



Public Health
Prevent. Promote. Protect.

Sidney-Shelby County Board of Health

2010 ANNUAL REPORT

Essential Public Health Services

- ◆ Monitor health status to identify community health problems
- ◆ Diagnose and investigate health problems and health hazards in the community
- ◆ Inform, educate, and empower people about health issues
- ◆ Mobilize community partnerships to identify and solve health problems
- ◆ Develop policies and plans that support individual and community health efforts
- ◆ Enforce laws and regulations that protect health and ensure safety
- ◆ Link people to needed personal health services and assure the provision of health care when otherwise unavailable
- ◆ Assure a competent public health and personal health care workforce
- ◆ Evaluate effectiveness, accessibility, and quality of personal and population-based health services
- ◆ Research for new insights and innovative solutions to health problems

*Source: Public Health Functions
Steering Committee*



**2010 SIDNEY-SHELBY COUNTY
BOARD OF HEALTH FUNDS**

Your Local Health Department
At a Glance

FUNDS	REVENUE	EXPENSES	BALANCE
HEALTH	\$1,610,187.97	\$1,231,634.92	\$378,553.05
MHP	10,640.30	7,113.44	3,526.86
CAMPS	6,929.38	6,664.83	264.55
SOLID WASTE	12,203.43	10,975.35	1,228.08
SWIMMING POOLS/SPAS	11,139.18	10,157.40	981.78
FOOD SERVICE	76,455.39	72,872.49	3,582.90
BUILDING	138,154.07	123,931.87	14,222.20
WATER	31,269.88	29,132.29	2,137.59
PLUMBING	62,345.56	42,134.16	20,211.40
HEALTH ASSISTANCE PROGRAM	17,958.46	17,958.46	0.00
IMMUNIZATIONS	181,424.92	155,546.21	25,878.71
SEWAGE	106,473.86	94,316.83	12,157.03
PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP)	294,786.44	272,081.36	22,705.08
WELL CHILD	49,702.79	38,457.19	11,245.60
HELP ME GROW	331,658.93	249,350.74	82,308.19
WOMEN, INFANTS & CHILDREN PROGRAM (WIC)	289,440.54	205,536.37	83,904.17
TOTALS	\$3,230,771.10	\$2,567,863.91	\$662,907.19

Clerical — Vital Statistics

- Birth & Death Certificates/Burial Permits/Genealogy
- Child Fatality Review Board

Environmental Health

- Food Programs
- Camps/Manufactured Home Parks
- Plumbing Program
- Swimming Pools/Spas
- Waste Disposal
- Smoke Free Workplace
- Schools/Correctional Facilities
- Sewage Disposal Systems
- Housing/Nuisance Conditions, Rabies Control
- Private Water Systems
- Building Program
- Public Health Emergency Preparedness

Nursing

- Help Me Grow
- Well Child Clinic
- Immunizations
- Bureau for Children With Medical Handicaps
- Communicable Disease Control
- Newborn Home Visits
- School Health
- Health Promotion
- Women, Infants & Children (WIC)
- Public Health Emergency Preparedness

HEALTH DEPARTMENT STAFF

Health Commissioner

Steven J. Tostrick, MPH, RS

Clerical

Jenni St. Myers — Adm. Asst./Registrar
Jane Adams
Karen Conradi
Kim DeLoye
Kathy Hines
Mary Hormann

Environmental

Kent Topp, RS — Director
Rebecca Hart, RS
Mike McClain, RS
Rusty Schwepe, RS
Jay Stammen, RS
Ted Wuebker, RS

Medical Director

Paul W. Weber, MD

Nursing Division

Margie Eilerman, RN — Director
Lou Ann Albers, RN
Kathy Cavinder, RN
Linda Daniel, RN
Shelly Detrick, RN
Julie Geise, RN

Help Me Grow

Ashley Schindewolf — Project Dir.
Jill Boerger
Laura Booth
Amber Couchot

Teri Greve, RN
Deb Graham, RN
Lori Heins, RN
Kathy Kipp, RN
Jenny Poppe, RN
Darlene Woolley, RN

WIC

Tia Toner, SWA — Project Dir.
Stephanie Craun
Adella DeLong
Carol Dirksen, DTR
Alisa Elliott, RN
Robin Mentges
Shannon Nagel, RN

Contracted Services

Commercial & Residential Building Program — National Inspection Corp.
Epidemiological Services — Preble County Health District
Plumbing Program — Miami County Health Department
WIC Nutrition Services—Wilson Memorial Hospital



2010 Board of Health Members

Seated: Bruce Metz, Robert McDevitt Jr, MD (*President*).
 Standing: Thomas Finkenbine, Gwen Stevenson, RN, MS
 (*Vice President*), James Hemmelgarn.



