

LAPORTE COUNTY HEALTH DEPARTMENT



ANNUAL REPORT 2010

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MISSION STATEMENT:

To engage and partner with the community and local organizations in a collaborative and responsive effort to provide the optimal health and well being of all the residents of our county with respect to the diversity of the community which challenges us to enhance our skills to better serve the present and future generations.

VISION:

“Serving the Public Health Needs of LaPorte County”



HEALTH DEPARTMENT ADMINISTRATION

Charles T. Janovsky, MD, Health Officer
Paul E. Trost, Administrator (retired April 30, 2010)
Tony Mancuso, Administrator
Nancy L. Meehan, Administrative Assistant/Office Manager LaPorte Office
Julie Davies Downie, Administrative Assistant/Office Manager Michigan City Office
Lana Buckles, Environmental Health/Food Supervisor
Joanne Hardacker, RN, Nursing Supervisor

HEALTH DEPARTMENT ATTORNEY

Christopher Willoughby

HEALTH DEPARTMENT STAFF MEMBERS

CLERKS

Mary Allen, Vital Records Registrar
Jayme Staggers, Vital Records Registrar
Michelle Bealor, Public Health Clerk
Linda Fike, Public Health Clerk
Kristen Joseph, Public Health Clerk
Doris Wallace, Public Health Clerk

NURSES

Judy Erow, RN, Public Health Nurse
Carrie Lafountain, RN, Public Health Nurse
Jennifer Smith, RN, Public Health Nurse
Debra Shelley, RN, Public Health Nurse
Mike Workman, RN, Public Health Nurse
Debra Holtzlander RN, Part-time Public Health Nurse
Marcia Metzcus, RN, Part-time Public Health Nurse
Diane Sudlow, RN, Part-time Public Health Nurse

ENVIROMENTAL HEALTH/FOOD

Amanda Keane, Environmental Health/Food Specialist
Patty Nocek, Environmental Health/Food Specialist
Cheri Johnston, Environmental Health/Food Specialist
Julie Cuson, Environmental Health/Food Specialist
Patricia Wozniak, Environmental Health/Food Specialist
Ken Johnston, Environmental Health/Food Specialist/Preparedness Planner

WATER LABORATORY

Cynthia Ebert, Technician

ENVIRONMENTAL PLANNER/HEALTH EDUCATOR

Ann Klute

LAPORTE COUNTY BOARD OF COMMISSIONERS

Barbara Huston, President	Jan 2009-Dec 2012
Michael Bohacek, Vice President	Jan 2007-Dec 2010
Kenneth Layton	Jan 2009-Dec 2012

LAPORTE COUNTY COUNCIL

Mark Yagelski, President	Jan 2007-Dec 2010
Matthew Bernacchi	Jan 2009-Dec 2012
Earl Cunningham	Jan 2007-Dec 2010
Scott Ford	Jan 2009-Dec 2012
Terry Garner	Jan 2007-Dec 2010
Richard Mrozinski	Jan 2007-Dec 2010
Lois Sosinski	Jan 2009-Dec 2012

LAPORTE COUNTY BOARD OF HEALTH

Michael Sandy, President	Jan 2007-Dec 2010
Amarnath Agrawal, MD	Jan 2009-Dec 2010
Rakesh Gupta, MD	Jan 2009-Dec 2012
Michael Jones, Vice President	Jan 2008-Dec 2011
Doretha Sanders	Jan 2008-Dec 2011
J. Willard Simcox	Jan 2009-Dec 2012
Sherry Waters	Jan 2009-Dec 2012

EXECUTIVE SUMMARY OF 2010

HEALTH BOARD: The LaPorte County Board of Health consists of seven (7) members who serve four-year terms on a staggered basis and are appointed by the LaPorte County Board of Commissioners. The Health Board elects its own officers each year. Michael Sandy served as the President of the Health Board in 2010.

HEALTH OFFICER: The Health Officer serves a four (4) year term in a part-time capacity and is appointed by the Board of Health. In 2009, Dr. Charles T. Janovsky, was reappointed by the Health Board to serve a second term, 2009 thru 2012.

ADMINISTRATOR: The Administrator of the LaPorte County Health Department manages the daily operations of the Health Department. In January 2010, Mr. Paul Trost was the administrator until he retired in April 2010. The current administrator is Mr. Tony Mancuso and he has served in this position since May of 2010.

STAFF: In 2010, the LaPorte County Health Department operated with a staff of 23 full-time employees, 4 part-time employees, and 4 seasonal interns.

DEPARTMENTS: The Health Department provides various services to the LaPorte County area. The following is a brief description of each section.

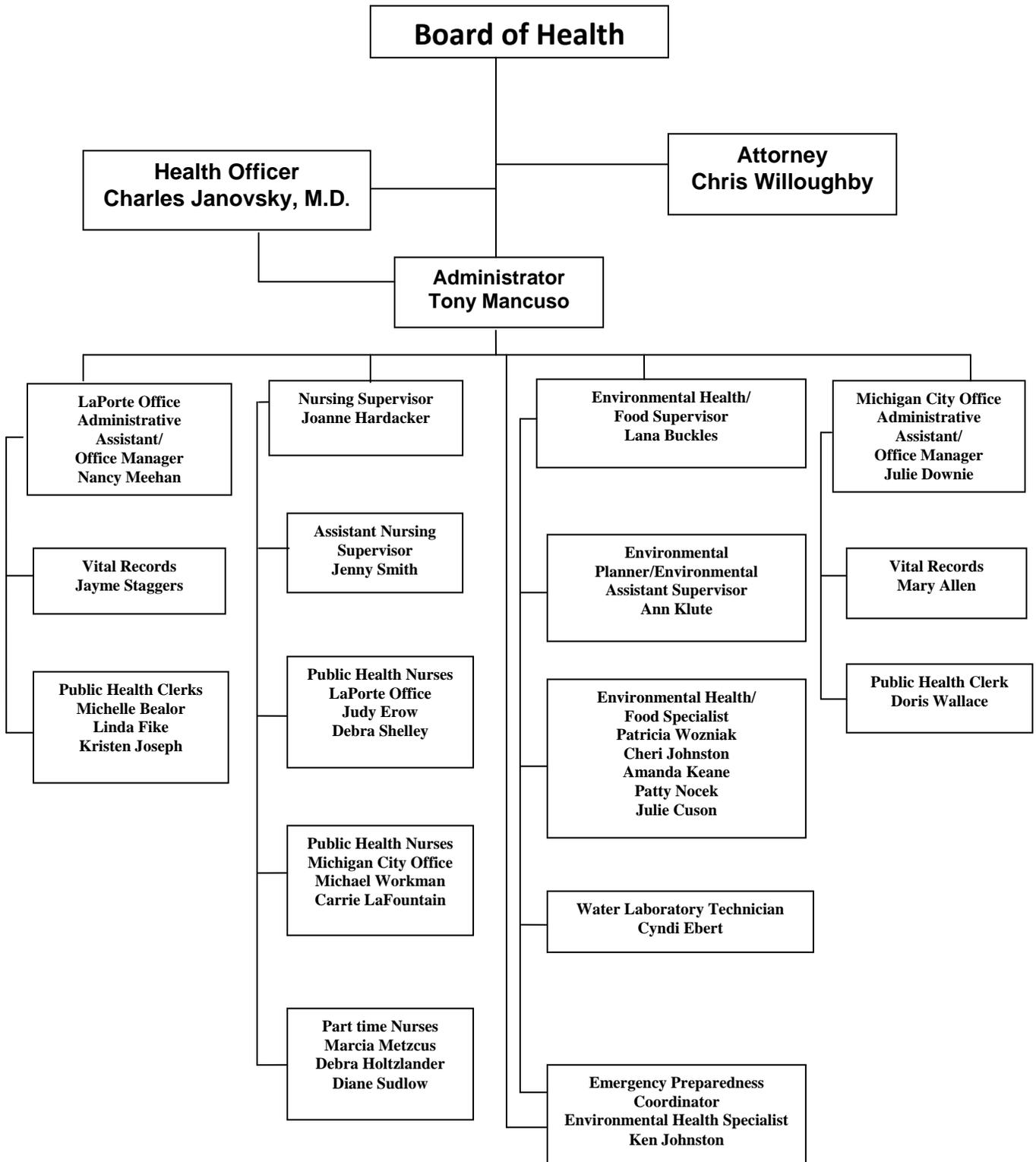
VITAL RECORDS: Located in both offices, this section issues and maintains birth and death records dating back to 1882 for persons who were born or died in LaPorte County. The section also provides genealogy searches.

