

LaPorte County Health Department



Partners in Progress...

2011 Annual Report

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MISSION STATEMENT:

To engage and partner in a collaborative and responsive effort with the community and local organizations with respect to the diversity of the community to better serve the present and future generations.

VISION:

“Serving the Public Health Needs of LaPorte County”

LaPorte County Health Department

Office Hours

8:00am-4:00pm

Monday-Friday

Main Office

809 State St Suite 401 A

LaPorte, IN 46350

(219) 326-6808 ext.2200

(219) 325-8628(fax)

Branch Office

302 W. 8th St Suite 4

Michigan City, IN 46360

(219) 874-5611 ext. 7780

(219) 873-3018(fax)

HEALTH DEPARTMENT ADMINISTRATION

Charles T. Janovsky, MD, Health Officer
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
Jenny Smith, RN, Nursing Supervisor

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
Julie Fetters, Part-time Public Health Clerk

NURSES

Judy Erow, RN, Public Health Nurse
Carrie Lafountain, RN, Public Health Nurse
Joanne Beckman, RN, Public Health Nurse
Katie Griffin, RN, Public Health Nurse
Katrina Kubik, RN, Public Health Nurse
Debra Holtzlander RN, Part-time Public Health Nurse
Marcia Metzcus, RN, Part-time Public Health Nurse
Karen Stringer, 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

Kenneth Layton, President
Barbara Huston, Vice President
Willy Millsap

Jan 2009-Dec 2012
Jan 2009-Dec 2012
Jan 2010-Dec 2013

LAPORTE COUNTY COUNCIL

Richard Mrozinski, President
Mark Yagelski,
Matthew Bernacchi
Earl Cunningham
Scott Ford
Terry Garner
Lois Sosinski

Jan 2010-Dec 2013
Jan 2010-Dec 2013
Jan 2009-Dec 2012
Jan 2010-Dec 2013
Jan 2009-Dec 2012
Jan 2010-Dec 2013
Jan 2009-Dec 2012

LAPORTE COUNTY BOARD OF HEALTH

Michael Sandy, President
Sherry Waters, Vice President
Amarnath Agrawal, MD
Rakesh Gupta, MD
Aileen Stiller, MD
Doretha Sanders (Retired)
Monique Gillard
Ali Laun

Jan 2011-Dec 2014
Jan 2010-Dec 2013
Jan 2009-Dec 2012
Jan 2010-Dec 2013
Jan 2012-Dec 2015
Jan 2008-July 2011
July-2011-Dec 2011
Jan 2009-Dec 2012

LAPORTE COUNTY BOARD OF HEALTH ATTORNEY

Chris Willoughby

EXECUTIVE SUMMARY OF 2011

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 2011.

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, 2010 thru 2013.

ADMINISTRATOR: Our Administrator, Mr. Tony Mancuso directs and orchestrates the various day by day division operations within the Health Department. Mr. Mancuso provides the department with his organizational skills with an emphasis on communication, collaboration and cooperation among the division's departments. Over site in the streamlining of procedural processes combined with the sharing of knowledge between the departments divisions, provides the residents of LaPorte County with efficient and effective service results.

STAFF: In 2011, the LaPorte County Health Department operated with a staff of 24 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 division.

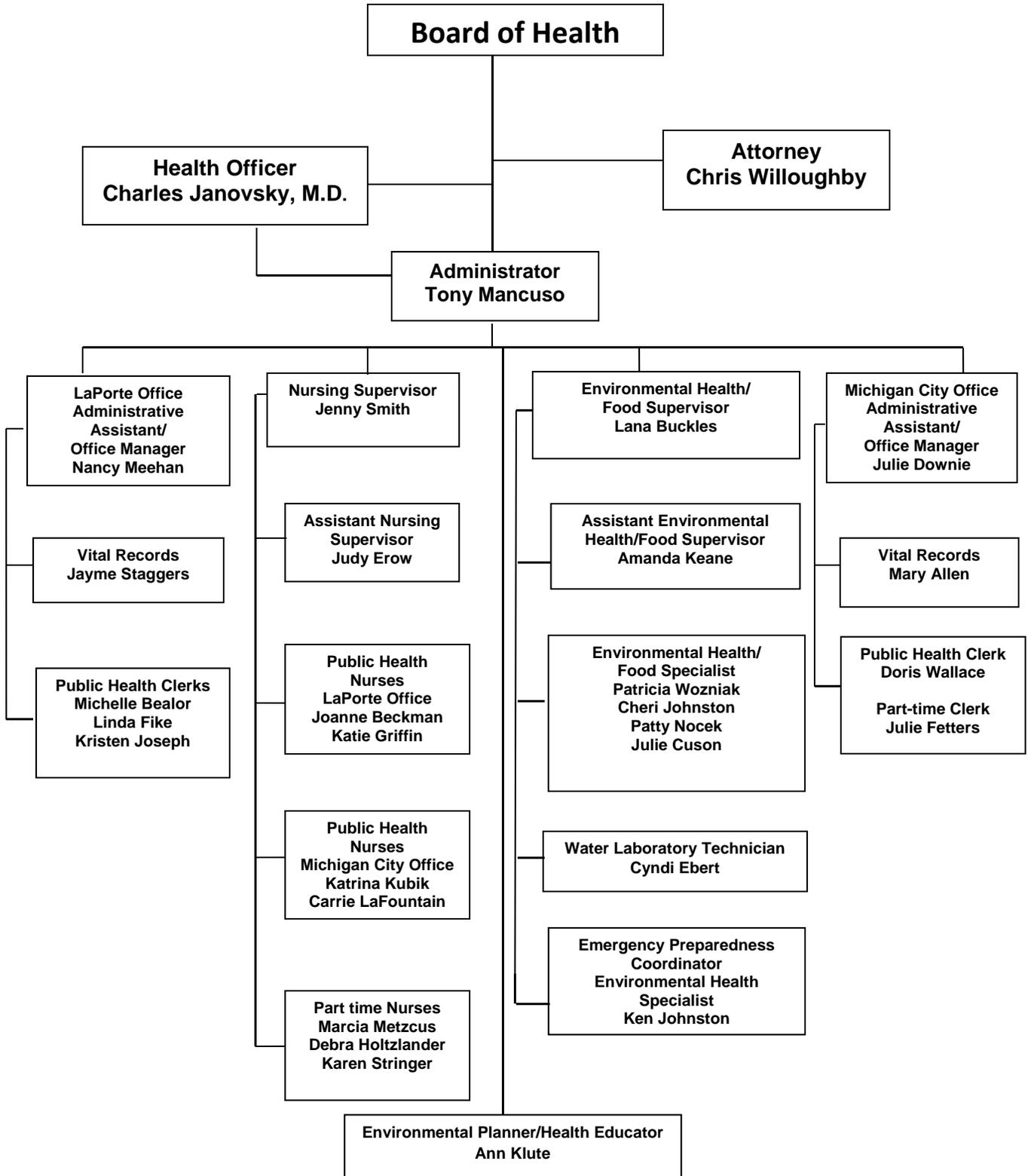
VITAL RECORDS: Our Vital Records Division provides the following critical daily core services to the public from both office locations. The maintenance and constant updating of the Vital Records database, the issuance of certified birth and death certificates, establishment of voluntary paternity, amendments and corrections to birth certificates, genealogical searches for birth and death records dating back to 1882, as well as the processing of on line orders which are handled through the Michigan City office location. The integrity of Vital Statistics is maintained through consistent and uniform procedures achieved through education and training to best serve the citizens of LaPorte County.

