

Grand Traverse County Health Department

2014 Annual Report

DIVISIONS

Administration & Finance

Community Health

Emergency Management & Public Health Preparedness

Environmental Health & Animal Control

Medical Examiner - Benzie, Grand Traverse, & Leelanau Counties

Grand Traverse County Health Department (GTCHD) Service Locations

****Service hours are: M-F 8:00am-4:30pm (closed for lunch 12pm-1pm) , unless otherwise noted.**

Administration & Finance

Community Health

Emergency Management & Public Health Preparedness

Medical Examiner - Benzie, Grand Traverse & Leelanau Counties

2600 LaFranier Road, Ste. A

Traverse City, MI 49686

231-995-6100

****Late Community Health clinics -**

1st & 3rd Wednesdays until 6:30pm

Environmental Health

2650 LaFranier Road

Traverse City, MI 49686

231-995-6051

Animal Control

2650 LaFranier Road,

Traverse City, MI 49686

231-995-6080

****Services hours - 8:30am-5:00pm**

K-Town Youth Care

112 South Brownson Ave

P.O. Box 117

Kingsley, MI 49649

231-263-5895

Youth Health and Wellness Center

880 Parsons Road

Traverse City, MI 49686

231-922-6416

GTCHD Mission Statement:

We, the Grand Traverse County Health Department, are committed to providing professional, preventive health services.

We are entrusted to provide a compassionate and efficient approach to a progressive, comprehensive, holistic health goal accessible to individuals, families and the community. Through careful planning we mitigate the impact of diseases and disasters.

GTCHD Vision Statement:

We, the Grand Traverse County Health Department, envision a safe and healthy community in which to live, where health refers to “a state of complete physical, mental, and social well-being and not merely the absence of disease or infirmity” (World Health Organization). We remain dedicated to the promotion of this vision and all of its contributing elements.

Board of Health:

Herbert Lemcool, Larry Inman, Charlie Renny, Addison (Sonny) Wheelock, Jr., Christine Maxbauer, Dr. Dan Lathrop, and Richard F. Thomas.

Health Officer:

Wendy S. Trute, MPH, CPHA

www.gtchd.org

Message from the Health Officer:

2014 was a very busy year for the five divisions of the Grand Traverse County Health Department (GTCHD). We experienced many changes, growth and unprecedented events, but due to our planning, dedicated professional staff and hard work, we rose to the challenge. In public health, much of our work is done behind the scenes to keep the community safe from various public health threats and illnesses, like Ebola, Pertussis, Measles, Enterovirus D68 and foodborne illnesses. Our summary of 2014's accomplishments and highlights are listed below.

Wendy S. Trute, MPH, CPHA
Health Officer

2014 Health Department Accomplishments and Highlights

Administration & Finance Division

- Ebola Preparedness- A comprehensive, multi-departmental Ebola preparedness plan for the community was developed in conjunction with Munson Health Care and first responders (EMS, Firefighters, Law Enforcement, 911). The Ebola Team conducted two exercises to test various components of the plan and both the Infectious Disease physician leader and Health Officer presented the community response plan at a televised International Affair Forum hosted by NMC. The team received the Munson Safety Award for their efforts.
- Northwest Michigan Water Safety Network- The Health Department hosted the first expanded Northwest Michigan Water Safety Network group which will address all aspects of water safety via a collective impact model through its "Play it Safe in the Water" branding. The group secured a Tribal 2% grant to help fund local beach monitoring and 39 rescue stations to be installed at area beaches. The three main areas of focus are outreach and education, water quality and beach safety signage/equipment, and water safety classes. Each organization brings a unique perspective to the table and collectively will have more impact than each organization working on its own.
- Northern Michigan Public Health Alliance- Health Officers and Board of Health members representing six local health departments in Northern Michigan officially created the Northern Michigan Public Health Alliance in order to increase efficiency and enhance public health capacity across Northern Michigan.

Community Health Division

DISEASE CONTROL AND PREVENTION PROGRAMS

- Adolescent Clinics- Both K-Town Youth Care and Youth Health and Wellness Center have been recognized by Michigan Department of Community Health for their participation in a continuous quality improvement project to improve male participation at both health centers. Community Advisory Meetings were held for both clinics and satisfaction survey results reflect an overall 98% of students are "very satisfied" with our clinics, and 100% reported they would recommend our clinics to a friend.
- Reproductive Health- Awarded Competitive Grant Funding for Fiscal Years 2015 - 2018 for Family Planning Title X services. Staff also assisted clients with insurance enrollments and starting seeing more clients with health insurance in our clinics as a result of the Affordable Care Act, .
- Communicable Disease Reporting Enhancement- Staff worked closely with Grand Traverse area schools requiring that all schools report communicable diseases to GTCHD on a weekly basis and provided guidance to area schools regarding communicable diseases and school cleaning. Also provided area medical providers guidance on testing, treating, and reporting of reportable communicable diseases and animal bite follow up.
- Recognition for Pertussis Response Efforts- Received an award from the Board of Commissioners on our outbreak response and Communicable Disease follow up, as well as many positive comments from area physicians and staff from the Michigan Department of Community Health. Also, received approval for an additional full time public health nurse for the Communicable Disease program.