NURSING SERVICES: Located in both offices, this section offers immunizations, communicable disease control and investigation, lead screening, tuberculosis testing and counseling, blood profile screenings, HIV/AIDS testing and counseling, and travel immunizations. The section also provides STD testing and counseling.

ENVIRONMENTAL HEALTH/FOOD: Located in the LaPorte Office, this section issues Onsite Sewage System permits for new residential construction and Onsite Sewage System permits for repairs to older septic systems. The division investigates complaints and advises residents on a variety of topics such as substandard housing, rodent/vector infestation and harborage, open burning, trash and garbage, unsanitary living conditions and hazardous waste. The section also inspects and issues permits for public and semi-public pools and spas and retail food establishments. Serv-Safe® food sanitation classes are proctored here.

WATER LABORATORY: Located in the LaPorte office, the water lab tests water samples from drinking water sources, surface water sources including area bathing beaches, and public swimming pools, spas, and whirlpools. The following tests are offered on water samples: Total Coliform with E. coli confirmation, E. coli (for surface water), lead, nitrate, nitrite, iron, fluoride, and phosphorus.

ENVIRONMENTAL PLANNING/HEALTH EDUCATION: Health Education is a new department in 2010. The health educator provides individual and community education on various public health topics. The educator works with community agencies and partners to educate on public health topics, and share knowledge of social, economic, and cultural factors impacting the health of the community.



VITAL RECORDS

2010 was a “strengthening of skills” year for the Vital Records division. Our cross training efforts have proved to be quite effective in sharing the burden and equally distributing the work load among the department's staff. Thus, the personnel are not diverted from other work and able to meet important and highly visible customer service needs. The demand for certified birth and death certificates has realized an annual increase due to the fact that the birth certificate is a “breeder” document which is required for all other local, state and federal government service organizations.

Per State mandate, as of January 2007 we began issuing certified birth certificates from the electronic birth registry system (EBRS) which was implemented and controlled through the Indiana State Department of Health. In issuing certificates from the State data base we are meeting the National Association for Public Health Statistics and Information Systems (NAPHSIS) recommendations to control the potential for certificate fraud. The EBRS was the basis for the re-engineering process according to a national model. The 9/11 Commission report specifically mentioned the need to strengthen policies and procedures surrounding the issuance of birth certificates which our department has in fact implemented. Fraud prevention is built into the design of the electronic vital registrations in the collection of vital event data and distribution of certificates by utilizing the standardized security safety enhanced paper. Indiana is a leading state in its efforts to implement a uniform standard of design and format in order to deter counterfeiting.

The second half of 2010 Vital Records focus was concentrated on the implementation of the Electronic Death Registry System (EDRS) which went into effect for all 92 counties January 1, 2011. Our Vital Records Registrar was instrumental in the detailed orchestration that was necessary to ensure that all participating agencies; Medical Examiners, Coroner’s Office, Funeral Director’s and Physician’s were kept abreast of the application procedures and educational training sessions that were provided by the Indiana State Department of Health. The collaboration and communication that occurred among the local and state entities was a key element in the successful launching of this program.

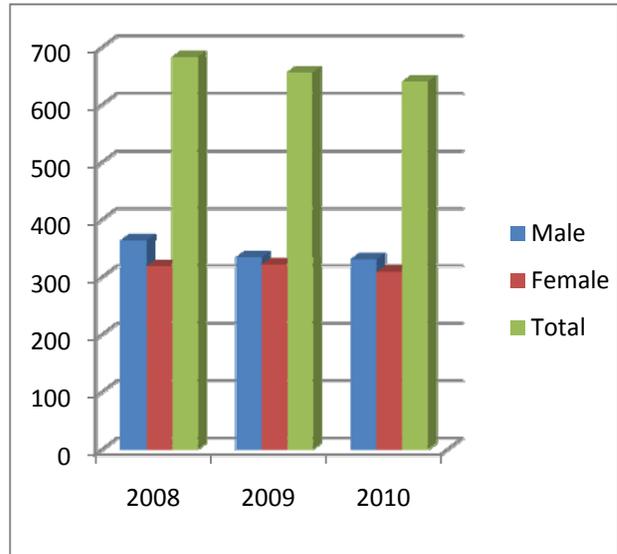
The new technology coupled with leadership at the local and state level is an investment in providing a foundation for a stronger national system. Our efforts in improving our procedure and policy will hopefully demonstrate our commitment to meet or exceed the necessary requirements in the accreditation process in order to continue to receive funding for the department.

Vital Records Goals

- Cooperate and participate with other professional groups and organizations in advancing public health through improved procedures and technology in the field of vital statistics.
- Collaborate with the ISDH to ensure accessibility to current statistics in order to monitor real time indicators.
- Assist, encourage and foster development and technical proficiency of all personnel working in the department of vital records.
- Apply ethical principles to the collection, maintenance, use and dissemination of data and information to ensure data is not compromised.

