

TUSCOLA COUNTY HEALTH DEPARTMENT FY 2007-08 Annual Report



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Tuscola County Health Department Mission, Vision Statement & Vision Priorities

Mission

We are dedicated to promoting and protecting the health of Tuscola County residents by providing a wide range of quality human services.

Vision

The Tuscola County Health Department will be recognized by the public and the medical community as a valuable asset in providing resources and innovative approaches to health promotion and protection in the community.

Vision Priorities

- We engage the community to meet their health care concerns while recognizing the community's social, environmental, behavioral, economical and physical well being
- We adapt programs and services to meet the needs of the community
- We play an integral role in emergency preparedness
- We pursue funding avenues that coincide with our mission and vision
- We have effective Public Relations that promote our services
- We utilize advancements in technology to improve community services
- We engage in educational opportunities that advance the knowledge of our staff

• E f f e c t i v e
a m o n g



teamwork is present
employees

**10/1/07– 9/30/08 EMPLOYEE LIST
Tuscola County Health Department**

NAME	TITLE	HIRE DATE
Amend, Ron	Veteran Affairs Director	10/1/07
Anthes, Beth	PHN II	11/13/00
Barrons, Deb	Program Clerk II	4/27/92
Bellsky, Sally	PHN II	7/8/92
Brinkman, Marcy	PHN II	2/23/98
Buckey-Jamrog, Amy	Social Worker	10/14/03
Bush, Russell M.D.	Medical Director	1/1/08
Caverly, Doraine	Account Clerk	7/10/78
Cuthrell, Amy	Health Educator	11/09/06
Dickinson, Janelle	Program Clerk II	7/5/89
Dunham, Patty	Clinic Assistant/Clerk II	10/27/85
Germain, Kelly	PHN II/Program Coordinator	5/28/91
Gutierrez, Elva	Clinic Assistant/Clerk II	1/5/93
Harrington, Lorraine	Registered Dietitian	5/7/86
Hepfer, Ann	Nursing Administrator	10/31/88
Hicks, Carol	Administrative Services Coordinator	12/17/74
Johnson, Sue	Program Clerk II	1/7/91
Kile, Ruth	Program Clerk II	1/4/93
MacGuire, Tip	Environmental Health Director	7/12/93
McCollum, Nancy	Billing Clerk	11/26/79
Mika, Sharon	P.H. Emergency Preparedness Coordinator	8/26/02
Milazzo, Dianne	Clinic Assistant/Clerk II	1/8/00
Miller, Nancy	Nurse Practitioner	2/27/06
Peters, Lugene	Program Clerk II	8/6/90
Pokorski, Kathy	PHN II/Department Coordinator	7/21/03
Sammons, Bonnie	Fiscal Manager	2/19/74
Singer, Kent	Registered Sanitarian III	6/7/95
Smith, Mary	PHN II	7/28/06
Stephens, Carol	MIS Manager	10/7/74
Suber, Christina	Social Worker	3/11/98
Tanton, Si	Sanitarian II	1/17/06
Tenbusch, Gretchen	Health Officer	2/1/88
VanOchten, Jessica	Hearing & Vision Technician	2/27/06
Villalobos, Kristi	PHN II/Department Coordinator	9/28/98
White, Jerry	Registered Sanitarian III	5/15/91
Williams, Karen	Clinic Assistant/Clerk II	5/8/00

**Gretchen Tenbusch, R.N., M.S.A.
Health Officer**



On behalf of the Tuscola County Health Department staff, I am pleased to present this Annual Report. This report is intended to highlight accomplishments for fiscal year 2007-2008.

Dr. Russell L. Bush, M.D., M.P.H. joined our staff as Medical Director/Deputy Health Officer in January 2008 with the retirement of Dr. Dennis Smallwood, D.O. from that position.

The Tuscola County Health Department is always striving to improve service delivery to our residents. During Fiscal Year 2007-2008, Health Department staff were trained in disaster management utilizing the National Incident Management System. The Women, Infant, Children Nutrition Program began movement away from a paper coupon and towards an electronic benefit food card. This will make it easier for clients to obtain their benefits with just the swipe of a card at participating grocers. A "Building Healthy Communities" grant was secured to develop a three year action plan that looks at improving the environment for healthy living to take place. We know that prevention is cheaper than treatment. In these struggling economic times, we will endeavor to find ways to put forth health promotion programs and projects to improve the health of our community.

