



ANNUAL REPORT FY-2002-2003

TUSCOLA COUNTY HEALTH DEPARTMENT

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www.tchd.us

TUSCOLA COUNTY HEALTH DEPARTMENT EMPLOYEES

NAME	TITLE	YEARS OF SERVICE
Anthes, Beth	PHN II	3
Balzer, Sandy	Hearing/Vision Technician	14
Barrons, Deb	Program Clerk II	11
Bellsky, Sally	PHN II	11
Brinkman, Marcy	PHN II	5
Caverly, Doraine	Account Clerk	25
Carr, Julie	Abstinence Program Ass't. Coord.	3**
Clark, Marsha	Program Clerk II	29
Delorenzo, Janet	Clinic Ass't./Clerk II	17
Dickinson, Janelle	Program Clerk II	14
Dunham, Patty	Clinic Ass't./Clerk II	27
Germain, Kelly	PHN II/Program Coord.	12
Gutierrez, Elva	Clinic Ass't./Clerk II	11
Harrington, Lorraine	Registered Dietitian	17
Hepfer, Ann	Nursing Director	15
Hicks, Carol	Administrative Secretary	28
Johnson, Sue	Clinic Ass't./Clerk II	12
Jones, Nancy	PHN II	1
Kapa, Judy	Nurse Practitioner	12
Kile, Ruth	Program Clerk II	11
Kimbrue, Ed	Environmental Health Director	36
Klein, Kathy	Ass't. Nursing Director	15
MacGuire, Tip	Registered Sanitarian III	10
McCollum, Nancy	Billing Clerk	24
Mika, Sharon	P.H. Emerg. Preparedness Coord.	1
Milazzo, Dianne	Clinic Ass't./Clerk II	3
Peters, Lugene	Program Clerk II	13
Sammons, Bonnie	Fiscal Manager	29
Shaw, Chris	Clinic Ass't./Clerk II	22
Singer, Kent	Registered Sanitarian III	8
Smallwood, Dennis, D.O.	Medical Director	16*
Spiekerman, Larry	Veteran Affairs Director	13
Stephens, Carol	MIS Manager	28
Suber, Christina	Social Worker	4
Tenbusch, Gretchen	Health Officer	15
Villalobos, Kristi	PHN II/Program Coord.	5
White, Jerry	Registered Sanitarian III	12
Williams, Karen	Clinic Ass't./Clerk II	3

* Contractual Employee

** Specially Funded Employee

	ANNUAL REPORT Tuscola County Health Department	FISCAL YEAR
		2002-2003

To the Board of Health, Board of Commissioners, Residents and Community Partners in Tuscola County.

From: Gretchen Tenbusch, R.N., M.S.A., Health Officer

On behalf of the Tuscola County Health Department employees and Board of Health, I am pleased to present this Annual Report. This report is intended to highlight accomplishments for fiscal year 2002-2003, including available program services and service delivery outcomes.

Fiscal Year 2002-2003 was a year of preparation for the future. Public Health prepared for mass smallpox clinics through the development of a Public Health Response Team. Several staff members received their smallpox vaccination so they could provide community smallpox vaccination and disease investigation should the need arise. The Health Department also worked on the revision of the Health Annex in the County's Emergency Action Guide to clearly outline the role of Public Health in an emergency. The Health Department prepared to deal with newly emerging diseases such as West Nile Virus, SARS and monkeypox.

In addition to preparing for the future, staff continued to provide high quality care despite the financial constraints imposed on Public Health.

The Health Insurance Portability and Accountability Act (HIPAA) changed the way this agency obtains, processes and stores client information. Policies and procedures were developed and staff were trained to comply with this new regulation.

The Health Department will continue to assess the community's health needs and plan to meet these needs through adaptation and collaboration. I hope you find this report both interesting and informative. We look forward to serving your needs and we thank you for your continued support.

Mission

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

Vision

We collaborate with the community and each other to provide an innovative approach to health promotion and protection

PICTURED IS A GROUP HEALTH DEPARTMENT EMPLOYEES. NOT EVERYONE WAS PRESENT THE DAY THE PICTURE WAS TAKEN.



