

St. Joseph County Health Department

2013 Annual Report

Thomas A. Felger, MD
Health Officer

Nick Molchan, MPA, REHS
Administrator

Main Office

St. Joseph County Health Department
227 West Jefferson Boulevard
South Bend, IN 46601
(574) 235-9750

Branch Office

219 Lincolnway West
Mishawaka, IN 46544
(574) 256-6218

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Board of Health Members

President

Michael Harding
Appointed by the County Commissioners
Democrat, Term Expires December 31, 2013

Vice President

David Roos
Appointed by the Mayor of South Bend
Democrat, Term Expires December 31, 2015

Secretary

Thomas A. Felger, MD

Members

Jeffrey Buchs, DVM
Appointed by the Mayor of South Bend
Republican, Term Expires December 31, 2016

Uthman Cavallo, MD
Appointed by the Mayor of South Bend
Democrat, Term Expires December 31, 2014

Dale D. Deardorff, MD
Appointed by Mayor of Mishawaka
Independent, Term Expires December 31, 2015

Ernest Jankowski, MD
Appointed by the County Commissioners
Democrat, Term Expires December 31, 2016

Mark Kricheff, M.D.
Appointed by the County Commissioners
Independent, Term Expires December 31, 2013

Board Attorney

J. David Keckley, JD

Mission, Vision and Value Statements

Mission

To promote physical and mental health and facilitate the prevention of disease, injury and disability for all St. Joseph County residents.

Vision

Healthy people in a healthy St. Joseph Community

Values

Daily we will:

Carry out the MISSION of the Health Department while striving to achieve EXCELLENCE in our work product and interactions with customers and coworkers.

Exhibit INTEGRITY in the workplace, always being truthful, honest and trustworthy.

Show RESPECT to customers, supervisors, coworkers and oneself.

Display a POSITIVE ATTITUDE.

ADVOCATE for our community's health.

Health Officer

2013 has again been a busy year for the Health Department. One additional employee in both the Health Education and Environmental Divisions has increased our ability to serve the public. Requests for Health Education presentations have increased almost exponentially. Our budget for 2014 was passed as presented and includes funding for a part-time grant writer, which should also improve our capacity to serve.

We have seen a transition in nursing leadership with a new Director of Nursing and Assistant Director, as well as several new nursing staff. Overall immunizations were down some this year; however, we saw a significant increase in school influenza immunizations. We also saw a significant increase in active TB cases to be managed. Our in-detail study of groundwater problems was released and our environmental staff is now working with other local agencies to create a long range Groundwater Plan for St. Joseph County. Our food permits continue to increase with more inspections for our staff, and we have received good press coverage of our efforts with problem food establishments. Our Preparedness Division continues to work with our local emergency agencies and update Preparedness Plans that were significantly outdated. Working with the Prosecutor's office we helped reestablish our local Child Fatality Review Team.

St. Joseph County Health Department Staff

Staffing as of 12/31/2013

Thomas A. Felger, MD – Health Officer

Nick Molchan, MPA, REHS – Administrator

Mary Rooney – Executive Assistant

Amy Ruppe – Finance Manager

Epidemiology & Emergency Preparedness

Genessa Doolittle, MPH, CHES – Supervisor

Paul Burrows – Local Public Health Coordinator

Environmental Health

Marc Nelson – Director

Linda Mauller, BS – Assistant Director

Denise Kingsberry – Administrative Assistant

LaTeesha Wright – Staff Assistant

Mark Espich

Matt Gavelek, P.E.

Whitney Griffin

John Lankowicz

Adrienne Lenyo

Matt Longfellow

Jeff Murawski

Melissa Papp

Paula Reinhold

Food Services

Rita Hooton, BS, C.F.S.P. – Director

Carolyn Smith, BS, C.F.S.P. – Assistant Director

Pam Thompson – Administrative Assistant

Sharyl Smith – Staff Assistant

Susan Burnett, BS

Karen Flanigan, BA, C.F.S.P.

Kevin Harrington, BS, C.F.S.P.