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, travel immunizations and 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, and unsanitary living conditions. 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 Educator provides education on various public health topics. The educator works with community agencies and partners to share knowledge of social, economic, and cultural factors impacting the health of the community.



FINANCIAL

GENERAL HEALTH FUND

219

<u>STATEMENT OF RECEIPTS</u>	<u>2010</u>	<u>2011</u>
Property Tax	1,120,811.75	795,779.29
License Excise Tax	100,581.65	100,373.41
Permits (Water, Food, Septic, etc.)	170,144.50	201,817.50
Immunizations	8,103.55	6,839.23
Birth & Death Certificates	93,531.80	94,237.50
Misc./Reimbursements/Receipts	3,544.41	3,894.70
Total Receipts	\$1,496,717.66	\$1,202,941.63

<u>STATEMENT OF PERSONAL SERVICE</u>	<u>APPROPRIATIONS</u>	<u>EXPENDITURES</u>
Salaries	878,530.61	854,308.10
OASI Withheld	49,000.00	48,277.78
Medicare Withheld	12,000.00	11,290.56
County Retirement Contribution	60,981.00	60,980.75
Employee Group Insurance	224,000.00	199,626.05
Unemployment Compensation	2,500.00	1,434.00
Total Personal Services	\$1,227,011.61	\$1,175,917.24

<u>SUPPLIES</u>	<u>APPROPRIATIONS</u>	<u>EXPENDITURES</u>
Office Supplies	10,063.27	8,446.05
Equipment (Service/Repair)	10,000.00	7,919.45
Clothing	3,026.85	2,265.19
Microfilm/Photocopy/Claims	3,441.01	3,249.90
Laboratory Supplies	41,000.00	40,640.98
Education Supplies	4,200.00	3,130.51

Environmental Supplies	11,000.00	7,870.16
Total Supplies:	\$82,731.13	\$73,522.24

GENERAL HEALTH FUND **219** continue

<u>SERVICES</u>	<u>APPROPRIATIONS</u>	<u>EXPENDITURES</u>
Professional Services – Health Officer	25,500.00	25,500.00
Compensation – Health Board	3,360.00	2,400.00
Professional Healthcare Services	40,208.90	39,252.09
Postage	12,000.00	9,848.93
Mileage	32,484.40	20,482.69
Telephone	15,000.00	11,848.56
Dues	2,000.00	1,280.00
Subscriptions	1,035.00	995.48
Publishing	3,000.00	949.58
Printing	4,000.00	3,257.72
Education & Training	10,814.00	9,617.72
Litigation Expense	5,000.00	2,048.50
Total Services:	\$154,402.30	\$127,481.27

TOTAL:	APPROPRIATIONS	EXPENDITURES
	\$1,464,145.04	\$1,376,920.75

YEAR END BALANCE: \$87,224.29

ENVIRONMENTAL HEALTH FUND **519**

<u>STATEMENT OF RECEIPTS & EXPENDITURES</u>	<u>2010</u>	<u>2011</u>
Carryover	58,873.67	58,873.67
Receipts	0.00	0.00
Expenditures	0.00	0.00

YEAR END BALANCE

\$58,873.67

\$58,873.67

LOCAL HEALTH MAINTENANCE

520

STATEMENT OF RECEIPTS

Grant Money from ISDH	\$ 72,672.00
Carryover	\$ 26,833.00
Total Receipts:	\$99,505.00

STATEMENT OF PERSONAL SERVICES APPROPRIATIONS EXPENDITURES

Salaries (Full /Part time)	55005.00	54,673.82
OASI Withheld	3,600.00	2,910.83
Medicare Withheld	900.00	680.72
County Retirement Contribution	3,000.00	2,867.80
Employee Group Insurance	12,000.00	5,910.48
Total Personal Services:	\$74,505.00	\$67,043.65