BOARD OF HEALTH MEMBERS

- Eileen Hiser, Chairperson
- Beverly Daily, Secretary
- Elaine Lajoie, Vice-Chair
- Don McLane
- Edward Scollon

Fiscal Division

Bonnie Sammons, Fiscal Manager
Doraine Caverly, Account Clerk
Nancy McCollum, Billing Clerk

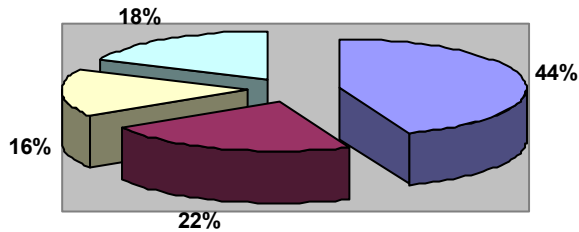


Tuscola County Health Department's Fiscal Division performs all general accounting functions, including accounts receivable, accounts payable, budgeting, payroll, financial reporting and internal control.

The accounting policies of the Tuscola County Health Department conform to generally accepted accounting principles as applicable to government units.

Revenues

State/Federal Grants	44%
Fees	22%
County Appropriations	16%
Other Resources	18%



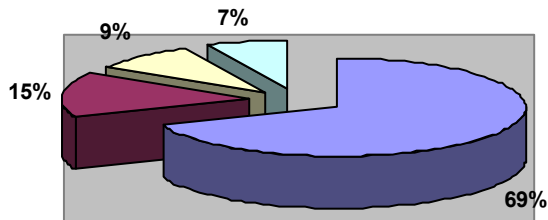
2002-2003

BUDGET

\$2,330,691.

Expenses

Personal Health	69%
Environmental Health	15%
Administration	9%
Other	7%



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 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.

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.

Currently we maintain 3 file servers, 42 workstations, 8 laptop computers, and 10 shared printer stations. A variety of software programs used within the agency are continuously monitored and upgraded as needed.



Office of Veteran Affairs

Lawrence Spiekerman, Director



The County Office of Veteran Affairs is the first point of contact by veterans and their families who seek assistance with Federal, State and County benefits. Monetary benefits payable to veterans and their dependents may be classified into four general categories: Compensation, Dependence and Indemnity Compensation, Pension and Retirement Pay. Other major benefit programs include: Education Assistance to Children, Wives and Widows, and Veterans, Vocational Rehabilitation, Hospitalization, Home Loans, Insurance Burial Benefits, Tuscola County Soldiers & Sailors Relief Fund, and Michigan Veteran's Trust Fund. The Veteran's population in Tuscola County is 5,261, with total expenditures for FY2001 of \$4,167,440. Tuscola County provides a full time Veteran's Affairs Director to help coordinate benefits and services for the Veterans of Tuscola County.

Tuscola County VA Statistics for the year 2003

Office Visits	540
Claims Filed	470
House Calls	8
Trust Fund Applications	36
Amount Granted	\$9,376.
Soldiers/Sailors Relief Applications	97
Amount Granted	\$12,331.

Health Services

Children's Special Health Care Services (CHSCS)

Provides financial assistance and case management to children ages birth to 21 years of age who have a chronic health problem or handicapping condition. Children can be sent on a free diagnostic visit to an enrolled specialist.

Caseload 300

Touching Lives of Children (TLC)

TLC is for pregnant women and families with children from birth through three years of age. It focuses on all areas of life such as: Family, Nutrition, Parenting, Growth and Development, Problem Solving, Personal Time. TLC also offers Center Based Services at Highland Pines School. Fun times and learning activities for both parent and children.

Individuals Served 122

Early On

Assists with provision and coordination of services to children and families from birth to 3 years, who have special medical, physical or developmental needs.

Individuals Served 28

Early Periodic Screening Diagnosis & Treatment

Provides health and developmental screening and referral for individuals from birth to age 21 who are currently covered by Medicaid. Immunizations, hearing, vision, lead screening, and Denver Developmental testing offered. The Well Child Clinic (WCC) provides health screening for individuals without Medicaid for a small fee.

EPSDT Individuals Screened 204

WCC Individuals Screened 9

Outreach (Healthy Kids/MiChild Applications)

Assists with enrollment in Healthy Kids or MiChild insurance for those under the age of 19 and/or pregnant. Application assistance also provided for the Low Income Families (LIF) Program. Also, assistance to complete well child health visits for infants and children on Medicaid. Assistance with applications terminated after March.

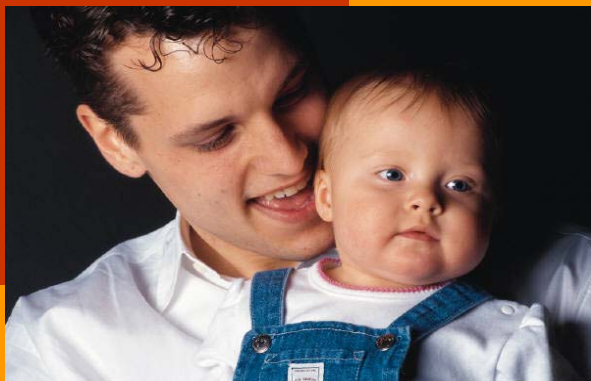
Individuals Served/Applications 133

Other Assistance 630

Prenatal Clinic Services

Health Delivery, Inc. provides the Prenatal Clinic services. Patients see midwives for prenatal care and education. Women deliver at Bay Medical Regional Center, Bay City. Program is available to all women in Tuscola County.