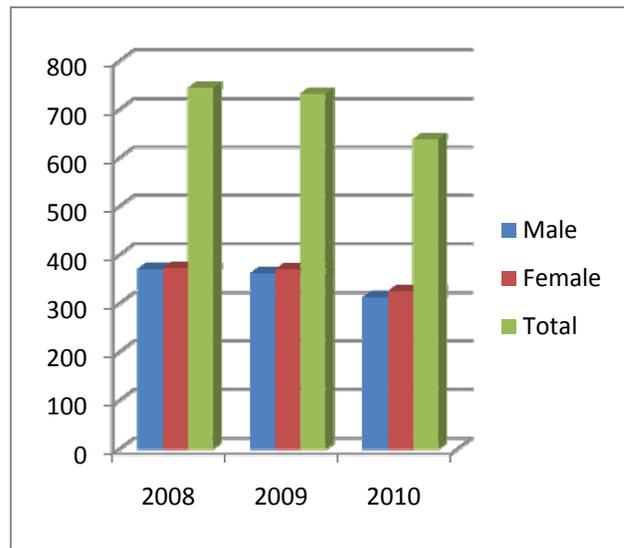
LaPorte Hospital Births

	<u>2008</u>	<u>2009</u>	<u>2010</u>
Male	364	334	331
Female	319	322	309
Total	683	656	640



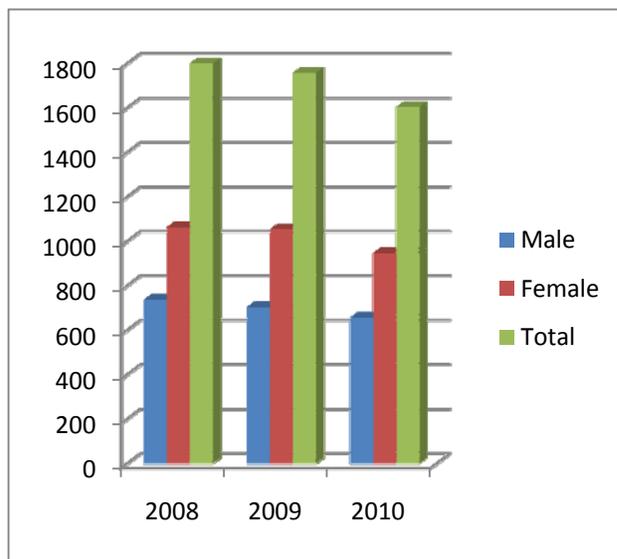
St. Anthony Memorial Hospital Births

	<u>2008</u>	<u>2009</u>	<u>2010</u>
Male	371	362	313
Female	373	370	325
Total	744	732	638



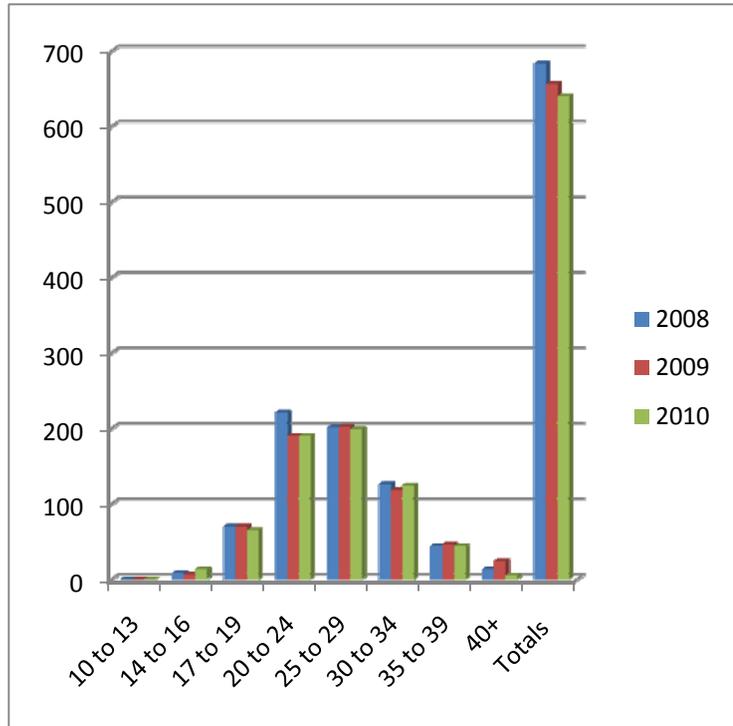
Total Number of County Births

	<u>2008</u>	<u>2009</u>	<u>2010</u>
Male	737	704	656
Female	1063	1054	947
Total	1800	1758	1603



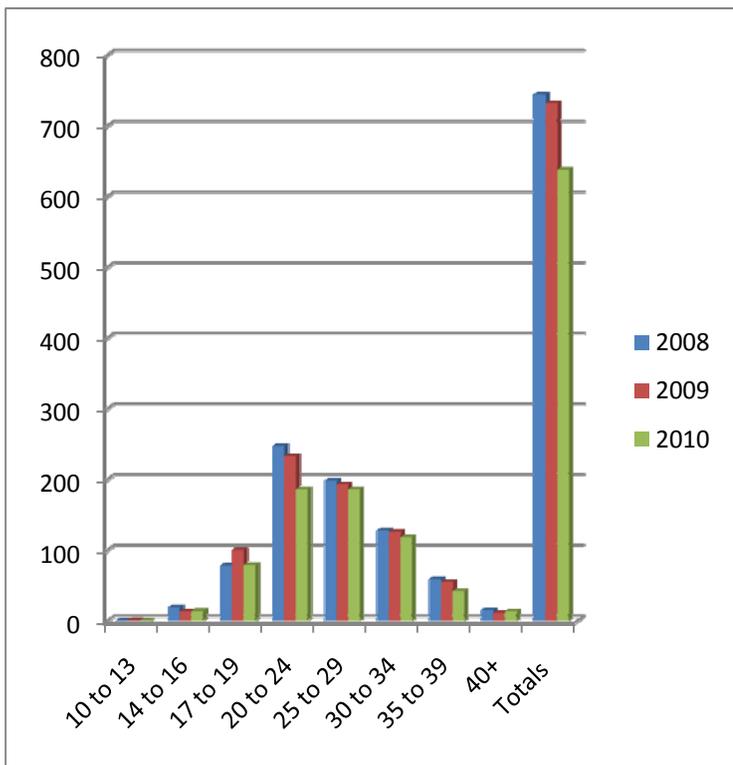
**Deliveries by Maternal Age
LaPorte Hospital**

Age Groups	2008	2009	2010
10 to 13	0	0	0
14 to 16	8	6	13
17 to 19	70	70	65
20 to 24	221	190	190
25 to 29	201	202	199
30 to 34	126	118	124
35 to 39	44	46	44
40+	13	24	5
Totals	683	656	640



**Deliveries by Maternal Age
St. Anthony Memorial**

Age Groups	2008	2009	2010
10 to 13	0	1	0
14 to 16	19	13	14
17 to 19	78	100	79
20 to 24	247	233	186
25 to 29	198	193	186
30 to 34	128	126	118
35 to 39	59	55	42
40+	15	11	13
Totals	744	732	638



Nursing Services

The nursing staff strives to deliver quality health care that reflects the mission of public health. The nursing division participates in continuing education to assure competency in the public health field and to assist clients in accessing needed health care services, protect their health through prompt investigation of disease threats, identify healthcare gaps by partnering with other agencies in the community to better serve our population and to keep them at optimal health. The Nursing Supervisor is a member of the Child Fatality Team of LaPorte County and the Purdue University North Central Department of Nursing Advisory Board. The Nursing Department is comprised of a nursing supervisor, 5 full-time, and 3 part-time nurses.