Tom Meyer, BA, C.F.S.P.

Sara Schaefer

Health Education

Robin Vida, MPH, CHES – Director

Kirstin Boyd, BS, CHES

Lissette Santana

Kayla Whaley, BS, CHES

Nursing

Christine Hinz, RN, BSN – Director

Julie Toppen, RN, BSN – Assistant Director

Donna Donlin-Sriver – Medical Records/Registrar

Carol Frazee – Billings Clerk

Courtney Dewart, RN, BSN

Jacquelyn Garski, RN

Jessica Lemon, RN

Mary Lopez

Carey Matthews, RN, BSN

Lori Montgomery, RN, BSN

Susan Rabe, RN

Neiko Rust, RN, ADN

Paula Sulentic

Connie Wawrzyniak

Vital Records

Ericka Tijerina, BS – Supervisor

Zamiki Chism – Assistant Supervisor

Bettie Jackson

Sue Sjoberg

Katie Way, CMA

Financial

During FY2013, the Indiana State Department of Health (ISDH) eliminated the STD Grant that the Health Department had been awarded for many years in the past. In addition, the Health Department elected not to re-apply for the Bioterrorism/Emergency Preparedness Grant for the 2013/2014 period due to the strict guidelines issued with the grant. On the other hand, the Health Department received \$50,000 from ISDH for the Influenza Immunization Grant for the second year in a row. In regards to revenue, the Health Department saw a slight decrease in fee revenue, which, when compared to 2012, was down by approximately 0.25%. However, the Health Department saw a significant increase in tax support, which was approximately 82.50% more than in 2012.

- A \$20,000 ISDH grant for our Bioterrorism/Emergency Preparedness program
 - (valid 08/10/12 thru 06/30/13)
- A \$50,000 grant for our Influenza Immunization program
 - (valid 08/01/13 thru 12/31/13)
- A \$72,672 ISDH grant for our Local Health Maintenance program
 - (valid 01/01/13 thru 12/31/13)
- A \$143,446.97 Local Health Department Trust Account grant from ISDH
 - (valid 07/01/13 thru 12/31/14)
- A \$392,060 grant for our Health H.U.D. program
 - (valid 05/01/12 thru 04/30/15)

*Amounts listed above are “Award Amounts”, not amounts actually spent.

	2011	2012	2013
County Health Fund Taxes	\$1,041,911.69	\$650,523.85	\$1,188,156.34
County Health Fund Fees	\$1,257,951.46	\$1,156,467.21	\$1,153,704.02
Grant Revenue	\$371,145.89	\$304,205.70	\$634,222.97
TOTAL REVENUE	\$2,671,009.04	\$2,111,196.76	\$2,976,083.33
County Health Fund Expenses	\$2,084,885.71	\$2,155,058.56	\$2,531,178.79
Grant Expenses	\$508,090.04	\$313,610.55	\$694,897.06
TOTAL EXPENSES	\$2,592,975.75	\$2,468,669.11	\$3,226,075.85

County Health Fund 1159 - Revenue

(includes object codes 000 and 800)