Health Department accomplishments were possible due to the hard work and dedication of the Health Department staff and the involvement of the Board of Health and Board of Commissioners. The Health Department will continue to protect and promote the health of Tuscola County residents through surveillance, assessment, planning and collaboration. I hope you find this report interesting and informative. We thank you for your support of this organization and the services provided.

**Russell L. Bush, M.D., M.P.H.
Medical Director**



Russell L. Bush, M.D., M.P.H., joined the staff of the Health Department as Medical Director on January 1, 2008. Dr. Bush, and his wife of 20 years, Peggy, live in Lapeer. They have two children, Saralynn and Bryan. Dr. Bush is employed at Genesys Regional Medical Center and serves as Medical Director in Huron, Lapeer and Tuscola Counties. In the past he has worked in a Family Medicine Residency Program and in his own solo medical practice.

Since coming to the Tuscola County Health Department, Dr. Bush has reactivated the Child Death Review Team which meets as needed to review all child deaths in the county under the age of 19.

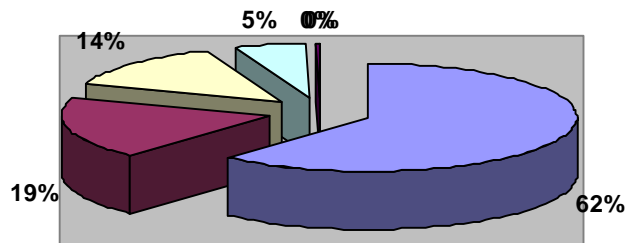
Dr. Bush works closely with the health department staff regarding communicable disease issues, contamination issues, food recalls and oversees and reviews all medical policies, protocols, manuals and standing medical guidelines.

FISCAL DIVISION
Bonnie Sammons, Fiscal Manager

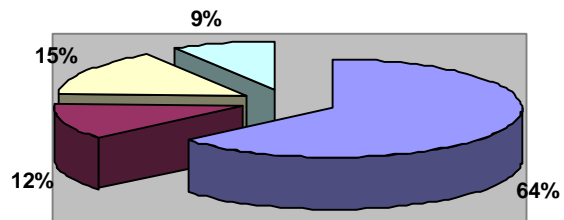
Tuscola County Health Department's Fiscal Division performs all general accounting functions, including accounts receivable, accounts payable, budgeting, payroll, financial reporting and internal control. The accounting policies of the Tuscola County Health Department conform to generally accepted accounting principles as applicable to government units.

2007—2008
BUDGET
\$3,085,971

Revenues	
Intergovernmental	61.8%
Charges for Services	18.8%
Other Financing Sources	13.7%
Licensing and Permits	5.3%
General Contributions	.3%
Other	.1%



Expenses	
Personal Health	64%
Environmental Health	12%
Administration	15%
Other	9%



Management Information Systems Division

Carol Stephens, MIS Manager

The mission of the MIS Division is to make available comprehensive and high quality services to meet the information technology needs of the Tuscola County Health Department.

The agency website (www.tchd.us) is continuously maintained and updated, in an attempt to provide Tuscola County citizens the most up-to-date information possible. An internal website is maintained for staff use with training documents, program manuals and announcements.

The MIS Division has the continuous job of keeping all agency programs up to date with the most current software applications, backing up the system, monitoring for viruses and helping staff to create and run reports as needed. In the fall of 2007 a new Dell Windows 2003 server was purchased and installed. The capabilities of this new server will be adequate for the Health Department for several years. Additional upgraded desktop computers were purchased to replace older systems.

Currently we maintain 2 file servers, 42 workstations, 7 laptop computers, and 10 shared printer stations. A variety of software programs used within the agency are continuously monitored and upgraded as needed. Investigation continues for possible software solutions to replace our current CMHC system.

Office of Veteran Affairs

Ron Amend, Director

The County Veteran Affairs Director handles Federal, State and County Programs that are available to veterans, widows and dependent children seeking assistance. Federal Programs are VA benefits either in Compensation, Dependence and Indemnity Compensation (DIC), Pension and Retirement Pay, Education, Vocational Rehabilitation, Hospitalization, Home loans, Insurance and burial benefits. State programs include: Veteran Trust Fund, Employment, Education, two State operated nursing homes and other programs. County Programs include: Soldiers and Sailors Relief Fund, The Veteran Affairs Office, food banks, and other agencies such as the Human Development Commission.