Nursing Services Goals

The Nursing Department goals in 2010 were focused on providing a high level of public health service to the population that we serve. We accomplished that by partnering with many medical and public service agencies to enhance the delivery of health care services in our community. In 2011 we will strive to continue these partnerships and to strengthen our programs to be able to better serve our community.

Immunization Services

The LaPorte County Health Department strives to increase immunization rates and prevent vaccine preventable disease by providing quality vaccination services and minimizing barriers to immunization. In addition to providing general childhood and adult immunizations, the department promotes targeted immunization to high risk persons including international travelers and patients seen in our confidential services clinics. Immunizations are offered by appointment between the hours of 8:30 and 3:15 each Monday in our main office in LaPorte and each Tuesday in our branch office in Michigan City.

Childhood Immunizations

The LaPorte County Health Department administers immunizations in accordance with recommendations of the Advisory Committee for Immunization Practices (ACIP) of the Centers for Disease Control and Prevention (CDC). The staff regularly participates in continuing education offered by the Indiana State Department of Health, The Centers for Disease Control and Prevention and vaccine manufacturers.

The LaPorte County Health Department participates in the federally funded Vaccine for Children program (VFC) providing eligible children vaccines at no cost. The VFC program was created by the Omnibus Budget Reconciliation Act (OBRA) of 1993 and began October 11, 1994. This program removes barriers of obtaining needed immunizations. The LaPorte County Health Department is also a Federally Qualified Health Center (FQHC). This is a delegation of authority that authorizes the department to administer VFC vaccines at no charge to underinsured children up through the age of 18.

Children from birth through the age of 18 can receive vaccine through the VFC program if they fall into at least one of the following categories:

- Eligible for Medicaid
- Without health insurance
- American Indian or Alaskan Native
- Underinsured (have health insurance that does not cover vaccines)

VACCINES PROVIDED THROUGH THE LAPORTE COUNTY HEALTH DEPARTMENT:

- | | | |
|--|---------------------------------|------------------|
| • DTaP (Diphtheria, Tetanus, Pertussis) | • IPV (Polio) | • Hepatitis B |
| • DT (Diphtheria, Tetanus) | • MMR (Measles, Mumps, Rubella) | • Hepatitis A |
| • Hib (Haemophilus Influenza B) | • Td (Tetanus, Diphtheria) | • Varicella |
| • Meningococcal | • Prevnar (Pneumococcal) | • Influenza |
| • Tdap (Adolescent Diphtheria, Tetanus, Pertussis) | • Rotavirus | • Gardasil (HPV) |

ADULT IMMUNIZATIONS

The following adult vaccines are available through the LaPorte County Health Department for a fee

- | | |
|-------------------------------|---------------------------------|
| ❖ Td (Tetanus, Diphtheria) | ❖ MMR (Measles, Mumps, Rubella) |
| ❖ Hepatitis A vaccine | ❖ Hepatitis B vaccine |
| ❖ Gardasil | ❖ Influenza |
| ❖ Meningococcal | ❖ Polio |
| ❖ Zostavax (shingles vaccine) | |

INTERNATIONAL TRAVEL

The LaPorte County Health Department is a designated Yellow Fever Vaccination Center. People traveling outside of the United States are counseled regarding recommended and required vaccines after a review of the person’s itinerary by a nurse. Recommendations are made based on current information published by the Centers for Disease Control and Prevention. Current outbreaks and travel advisories are taken into consideration. Although Malaria prophylaxis medication is not available through the health department, travelers are given the recommendations for prophylaxis to obtain the proper medication from their private physician. The following vaccines are available to travelers for a fee:

- | | |
|---|----------------------------|
| ▪ Yellow Fever | ▪ Hepatitis A |
| ▪ MMR (Measles, Mumps, Rubella) | ▪ Polio |
| ▪ Typhoid | ▪ Hepatitis B |
| ▪ Tdap (Tetanus, Diphtheria, Pertussis) | ▪ Td (Tetanus, Diphtheria) |
| ▪ Meningococcal | |

Sixty-nine (69) people received immunizations for international travel in 2010

There were 11, 026 patient visits and 24, 638 immunizations provided during 2010.

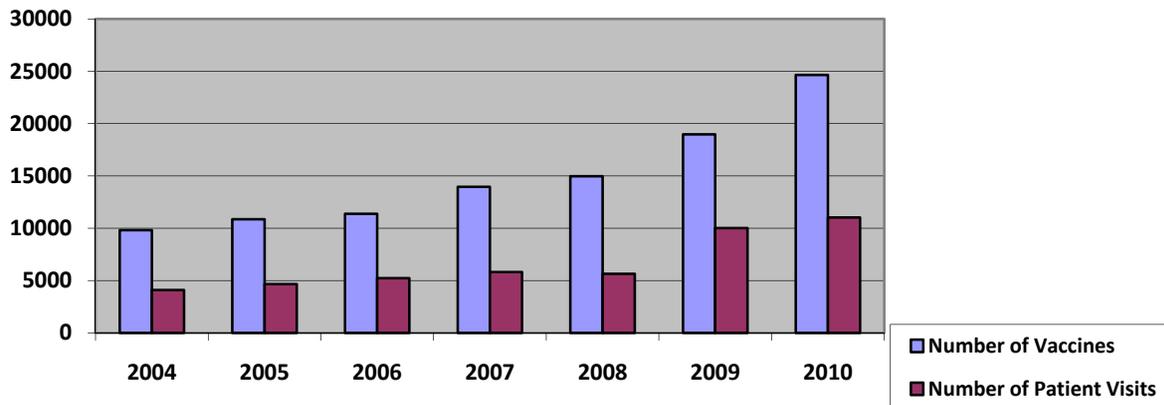


Figure 1: Number of vaccines and patient visits per year

(Childhood, Adult, Flu Clinics, Travel, and Confidential Services)

COMMUNICABLE DISEASE

The Communicable Disease Reporting Rule for Physicians, Hospitals, and Laboratories under Indiana Code 16-41-2-1 allows the Indiana State Department of Health to establish reporting, monitoring, and preventive procedures for communicable diseases. Upon receiving a communicable disease report, local health officers must investigate the reported disease with a specified time frame outlined in section 47 of the rule. The local health department in the jurisdiction where the patient resides is responsible for the epidemiological investigation and control measures.