	<u>2011</u>	<u>2012</u>	<u>2013</u>
Beginning Balance	\$891,587.63	\$1,090,325.83	\$766,416.46
Tax Revenue	\$1,041,911.69	\$650,523.85	\$1,188,156.34
Fees			
Environmental Services	\$290,878.04	\$289,999.81	\$324,599.97
Food Services	\$247,857.50	\$254,247.00	\$258,175.00
Nursing Services	\$316,734.55	\$309,068.22	\$272,565.36
Vital Records Services	\$320,715.36	\$315,569.75	\$306,478.25
Total Fees	\$1,176,185.45	\$1,168,884.78	\$1,161,818.58
Credit Charged to Account	-\$11,050.11	-\$5,040.63	-\$6,383.58
(Includes (minus) LESS Charge 1 Sales (plus) Credit Charged to Account)			
Charity Care / Write-off's	-\$22,068.20	-\$15,282.25	-\$15,158.27
Other Revenue	\$114,884.32	\$7,905.31	\$13,427.29
(Includes Reimbursements, Transfer of Funds, Refunds, Return or Voided Checks and Non-Identified Revenue)			
SUBTOTAL	<u>\$3,191,450.78</u>	<u>\$2,897,316.89</u>	<u>\$3,108,276.82</u>
Trust Fund	\$99,695.41	\$95,631.31	\$7,108.27
Mini-grants within Fund 1159	<u>\$31,642.47</u>	<u>\$0.00</u>	<u>\$0.00</u>
TOTAL for Fund 1159	<u>\$3,322,788.66</u>	<u>\$2,992,948.20</u>	<u>\$3,115,385.09</u>
Beginning Balances for			
Other Funds/Grants	\$199,437.22	\$128,939.89	\$72,428.03
Other Funds/Grants	<u>\$239,808.01</u>	<u>\$208,574.39</u>	<u>\$627,114.70</u>
TOTAL REVENUE	<u>\$3,762,033.89</u>	<u>\$3,330,462.48</u>	<u>\$3,814,927.82</u>

County Health Fund 1159 - Expenses

(includes object codes 000 and 800)

	<u>2011</u>	<u>2012</u>	<u>2013</u>
Personal Services	\$1,916,834.27	\$1,952,872.41	\$2,308,266.17
Supplies	\$33,123.79	\$27,919.28	\$33,322.72
Other Services and Charges	\$134,927.65	\$174,266.87	\$189,589.90
SUBTOTAL	<u>\$2,084,885.71</u>	<u>\$2,155,058.56</u>	<u>\$2,531,178.79</u>
Trust Fund	\$123,549.84	\$71,473.18	\$316,992.29
Mini-grants within Fund 1159	<u>\$24,027.28</u>	<u>\$0.00</u>	<u>\$0.00</u>
TOTAL for Fund 1159	<u>\$2,232,462.83</u>	<u>\$2,226,531.74</u>	<u>\$2,848,171.08</u>
Other Funds/Grants	<u>\$360,512.92</u>	<u>\$242,137.37</u>	<u>\$377,904.77</u>
TOTAL EXPENSES	<u>\$2,592,975.75</u>	<u>\$2,468,669.11</u>	<u>\$3,226,075.85</u>

Epidemiology & Emergency Preparedness

The Epidemiology & Emergency Preparedness Division is responsible for:

- Communicable disease investigation and surveillance
- Medical countermeasure dispensing planning
- Coordination of Emergency Support Function #8
- Emergency preparedness collaboration with other response agencies
- Emergency preparedness training and education

The Epidemiology & Emergency Preparedness Division provided support to other Divisions within the Health Department in the investigation and surveillance of communicable disease or public health threats. The Supervisor also compiled data on fetal, infant, and child mortality for the St. Joseph County Child Fatality Review Team.

The Division's top responsibility of 2013 was to create an All-Hazard Medical Countermeasure Dispensing Plan to replace the Mass Prophylaxis Plan. A new Point of Dispensing Site was added to the Health Department's plans, and the Emergency Response Vehicle received several updates and new equipment that made it more functional. The Division also conducted bi-monthly meetings of the Emergency Support Function #8 and updated the corresponding annex in the county's Comprehensive Emergency Management Plan.

The Division continued to collaborate with other organizations, providing representation on the Michiana Perinatal Consortium, the Child Fatality Review Team, the Penn-Harris-Madison District Safe Schools Committee, the Indiana State Department of Health's Public Health Emergency Preparedness Cooperative Agreement Committee, the District 2 Citizen Corp Council, the District 2 Healthcare Coalition, and numerous trainings and meetings with community preparedness partners.

Division goals for 2014 include facilitating a functional exercise for Emergency Support Function #8 partners, adding more Point of Dispensing Sites (particularly closed sites) to the current plans, developing plans for a Volunteer Reception Center, and enhancing the Medical Reserve Corps.

Environmental Health

The Environmental Health Division implements the following programs to reduce the release of pathogens into the environment where they may expose the public. Most programs are regulatory driven.