MATERNAL AND CHILD HEALTH PROGRAMS

- Children's Special Health Care Services- Doubled the number of home visits, providing high quality care to our clients, and increased significantly case management services to our children and families. Staff also participated in the Cherry Festival Special Kids Day activity by constructing a game board and making bean bags.

- Healthy Futures- The Healthy Futures program increased enrollments to 70% of all Grand Traverse County births, reaching a monthly census of over 1000 moms and babies. Staff tripled home visits, providing our moms and babies with impactful promising practice interventions to improve birth and infant outcomes.
- The Baby Comfort Station at the National Cherry Festival- this service for parents and babies continued to be very popular. It was staffed by GTCHD staff and community volunteers. The tent had almost 1000 visitors, 330 more visitors in 2014 than 2013. There were a greater number of mothers using it for breastfeeding than in the past.
- Women, Infant and Children (WIC) program- WIC completed its two year cycle management evaluation, receiving special recognition for eight areas, including integration of Maternal Infant Health Program and WIC services, excellence in Nutrition Education classes, and Breast Feeding Support program. Through a Prosperity Region 2 Childhood Lead Poison Prevention Program grant, we participated in Get Set for Summer and Keeping Kids Safe events. Finally, WIC initiated a collaborative project with the immunization program to increase immunization rates for the children being served through WIC's Project Fresh Program.
- Immunizations- Successful implementation of the full electronic health records prior to our go live date of January 31st, 2014. New in 2014 was the State Immunization Report Card, available publicly on-line at www.michigan.gov/immunize, for every county in Michigan. This will show our immunizations compared to the State and National levels and will also provide our County rank and comparison to the Healthy People 2020 Goals.
- Maternal Infant Health Program- Successfully received full State certification for the next 18 months and achieved the highest census (335) this calendar year, as well as the highest productivity ever (3.77) for employees working this program. GTCHD also hosted a public health nursing and social work continuing education workshop in April on the *Stages of Change and Motivational Interviewing*. The program was well attended with nearly 40 participants from several local health departments in the region.

Environmental Health & Animal Control Division

- National Cherry Festival Food Vendors- The Environmental Health staff was busy throughout the week of the National Cherry Festival inspecting over 26 temporary food venues along with numerous Special Transitory Food Units to insure the foods being offered to thousands of visitors were being handled properly. Our staff was present throughout the festival doing additional spot checks of all food vendors, checking hot and cold food temperatures, observing food preparation, food handling, personal hygiene, etc.
- Mercury Spill Response- Staff coordinated the clean-up of elemental mercury in February of 2014 at a local health clinic as a result of the release of mercury from an old sphygmomanometer (blood pressure device). Our Department worked closely with the clean-up contractor, Environmental Protection Agency on-site coordinator, and the Michigan Department of Community Health. The medical clinic was closed for approximately two and a half days during the clean-up period.
- Beach Monitoring Report for 2014 Season- The monitoring of our beach surface waters for E.coli bacteria on East and West Grand Traverse Bays occurred from June 12, 2014 through September 4, 2014. The 2014 monitoring data showed that of all sample events throughout the 13 week monitoring period, 92% of samples showed our beaches were at Level 1 (E.coli levels met Michigan Department of Environmental Quality (MDEQ) swimming standards for full body contact). 6% of sample events resulted in Level 2 advisories (E.coli levels met MDEQ standards for wading, fishing, and boating. Contact above the waist not advised). There were three single Level 3 advisories (no body contact) where E.coli levels exceeded MDEQ standards.
- Response to Biosolids Release from Regional Wastewater Treatment Plant- A Public Health Advisory was issued by the Environmental Health Division on Wednesday, August 20, 2014 in response to a release of biosolids from the Regional Wastewater Treatment Plant at the north end of Boardman Lake. A Level 4 advisory (gross contamination of beach waters, avoid body contact with water) was issued at Clinch Park and Bryant Park beaches as a precautionary measure. The public was advised to avoid any contact of the waters at the north end of Boardman Lake, the lower Boardman River to the mouth of West Grand Traverse Bay and beach areas from Clinch Park to Bryant Park. Follow-up surface water samples taken at both Clinch and Bryant Park beaches, showed E.coli levels to be acceptable for full body contact. The Public Health Advisory was lifted on Friday, August 22nd, 2014.

Emergency Management & Public Health Preparedness Division

EMERGENCY MANAGEMENT

- Planning- Much of the year was focused on updating and preparing a new county Hazard Mitigation Plan, as well as a complete overhaul of the county Emergency Operations Plan and numerous municipal/township support plans. Additional planning activities were conducted for the Bayshore Marathon, Traverse City Film Festival, Traverse City Triathlon, and the Northwestern Michigan Fair.
- Training/Exercise- Numerous trainings and exercises were conducted for and with the public safety agencies of the County. The topics included: active shooter, hazardous materials, food emergencies, public information officer, damage assessment and domestic terrorism.
- Event/Incident Deployments- The Emergency Manager deployed the mobile command post in support of a Unified Command Center for National Cherry Festival and a double homicide/hostage situation in Kalkaska County. The Emergency Manager also responded and assisted public safety agencies on an overturned propane tanker and hazardous materials incident in Traverse City.