Individuals served 121



Health Services

Women, Infants & Children (WIC)

WIC offers nutrition education and coupons for supplemental food for children under the age of five and pregnant or breast feeding women. Families must meet income guidelines.

Caseload **1,544**

School-Based Programs

Hearing and Vision Screenings are provided by trained technicians in area schools for preschool and school-aged children.

Hearing **4,178**

Vision **5,170**

Maternal/Infant Support Services

Maternal Support Services provides visits throughout the pregnancy and up to two months postpartum to assess and teach about pregnancy, childbirth, child care and parenting. Client must be Medicaid Eligible or enrolled in MOMS (non-Medicaid MICH-Care Program). Infant Support Services include home visits for infants up to one year who are eligible for Medicaid. Includes assessment of child's development, nutrition and social needs.

Individuals Served **241**

Maternal Child Health (MCH)

Referrals are received from doctors and hospitals after delivery. Referrals and birth abstracts are screened for risk factors contacted by phone or mail, and referred to other services as needed. Congratulation letters are sent to new mothers.

Referrals **582**

Mail contacts **525**

Immunizations

Reduces vaccine preventable diseases by providing free or affordable immunizations to all people from birth through adulthood.

Client's Immunized **3430**

Flu Vaccine **1720**

Pneumococcal **57**

TB Skin Tests **513**



Health Services Continued

Reproductive Health Family Planning

Provides counseling, birth control supplies, pregnancy testing, and sexually transmitted disease information to men and women of child bearing age. Clients are seen by appointment and we offer two late clinics a month. We bill all insurances. We take into account client age, family size and income to determine the fee according to federal poverty guidelines.

Individuals Served 1489

Geriatric Services

Provides a community based program focusing on maintaining independence, preventing risks to health and well being and developing strategies to meet the health and medical needs of mature adults.

Services Provided 51

Presentations 7
Participants 79

Breast & Cervical Cancer Screening

Free Mammograms and Pap Smears provided to women ages 40-64 for those who meet the eligibility criteria.

STI

Our goal is to reduce the number of Sexually Transmitted Diseases through diagnosis, treatment and education. The fee for these services are also based on the federal poverty guidelines.

Abstinence Program

Through a grant from MDCH, we promote abstinence among young people across the county. The goal of the Abstinence Program is to positively impact the lives of youth ages 9-17 and their families through health promotion. These activities promote abstinence from sexual activity and discourage any illegal use or misuse of alcohol, tobacco, and other drugs in the community. This is accomplished through After School Programs and Day Camps.

Tobacco Reduction

Tobacco reduction seeks to decrease tobacco related morbidity and mortality in Tuscola County through prevention efforts. We maintain a coalition to assist with proactive efforts such as: educating the public, collaborating with local legislators, encouraging enforcement of existing laws, assisting with policy change, etc.

HIV/AIDS

Tuscola County Health Department provides free anonymous counseling and testing as well as referral and partner notification assistance.

Communicable Disease

The philosophy of the Communicable Disease (CD) Program is to reduce the incidence of communicable disease and infections through investigation, data collection/entry and analysis, case management, education, treatment, referral for care, feedback to providers, reporting of illnesses, and enforcement of the laws, rules, regulations and requirements in accordance with the Michigan Public Health Code Act 368 of 1978 and Michigan's Communicable Disease Rules, February, 2001.

Campylobacter	52	Hepatitis A	1
Chickenpox	62	Hepatitis B	4
Cryptosporidiosis	1	Histoplasmosi	0
EColi 0157	2	Kawasaki	0
Flu Like Disease	1370	Legionellosis	0
Giardiasis	2	Meningitis Aseptic	4
Guillain Barre	0	Salmonellosis	1
Hep C Acute	0	Shigellosis	4
Hep C Chronic	8	Strep Invasive	1
Hep C Unknown	0	TB Active Case	1
Animal Bites	62	Rabies (Bats)	2 treated



Environmental Health Services

Edward L. Kimbrue, R.S., Director of Environmental Health

Staff: Kent Singer, R.S., Jerry White, R.S., Tip MacGuire, R.S., Marsha Clark, Clerk II

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 the 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 the categories of: Water, Shelter, Food, Waste and Community Health. The following statistics falling under these categories reflect the services provided in fiscal year 2002-2003.