Diseases that are reportable under the rule meet one or more of the following criteria:

- ❖ Nationally reportable disease
- ❖ Vaccine preventable disease
- ❖ Emerging infectious disease
- ❖ Significant organism with emerging drug resistance
- ❖ Disease with high bioterrorism potential
- ❖ Disease that requires a public health response

Below is a list of diseases that were directly reported to the LaPorte County Health Department in 2010. **

Campylobacteriosis	15	Chlamydia	228
Cryptosporidiosis	1	Escherichia Coli	0
Gonorrhea	45	Hepatitis, Viral, Type A	0
Hepatitis, Viral, Type B (Acute)	0	Hepatitis, Viral, Type B (Chronic)	11
Hepatitis, Viral, Type B (Perinatal)	1	Hepatitis, Viral, Type C (Acute)	8
Hepatitis, Viral, Type C (Chronic)	112	Haemophilus Influenza	5
Histoplasmosis	0	Legionellosis	2
Listeriosis	2	Lyme Disease	8
Meningococcal – Invasive	0	Mumps	0
Pertussis	4	Salmonellosis	15
Varicella	7	Shigellosis	3
Streptococcus, Group A, Invasive	3	Streptococcus, Group B, Invasive	7
Streptococcus Pneumonia, Invasive	11	Syphilis	4
West Nile Virus	0	Toxic Shock Syndrome	6

*** Note: Some physicians and laboratories report directly to the Indiana State Department of Health. Therefore, the above data may represent lower numbers than the actual occurrence of these diseases in the county.*

CONFIDENTIAL SERVICES

The LaPorte County Health Department remains committed to providing services for the prevention and control of sexually transmitted diseases. Two free confidential service clinics are held weekly in our office each Wednesday in LaPorte and each Thursday in Michigan City. Appointments for these services are mandatory. Clients receive examinations and risk assessments by a nurse practitioner. Diagnostic services, treatment, Hepatitis A and B vaccine, and referrals are also provided at no cost. Lab tests are conducted at no cost to the client and are funded by the Indiana Family Health Council. **235 Clients were seen in our Confidential Services Clinics in 2010.**

	LaPorte Confidential Clinic	Michigan City Confidential Clinic
Number of Clients Seen	105	130
Number of Clients Tested	83	93
Hepatitis Vaccine Administered	11	31

COMPREHENSIVE BLOOD PROFILE

The Blood Chemistry Profile is offered once a month in both offices. This low-cost preventative health care screening provides the client and the physician with valuable information regarding a client's overall health. Clients are asked to fast for twelve hours prior to testing. The health department forwards copies of these results to the client and their physician.

The Comprehensive Blood Profile includes the following components:

- Calcium
- Sodium
- BUN
- VLDL
- GGT
- Albumin/Globulin Ratio
- Iron
- Phosphorus
- AST (SGOT)
- Creatinine
- Cholesterol
- Alkaline Phosphatase
- Globulin
- Uric Acid
- Chloride
- LDH
- HDL
- Triglycerides
- Bilirubin
- Protein
- Potassium
- BUN Creatinine Ratio
- LDL
- ALT (SGPT)
- Albumin
- Glucose

551 people received the Comprehensive Blood Profile in 2010. 54 patients were referred to their physicians for follow up of abnormal lab results.

TUBERCULOSIS PREVENTION AND CONTROL

The overall priorities for the treatment of Tuberculosis (TB) are early identification, complete treatment of infectious patients and minimizing the transmission of Mycobacterium Tuberculosis to other persons. The Tuberculosis Case Manager works under the supervision of the TB Clinician and Health Officer and assures that complete and appropriate information regarding each patient is shared with the Indiana State Department of Health TB Program in a timely fashion.

All persons with active Tuberculosis (infectious) receive medications by Directly Observed Therapy (DOT) to ensure adherence and completion of treatment. Patients remain under the care of their physician and health department until this is accomplished.

Contact investigation to identify all persons exposed to Tuberculosis is the second priority of Tuberculosis control. Intensive efforts are made to identify untreated individuals who are infected so they do not become infectious. Contact investigations are done through extensive interviewing and follow up of all infected contacts with Tuberculosis skin testing. Persons who are found to have latent Tuberculosis infection (non-infectious) also receive medications free of charge through the health department. The LaPorte County Health Department Health Officer provides follow up to uninsured patients through the monthly chest clinic held at the health department.

In 2010 there were three Tuberculosis cases. 159 contacts were identified and tested.

LEAD PROGRAM

Lead testing is provided free of charge through a Maternal Child Health Block Grant to children 6 months through 6 years of age. The department provided this service at the LaPorte office of Women, Infants and Children. In 2011, the service is offered from both LaPorte County Health Department offices twice per month. Families of children who are identified as having elevated blood levels receive education and an environmental investigation.

270 children were tested through the department in 2010.

ANIMAL BITES

Characteristics of Biting Animal by Sex:

Male dogs	65	Male cats	6
Female dogs	7	Female cats	5
Unknown/Stray dogs	11	Unknown/Stray cats	11
TOTAL DOGS:	103	TOTAL CATS:	22

OTHER: Raccoon	3
Rat	2
Mole	1
TOTAL OTHER:	6

TOTAL ANIMALS: 131

Ownership Status of Biting Animal:

Victims family pet	46
Friend/Neighbor's pets	54
Other/Stray	31

Anatomical site of bites:

Arm (fingers & hand)	62
Head (lip & face)	26
Leg (thigh, calf, ankle)	20
Body	7
Unknown	16

Most frequent breeds of dogs

associated with bites:

Pit Bull	14
Labrador/mix	10
Mixed	7
Pit Bull Mix	7
Mastiff	6
German Shepherd	6

Sex of Victims:

Male	69
Female	62

HEALTH EDUCATION

In 2010, Health Education became an integral focus of the Health Department. Presently the Environmental Planner is the health educator. One of the first tasks for the health education department was to assist in the planning of a mass vaccination clinic for the new school requirements for tdap, varicella, and meningitis.

Additionally, the education department has assisted the Childhood Lead Poisoning prevention program and the radon awareness program with press releases, newspaper ads, posters, pamphlets, bulletin boards, and PowerPoint presentations. The educator has attended and plans to attend additional workplace development classes to improve performance in carrying out the goals for 2011.

Many goals are planned for 2011 for the education section. The educator will be updating the county website and beach sampling website, publishing quarterly newsletters, and establishing pages on social marketing web sites.

The educator is also fostering community partnerships by collaborating with other organizations for community outreach programs. The educator will strive to strengthen existing programs and provide

outreach for new relationships made within the community. The educator is also planning a community assessment in cooperation with Purdue University and the Indiana State Department of Health in 2011.

ENVIRONMENTAL HEALTH/FOOD SERVICE

The Environmental Health/Food programs serve to prevent disease, preserve the environment and improve the quality of life. The environmental section implements a wide variety of environmental health programs. These programs include: Environmental/Sanitation complaints, Lead Risk Assessments, Public/Semi Public Swimming Pools, Vector Control, Onsite Sewage System, Food Protection, Water Laboratory, Beach Sampling, and Outdoor Hydronic Heaters. Each section specializes to assist and offer expertise to the citizens of LaPorte County. There are seven full time positions and three interns (summer only) positions to assist us with these programs.