PUBLIC HEALTH PREPAREDNESS

- Exercises— A Grand Traverse County Full Scale Point of Dispensing and Biohazard Detection System Exercise was conducted on September 17th, 2014. The full implementation of the Point of Dispensing “Go Kit #1” was tested and GTCHD dispensed placebos to 15 volunteers in order to exercise the operations of dispensing a prophylaxis to the community. This exercise was coupled with the activation of the US Postal Service Biohazard Detection System Operations exercise in which the GTCHD is in control and authority over the USPS prophylaxis that is to be distributed to US Postal Service employees during such an operation.
- POD Go Kits- Developed four strategically placed Point of Dispensing Go Kits, operational cages on wheels that contain all materials needed to be utilized in a mass dispensing operation. Each of the kits has a predetermined location to be sent to during a designated mass dispensing operation in Grand Traverse County. A full written manual has been developed to ensure the proper usage of these kits during their operation.
- Ebola and Pertussis Response and Operations— The Emergency Preparedness Coordinator played a key role in the daily pertussis outbreak operations that were conducted for nearly three months in 2014. Emergency Preparedness operation and Incident Command operation plans were utilized by GTCHD staff. During pertussis related operations, the office served as the primary point and Public Information Officer for media and additional communication streams for the Health Department. The coordinator also worked closely with Munson and primary first response agencies to ensure proper protocols and procedures were updated and that all agencies had a plan for proper personal protection equipment. Furthermore, the coordinator worked internally with GTCHD plans and procedures to prepare the Health Department for such infectious disease threats.

Medical Examiner Division

- Tri-County Medical Examiner’s Office Established- After the passing of longtime area physician and Medical Examiner, Dr. Matthew Houghton, a regional medical examiner office intergovernmental agreement for shared medical examiner services between Benzie, Leelanau and Grand Traverse Counties, was approved by all three County Boards. The regional medical examiner agreement took effect November 1, 2014 and is staffed by Jamie Warnes, Senior Forensic Investigator, Nicole Fliss, Medical Examiner and Kari Young, Deputy Medical Examiner, who all became Grand Traverse County employees. A \$50 cremation permit fee was approved by the board to go into effect January 1, 2015. The GTC Health Department continues to provide administrative and fiscal oversight and support to this division.

COMMUNITY HEALTH DIVISION

The Community Health Division of GTCHD provides a multitude of services to protect the health of Grand Traverse County residents. These services include immunizations, communicable disease monitoring and prevention, reproductive health services, pregnancy support, infant and children services, as well as health education and referrals.

Many of the Community Health programs specifically promote the health and well being of pregnant women, newborns, mothers, infants, and children. One such program, Women, Infants and Children (WIC), ensures essential nutrition assistance is received by both pregnant women and infants in need. In addition, WIC provides peer counselors to help support mothers efforts with breastfeeding. The Maternal Infant Health Program (MIHP) provides assessment and support for families through nurses, social workers, and/or registered dietitians. Another program, Healthy Futures, a partnership program with Munson Healthcare, provides on-going support and information to mothers-to-be, newborns, and children up to age two. Furthermore, Children's Special Health Care Services (CSHCS) program, within the Michigan Department of Community Health, offers assistance for children and young adults with special health care needs. Additionally, we have two youth clinics for ages 10-21; K-Town Youth Care, located in Kingsley on Brownson Avenue and the Youth Health and Wellness Center, located at the TBAISD Career-Tech Center on Parsons Road in Traverse City.

	Women, Infants and Children (WIC) Average Caseload	Maternal Infant Health Program Number of Visits	Children's Special Health Care Services Average of Active Children	Healthy Future Participants Average Caseload	Adolescent Health Total Client Visits
2014	2,445	3,459	293	948	1,268 (YHWC) 1,151 (K-Town)
2013	2,383	3,201	298	976	1,362 (YHWC) 1,087 (K-Town)
2012	2,362	3,543	277	975	1,706 (YHWC) 977 (K-Town)

* YHWC ~Youth Health & Wellness Center, K-Town ~ K-Town Youth Care

Other services the Community Health Division makes available to the community include; vision and hearing screenings, dental care (Dental Clinics North), and age appropriate immunizations, including seasonal flu shots. Reproductive Health is yet another Community Health Division program. This program's services provide confidential testing and treatment of sexually transmitted infections for men and women, birth control information, referrals to OB-GYN offices, breast & cervical cancer screenings, and HIV counseling.

	Vision Screenings Total Provided	Hearing Screenings Total Provided	Immunizations Number of Vaccines Administered	Reproductive Health Number of Client Visits	Dental Clinics North* Number of Clients Served
2014	6,041	5,553	4,359	1,805	6,544
2013	6,450	4,641	5,108	2,469	6,094
2012	3,032	7,183	5,417	2,340	6,032

*Contracted through Northwest Michigan Community Health Agency.