SUPPLIES/SERVICES APPROPRIATIONS EXPENDITURES

Animal/Vector Supplies	2,000.00	1,880.47
Professional Service	9,500.00	7,848.94
Tech/Software	1,500.00	1,220.00
Mileage/Travel	4,000.00	665.00
Office Equipment/Furniture/Computer	8,000.00	7,876.07
Total Service:	\$25,000.00	\$18,825.48

TOTAL:	APPROPRIATIONS	EXPENDITURES
	\$99505.00	\$85869.13

YEAR END BALANCE: \$13,635.87

INDIANA LOCAL HEALTH DEPARTMENT TRUST ACCOUNT

0723

STATEMENT OF RECEIPTS

Grant Money from ISDH	\$46,144.95
Carryover	\$49,056.24
Total receipts:	\$95,201.19

<u>Supplies/service</u>	<u>APPROPRIATIONS</u>	<u>EXPENDITURES</u>
Claims	\$75,201.19	\$17,158.74
Contract employee	\$20,000.00	\$11,800.00
Total:	\$95,201.10	\$28,958.74

YEAR END BALANCE: \$66,242.45

BEACH ACT GRANT

0718

Grant Money from IDEM \$12,503.99

<u>STATEMENT OF PERSONAL SERVICE</u>	<u>APPROPRIATION</u>	<u>EXPENDITURES</u>
Salaries	\$4,000.00	\$3712.20
OASI Withheld	\$210.00	\$209.24
Medicare Withheld	\$50.00	\$48.94
Total Personal Services	\$4,260.00	\$3,970.38

SUPPLIES/SERVICES/OTHER

Claims	\$8,243.99	\$7,930.32
Total	\$8,243.99	\$7,930.32

TOTAL: APPROPRIATION \$12,503.99 EXPENDITURES \$11,900.70

YEAR END BALANCE: \$603.29

VITAL RECORDS

January of 2011 marked the launching of the Electronic Death Registry System (EDRS). Registration with the system was mandated by the Indiana State Department of Health (ISDH) for all practicing physicians that may have cause to sign a death certificate. The EDRS is the sister program to the Electronic Birth Registry System (EBRS) which launched in 2007. The EBRS and EDRS are part of the re-engineering efforts to meet the National Association of Public Health Statistics and Information Systems (NAPHSIS) recommendation for implementation of a national standard to control the potential for certificate fraud. Indiana is a leading state in its efforts to maximize its efforts in this regard to meet specific standards for the accreditation process. The collaboration and communication that occurred between the local and state entities was a key element in the successful debut of the program.

The EDRS has proven to be successful in streamlining the procedure of filing a death certificate in an effective timely manner. The ISDH provides an online support team that stands ready to assist all physicians who may require assistance in maneuvering through the system.

In the early stages of the program one drawback for the Vital Records Division was the inability to access, track and monitor statistics and data on a real time basis. The ISDH has since put forth a concentrated effort in collaborating with local authorities to alleviate this obstacle.

Our two Registrars attended the Indiana Vital Records Association (IVRA) conference training session in the later part of April. The conference focused on ISDH procedural updates combined with an additional concentration placed on Indiana law revisions and its effect on the procedural execution of Paternity Affidavits. LaPorte County hosted the IVRA fall conference held in October. Mr. Mancuso provided the opening welcoming address to the IVRA members who represented the ninety-two counties throughout the state. The conference offered educational workshops and break-out sessions to provide members with the up to date reporting data criteria. The challenge for the vital statistics staff throughout the state is to maintain and improve data analysis quality for public health reporting which assists in monitoring trends and conditions at a local level.

The Vital Records Division continues to be vigilant educating the public in regards to the secured storage of their certified birth certificates. Nationwide, identity theft cases have realized a steady increase. The loss of these "breeder" documents has the potential to create chaos for the unassuming victim. It has been the observation of the Vital Records staff that too many of their clients carry the entire family's certified birth certificates as well as social security cards in their wallets or purses on a regular basis. It is imperative as the issuing agency of this document to be proactive in educating the public on proper

storage and safety procedures. It is the departments continued duty to protect the interest and welfare of the general public.

Goals

Vital Records goals and objectives for 2011 were achieved in several areas. The collaboration and communication between the division, local physicians, hospitals and funeral homes resulted in the successful launching of the IDRS program. In working together we were able to advance public health through improved procedures and technology. We encouraged and fostered development with our personnel in their technical proficiency through cross training in the new IDRS program, which resulted in our ability to better serve the public in an efficient and effective manner. We will continue our commitment to meet or exceed the health needs of the community in 2012 by maximizing our staff's abilities to create a cohesive team that will function as one well-organized unit.

Deliveries by Maternal Age LaPorte Hospital

Age Groups	2009	2010	2011
10 to 13	0	0	0
14 to 16	6	13	8
17 to 19	70	65	58
20 to 24	190	190	211
25 to 29	202	199	219
30 to 34	118	124	120
35 to 39	46	44	48
40+	24	5	20
Totals	656	640	684



■ 2009
■ 2010
■ 2011

Deliveries by Maternal Age St. Anthony Memorial Hospital



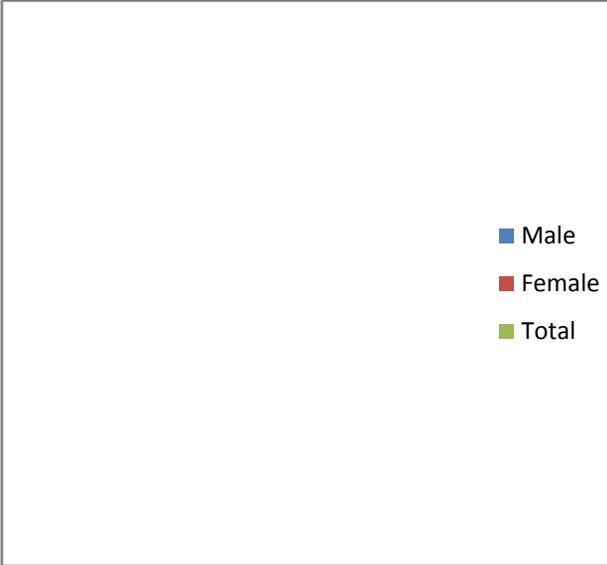
■ 2009
■ 2010

■ 2011

Age Groups	2009	2010	2011
10 to 13	1	0	1
14 to 16	13	14	10
17 to 19	100	79	56
20 to 24	233	186	196
25 to 29	193	186	191
30 to 34	126	118	130
35 to 39	55	42	42
40+	11	13	16
Totals	732	638	642