Environmental/Sanitation Complaints

Food and environmental complaints are investigated by the health department. Complaints range from trash and garbage to unsanitary living conditions. Once a complaint is received and found to be an issue that the health department can assist in, an initial inspection of the site is conducted to confirm the validity of the complaint. An inspector will consult with the subject of the valid complaint and inform them of the appropriate action that needs to be taken in order to remediate the situation.

Total complaints:	2009	2010
Abandoned property	3	2
Animals	3	9
Unsanitary living	24	27
House condemnation	0	2
Trash & Garbage	25	20
Dump sites	3	4
High weeds/grass	7	1
Open burning	5	12
Indoor air	12	10
Outdoor air Pollution	2	5
Insects and mice	4	21
Septic / sewage	35	21
Water Pollution	1	0
Stagnant Swimming Pool	2	3
Tires	3	1
Housing	3	14
Drinking Water	2	0
Rats	1	0
Hazardous Material	2	0

Lead Risk Assessments

The Environmental Health section has a licensed lead risk inspector/assessor on staff. The inspector/assessor investigates the interior and exterior of homes within the county for the presence of deteriorating lead based paint and other lead hazards. Lead based paint can cause learning disabilities and behavioral problems in young children when ingested. Lead risk assessments are performed as required by the Indiana State Department of Health (ISDH) and in compliance with Indiana Administrative Code Title 410, Article 29 Reporting Monitoring and Prevention of Lead Poisoning. The assessment process is prompted when a health department nurse is notified, usually by a licensed physician or ISDH, that a child has been identified with an Elevated Blood Lead Level (EBLL). The inspector/assessor contacts the child's parents/guardians and sets up an initial consultation within the home (either private or rental). An interview is conducted, and paint chip and dust wipe samples are collected throughout the home. These samples are then sent to the ISDH Indoor Air Quality Laboratories for analysis. If lead hazards are found to exist within the home, then the inspector/assessor provides additional consultation with the property owner by prescribing the appropriate actions best suited to remediate the situation within a given prescribed timeframe. Five (5) lead risk assessments were completed in 2010.

The LaPorte County Health Department (LPCHD) uses grant money from ISDH for our Childhood Lead Poisoning Prevention Program (CLPPP). LPCHD purchased a Niton X-Ray Fluorescence (XRF) Analyzer for lead risk assessments as well as educational materials for various target groups. Supplies to assist in educating on the proper methods to clean lead dust and paint chips were also purchased. Inspector/assessor certifications and specialized training were obtained to assure a competent workforce.

Public/Semi-Public Swimming Pools

The pool inspection industry is going through major changes. Our local county ordinance was updated in 2008. A new Indiana State Code 410 IAC 6-2.1 was updated and enacted on August 26, 2010 and the Swimming Pool Building Code 675 IAC 20 is expected to be enacted soon. The updates include inclusion of the federal Virginia Graeme Baker Pool and Safety Act. When this report is published virtually all permitted pools in LaPorte County will be in compliance with this act.

In 2010, four (4) new pools were added, giving us a total of 67 pools. Thirty-five (35) pools are seasonal pools and thirty-two (32) pools are year round pools. "Pools" are comprised of pools, wading pools, dive pools, therapy pools, spas, and spray grounds.

Year round pools are inspected 4 times a year and seasonal pools are inspected two (2) times a season. Numerous spot check inspections are conducted as follow up to inspections. Inspectors monitor weekly water samples from certified laboratories as a condition of the permit. The LaPorte County Health Department has 5 environmental health/food specialists who are certified pool operators

Pools in LaPorte County are located at the YMCA, in hotels, condominiums, apartment complexes, neighborhood associations, country clubs, athletic clubs, schools, rehabilitation facilities, a community home, a spray ground, and a marina. All pools must be operated by a certified pool operator.

Vector Control (West Nile Virus)

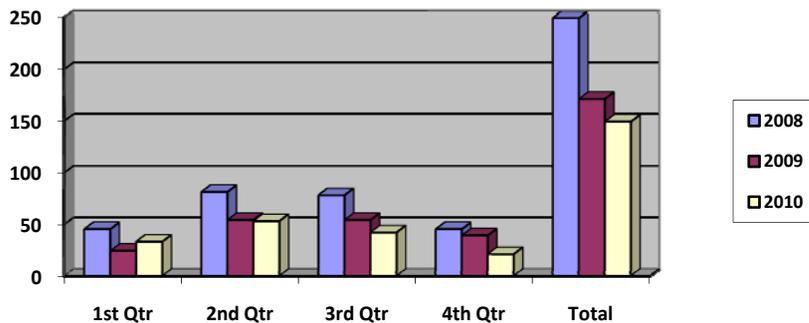
The LaPorte County Health Department continued to conduct surveillance to determine the spread of the West Nile Virus and other mosquito transmitted diseases. During the months of May thru September the environmental section set up mosquito traps throughout the county and applied larvicides in areas where needed. Thousands of mosquitoes were sent to the Indiana State Department of Health (ISDH) Molecular Laboratory for West Nile Virus (WNV) testing. No pools collected by the health department tested positive in the 2010 season.

Onsite Sewage System (OSS)

The OSS section works with property owners and developers to ensure that septic system installations are in complete compliance with minimum standards established by Indiana State Department of Health Rule 410 IAC 6-8.1, Rule 410 IAC 6-10, Bulletin S.E. 13 and La Porte County Ordinance No.1996-22. The OSS program continues to see a decrease in activity due to the decline in building new homes. There were 149 septic permits issue in 2010. Four hundred eighty-three (483) individual site evaluations, plan reviews, soil borings and inspections were conducted by LaPorte County environmental health specialists.

Septic permits issued

	1st qtr	2nd qtr	3rd qtr	4th qtr	Total
2008	45	81	78	45	249
2009	24	54	54	39	171
2010	33	53	42	21	149



Food Protection

The Food Protection Division was integrated with the Environmental Health Division in 2010. The division is now called the Environmental Health/Food Division. The inspectors enforce state and county food codes to ensure that the public is served food that meets standards for healthful and safe preparation and consumption. Restaurants, convenience stores, private clubs, lunch trucks, grocery stores, bars, taverns, certain non-profit organizations, schools, mobile units and temporary vendors receive unannounced inspections throughout the year. In 2010, the inspectors performed over 1,000 inspections on the retail food establishments.

The division works closely with public health nurses, physicians and the regional state field epidemiologist to investigate suspected foodborne disease incidents.

2010 Highlights:

- One hundred fifty-three (153) ServSafe® Food Protection Manager Certification exams were proctored.
- Electronic inspections were implemented in April of 2010.
- All food protection staff was moved to the LaPorte office and combined with the environmental staff.
- ISDH issued two hundred twenty-eight (228) recalls and four (4) advisories that the department forwarded as needed to inspected establishments.
- The division attended local Indiana Environmental Health Association chapter meetings as well as the Fall Educational Conference.