Communicable Disease Surveillance and Control is the final core program within the Community Health Division. Through this area of focus, Public Health Nurses investigate communicable disease outbreaks in the community by collecting disease data and conducting ongoing disease surveillance. Reported cases of communicable disease for the past three years are seen on the chart below:

Reportable Communicable Diseases

Disease	2012	2013	2014
TB	1	0	0
Chlamydia	247	249	288
Gonorrhea	8	9	7
Campylobacter	7	10	8
STEC (Shigatoxin Producing EColi)	1	0	2
Salmonella	6	12	9
Shigella	0	0	0
Giardia	6	8	4
Hepatitis A	1	1	0
Hepatitis B, Acute	1	1	0
Hepatitis C, Acute	2	3	1
Listeria	0	0	0
Pertussis	1	2	90 ¹
Bacterial Meningitis	1	1	1
Aseptic Meningitis	5	5	10
Neisseria Meningitis	0	0	2
Invasive Gr A Strep	0	0	5
HIV	3	3	38 ²
Syphilis	2	3	2
Legionella	0	0	0
Chicken Pox	34	20	9
Kawasaki	0	0	0
West Nile Virus	0	0	0
Other Reportable Diseases	<ul style="list-style-type: none"> • 1 H. Influenza B • 1 Lyme Disease • 4 Cryptosporidiosis • 1 Yersinia Enteritis • 1 Rabies - Bat • 21 Fungal Infections related to contaminated steroid injections 	<ul style="list-style-type: none"> • 4 Cryptosporidiosis • 1 Coccidioidomycosis • 1 Guillain Barre • 1 Histoplasmosis • 1 Dengue Fever 	<ul style="list-style-type: none"> • 2 Cryptosporidiosis • 2 Coccidioidomycosis • 2 Guillain Barre • 1 Histoplasmosis • 2 H. Influenza C • 2 Measles • 11 Strep Pneumonia <p>¹ Outbreak ²Change in HIV reporting</p>

EMERGENCY MANAGEMENT & PUBLIC HEALTH PREPAREDNESS DIVISION

Protecting the health and safety of every resident in Grand Traverse County is the purpose of the Emergency Management and Public Health Preparedness Divisions.

Emergency Management

Because it is never known when a disaster may strike, our professional team has developed an Emergency Operations Plan (EOP) and stands ready to initiate and direct the plan in the event of a full-scale emergency. This past year brought a complete re-write of the EOP to have it be more functional as well as an update to the Natural Hazard Mitigation Plan.

In addition to the EOP, regular surveillance, testing, practice drills, and review of emergency policies and procedures is an on-going responsibility of this Division. The Grand Traverse County Emergency Management Division works closely with Emergency Management Coordinators of the Region 7 Homeland Security Planning Board, the Local Emergency Planning Committee, the 9-1-1 Central Board, the Local Planning Team, all Grand Traverse Planning Committees, the 9-1-1 Central Board, the Local Planning Team, all Grand Traverse County Public Safety agencies as well as other Emergency Preparedness committees and community partners to ensure a coordinated, effective response to any regional emergency or disaster event.

2014 Training, Exercises and Events

- *Agricultural Based Disasters and Terrorism* training and exercises were attended by 60+ local, state, and federal response agencies.
- Provided a table top exercise to prepare National Cherry Festival (NCF) staff in the event of an emergency.
- Participated in Grand Traverse Mall Active Shooter table top and functional exercises.
- Prepared CodeRED notification and severe weather instructions to all State Parks Campgrounds to assist visitors with effective safety information.
- Public Information Officer training workshop to train multiple officials specifically in releasing important information during times of an emergency or disaster.
- Worked with County Safety Committee, Local Emergency Planning Committee (LEPC), and other Public Safety agencies – continued to build a robust Reverse Notification System to notify citizens of dangerous situations, lockdown situations, etc.
- Spring Weather Spotter and Severe Storms training was provided by the National Weather Service and Emergency Management for 30+ citizens.
- Winter Storm Spotter Talk - 20 people attended regional weather wise informational meeting.
- Participated in over 50 TCAPS lockdown drills. All public and private schools in County conducted three drills each, throughout the year.
- Emergency Management Mobile Command Post was active for 10 days of National Cherry Festival and served as a Unified Command Post for 14 public safety agencies to coordinate and communicate effectively during the large events.
- Participated in a table top exercise at Pugsley Correctional Facility.
- Developed and implemented a county government building safety policy regarding violent incidents.
- Hosted the pilot release of a new federal designed Response to Food Emergencies for Public Safety Agency Managers that was attended by 50+ local, state, and federal personnel.

Public Health Preparedness

The Grand Traverse County Health Department Public Health Preparedness Division works closely with local and regional emergency planners and first responders to ensure that a coordinated, operational, and effective response to a multitude of public health emergencies exists.