Food Service Program

To meet the public's expectations of safe and wholesome foods being served in any given establishment, regular inspections are conducted in all food service establishments in Tuscola County. Efforts in this program are key elements in assuring the meals we consume outside of the home are safe.

Fixed Food Service	165
Fixed Food Service	484
Transitory Food Inspections	5
Vending Inspections	5
Temporary Food	97
Foodborne Illness	9



Wastewater Management

Contact with raw or improperly treated sewage is the major method by which diseases are spread. Therefore, the proper disposal and treatment of sewage is a critical aspect of protecting public health. Under state and local code enforcement the Environmental Health Division performs permitting requirements, site evaluations, and installation inspections of all on-site sewage systems within Tuscola County.

On-site Sewage Disposal Permits	344
On-Site Sewage Disposal Inspections	622
On-Site Sewage Permits Commercial	2
On-Site Sewage Inspections Commercial	3





Surface and Groundwater Control

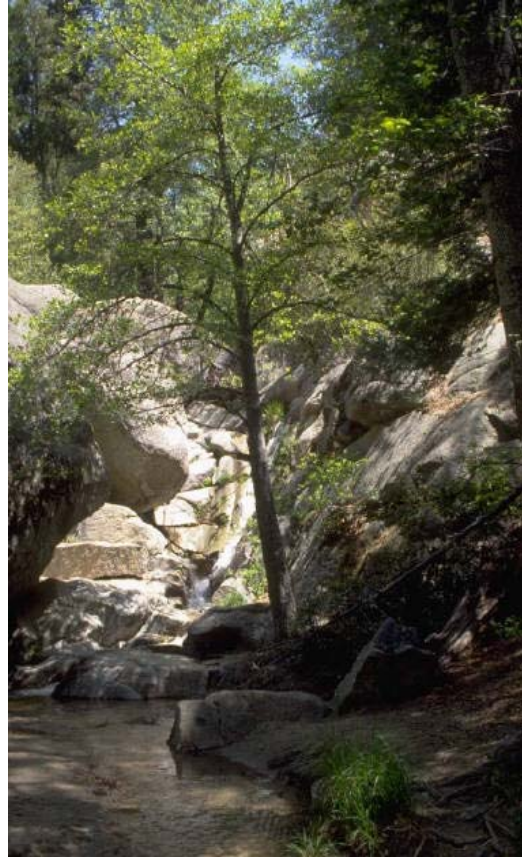
Basic to human life and public health philosophy, is the provision that a safe and adequate water supply is available to the individual and public. To this end, all wells in Tuscola County are installed under permit with well location being reviewed, proper isolations required, final inspections conducted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

Well Permits Issued 455

Final Inspections 295

Complaints Investigated 3

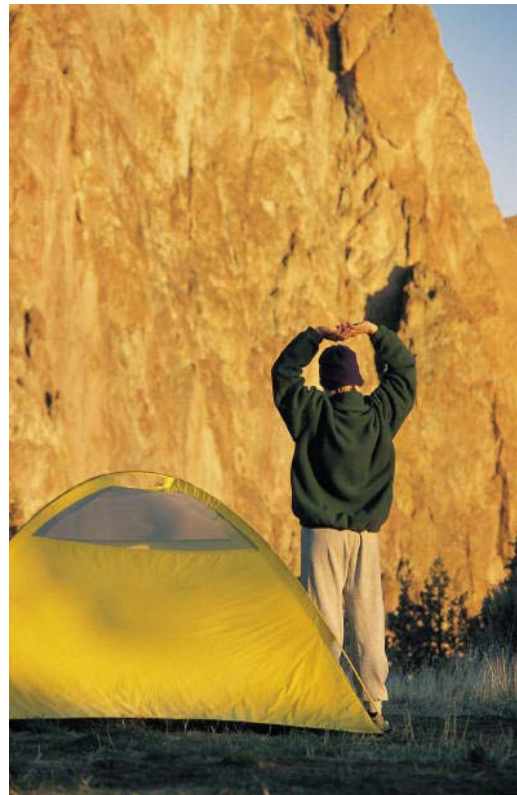
Operation/Maintenance Evaluations 76



Environmental Quality

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

Campground Inspection	14	Adult/Child Care Facilities	50
Mobile Home Park	35	Solid Waste	30
Public Swimming Pool	13	Hazardous Waste	6
Indoor/Outdoor Air	48	Animal Control	44
Radon	63	Residential Dwellings	2



FROM THE DESK OF DENNIS A. SMALLWOOD, D.O., MEDICAL DIRECTOR

It hardly seems possible that another year has passed. The terrible events of 9/11/2001 which changed our lives forever also continue to impact Public Health forcing ever widening responsibilities into fixed time frames and shrinking budgets. I often marvel while walking the halls of our Department how one can witness and participate in intense discussion of a “head lice problem” while next door community officials are meeting to craft plans and practice dealing with Bioterrorism; Smallpox, Anthrax, Botulism or Ebola.