TUSCOLA COUNTY VA STATISTICS 2007/08			
Office Visits	839	Written communication received	353
Phone Calls Received	1710	Written communication sent	489
Phone Calls Placed	1650	D.A.V. Van used to transport Veterans To V.A. Hospitals	151
Home Visits to Veterans/Widows	23		
Trust Fund Applications (MVTF)	21		
MVTF Amount Granted	\$24,221.88	Hours logged by DAV Van Volunteers	704
Soldiers/Sailors Relief Applications	146		
S & S Amount Granted	\$24,700.01		

PUBLIC HEALTH EMERGENCY PREPAREDNESS
Sharon Mika, Department Coordinator

The Public Health Emergency Preparedness Department develops plans, educates staff and performs exercises through drills, tabletop, and full scale exercises to test our response to a public health emergency event.

The Tuscola County Health Department exercised several performance measures throughout the year to improve our response time to events of an urgent public health consequence. Some of these measures included how quickly and what percent of key health response partners were notified by radio or satellite phone when electric power, telephone, cellular service, and Internet services are unavailable. Thanks to our MPSCS 800 MHz radios we are able to contact 90 % of our response partners within 8 minutes.

Improvements in reporting of diseases have enabled us to have a quicker response time in identifying the spread of disease and food borne outbreaks. Other timed exercises included how quickly the Health Department can complete a press release to issue guidance after an event has occurred and to provide recovery related information to the public. We also tested our own pre-identified staff on how fast we can assemble our primary and secondary Incident Command personnel at the public health Emergency Operation Center (EOC). These exercises were measured twice during the year. Drills, tabletop exercises and training were completed this year to enhance our performance level.

The health department completed a Multiple Fatality Plan under the direction of our Medical Examiner, Dr. Kanu Virani, and we have shared this plan with our funeral directors in the county. The Emergency Preparedness plan and Risk Communication plan were updated and revised to accomplish a 100% score from the Office of Public Health Preparedness (OPHP). The Health Department continues to update and revise plans, test our ability to respond to events and meet regularly with our response partners to protect the public in Tuscola County.



ENVIRONMENTAL HEALTH DIVISION

TIP MACGUIRE, R.S., Director

Adverse environmental factors have a direct influence on humans. Impacts can be disease transmission through exposure to pathogenic organisms, or by exposure to toxins having a physiological effect on humans. Lesser environmental factors such as living conditions in a home can effect the overall well-being of the persons subjected to the given environment. As a member of the public health team, environmental health advocates and promotes disease prevention. Goals are met through enforcement of regulations and programs developed to not only protect public health, but to also control adverse environmental factors. Programs and regulations are grouped into categories of: Water, Shelter, Food, Waste and Community Health. The following statistics falling under these categories reflect the services provided in fiscal year 2007-08.

FOOD SERVICE PROGRAM

Regular inspections are conducted in all food service establishments in Tuscola County. Efforts in this program are key elements in assuring that meals consumed outside of the home are safe.

Fixed Food Service Establishments	155	Transitory Food Inspections	13
Fixed Food Service Inspections	436	Vending Location Inspections	11
Temporary Food Inspections	135	Foodborne Illness Investigations	3

WASTEWATER MANAGEMENT

Contact with raw or improperly treated sewage is the major method by which diseases are spread. Proper disposal and treatment of sewage is a critical aspect of protecting public health. Under State and Local Code Enforcement, this division evaluates and issues permits for the installation of all on-site sewage systems in Tuscola County.

On-site Sewage Disposal Permits Issued	151	On-site Sewage Disposal Inspections	391
On-site Sewage Permits (Commercial)	4	On-site Sewage Inspections (Commercial)	7

SURFACE AND GROUNDWATER CONTROL

The basics to human life and public health philosophy is the provision that a safe and adequate water supply is available to the individual and public. To this end, all wells in Tuscola County are installed under permit with well locations being reviewed, proper isolations required, final inspections conducted and water sampling performed to determine water quality.

Well Permits Issued	181	Well Permit Final Inspections	155
Complaints Investigated	6	Operation/Maintenance Evaluations	36

ENVIRONMENTAL QUALITY

Additional activities important to health protection cover a range of programs such as: Shelter, Public Swimming Pools, Mobile Home Parks, Hazardous Waste, Solid Waste, Indoor and Outdoor Air, and Campgrounds.