- Septic System Permitting and Inspection Program
- Subdivision Planning and Review Program
- Wellhead Protection Permitting and Inspection Program
- Well Drilling and Water Supply Permitting Program
- Source Water Protection Program
- Lead and Healthy Homes Program
- Concentrated Animal Feeding Operations Permitting and Inspection Program
- Air Quality Program
- Vector Program
- Solid Waste Disposal Program
- Massage Permitting and Inspection Program
- Tattoo and Body Piercing Permitting and Inspection Program

Accomplishments in 2013

Staffing

Three new staff members were hired this year. This is approximately 25% of the total Division staffing.

Drinking Water Protection Plan

The County is preparing a Drinking Water Protection Plan to assess the impact of septic systems on drinking water quality and develop alternatives for reducing that impact. The project is being guided by a Technical Working Group consisting of scientists, engineers, land use planners, industry representatives, and public officials. The first phase of the project was to have an independent assessment of drinking water quality by an environmental contractor. That phase was completed this year. The assessment showed the high nitrates in the drinking water were from septic systems and also showed that pharmaceutical products are present in the drinking water. The second phase is to collect information and cost estimates on various alternatives to reduce the impact on the drinking water. This phase began this year.

Cluster Septic System Replacement Funds

The County septic code was revised to require homeowners associations to collect and maintain funds for the eventual replacement of their cluster systems. The amount of the monthly fee charged to users was established by the Health Department and range from \$25 to \$35 per month per resident and \$5 to \$6 per month per vacant lot.

Illegal Construction Demolition Landfill

The St. Joseph County Circuit Court issued a permanent injunction prohibiting any additional material being taken to a 15 acre unpermitted landfill dump in response to a complaint filed by the Health Department and the Indiana Department of Environmental Management. The court also ordered that an environmental restrictive covenant be attached to the title of the property ending a long-standing violation.

Lead Based Paint Hazard Control

The Division participated in 26 health fairs and other public events to test children for lead and provide information about preventing lead poisoning to parents. 149 children were tested at these events, which exceeded all outreach requirements of the three year grant.

Work Activities	2011	2012	2013
Septic Program			
Inspections Performed	870	699	818
Consultations Performed	26	23	25
Subdivision Program			
Health Officer Reports	15	41	39
Subdivision Reviews	19	48	45
Rezoning & Replat Reviews	10	19	18
Wellhead Program			
Inspections Performed	172	157	246
Well Drilling Program			
On-Site Inspections Performed	379	312	236
Well Abandonments	161	92	232
Source Water Program			
Phase I Inquiries	76	123	57
Spill Responses	5	8	9
Meth Lab Occurrence Response	8	15	10
Other Source Water Inspections	123	105	96
Surface Water Program			
Surface Water Sampling	7	0	2
Lead Program			
HUD Lead Inspections	4	19	27
Lead Risk Assessments	87	72	90
Leadnet Recalls	4	0	0
Public Information Events	37	25	20
Children Tested for Lead Poisoning	4,092	3,559	2,370
CAFO Program			
Inspections Performed	6	0	8
Air Quality Program			
Indoor Air Quality Investigations	0	0	1
Mold Investigations	3	0	2
Vector Program			
Larvacide Swimming Pools/Stagnant Water	6	12	0
Healthy Homes Program			
Total Complaints	88	94	138
Dwellings Declared Unfit	16	8	10

Work Activities continued	2011	2012	2013
Massage Program			
Establishment Inspections Performed	89	76	93
Tattoo/Body Piercing Program			
Inspections Performed	11	12	17
Complaints / Investigations			
Trash	77	55	94
Sewage	104	86	58
Water (ditches, lakes, ponds & swells)	5	4	4
Motels/Hotels	7	4	3
Burning	10	10	14
Other	66	29	17
Abatement Correspondence			
Abatement Letters Sent	70	66	74
Immediate Threat to Public Health Letters Sent	10	10	5
Impending Legal Action Letters Sent	21	10	7

Food Services

To accomplish the mission of the St. Joseph County Health Department, the Food Division inspects nearly 1,300 Retail Food Establishments that operate in St. Joseph County. The inspections are conducted to ensure the establishments are following safe food handling practices and in full compliance with all state and local food sanitation requirements. An establishment's menu type determines the number of inspections an establishment will receive during the year.