2014 Training, Exercises and Events

- The Office of Emergency Preparedness assisted the pertussis outbreak response operations that were conducted for nearly 3 months in Grand Traverse County. Emergency Preparedness operations and an Incident Command structure was conducted and overseen by the office of Emergency Preparedness (EP) as well as public information and content that was released as the Emergency Preparedness Coordinator (EP) served as the primary Public Information Officer (PIO) for the duration of the event.
- The office of Emergency Preparedness served a role in the planning, preparing for, and the distribution of information regarding Ebola emergency response operation plans for Grand Traverse County.

- Grand Traverse County Health Department partnered with the United States Postal Service and conducted a full scale exercise in response to a biological event. The exercise included a full scale Point of Dispensing operation conducted by the Grand Traverse County Health Department Emergency Response Staff.
- Point of Dispensing (POD) Go Kits were developed, constructed, and strategically placed in preparation for mass dispensing operations along with completed written manuals proper usage, during the operational period.
- The Grand Traverse County Health Department Strategic National Stockpile (SNS) plan was completely renovated and switched over to the State of Michigan provided SNS template.
- The Grand Traverse County Crisis Emergency Risk Communications (CERC) plan was updated and contact information for emergency response personnel county and region wide was updated.
- An Incident Command Structure more specific to public health operations has been adopted by the office of EP and has begun to be implemented into GTCHD Incident Command System (ICS) operations during exercises and real world operations.
- Grand Traverse County Health Department Public Health Preparedness Coordinator was appointed as the primary point of contact position for Region 7 of Michigan's Public Health Emergency Preparedness Workgroup representation.

MEDICAL EXAMINER DIVISION

2014 Summary of Medical Examiner (ME) Cases

The Medical Examiner's office provides death investigative services and coordinates forensic autopsy services for deaths that occur in Grand Traverse County. All deaths that are sudden or unexpected or occur from other than natural causes must be reported to the Medical Examiner. In 2014, over 1,300 cases were referred to the ME office resulting in 119 of the cases needing further investigation. Of the 119 cases, 45 (38%) of the cases were determined to be natural causes, 47 (39%) were due to accidental causes, 23 (19%) were suicides and 2 (1%) were homicides. Sixty-two percent (74) of the cases were male and 38% (45) of the cases were females.

Five percent (6) of the cases were in children ages 0-18. These deaths are reviewed quarterly by the Child Death Review team in order to improve our understanding of how and why children die, to demonstrate the need for and to influence policies and programs to improve child health, safety and protection and to prevent other child deaths in our community.

	2012	2013	2014
Total number of cases referred to Medical Examiner's Office	1,154	1,343	1,412
Cremation Permits investigated and authorized	828	978	936
Number of cases referred back to attending physicians	188	223	217
Total number of cases investigated with cause of death determined and death certificates signed	138	133	119
Postmortem physical examinations performed	110	94	62
Forensic autopsies ordered	10	9	21

ENVIRONMENTAL HEALTH & ANIMAL CONTROL DIVISION

The Environmental Health Division protects the public's health through programs established by the Public Health Code and local Sanitary Ordinances. The programs focus on the prevention of disease and exposure to pollutants via education, inspection of facilities, and enforcement of state laws and local ordinances. Most of the prevention and abatement of environmental threats are accomplished through education of the clients and the general population.

The Environmental Health programs include:

- Food service inspections
- Beach monitoring
- Septic and well permits
- Site Surveys
- Subdivision plan reviews
- Septage vehicle inspections
- Groundwater protection
- Body art licensing
- Child care facility inspections
- Rodent and insect control investigations
- Public pool and campground inspections
- Environmental complaint investigations

Program	Services	Number of Services		
		2012	2013	2014
On-Site Water and Waste Water	Well Permits	257	340	294
	Sewage Permits	297	394	304
Food Service	Routine Inspections	522	539	548
	Follow-up Inspections	119	169	127
	Vending Inspections	32	39	28
	Enforcement Hearings	9	8	3
	Food Borne Investigations	0	0	0
	Public Complaints	23	22	24
	Temporary Permits	80	98	104
Public Pool & Campground Monitoring	Campground Inspections	19	19	20
	Public Swimming Pool Inspections	94	93	95
Beach Monitoring (seven public beaches on East & West Grand Traverse Bay)	Level 1 Samples (full body contact allowed)	147	135	103
	Level 2 Samples (contact above waist not advised)	141	130	93
	Level 3 (contact with water not advised)	6	4	7
	Level 4 (gross contamination of beach waters, avoid body contact)	0	1	3
		-	-	1*

*Precautionary advisory.

Animal Control

The Grand Traverse County Health Department provides Animal Control services for all of the Grand Traverse region. Under the supervision of the Environmental Health Director, there are two certified Animal Control Officers, who patrol and protect County residents and animals. These officers are authorized to investigate possible dog related law violations and take appropriate enforcement action, including citations. Additionally, our officers work with the Health Department's Communicable Disease program for the control of rabies and other zoonotic diseases.