Campground Inspection	12	Adult/Child Care Facility Inspection	47
Public Swimming Pool Inspection	9	Hazardous Waste	13
Solid Waste	3	Animal Control	3
Indoor/Outdoor Air	70	Subdivision Inspections	7
Ground Water Quality	32	Residential Dwellings/Lead Paint	5
Mosquito/Insect Control	8	Septage Inspections	23

TOBACCO REDUCTION

Tobacco Reduction efforts are conducted through the Tuscola County Safe Communities Coalition which is a community based coalition comprised of members of human service agencies, schools and the general public. This coalition meets on a quarterly basis, welcomes new members and provides a tobacco resource distribution and referral service to the community. The objectives are to:

- 1) Develop and maintain community mobilization and awareness around tobacco-related issues.
- 2) Develop and maintain multi-cultural input into coalition efforts.
- 3) Promote and increase the availability of clean indoor air in the community.
- 4) Promotion of tobacco use cessation targeting health care providers in Tuscola County.
- 5) Encourage all area schools to be 24/7 Smoke Free.
- 6) Encourage smoking cessation in pregnant and post partum women.

GERIATRIC SERVICES

The Tuscola County Health Department with the support of Senior Millage funding, provides services to the senior citizens of this county. Staff participate in community coalitions directed toward the needs of senior citizens. Services provided include the provision of flu clinics, education to seniors on relevant health topics, participation in an annual Senior Fair, referrals and information resources for geriatric services, hypertension clinics and Tetanus-Diphtheria (Td) booster vaccination clinics.

ADULT HEALTH SERVICES	
Geriatric Enrollments	3
Dementia Community Presentations	16
Geriatric Home Visits	4

HEALTH SERVICES DIVISION

ANN HEPFER, R.N., Nursing Administrator

MATERNAL/CHILD HEALTH PROGRAMS

Early Periodic Screening and Diagnostic Testing (EPSDT)/Well Child Clinic: Provides health and developmental screening and referrals for children ages birth to 21 on Medicaid. For a small fee the Well Child Clinic provides for the same medical services for children who do not have Medicaid. Services include Hearing and Vision Screening, comprehensive head to toe physical, Denver Developmental Screening and lead testing.

Women, Infant and Children (WIC): Serves children from birth to age 5 and pregnant and breastfeeding women who meet the income guidelines. WIC is not only a supplemental food program, it also provides for nutritional information and breastfeeding promotion and support.

Maternal/Infant Health Program (MIHP): Provides home visits and/or office visits to pregnant women and their infants who are on Medicaid. This program is aimed at healthier outcomes for both the pregnant woman and the infant. A team made up of a Registered Nurse, Dietician and Social Worker take a multidisciplinary approach in working with the family.

Touching Lives of Children Program (TLC): Focuses on pregnant women and children from birth through three years of age who are at increased risk for abuse and neglect. A multidisciplinary approach is taken in working with the families. The team is made up of a Family Mentor, Social Worker, Registered Nurse and Dietician. Center Based Services are offered through Highland Pines so that children and parents can learn and have fun together.

Children Special Health Care Services (CSHCS): Provides financial support and case management services for children ages birth to 21 with chronic health problems or disabilities.

Prenatal Services: Health Delivery Incorporated provides prenatal care and educational services on site. Clients are seen by midwives and deliver at Bay Regional Medical Center in Bay City.

Hearing and Vision Program: Provides Hearing and Vision screenings in the schools throughout the year and in the summer at the Health Department by trained technicians.

MATERNAL/CHILD HEALTH PROGRAMS—2006/07	
Hearing Services Preschool/School Age	3139
Vision Services Preschool/School Age	4447
Touching Lives of Children Services Unduplicated Services	44
Women, Infant and Children Program—Monthly average	1628
EPSDT/Well Child Services	343
Maternal Infant Support Services Unduplicated Services	270
Pregnant Women Enrolled in Prenatal Services	121
Children Special Health Care Services—Unduplicated Enrollees	30

HIV/AIDS COUNSELING

Tuscola County Health Department was identified as a low incidence area in December 2004; as a result we only offer court ordered testing. All requests for HIV testing are referred to higher incident counties for testing such as Saginaw County Health Department, Basis in Bay City and Hearst Home in Saginaw.