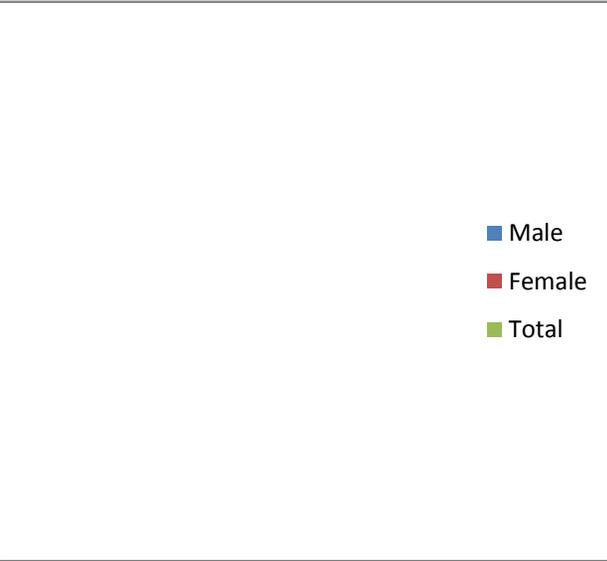
IU Health LaPorte Hospital Births

	<u>2009</u>	<u>2010</u>	<u>2011</u>
Male	334	331	352
Female	322	309	332
Totals	656	640	684



St. Anthony Memorial Hospital Births

	<u>2009</u>	<u>2010</u>	<u>2011</u>
Male	362	313	335
Female	370	325	307
Totals	732	638	642



Total Number of County Births

	<u>2009</u>	<u>2010</u>	<u>2011</u>
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Male	696	644	687
Female	692	634	639
Totals	1388	1278	1326

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. The nursing staff assists clients in accessing needed health care services, protects their health through prompt investigation of disease threats, and identifies healthcare gaps by partnering with other agencies in the community to better serve the 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.

Goals

The Nursing Department goals in 2011 were focused on enhancing community partnerships and the delivery of public health services in our community. This was accomplished by partnering with many medical and public service agencies to enhance the delivery of health care services. In 2012, 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 immunizations 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 (CDC), and vaccine manufactures.

The LaPorte County Health Department participates in the Vaccine for Children program (VFC). This program is a federally funded program that provides eligible children vaccines at no cost to the client. The federal government covers the cost of the vaccine. 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:

- ✚ Medicaid Eligible
- ✚ Uninsured
- ✚ American Indian or Alaskan Native
- ✚ Underinsured (have health insurance that does not cover vaccines)

The following vaccines are available through the LaPorte County Health Department:

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

Adult Immunizations

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

- Tdap (Tetanus, Diphtheria, and Pertussis)
- Hepatitis A vaccine
- Gardasil
- Meningococcal
- Zostavax (shingles vaccine)
- MMR (Measles, Mumps, Rubella)
- Hepatitis B vaccine
- Influenza
- Polio

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 client's itinerary, health history, and immunization history by a nurse. Recommendations are made based on current information published by the Centers for Disease Control and Prevention (CDC). Current outbreaks and travel advisories are taken into consideration during the consultation. Although Malaria prophylaxis medication is not available through the health department, travelers are given the recommendations for prophylaxis to obtain the proper prescription from their private physician. The following vaccines are available to travelers:

- Yellow Fever
- MMR (Measles, Mumps, Rubella)
- Typhoid
- Meningococcal
- Hepatitis A
- Polio
- Hepatitis B
- Tdap

105 clients received immunizations for international travel in 2011.

There were 6890 patient visits and 14405 immunizations provided during 2011.