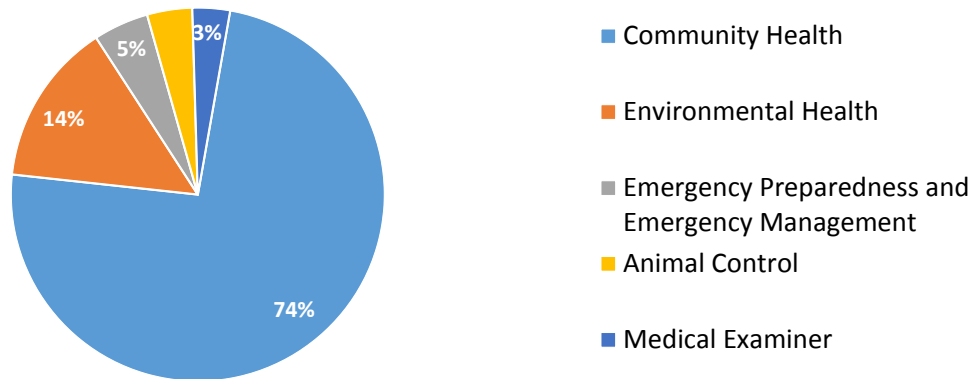
Services	Number of Cases		
	2012	2013	2014
Complaint Investigations	467	651	751
Dogs Seized & Impounded	261	283	261
Dogs Redeemed (claimed by owners)	98	97	118
Citations Issued	171	85	85

2014 FINANCIAL SUMMARY

Expenditures

Community Health	\$4,105,653
Environmental Health	\$784,162
Emergency Preparedness and Management	\$265,400
Animal Control	\$216,820
Medical Examiner	\$180,386
Total	<u>\$5,552,421</u>

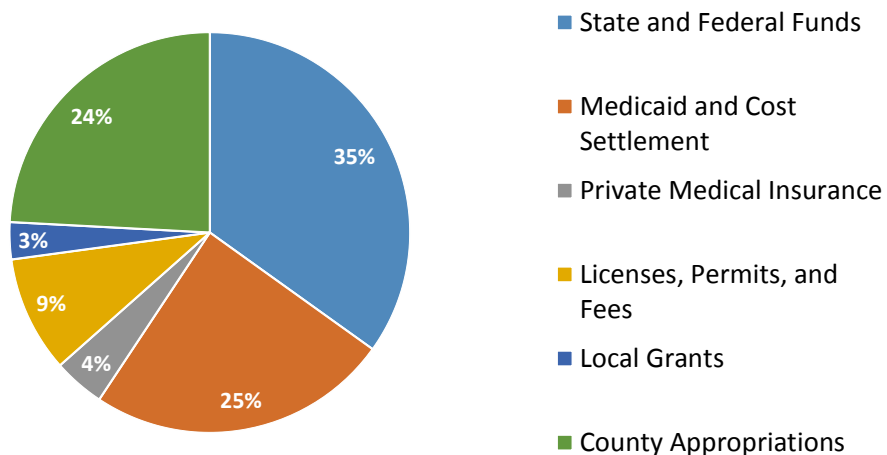
Expenditures



Revenues

State and Federal Funds	\$1,877,211
Medicaid and Cost Settlement	\$1,313,415
Private Medical Insurance	\$222,922
Licenses, Permits, and Fees	\$505,036
Local Grants	\$160,609
County Appropriations	<u>\$1,299,907</u>
Total	<u>\$5,379,099</u>

Revenues



COMMUNITY COLLABORATIONS

Collaboration Partners

GTCHD is proud to collaborate with multiple area health care professionals and organizations to bring additional services, education projects, and information to our region. These collaborative partners include:

- A.C. Paw
- Alliance of Michigan
- American Red Cross
- Benzie County
- Benzie-Leelanau District Health Department
- Central Michigan University
- Cherryland Humane Society
- City of Traverse City
- Community Action Agency
- Concerned Citizen Advocates
- Dental Clinics North
- District Health Department 10
- Ferris State University
- Grand Traverse Community Collaborative
- Grand Traverse County Sheriff's Office Marine Division
- Grand Traverse County Parks & Recreation
- Grand Traverse Metro Fire
- Grand Traverse Bay Power Squadron
- Grand Traverse Area Hospitality Association
- H.A.N.D.D.S
- Health Department of Northwest Michigan
- Kingsley Area Schools
- Kirtland Community College
- Leelanau County
- Local Water Safety Expert
- Master Swim Team/TCOWS
- Michigan Association for Local Public Health
- Michigan Department of Agriculture & Rural Development
- Michigan Department of Community Health
- Michigan Department of Environmental Quality
- Michigan Land Institute
- Michigan Primary Care Association
- Michigan State University
- Michigan Sea Grant
- MSU Extension
- National Weather Service
- Municipalities and Townships
- Munson Healthcare
- National Cherry Festival
- Northern Michigan Substance Abuse Services
- Northwest Michigan Health Services, Inc.
- Oakland University
- Perinatal Regional Planning Group
- Pine Rest Christian Mental Health Services
- Region 7 Homeland Security
- Safe Kids North Shore
- School Community Health
- Shape Up North Community Awareness Committee
- The Rock
- The Watershed Center
- Third Level Crisis Counseling
- Traverse Bay Area Intermediate School District
- Traverse City Area Public Schools
- Traverse City Film Festival
- Traverse Health Clinic & Coalition
- United States Coast Guard
- University of Michigan
- Village of Kingsley
- Watershed Center of Grand Traverse Bay
- Wayne State University