The Food Division is also responsible for:

- All food related complaint investigations.
- Investigation of food recalls.
- Reviewing of plans (by the Food Service Director/Assistant Food Service Director) submitted by owners/operators who are building a new establishment or conducting extensive remodeling of an existing establishment.
- Facilitation of the St. Joseph County Food Protection Committee meetings.
- Publishing a Spring/Summer and Fall/Winter newsletter.
- Conducting opening inspections on new establishments and establishments that change their name or have a change in ownership.
- Performing inspections on food vendors who are at temporary events.

Food Division	2011	2012	2013
Complaints - Food Service	154	117	122
Complaints - Food Store	26	26	26
Certificates of Perfect Inspection	490	463	528
Abatement Correspondence	16	14	28
Health Officer Hearings	5	13	8
Number of Opening Inspections	286	223	195
Retail Inspections Completed	2,700	2,224	2807
Establishments Ordered to Cease Operations	10	27	15
Temporary Events *	119	114	155
Temporary Inspections	545	630	857
Possible Food Borne Illness Investigations	8	9	0
Smoking Complaints	19	39	28
Fire Investigations	8	17	6
Pool Information			
Number of Inspections	175	174	166
Consultations	78	55	62
Pool Complaints	10	7	13
Closings**	32	33	33
Staff Development			
Meetings and Trainings (Total In Hours)	216	64.58	86

*Events listed are for the number of temporary events - not the number of days the event was in operation.

**Closed due to improper water quality reports or facilities not submitting water reports as required by ISDH.

Health Education

TOPIC	2011		2012		2013	
	School (K-College)	Adults	School (K-College)	Adults	School (K-College)	Adults
Wellness	98	61	49	149	335	126
Substance Abuse Prevention	10	2	11	2	2	7
Communicable Disease	3	22	2	18	0	24
Sexuality	60	10	79	12	83	27
Chronic Disease	1	21	7	41	10	13
Total Presentations (participants)	288 (6,013)		370 (6,870)		627 (12,830)	

Total Number of Events
(Health Fairs, Community Events, etc.)

	2011	2012	2013
	31	25	38
Total Participants	1,860	1,587	2,877

Highlighted Programs/Projects/Events in 2013

St. Joseph County Health Improvement Alliance

As a result of the National Public Health Performance Standards Project in 2011, a small working group consisting of individuals within the local public health system (LPHS) continued with strategically creating a county-wide health improvement alliance. In November of 2013, more than 40 different public health partners began work collaboratively on major health issues, system infrastructure, and partner communication.

Reducing Obesity Coalition of St. Joseph County (ROC)

In partnership with several ROC members, the “Family Passport to Play” program was designed and implemented. This program offers free events every month in City and County parks allowing family members to participate in activities they may not have originally thought to participate in or could not participate in due to cost. South Bend Mayor Pete Buttigieg and South Bend Police Chief Ron Teachman helped local primary centers kick-off walking school buses, which allowed children to walk to school. Several primary centers have been working on developing individual walking school bus plans to have them be a regular part of the school day. The Director of Health Education worked very closely with the United Way of St. Joseph County on a multi-level, multi-year collective impact obesity project. In the fall of 2013 the Director of Health Education began working closely with the City of South Bend and Mayor Buttigieg to lay the ground work to declare South Bend a “Let’s Move City” following Michelle Obama’s national initiative to fight childhood obesity. Mayor Buttigieg will declare South Bend a “Let’s Move City” early in 2014.

Nursing

The Nursing Division includes the Public Health Nursing Division, the Sexually Transmitted Disease and HIV Clinics Division, the Immunization Clinics, Tuberculosis case management, and Medical Records. The Nursing Division is committed to community and public health nursing. They are advocates for providing access to care to the citizens of St. Joseph County. Nursing staff function in multiple roles within the Health Department and continue to expand their knowledge and skills.