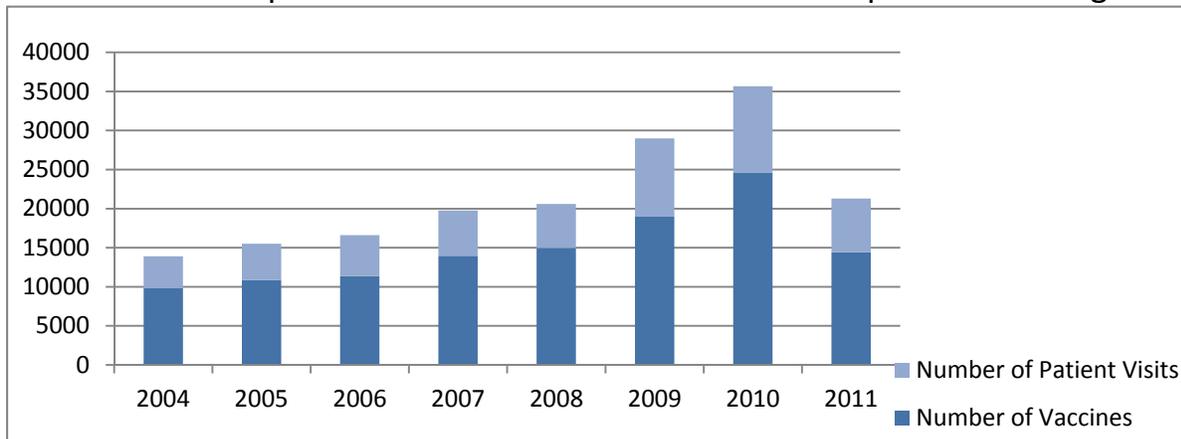
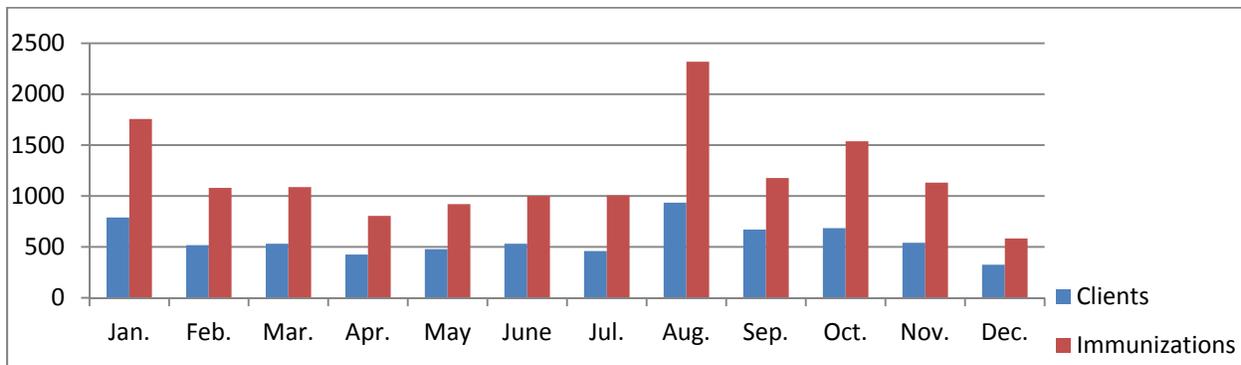


Figure 1: Number of vaccines and patient visits per year

(Childhood immunizations, adult immunizations, adult flu clinics, travel immunizations, and vaccines provided in the confidential services clinics)



Number of clients and immunizations by month 2011

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 2011. **

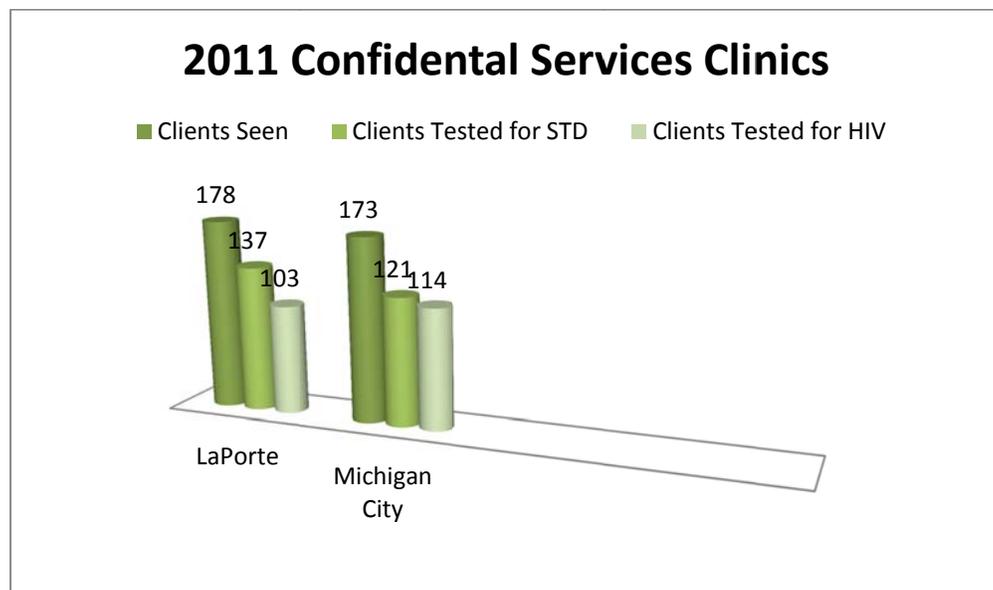
Campylobacterosis	5	Chlamydia	270
Cryptosporidiosis	2	Escherichia Coli	2
Gonorrhea	80	Hepatitis, Viral, Type A	0
Hepatitis, Viral, Type B (Acute)	3	Hepatitis, Viral, Type B (Chronic)	4
Giardiasis	4	HIV	5
Hepatitis, Viral, Type B (Perinatal)	1	Hepatitis, Viral, Type C (Acute)	8
Hepatitis, Viral, Type C (Chronic)	150	Haemophilus Influenza	3
Histoplasmosis	4	Legionellosis	4
Listeriosis	1	Lyme Disease	20
Meningococcal – Invasive	0	Mumps	0
Pertussis	0	Salmonellosis	9
Varicella	4	Shigellosis	3
Streptococcus, Group A, Invasive	7	Streptococcus, Group B, Invasive	2
Streptococcus Pneumonia, Invasive	16	Syphilis	14
West Nile Virus	0	Toxic Shock Syndrome	0
Animal Bites	66	Rocky Mountain Spotted Fever	1
Measles	0		

*** 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 advisable. Clients receive examinations and risk assessments by a nurse practitioner. Diagnostic services, treatment, and vaccine referrals are also provided at no cost. Lab tests are done at no cost to the client and are funded by the Indiana Family Health Council. **351 Clients were seen in our Confidential Services Clinics in 2011. 258 clients were tested for Chlamydia and Gonorrhea and 217 clients were tested for HIV.**

	LaPorte Confidential Clinic	Michigan City Confidential Clinic
Number of Clients Seen	178	173
Number of Clients Tested	137	121
HIV Tests Performed	103	114



Wellness Blood Screening

The wellness blood screening service is offered once a month in both offices. This low-cost preventative health care screenings provide the client and their physician with valuable information regarding a client’s overall health. We offer the Complete Metabolic Panel (CMP), Complete Blood Count (CBC), Hemoglobin A1C, and Prostate Specific Antigen (PSA) The health department forwards copies of these results to the client and their physician.