Old problems and challenges persist such as the prevention of unplanned pregnancy, Tuberculosis, obesity, vaccination issues and preventable diseases while newly emerging diseases such as SARS, Monkey Pox, and West Nile Virus constantly demand new approaches and community based strategies for prevention. We appreciate the continued support of our public and their elected officials and remain committed to our mission to do our part to achieve the healthiest community possible.



WEST NILE VIRUS TRACKING

Mosquito Abatement and the Health Department worked closely in a coordinated effort to control the spread of the West Nile Virus (WNV) in humans. A web-based system for reporting of dead birds (Corbids or Crow family birds) was used to track the WNV infected birds. This system allowed for rapid reporting of the sightings, and provided a means for collecting the appropriate birds for WNV testing. The testing was done through tracing the county zip codes. Once a bird tested positive for WNV in that zip code—no other birds were tested from that zip code, but the information on the sightings was continued. Calculations of the number of dead birds per square mile were then used to estimate the level of risk for human infection in that area. Tuscola County had a total of 40 birds reported. There were two birds that tested positive for WNV—one in zip code 48744 and one in 48768. There were no human cases of Human West Nile Virus reported in Tuscola County.

PUBLIC HEALTH EMERGENCY PREPAREDNESS

Marshall Johnson from Marsh Risk Consulting provides 8 hours of training on Incident Command (IC) to local public health and hospital



Emergency Preparedness has been established to protect people in the community from infectious, environmental and terrorist threats. The health department received a grant from the Michigan Department of Community Health (MDCH) Office of Public Health Preparedness (OPHP) to better prepare for an all hazards approach for planning, preparedness and response to disasters that are natural, technological, or terrorist in origin.

The objectives for public health preparedness now are considered to be all-hazards in nature. Public health must integrate preparedness for chemical, radiological, and mass trauma threats to citizens' health with those caused by biological pathogens, whether these are caused by naturally occurring, accidental or terrorist- instigated events. At the same time, it is important to emphasize that all hazards preparedness for public health does not call for a separate set of mechanisms for response; it can be achieved by strengthening existing public health mechanisms for detecting and responding to infectious disease outbreaks, monitoring food and water safety, and dealing with the health effects of unintentional releases of hazardous chemicals.

Fiscal year 2002-03 brought new planning activities integrated with existing state and local emergency management infrastructure such as Michigan State Police and local (OEM), state (MDCH) and federal (FEMA, FBI) agencies. The first order of business was the development of the All Hazards Planning Committee which brought all the stakeholders into the planning process. A representative from over 20 agencies meets monthly to participate in planning efforts for Tuscola County.

New to the health department is the Michigan Health Alert Network (MIHAN) system. The MIHAN is a secure internet portal used to transmit alerts which are defined as updates or notifications about, international, national, state, regional or local health threats, incidents, outbreaks or other health emergencies among government entities and health care organizations. Fourteen staff members have been trained in the use of this system to send or receive alerts. Several staff has also received training in Crisis Emergency and Risk Communication which encompasses the urgency of disaster communication with the need to communicate risks and benefits to stakeholders and the public. Crisis and Emergency Risk Communication is the effort by experts to provide information to allow an individual, stakeholder, or an entire community to make the best possible decisions about their well being within nearly impossible time constraints and help people ultimately accept the imperfect nature of choices during the crisis.

Incident Command System (ICS) training was introduced to the health department in coordination with hospitals. ICS is the model tool for command, control, and coordination of response and provides a means to coordinate the efforts of individual agencies as they work toward the common goal of stabilizing the incident and protecting the life, property, and environment. We live in a complex world in which responding to emergencies, from single car accidents to large scale disasters, often requires cooperation among several agencies. ICS allows all agencies to function efficiently and effectively to an emergency response.

The Tuscola County Health Department continues to plan, prepare and train staff to handle all types of hazards. As we face new emerging diseases (SARS, West Nile Virus, Monkeypox), know that the health department is ready to protect all people in the community.