Collaboration Projects

- Baby Comfort Station
- Beach Monitoring Program
- Birthing Hospital Mini-Grants
- Breast and Cervical Cancer Screening Program
- Child Death Review
- Childhood Lead Poison Prevention
- Coalition Health Access Program
- Community Health Needs Assessment
- Dog Adoption to Local Rescues
- Early On
- Grand Traverse Baby Pantry and Laundry Project
- Great Start Initiative
- Head Start
- Healthy Futures
- Local Emergency Planning Committee
- Love for Children
- Multiple Collegiate Clinical Rotations
- Munson Community Health Committee
- Northern Michigan Cross Jurisdictional Sharing Team
- Northern Michigan Diabetes Initiative
- Northern Michigan Maternal Smoking Cessation Workgroup
- Northern Michigan Public Health Alliance
- Northwest Michigan Water Safety Network
- Pediatric Cardiology Clinic
- Perinatal Regional Initiative
- Poverty Reduction Initiative
- Pre-natal Substance use Disorder Committee
- Project Fresh
- Region 7 Emergency Preparedness
- Shaken Baby Syndrome Work Group
- Teen Parent Program
- Traverse Bay Area Tobacco Coalition
- Tri-County Medical Examiner
- Vaccines for Children
- Water Safety Task Force

2014 HEALTH DEPARTMENT STAFF

Administration

Health Officer
Wendy S. Trute, M.P.H., C.P.H.A.

Medical Director
Dr. Michael Collins, A.B., M.D.

Outreach Coordinator/Public Information Officer
Rose Ann M. Davis, B.A., P.P.M.

Administrative Secretary
Debbra Miner, B.A.

MIS Technician
Rich Pantano, A.A.S

Finance & Administrative Services

Director
Jere Pugh, B.S.B.A.
Marissa Milliron, C.P.A., M.B.A.

Accountant
Erin Carlson, B.B.A.

Staff:
Kurstan Crawford, Account Clerk Specialist
Carol Ritter, A.A.S. Accounting Technician

Environmental Health & Animal Control

Director
Tom Buss, B.S., R.S.

Environmental Health Coordinator
Randy Emeott, B.S., R.S.

Staff:
Cindy Burkhardt, A.A.S. Certified Animal Control Officer
Eric Burt, B.A., R.S. Sanitarian
Edward Hickey, Certified Animal Control Officer
Mike Kolbusz, B.A., R.S. Sanitarian
Craig Preston, B.A., R.E.H.S. Sanitarian
Leslie Maher, B.S. Office Specialist
Dan Thorell, M.S., R.S. Sanitarian

Emergency Management & Public Health Preparedness

Emergency Management Supervisor
Gregg Bird, B.S., P.E.M.

Emergency Preparedness Specialist
Michael Lahey, B.S., M.P.H.

Medical Examiner

Chief Medical Examiner
Dr. Nicole J. Fliss, M.D.

Deputy Medical Examiner
Dr. Kari Young, D.O.

Forensic Investigator
Jamie Warnes, B.S., R.N.

Community Health

Disease Control & Prevention Services Director
Martha Thorell, R.N., B.S.N., M.P.A.

Adolescent Health Supervisor
Chris Roggen, R.N., B.S.N.

Maternal & Child Health Services Director
Jodi Kelly, R.N., B.S.N., M.S.

Program Supervisor Maternal & Child Health Services
Lori Wesolowski, R.N., B.S.N., M.S.