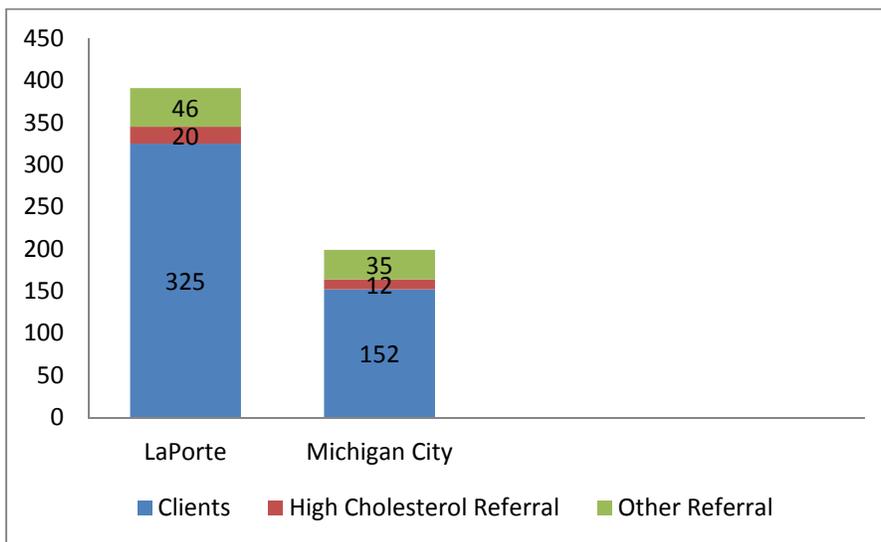
The complete metabolic panel includes the following components:

- | | | | |
|-----------|------------------------|----------------|--------------|
| • Calcium | • Phosphorus | • Chloride | • Potassium |
| • Sodium | • AST (SGOT) | • HDL | • LDL |
| • BUN | • Creatinine | • Triglyceride | • ALT (SGPT) |
| • Iron | • Cholesterol | • Bilirubin | • Albumin |
| | • Alkaline Phosphatase | • Protein | • Glucose |

The complete blood count includes the following components

- | | | | |
|---------------------|-------------------|------------------|---------------|
| • White Blood Cells | • Red Blood Cells | • Hemoglobin | • Hematocrit |
| • MCV | • MCH | • MCHC | • RDW |
| • Platelets | • MPV | • RBC Morphology | • Neutrophils |
| • Lymphocytes | • Monocytes | • Eosinophil's | • Basophils |

2011 Wellness Blood Screening Statistics



In 2011 – 477 clients received services, 32 were referred for high cholesterol and 81 were referred for abnormal lab results.

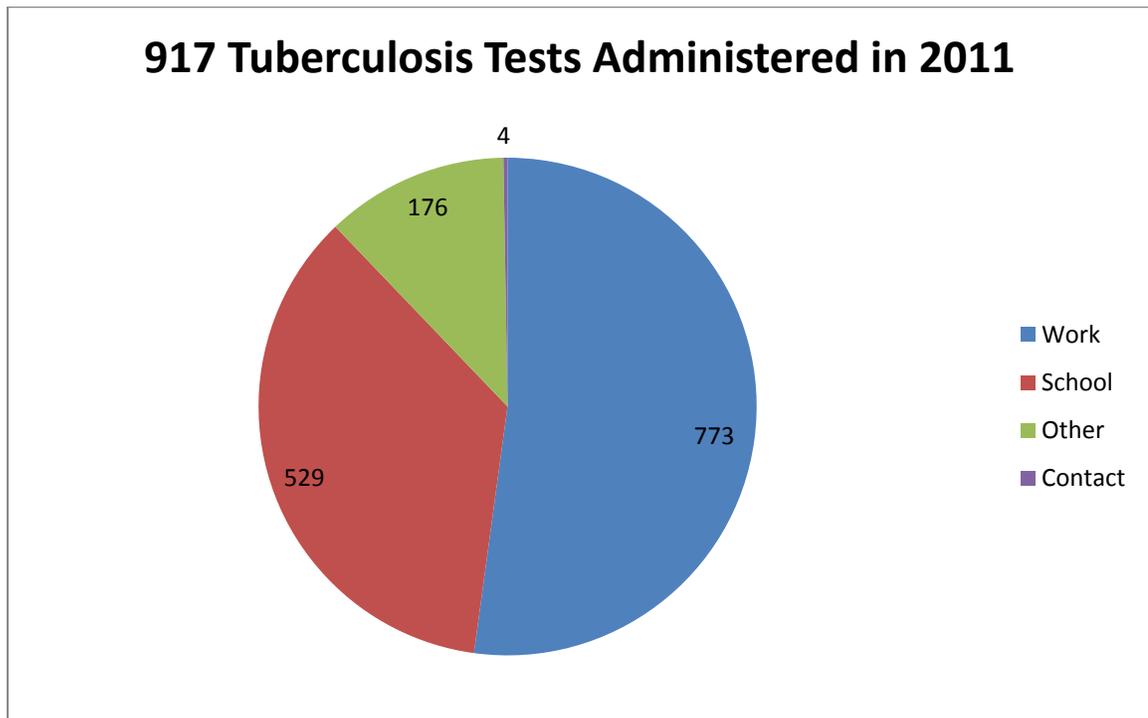
Tuberculosis Prevention and Control

The overall priorities for the treatment of Tuberculosis are early identification and 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. We had 28 clients receive follow up through the chest clinic in 2011.