Statistical Summary

Licenses Issued:	<u>2008</u>	<u>2009</u>	<u>2010</u>
Food Service Establishments	527	555	501
Mobile Units	38	47	48
Temporary Food Establishments	216	221	250
New Establishments	67	57	61

Inspection Activity

Retail Food Service	1036	1086	1032
School Kitchens	86	86	86
Temporary/Mobile	254	333	275
Fire Investigations	4	2	1
Non Profit Organizations	34	36	32
Complaint Investigations	57	76	71
Possible Foodborne Illness	12	31	12
Food Recalls	51	322	228
Consultations (field/office/phone)	1062	1201	976
Temporary Closures	2	3	3
Administrative Hearings	1	3	5

Water Laboratory

The LaPorte County Health Department is one of three health departments in the state that have an on-site water laboratory. The LaPorte County Health Department (LPCHD) Water Laboratory is certified by the state to analyze drinking water and pools and spas for the presence of total coliform with E. coli confirmation and heterotrophic plate count for pool and spa samples. The LPCHD water laboratory is also certified to analyze surface water, including recreational beach waters for the enumeration of E.coli. Re-certification is done every three years by the Indiana State Department of Health. In addition, the lab offers chemistry screening analysis for nitrate, nitrite, lead, iron and fluoride. Currently the lab is not certified in any chemistry analysis.

Our re-certification with the State of Indiana Certification officer took place in October 2010. Our next on-site inspection will be scheduled in 2013.

We purchased an Ion Selective Electrode analyzer (approved method by the EPA for testing for nitrate in drinking water and waste water) and are working diligently to become certified by the State of Indiana for nitrate testing by the end of 2011. This would benefit Public Water Supply (PWS) facilities that are required by the Indiana Department of Environmental Management (IDEM) to have an annual nitrate test on their well water. The nearest certified chemistry lab that offers nitrate testing is in Valparaiso, IN.

National Drinking Water Week

National Drinking Water Week was May 2nd - 9th 2010. LaPorte County Health Department (LPCHD) offered free bacteria testing on residential well water to LaPorte County residents the 2nd thru the 12th of May. Sample bottles were handed out at the following locations: LaPorte County Health Department office, Michigan City County Health Department office, Trail Creek Town Hall, Wanatah Utilities and Rolling Prairie and Fish Lake Public Libraries. One hundred thirty-four (134) residences took advantage of our free testing resulting in one hundred thirteen (113) satisfactory (coliform absent in water) and twenty-one (21) unsatisfactory results (coliform present in water). Participants were mailed a copy of the sample sheet with their results and those who tested positive for coliform bacteria were mailed information on how to chlorinate their well. Of the two hundred twenty-three (223) bottles that were given out to participants, one hundred thirty-four (134) were submitted for testing and seventy-nine (79) were never returned. (Cost of missing bottles \$43.45) Total cost of program: \$2,135.19.

Beach Sampling

The LaPorte County Health Department (LPCHD) sampled Inland Lakes and a portion of Lake Michigan in LaPorte County in 2010. The sampling season started on May 25, 2010 and ended September 2, 2010. LPCHD sampled Long Beach Stop 20, Long Beach Stop 24, Shoreland Hills Stop 31, Duneland Beach Stop 34, and Michiana Shores Stop 37. Sampled inland lakes included Stone Lake, Pine Lake, Hudson Lake, Lower Fish Lake and Upper Fish Lake. Lake Michigan sites were sampled on Mondays, Wednesdays, and Fridays. Inland Lakes were sampled on Tuesdays and Thursdays.

The LPCHD completed its ninth year of contracting with the Indiana Department of Environmental Management (IDEM). The federal funds from the Beaches Environmental Assessment and Coastal Health Act (BEACH Act) supplement the costs of the program. The BEACH Act does not provide any funding for inland lakes.

Real time notification of beach water status is by blast fax, beach website- www.laportecountybeaches.com, automatic email updates from our website, magnet download directly from our website, and additionally, Lake Michigan sites are posted to a state supported website called Beachguard. Several community partners have a link to our website for real time results on their respective websites. Our samples are run with Colilert, which has an 18-22 hour turnaround time for results. Previous days samples are read the next morning and the results are posted immediately, usually by 11:00am.

In 2010 the three tiered approach to advising and closing beaches was used. If a sample result on a Lake Michigan beach was 235 colonies of bacteria per 100mL of water or below, the sampling site was posted with the metal interchangeable green "Good Water Quality" sign. At inland lakes if the sample is 235 colonies of bacteria per 100mL of water or below, nothing is posted. If the result was over 235 colonies of bacteria per 100mL of water at a Lake Michigan site, the sampling site was posted with a yellow "Caution Advisory" sign. If the result was over 235 colonies of bacteria per 100mL of water at an inland site, the sampling site was posted with yellow coroplast Advisory signs. If results were over 999 colonies of bacteria per 100 mL of water, the metal red interchangeable "Closed" sign was posted at Lake Michigan beaches. At inland lakes, a black and white "Beach Waters Closed" sign was posted.

In 2010, Lake Michigan beaches had 2 closures and 8 advisories, all due to high E.coli results. Inland beaches had 11 closures and 25 advisories, all due to high E.coli levels.

Outdoor Hydronic Heater Program

(Outdoor Wood Boilers/Outdoor Wood Burning Furnaces)

On August 7, 2007, an ordinance for Regulation of Outdoor Hydronic Heaters (Ordinance 2007-10-B) was enacted in LaPorte County. The LaPorte County Health Department is charged with ensuring compliance as it pertains to health and welfare with sole local regulatory authority. The ordinance requires that outdoor hydronic heating units meet specific smoke density requirements (opacity). LPCHD has one environmental health specialist who is certified in EPA Method 9-Visible Determination of the Opacity of Emissions from Stationary Sources semiannually as required by the Environmental Protection Agency (EPA). Besides departmental regulatory duties, our on-going strategy for health and welfare compliance includes educational assistance to current and potential wood boiler owners. An additional component is the information provided within an area of our website dedicated to outdoor Hydronic heaters. The latest EPA information, names of units that have been lab tested and certified (cleaner burning units) is provided to encourage purchase of only the cleanest burning units available. At the end of 2010, there were 143 registered outdoor hydronic heaters operating in LaPorte County.