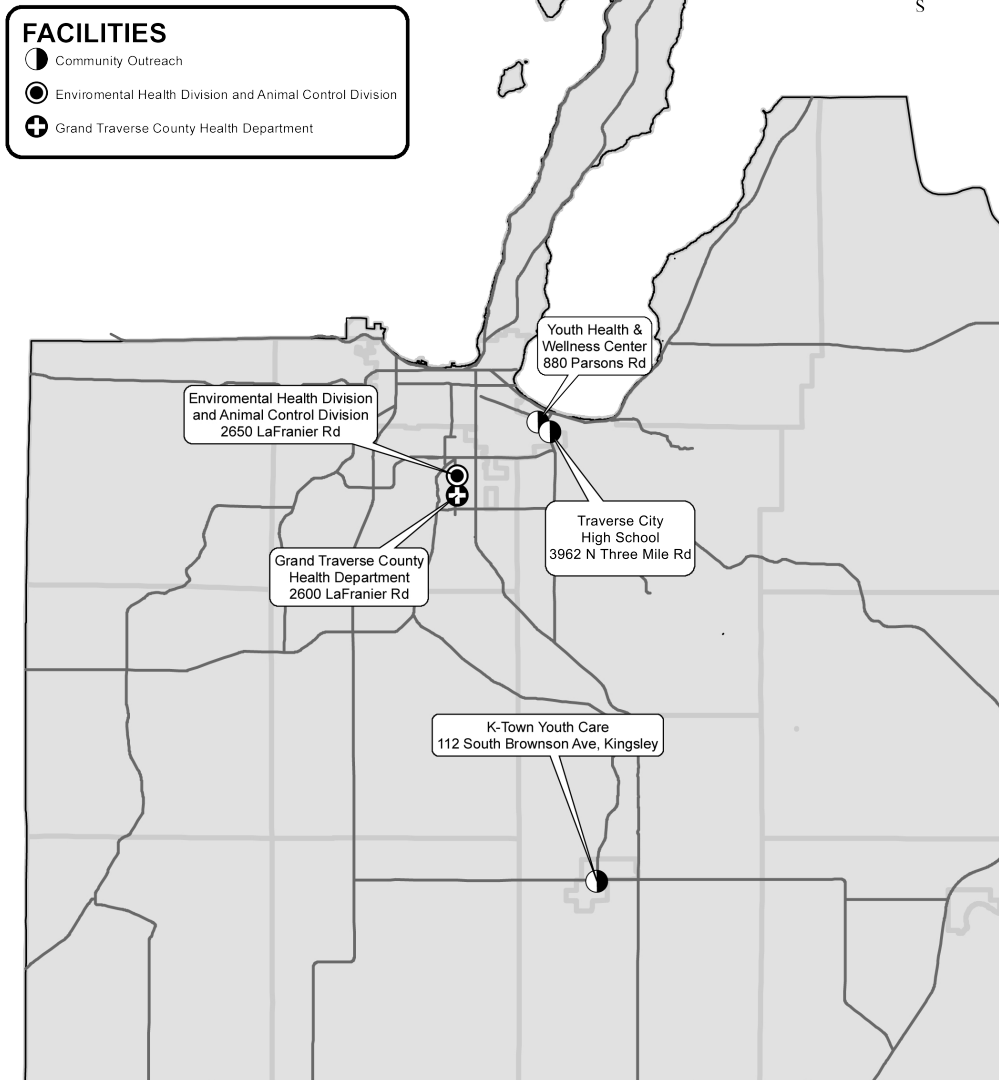
Immunization Lead
Shelia Corner, R.N., B.S.N. Public Health Nurse

Clinical Informatics
Kim White, R.N., B.S.N. Public Health Nurse

Staff:
Amber Alderman, R.N., B.S.N. Public Health Nurse
Dianna Anderson, Administrative Secretary
Pat Ashworth, Office Specialist
Jamie Beck, R.N., B.S.N. Public Health Nurse
Patricia Berens, C.H.T., C.V.T. Vision/Hearing Technician
Suzanne Cork, L.P.N., C.H.T., C.V.T. Licensed Personal Nurse
Deborah Deering, R.N., B.S.N. Public Health Nurse
Patricia Drake, R.N., B.S.N. Public Health Nurse
Patricia Friedli, A.N.P. - B.C. Nurse Practitioner
Melissa Goodchild, B.S., R.D. WIC Coordinator
Chimene Harrison, Personal Health Technician
Traci Harvey, R.N., B.S.N. Public Health Nurse
Anne Hughes, M.S.N., F.N.P. - B.C. Nurse Practitioner
Erin Johnson, R.N., B.S.N. Public Health Nurse
Karen Johnson, R.N., B.S.N. Public Health Nurse
Sharon Johnson, C.M.T. Office Specialist
Laurie Johnston, Office Specialist
Lindsay King, L.M.S.W., C.P.S.-M Social Worker
Vikki Klingelsmith, A.A.S. Hearing & Vision Coordinator
Carolyn Kristof, B.S. Personal Health Technician
Laura Laisure, R.N., M.S. Public Health Nurse
Amy Leiva, R.N., B.S.N., Adolescent Health Supervisor
Alicia Mason M.S.N. F.N.P. - B.C. Nurse Practitioner
Carol McKee, R.N., M.S.N. Public Health Nurse
Heide McNichols, R.N., B.S.N. Public Health Nurse
Jessica Meister, Public Health Technician
Kimberly Michels, M.S.N., F.N.P. Nurse Practitioner
Amy Miner, R.N., B.S.N. Public Health Nurse
Rebecca Noonan, B.S., R.D. Registered Dietitian
Marie Nugent, R.N., A.D.N Public Health Nurse
Theresa Orlikowski, R.N., A.D.N Public Health Nurse
Jennifer Pedroza, M.S.W. Social Worker
Robin Ratcliffe, B.S., R.D. Registered Dietitian
Diane Reeder, Personal Health Technician
Danielle Rice, Vision/Hearing Technician
Lavonia Seidel, Office Specialist
Heather Stoops, R.N., A.D.N. Public Health Nurse
Amanda Stuart, Breast Feeding Peer Counselor
Christine Thompson, Breast Feeding Peer Counselor
Deb Truran, R.N. Public Health Nurse
Ramona Williams, Office Specialist
Janice Wurm, Personal Health Technician

2014

GRAND TRAVERSE COUNTY HEALTH DEPARTMENT SERVICE LOCATIONS



Grand Traverse County Health Department, 2600 LaFranier Road, Ste. A, Traverse City, MI 49686

231-995-6100, www.gtchd.org