In 2011, we had two active tuberculosis cases, 15 latent tuberculosis cases, and 8 suspected tuberculosis cases. We closed 11 total tuberculosis cases in 2011.



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 and pregnant women. The department provides this service in both offices twice per month on a walk-in basis. Families of children who are identified as having elevated blood lead levels receive an environmental assessment and case management services provided by the nursing case manager and the certified lead risk assessor.

We tested 55 clients for lead in 2011. We had 102 lead tests reported to us by outside agencies and 100 were within normal limits and 2 were elevated. We performed 3 home visits and risk assessments in 2011.

HEALTH EDUCATION

Health Education Department (HED) has completed one full year of service to LaPorte County residents. HED has continued to assist the nursing and environmental departments in the health department with any communication needs to the public via press releases, newspaper ads, posters, pamphlets, bulletin boards, and power point presentations. HED also continues to promote activities of the health department through community engagement and agency sharing. HED participated in (15) fifteen community activities last year. Health fairs for the schools in the county were the main events. Numerous freebies (grocery totes, hand sanitizer, lip balm) along with health department services and specific education topics were discussed with participants.

HED has continued to work towards many goals set last year during initial inception of this section of the health department. The health department section of the county webpage is now being changed and edited from the HED. Easier to follow menus, and fillable forms, updated current information, and much more information is going to be available to all users.

Nine professional development classes were attended in 2011. One class has been presented to the health department management team regarding time saving techniques and time management strategies to improve productivity. The premise is to pay attention to details, recover pockets of time, and be proactive. Items discussed included characteristics of high quality goals, using planning systems

and calendars, time savers and technology, streamlining and organizing paperwork, creative and effective delegation, conducting productive meetings, handling pressure and stressors. Additional classes will be presented to staff in 2012.

A few years ago the Indiana State Department of Health, in collaboration with Purdue University's Healthcare Technical Assistance Program – Population Health Initiatives Program, collaborated to create an opportunity for all local public health system partners to identify existing strengths, as well as opportunities to establish and formalize public health system infrastructure improvements in Indiana counties. On April 11, 20, and 29, 2011 the LaPorte County Health Department partnered with Purdue University Healthcare TAP and other community partners to conduct a community assessment to evaluate how well the communities needs were being met. The nationally recognized assessment tool - CDC's National Public Health Performance Standards, Local Public Health System Assessment was utilized. Since questions were answered as a group and having to decide the answers to the questions with the majority in the room, it was imperative that representatives from several different types of organizations and agencies were present to properly answer the questions. Anywhere from 18-25 people attended the assessment on a given day. We were told this was an average number of people to turn out for this event. The assessment allowed us to understand how the different agencies compare to one another and how each agency is providing essential public healthcare needs to our community. The assessment focuses on communication, partnerships, linking people to needed services, and sharing of resources. Strengths and weaknesses were revealed and shared with participants and other interested parties. Improvement in quality and effectiveness of healthcare services would be an ideal outcome. The community partners decided to work on a platform to better communicate with each other and the public. The United Way's 211 program is still being investigated as a venue for this platform. The community hopes to have a unity meeting in the near future to bring agencies together to foster communication and partnerships to better serve the population of LaPorte County.

ENVIRONMENTAL HEALTH SERVICE

The Environmental Health 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 are: environmental/sanitation complaints, food inspection, on-site sewage system, water laboratory and public and semi-public pools, wading pools and spas, outdoor hydronic heaters, radon, vector control, tattoo and body piercing, lead, mobile camp cars and emergency preparedness. The environmental health section continues to sample the waters of Lake Michigan and the inland beaches of LaPorte County. There are seven full time positions and three intern (summer only) positions to assist us with these programs.

Environmental/Sanitation Complaints

This section handles all complaints made to the health department. Complaints range from trash and garbage to unsanitary living conditions. County residents most commonly submit complaints through anonymous phone calls, letters, or visits to the office. Occasionally, the complaint process is initiated by county officials as they are observed in the field or through other county agencies (i.e. building

department, animal control, and adult protection service.) 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. If the complaint is found to be invalid, it is closed. If the complaint is found to be valid, then county officials will consult with the subject of the complaint and inform them of the appropriate action that needs to be taken in order to remediate the situation.

Total complaints:	2010	2011
Abandoned property	2	4
Animals	9	9
Unsanitary living	27	29
House condemnation	2	1
Trash & Garbage	20	32
Dump sites	4	7
High weeds/grass	1	11
Open burning	12	9
Indoor air	10	5
Outdoor air Pollution	5	4
Insects and mice	21	5
Septic / sewage	21	28
Water Pollution	0	2
Stagnant swimming Pool	3	18
Tires	3	6
Housing	14	15
Drinking Water	2	1
Rats	0	0
Hazardous Material	0	2

Lead Risk Assessments

The Environmental Health section of the health department has a licensed lead risk inspector/assessor on staff. The assessor/inspector investigates the interior and exterior of homes within the county for the presence of deteriorating lead based paint and other lead hazards. Research has proven that when ingested, lead based paint can cause learning disabilities, and behavioral problems in young children. Lead risk assessments/inspections 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 inspection/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) in their system. This notification prompts the inspector/assessor to contact the child's parents/guardians and set up an initial consultation within the home (either private or rental). At this time an interview is

conducted, and paint chip samples 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 assessor/inspector provides additional consultation with the property owner by prescribing the appropriate actions best suited to remediate the situation within a given prescribed timeframe. In total, there were 3 lead risk assessments/inspections completed in 2011.

ISDH has notified local health departments that there will not be any grant money for the Lead Risk program. The LaPorte County Health Department will continue to investigate and test homes by request if an elevated blood lead level is reported.

