Urinary Infections	180	4.3	7	5
Dehydration	159	3.7	8	8
Convulsions	123	2.9	9	9
Gastroenteritis	68	1.6	10	10
All Others	1,048	24.6		
Total	4,265	100.0		

Note: 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.

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 lower respiratory disease, and asthma accounted for nearly 53% of all preventable hospitalizations in 2005.
- ◆ The percentage of preventable hospitalizations has remained steady for the past decade, ranging between 18.5% and 20.8% of all hospitalizations.
- ◆ The 2005 age-adjusted death rate for St. Clair County residents was lower than the state as a whole (806.2 vs. 811.6 per 100,000 population). The age-adjusted death rate for heart disease in St. Clair County increased in 2005 to 257.8 from a rate of 234.9 in 2004, and exceeded the State rate in 2005 of 231.1 per 100,000 population. St. Clair County residents recorded a death rate higher than the State for cancer, diabetes and pneumonia/influenza.

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