FAMILY PLANNING PROGRAM

The Tuscola County Health Department's Family Planning Program philosophy is consistent with the Michigan Department of Community Health and Title X. Family planning is a preventive health measure which impacts positively on the health and well-being of women, children and families. Effective family planning programs are essential health care delivery interventions that correlate with decreased high-risk pregnancy and maternal and infant morbidity and mortality. Services provided through family planning clinics allow women to make well informed reproductive health choices. The family planning clinic addresses the unmet family planning needs of women at or below and those slightly above the poverty level, but still considered low income, and provides access to those with special needs (such as teens and high-risk women). No one is denied services because of an inability to pay.

REPRODUCTIVE HEALTH SERVICES—2007

Family Planning Unduplicated Clients	1200
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SEXUALLY TRANSMITTED INFECTION SERVICES

The mission of the Sexually Transmitted Infection (STI) Program is to reduce the number of STI's through diagnosis, treatment and education. The program operates on an "as needed" basis. Authority is given to the Public Health Department according to Public Health Act 368 of 1978 (revised, October 1993). Due to a reduction in State funding over the past two years, we have curtailed our screening exams. Screening guidelines are in place that serve as a guide to who gets tested. Tuscola County is deemed a "low incidence" area and is allotted only a small number of test kits for free. Once the free kits are depleted we charge for the any additional tests. Our rate of STI's has remained relatively consistent over the past 5 years; the majority of our infections are either Chlamydia or Gonorrhea related.

SEXUALLY TRANSMITTED INFECTION—3 YEAR COMPARISON

	2006	2007	2008
Chlamydia	76	69	68
Gonorrhea	8	6	8
Syphilis Primary	0	2	4

IMMUNIZATION PROGRAM

Immunizations are a very important component of Public Health. The current immunization schedule for adults and children protects against sixteen diseases. New vaccines offered in the past year included Menactra, Hepatitis A, Tdap, and Rotavirus. Special priority projects included outreach clinics to the Amish community and an outreach clinic in Vassar once a month.

IMMUNIZATIONS	2005/2006	2006/2007	2007/08
Clients Immunized	2308	2569	3145
Vaccines Administered	5664	6264	7817
Doses Distributed	2246	2776	3456
School Immunization Records Reviewed	2513	3354	5439
Percent of 19-35 month old children fully immunized in the county	78%	74%	66%
Adult Influenza Vaccine Administered	1806	777	790
Pneumococcal Vaccine Administered	118	70	44

COMMUNICABLE DISEASE

State of Michigan's Michigan Disease Surveillance System (MDSS) is a Web-based communicable disease reporting and tracking system. The purpose of this system is to facilitate coordination among local, State and Federal Public Health agencies to provide secure transfer and analysis of communicable disease patterns. All area laboratories and hospitals report all allowable and reportable infections to the local health departments via MDSS.

COMMUNICABLE DISEASE REPORTS—3 YEAR COMPARISON			
	2005/2006	2006/2007	2007/2008
AIDS	0	0	1
Food Borne Illness	16	18	22
Meningitis-Aseptic	9	2	2
Meningitis-Bacterial	3	1	0
Meningitis—other	-	-	1
Pneumoniae Invasive	2	5	4
Cryptococcosis	0	0	0
Flu Like Illness	513	1130	746
Guillain-Barre'	1	0	0
Kawasaki	2	0	0
Legionellosis	2	0	1
Rabies-Bat	0	0	0
Chickenpox	39	27	11
Tuberculosis	1	0	0
Hepatitis A	0	2	0
Hepatitis B Chronic	1	1	2
Hepatitis B Perinatal	0	0	0
Hepatitis B Acute	-	-	3
Hepatitis C Acute	4	1	0
Hepatitis C Unknown	-	-	2
Hepatitis C Chronic	15	11	25
Coccidioidomycosis	1	1	2
Encephalitis	1	0	1
Hemolytic Uremic Syndrome	1	1	0
Staphylococcus Aureus Infections	7	1	0
MRSA	-	-	1
Mumps	1	0	0
Pertussis	2	1	3
Histoplasmosis	0	1	0
Q Fever	0	1	0
Streptococcus, Group A	0	1	1
Influenza—confirmed	-	-	3