Outdoor Hydronic Heater Program

(Outdoor Wood Boilers/Outdoor Wood Burning Furnaces)

Indiana has adopted 326 IAC 4-3 to establish emission limits for new outdoor hydronic heaters. In addition, fuel use restriction, stack height requirements and limited summertime operation ban has been adopted for existing units. The effective date of this rule was May 18, 2011. The rule will be enforced by the Indiana Department of Environmental Management (IDEM) and overrides the local ordinance. The health department will continue to educate owners, and will continue to log complaints regarding these units and report them to IDEM. We will be the liaison between IDEM and the homeowner when necessary.

Public Swimming Pools

The Environmental staff continues to inspect and review plans for all public and semi-public pools in LaPorte County. There were 33 indoor and 34 outdoor public and semi-public pools that were inspected 4 times last year by the environmental staff. One hundred seventy four inspections were conducted in 2011. This figure does not include follow-up return trips or consultations. The environmental section has 6 staff members that are certified pool operators. All pools in LaPorte County must employ a certified pool operator to operate their pools. These pools are a mix of recreational pools, spas, wading pools, diving pools, therapy pools, and competition lap pools. A pool may have been closed due to failure of their weekly water sampling. They cannot fail two consecutive samples or three samples in a six week period without being closed until a satisfactory sample is achieved. Guidelines for inspection

are set forth in the Indiana State Department of Health Rule 410 IAC 6-2.1 and LaPorte County Ordinance No. 15.

Vector control (West Nile Virus)

Once again the health department conducted surveillance to determine the spread of the West Nile Virus. During the months of May thru September the environmental section set up mosquito traps throughout the county and applied larvicides in areas where needed. Several hundred mosquitoes were sent to the Indiana State Department of Health (ISDH) Molecular Laboratory for West Nile Virus (WNV) testing. No pools collected by the LaPorte County Health Department tested positive for the 2011 season.

On-Site 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 LaPorte 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 171 septic permits issued in 2011. The staff environmental health specialists completed over 286 individual site evaluations, plan reviews, soil borings and inspections.

Water Laboratory

The LaPorte County Health Department 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, surface water, including recreational beach waters for the enumeration of E.coli, and a heterotrophic plate count for each pool and spa sample. Re-certification is done every three years by the Indiana State Department of Health. In addition, the lab offers chemistry screening analysis such as nitrate, nitrite, lead, iron and fluoride. Currently the lab is not certified in any chemistry analysis; however we are currently working towards being certified for testing water for nitrate by the end of 2012.

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.

National Drinking Water Week

2011 National Drinking Water Week – LPCHD Water Laboratory Report

May 8th- 14th, 2011 was National Drinking Water Week.

The LPCHD offered free nitrate testing beginning May 9th (Monday) thru May 31st (Tuesday) to any LaPorte County resident utilizing a private well supply.

Normal charge for these tests is \$18.

Sample bottles and information regarding nitrate in well water were available for pick-up at the following locations throughout the county:

LaPorte and Michigan City LPCHD offices

Trail Creek Town Hall

Wanatah Utilities

LaPorte County Library Branches (Rolling Prairie, Fish Lake, Westville, Union Mills)

275 test kits were set up for distribution.

41 tests were picked up by the public.

27 water sample tests were brought to the lab to be tested.

14 bottles were never returned to the laboratory.

Only 2 of the 27 samples tested for nitrate had levels over the MCL set forth by the EPA.

All participating residents were given a copy of results, along with information about nitrate in well water and what to do if levels exceed the MCL.

Beach Sampling

The LaPorte County Health Department (LPCHD) has completed its tenth year of contracting with the Indiana Department of Environmental Management (IDEM). This contract originally was put in place to supplement our existing program with federal funds from the Beaches Environmental Assessment and Coastal Health Act (BEACH Act). The Act was set up for states to develop and implement beach water quality monitoring and notification programs. The LPCHD has had an existing sampling and notification program for our Inland and Lake Michigan Beaches for over twenty years. We ultimately used the money to enhance our monitoring and notification program. Locally, it helped to reduce our tax base

since federal money was now supplementing our program. We have used the money to buy worn out equipment for our field sampling staff such as coolers, wind meters, compasses, meter sticks, and thermometers. Phones, cooler packs, first aid kits, rain gear, hand sanitizer, sun block and clip boards have also been purchased using Beach Act money.

Notification this year was the same as last year. We continued with the paperless lab sheets this year. Our field log forms were used as our chain of custody and our lab forms. These were entered into two different databases on-site. One is our main access database that holds all the field data as well as e.coli results with CSO notifications and closure/advisory data. Our other database is for comparison of results using the geomean with all sites that are tested in LaPorte County. Results from Lake Michigan were also entered into the Indiana Department of Environmental Management's website. Press releases went out daily, usually by 9:00am with the previous day's data. Website was usually updated by 11:00am.

Food Protection

The inspectors of the Environmental Health/Food Division 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 impromptu inspections throughout the year. In 2011, the inspectors performed 1,077 routine inspections on the retail food establishments.

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

Statistical Summary

Licenses Issued:	2009	2010	2011
Food Service Establishments	555	501	513

Mobile Units	47	48	38
Temporary Food Establishments	221	250	348
New Establishments	57	61	49

Inspection Activity:

Retail Food Service	1086	1032	1077
School Kitchens	86	86	86
Temporary/Mobile	333	275	406
Fire Investigations	2	1	3
Non Profit Organizations	36	32	34
Complaint Investigations	76	71	32
Possible Foodborne Illness	31	12	8
Food Recalls	322	228	229
Consultations (field/office/phone)	1201	976	603
Temporary Closures	3	3	2
Administrative Hearings	3	5	2