Numbers included in these tables are subject to change following Indiana State Department of Health reconciliation.

Communicable Disease Surveillance						
Condition	2011		2012		2013*	
	Started	Confirmed	Started	Confirmed	Started	Confirmed
Babesiosis	0	0	1	0	0	0
Botulism	0	0	0	0	0	0
Brucellosis	***	***	1	1	0	0
Campylobacteriosis	49	39	36	25	46	11
Cholera (toxigenic Vibrio cholera 01 or 0139)	***	***	1	0	0	0
Cryptococcus neoformans	3	3	2	2	2	2
Cryptosporidiosis	8	6	7	5	12	10
Dengue	2	0	2	0	0	0
Ehrlichiosis	0	0	1	0	2	0
Encephalitis (Arthropod - borne and Primary)	2	0	1	1	0	0
Giardiasis	16	14	21	20	9	8
Hemolytic uremic syndrome	***	***	1	1	1	1
Hepatitis A	2	1	4	0	8	4
Hepatitis B – Acute	48	0	46	1	49	1
Hepatitis C – Acute	146	0	192	3	207	3
Hepatitis E	1	0	0	0	1	0
Histoplasmosis	8	4	16	9	3	2
Influenza - Associated Death	6	5	0	0	4	4
Invasive Haemophilus Influenzae**	6	6	8	8	6	5
Legionellosis	6	5	9	7	17	14
Listeriosis	2	2	2	2	1	1
Lyme Disease	30	10	30	7	44	11
Malaria	3	3	1	1	0	0
Measles (Rubeola)**	1	0	2	0	3	0
Meningitis, other	NPR	NPR	11	11	7	7
Meningococcal Invasive Disease	1	1	0	0	1	1
Mumps**	1	0	1	0	2	0
Pertussis (Whooping Cough)**	32	17	36	15	51	34
Rocky Mountain Spotted Fever	1	0	2	0	2	0
Salmonellosis	14	12	23	21	18	18

Communicable Disease Continued	2011		2012		2013*	
	Started	Confirmed	Started	Confirmed	Started	Confirmed
Shiga-toxin producing E. coli (0157 and others)	7	1	11	8	8	4
Shigellosis	6	4	94	44	5	4
Staphylococcus Aureus (VRSA) Invasive Disease	1	0	0	0	1	0
Streptococcal disease, invasive, Group B, Newborn	0	0	2	2	2	2
Streptococcus Group A Invasive Disease	7	6	12	12	8	7
Streptococcus Group B Invasive Disease	23	21	21	20	29	27
Streptococcus Pneumoniae (Invasive Pneumococcal Disease)**	45	43	49	43	49	43
Streptococcus Pneumoniae Invasive, Drug-Resistant (DRSP)	0	0	0	0	0	0
Tetanus	0	0	1	0	0	0
Toxic-shock syndrome, Streptococcal (STSS)	0	0	3	3	2	2
Typhoid Fever	1	1	0	0	0	0
Varicella (Chickenpox)	15	3	20	5	11	3
Vibriosis (non-cholera Vibrio Species infections)	***	***	1	1	0	0
West Nile virus non-neuroinvasive Disease (aka West Nile Fever)	0	0	1	0	0	0
Yersiniosis	***	***	3	3	1	1
Total	493	208	675	281	612	230

*YTD data reflects the date ranges of 01/01/2013 – 12/31/2013 as of 02/21/2014.

** Positive laboratory reports along with known demographics are forwarded to ISDH for investigations by the staff of the Vaccine-Preventable Disease Epidemiologist.

***Prior to 2012 was included in Possible Food Borne Illness category. Beginning 2012, Possible Food Borne Illness category is no longer being used and all communicable diseases are being listed individually.