GENERAL HEALTH FUND**219****STATEMENT OF RECEIPTS**

	<u>2008</u>	<u>2009</u>	<u>2010</u>
Property Tax	1,419,663.53	842,708.43	1,120,811.75
License Excise Tax	0.00	170,027.40	100,581.65
Permits (Water, Food, Septic, etc.)	166,323.01	162,395.00	170,144.50
Immunizations	6,737.60	8,102.80	8,103.55
Birth & Death Certificates	96,380.64	97,370.70	93,531.80
Misc/Reimbursements/Receipts	2,920.95	5,135.44	3,544.41
Total Receipts	\$1,692,025.73	\$1,285,739.77	\$1,497,503.10

STATEMENT OF EXPENDITURES

	<u>2008</u>	<u>2009</u>	<u>2010</u>
PERSONAL SERVICES			
Salaries	899,202.83	899,202.83	825,836.64
OASI Withheld	52,613.68	52,088.97	49,830.19
Medicare Withheld	12,305.38	12,182.31	11,654.03
County Retirement Contribution	56,692.34	76,236.82	59,476.89
Employee Group Insurance	187,055.65	216,578.12	212,837.37
Compensation – Board	2,160.00	2,160.00	2,280.00
Unemployment Compensation	6,668.00	2,091.05	2,500.00
Total Personal Services	\$1,216,697.88	\$1,260,540.10	\$1,164,415.10

SUPPLIES

	<u>2008</u>	<u>2009</u>	<u>2010</u>
Office Supplies	8,579.43	6,605.59	7,851.86
Equipment (Service/Repair)	2,294.83	6,595.39	3,783.76
Excess levy/claims	0.00	1,915.00	1,352.00
Microfilm/Photocopy/Claims	405.56	2,186.41	2,901.24
Laboratory Supplies	34,723.39	34,733.34	33,858.83
Education Supplies	3,401.16	2,388.14	1,229.45
Environmental Supplies	7,567.12	10,626.61	8,581.28
Total Supplies	\$56,971.49	\$65,050.48	\$59,558.42

SERVICES

	<u>2008</u>	<u>2009</u>	<u>2010</u>
Professional Services – Health Officer	22,986.96	22,999.22	25,500.00
Professional Healthcare Services	37,931.60	37,167.66	33,829.66
Postage	9,363.70	9,094.32	7,951.06
Mileage	22,151.52	19,200.12	17,161.85
Telephone	5,507.78	6,853.84	7,865.51
Dues & Subscriptions	1,892.99	1,604.65	1,000.00
Publishing/Printing	905.34	3,637.39	1,574.54
Education & Training	8,393.52	6,594.99	6,039.13
Litigation Expense	2,750.00	3,454.00	1,043.75
Total Services	\$114,668.94	\$111,278.19	\$101,965.50

<u>CAPITAL OUTLAYS</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Office Equipment	0.00	9,997.99	0.00
Security System	432.00	0.00	0.00
Total Capital Outlays	\$432.00	\$9,997.99	0.00
TOTAL EXPENDITURES	\$1,388,770.31	\$1,446,866.76	\$1,363,899.25

LOCAL HEALTH MAINTENANCE **520**

<u>STATEMENT OF RECEIPTS</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Grant Money from ISDH	54,505.00	54,504.00	72,672.00
Carryover	132,063.79	115,903.98	18,168.00
Misc Receipts	1,000.00	500.00	0.00
Total Receipts	\$187,568.79	\$170,907.98	\$90,840.00

<u>STATEMENT OF EXPENDITURES</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
PERSONAL SERVICES			
Salaries	46,835.47	51,828.59	53,236.26
OASI Withheld	2,837.74	3,146.65	3,231.13
Medicare Withheld	663.72	736.00	755.81
County Retirement Contribution	2,382.30	3,198.75	2,682.94
Employee Group Insurance	4,965.28	5,448.52	5,675.68
Total Personal Services	\$57,684.51	\$64,358.51	\$65,581.82

<u>SUPPLIES</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Animal/Vector Supplies	1,563.38	2,750.37	1,254.55
Total Supplies	\$1,563.38	\$2,750.37	\$1,254.55

<u>SERVICES</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Tech/Software	0.00	16,520.51	1,086.29
Mileage/Travel	3,930.74	3,284.47	3,224.50
Total Services	\$3,930.74	\$19,804.98	\$4,310.79

<u>CAPITAL OUTLAYS</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Office Equipment/Furniture/Computer	8,486.18	14,669.81	29,565.05
Total Capital Outlays	\$8,486.18	\$14,669.81	29,565.05

TOTAL EXPENDITURES	\$71,664.81	\$101,583.67	\$96,204.68
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ENVIRONMENTAL HEALTH FUND**519**

<u>STATEMENT OF RECEIPTS & EXPENDITURES</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Carryover	58,873.67	58,873.67	58,873.67
Receipts	0.00	0.00	0.00
Expenditures	0.00	0.00	0.00
YEAR END BALANCE	\$58,873.67	\$58,873.67	\$58,873.67

TOBACCO MASTER SETTLEMENT**305**

<u>STATEMENT OF RECEIPTS & EXPENDITURES</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Carryover	66,745.69	75,284.76	83,196.91
Receipts	48,884.14	0.00	112,546.98
Expenditures	40,345.07	39,277.34	53,353.21
YEAR END BALANCE	\$75,284.76	\$36,007.42	\$59,193.77

H1N1 GRANT FUND**625**

<u>STATEMENT OF RECEIPTS & EXPENDITURES</u>	<u>2009</u>	<u>2010</u>
Carryover	0.00	394,186.64
Receipts	75,843.25	0.00
Expenditures	137,341.82	120,852.12
YEAR END BALANCE	\$61,498.57	\$12,143.37

BEACH ACT GRANT**370**

<u>STATEMENT OF RECEIPTS & EXPENDITURES</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Grant Money from IDEM	28,711.94	17,424.18	12,462.65
Carryover	8,175.74	22,741.68	4,828.90
Expenditures	14,146.00	22,253.08	8,114.30
Year End Balance	\$22,741.68	\$17,912.78	\$4,348.35

<u>STATEMENT OF EXPENDITURES</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
PERSONAL SERVICES			
Salaries	3,236.23	4,131.00	3,944.25
OASI Withheld	200.65	256.12	244.55
Medicare Withheld	46.94	59.90	
Total Personal Services	\$3,483.82	\$4,447.02	\$4,246.01

<u>SUPPLIES/SERVICES/OTHER</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Claims	10,662.18	17,806.06	16,887.81
Total Other	\$10,662.18	\$17,806.06	16,887.81
TOTAL EXPENDITURES	\$14,146.00	\$22,253.08	\$21,052.07

COMMUNICABLE DISEASE FUND**526****STATEMENT OF RECEIPTS & EXPENDITURES**

	<u>2008</u>	<u>2009</u>	<u>2010</u>
Carryover	25,929.44	25,412.86	45,021.83
Receipts	53,411.22	65,533.18	96,578.20
Expenditures	53,927.80	50,132.34	38,010.91
YEAR END BALANCE	\$25,412.86	\$40,813.70	\$58,567.29

LEAD GRANT**626****STATEMENT OF RECEIPTS & EXPENDITURES**

	<u>2009</u>	<u>2010</u>
Appropriate		77,938.80
Receipts		41,838.80
Expenditures		35,732.56
YEAR END BALANCE		\$6,106.24

IMMUNIZATION**639****STATEMENT OF RECEIPTS & EXPENDITURES**

	<u>2009</u>	<u>2010</u>
Appropriate	0.00	16,111.00
Receipts	0.00	0.00
Expenditures	0.00	15,942.97
YEAR END BALANCE	0.00	\$168.03