NPR – Not Previously Reported

Case Management for Elevated Blood Lead Levels			
	2011	2012	2013
New Cases Received	22	22	14
Follow-up Cases Open at Close of the Year	35	31	25
Cases Closed	29	27	21

Immunizations			
	2011	2012	2013
Td	56	18	24
Tdap	1,670	1,039	969
TD	0	0	0
Dtap	460	321	200
DTaP/HepB/IPV	69	157	225
Dtap/IPV	342	250	207
Dtap/Hib/IPV	599	312	110
IPV	302	246	191
PCV13	746	709	429
PPSV23	13	8	11
MMR	836	883	306
Varicella	1,408	1,094	491
MMRV	330	50	335
Hib	342	329	321
Pediatric Hepatitis A	1,881	1,156	1,139
Pediatric Hepatitis B	599	366	163
Adult Hepatitis A	379	244	183
Adult Hepatitis B	517	419	230
Adult Hepatitis A and B	178	212	290
Pediatric Influenza	578	321	137
Flu Mist	5,630*	5,077**	6,153***
Adult Influenza	2,113	1,298	841
Menomune	80	276	0
MCV4P	998	361	170
HPV Quadrivalent	1,072	493	713
Rotavirus Monovalent	359	220	128
Rotavirus Pentavalent	15	5	14
Yellow Fever	152	143	174
Typhoid, Oral	205	200	219
Typhoid, VICPS	175	160	151
Total Clinic Visits	9,509	8,387	10,624
Immunizations Administered	22,104	16,367	14,524

*2011 Flu Mist included 5,350 children in 37 elementary schools.

**2012 Flu Mist included 4,935 children in 37 elementary schools.

***2013 Flu Mist included 5,234 children in 37 elementary schools.

Tuberculosis			
	2011	2012	2013
TST Placed	1,947	1,673	1,676
TST Positive	59	49	48
Suspect Cases	5	5	125
Active Cases	2	3	8

STD Clinics			
	2011	2012	2013
HIV + Tests, St. Joseph County Health Department ONLY*	< 35 ^a	4	0
HIV + Tests, Other Providers in St. Joseph County*	NPR	31	20
HIV +, St. Joseph County**	NPR	528	553
Chlamydia +, St. Joseph County**	1,243	1,079	923
Gonorrhea +, St. Joseph County**	288	314	230
Syphilis +, St. Joseph County**	< 20 ^b	5	6
Clinic Visits	522	518	411
Treatments Administered	188	197	197

*New number of new cases identified during the year

**Total number of existing cases during the year

^aState data, includes aggregate of 7 age groups with less than 5 cases. State does not report total if less than 5 cases.

^bState data, includes aggregate of 4 age groups with less than 5 cases. State does not report total if less than 5 cases.

NPR – Not Previously Reported

Animal Bites						
	2011		2012		2013	
	Reported	Rabies +	Reported	Rabies +	Reported	Rabies +
Canine	280	0	347	0	321	0
Feline	70	0	93	0	92	0
Bat	28	4	36	1	17	0
Other	20	0	9	0	12	0
In County	167	0	181	0	142	0
Out of County	4	0	7	0	26	0
South Bend	139	0	180	0	155	0
Mishawaka	88	0	119	0	119	0
Total	398	4	439	1	442	0

Vital Records

The data below includes all events that occurred within St. Joseph County during 2013. Numbers included in these tables are subject to change following Indiana State Department of Health reconciliation.

Birth Data	2011	2012	2013
Gender			
Male	2,193	2,074	2,134
Female	2,125	2,048	2,060
Total Births	4,318	4,122	4,194
Race/Ethnicity			
White	3,414	3,294	3,293
African American	727	707	770
Asian Pacific	107	105	94
Native American	5	6	22
Other	65	10	15
Hispanic	559	479	496
Non-Hispanic	3,759	3,636	3,693
Unknown	0	4	4
Not Categorized	0	3	1
Birth Weight (in grams)			
< 1,000 (Extremely Low Birth Weight)	58	52	44
1,000 – 1,500 (Very Low Birth Weight)	63	47	52
1,501 – 2,500 (Low Birth Weight)	337	311	317
> 2,501	3,859	3,711	3,776
Unknown	1	1	5
Maternal Age (in years)			
< 15	3	2	1
15 – 18	249	178	206
19 – 24	1,240	1,175	1,269
25 – 29	1,249	1,273	1,202
30 – 34	1,070	1,015	1,017
35 – 39	415	381	410
≥ 40	92	98	89
Maternal Characteristics			
Inadequate Prenatal Care	539	519	422
No Prenatal Care	54	32	24
Tobacco Use	481	509	556

Birth Data continued	2011	2012	2013
Residency			
St. Joseph County Resident	3,308	3,250	3,305
Out-of-County Resident	1,010	872	889
Place of Birth			
Memorial Hospital	2,892	2,794	2,295
Saint Joseph Regional Medical Center	1,217	1,303	1,740
Not Categorized*	209	25	59
Birth Characteristics			
Twins	93	135	76
Triplets	1	0	3
Cesarean Births	1,181 (27%)	911 (22%)	1,294 (31%)
Congenital Anomalies	8	8	7
Other			
Correction of Birth Certificate	157	169	171
Adoptions Processed	284	173	149

*Births that due to State computer system glitch cannot be categorized accurately by Saint Joseph Regional Medical Center, Residence, or Other

Mortality Data	2011	2012	2013
Gender			
Male	1,294	1,305	1,335
Female	1,408	1,230	1,388
Unknown	0	1	0
Total	2,702	2,536	2,723
Race/Ethnicity			
White	2,397	2,226	2,386
African American	265	268	287
Asian Pacific	13	14	13
Native American	2	2	5
Other	2	0	3
Hispanic	23	26	29
Age at Death			
Fetal Mortality Rate	6.6 per 1,000	5.5 per 1,000	5.4 per 1,000
0 – 28 days	44	32	29
29 days – 1 year	6	7	7
Infant Mortality Rate	4.2 per 1,000	6.5 per 1,000	8.2 per 1,000
1 year – 24 years	43	46	38
25 years – 44 years	119	90	102
45 years – 64 years	517	498	523
≥ 65 years	1,973	1,863	2,024

Mortality Data continued	2011	2012	2013
Marital Status			
Married	995	910	992
Widowed	973	891	930
Single	352	345	355
Divorced	380	384	432
Unknown	2	6	14
Residence of Decedent			
South Bend	1,369	1,339	1,431
Mishawaka	512	469	523
St. Joseph County	429	367	403
Other Indiana Counties	238	232	209
Other States	153	129	157
Other – Outside of United States	1	0	0
Place of Death			
Nursing Home/Extended Care Facility	871	828	759
Residence	780	744	818
Memorial Hospital	497	483	456
Saint Joseph Regional Medical Center	400	238	345
Other	154	243	345

Causes of Death	2011	2012	2013
AIDS	3	3	2
Alzheimer's and Dementia	178	178	194
Aspiration Pneumonia	165	181	164
Cardiovascular			
Coronary Artery Disease/Arteriosclerosis Heart Disease and Vascular Heart Disease	215	226	226
Other Heart Disease	302	243	283
Congestive Heart Failure	201	157	185
Cerebral Vascular Accident	106	84	91
Chronic Obstructive Pulmonary Disease and Emphysema	100	90	98
Renal Failure	95	73	79
Cancer – Gastrointestinal			
Colon	45	34	35
Pancreatic	38	38	43
Esophageal	5	5	12
Rectal	7	7	4
Cancer – Respiratory	145	104	147
Cancer – Urogenital	77	84	81

Causes of Death continued	2011	2012	2013
Cancer - Integumentary			
Breast	31	23	41
Skin	11	22	10
Cancer – Heme and Lymph			
Leukemia	22	20	17
Lymphoma	22	22	24
Other Cancers	104	103	100
Total Cancer Deaths	507	462	514
Accidental Deaths			
Drug Related	37	26	36
Motor Vehicle	35	40	37
Other Accidents	40	30	44
Suicides (Total)	39	27	39
Drugs	4	2	5
Firearms	19	16	18
Hanging	8	4	14
Other	8	5	2
Homicides (Total)	16	19	13
Misc.	355	526	605