**Steven J. Tostrick, MPH, RS
 Health Commissioner**

Clerical Support - Vital Statistics

Birth and death records are kept on file dating back to December 1908. Vital Statistics offices in Ohio utilize a uniform security paper for issuance of birth and death certificates. Effective December 2010, the Sidney-Shelby County Health Department gained access to the statewide birth record database maintained by the Ohio Department of Health. With the implementation of statewide access, individuals may obtain certified copies of an Ohio birth record from their local health department regardless of the county where the birth occurred. Participation by local departments is optional and may not be available at every health department. Certified birth certificates are issued for many legal purposes from obtaining social security numbers to driver's licenses. Death certificates are needed for insurance claims and to change social security benefits after death. Birth and death records can assist in genealogy research. Statistical examination for epidemiological purposes can also be done, assisting in community assessment activities.



L to R: Jenni St. Myers (*Administrative Assistant/Registrar*), Mary Hormann (*Clerical Specialist/Deputy Registrar*), Jane Adams (*Receptionist*), Kim DeLoye (*Account Clerk*), Kathy Hines (*Clerical Specialist*), Karen Conradi (*Clerical Specialist*).

Statistical Information

Births

	Number
Births Recorded	779
Hospital	777
Home	2
Males	395
Females	384
Sets of Twins	7
Youngest Mother	15
Oldest Mother	46
Parents' Marital Status	
Wed	491
Unwed	288
Birth Certificates Issued	2,352

Deaths

	Number
Deaths Recorded	292
Males	136
Females	156
Oldest	102
Youngest	4 Months
Death Certificates Issued	1,170
Burial Permits Issued	335

Causes of Death

	Number
Cardiovascular	110
Cancer - Top 3 cancer deaths Lung, Prostate, Breast	56
Respiratory/COPD	30
Pneumonia	19
Cerebrovascular	12

Causes of Death Cont'd.

	Number
Alzheimer's/Dementia	14
Sepsis	4
Renal Failure	11
Accident—Motor Vehicle	5
Accident—Other	7
(4 Drug Overdose, 1 Workplace, 1 Fall and 1 Choking)	
Malnutrition/Cachexia	2
Anemia	1
Suicide/Homicide	5/0
Acute Hemorrhage	1
Liver Disease/Cirrhosis	2
Parkinson's Disease	3
Other	6
Diabetes Mellitus	2
Pending/Investigation	2

Environmental Health

The Environmental Health division had another busy year protecting public health in Shelby County with the various environmental programs. The potential of food-borne illness was reduced by inspections made of all licensable facilities that sell food. Water supplies were protected by inspections made on household sewage and private water systems. Some of the other programs such as campground, manufactured home park, public swimming pools/spas, school, and plumbing programs also helped to ensure the well being of county residents. Many nuisance and solid waste problems were also abated. Much time was also dedicated to disaster planning and disease control activities. Public places and places of employment were investigated to ensure compliance with the Smoke Free Workplace Law. Anyone having questions for the environmental division is encouraged to call.



Pictured Standing: Rebecca Hart, RS, Ted Wuebker, RS, Kent Topp, RS (Director of Environmental Health). Seated: Mike McClain, RS, Jay Stammen, RS, Rusty Schwepe, RS.

Food Programs

All licensable facilities that sell food as meals or as groceries are licensed and inspected to help protect the public from food-borne diseases. Temporary and mobile food service operations are also inspected at many festivals and events.



	Licensed	Inspections	Consultations
Food Service/Retail Food Establishments	219	547	535
Vending Locations	102	69	17
Temporary FSO	87	90	74
Mobile FSO	5	14	76
Facility Reviews	14 reviews		



Camps and Manufactured Home Parks

All public campgrounds and manufactured home parks are licensed and inspected for sanitation and maintenance to minimize public health nuisance conditions.

	Licensed	Inspections	Consultations
Manufactured Home Parks	12	31	47
RV Parks, Camps & Temporary Camps	13	19	38

Plumbing Program

Responsible for registering plumbing contractors, issuing permits, inspecting new and altered plumbing systems, educating plumbers on state code requirements.

	Number
Plumbing Contractors Registered	81
Residential/Commercial Permits Issued	579

Swimming Pools and Spas

Public swimming pools and spas are licensed and inspected to ensure these facilities are properly set up and maintained. Proper water chemistry and safety equipment must be available. The Ohio swimming pool rules are currently under rule revision. All licensed pool/spa operators will be notified of the changes that affect them.



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	Licensed	Inspections	Consultation
Public Swimming Pools and Spas	23	66	37



Waste Disposal

The transportation, storage and disposal of all garbage, refuse, septage, and infectious waste are monitored to prevent nuisance conditions. Special solid waste clean-up projects are conducted to assist townships and villages. Almost 40 tons of solid waste was collected and properly disposed of as

part of four clean-up sites organized by the Health Department in collaboration with township officials from Dinsmore, Orange, Perry and Turtle Creek townships. Scrap tire storage is reduced and monitored throughout the county. A scrap tire disposal day was also held in partnership with the Shelby County Recycling Center. Shelby county residents were allowed to bring up to 9 tires per load to the pick-up location at no charge.

	Registered	Inspections	Consultations
Septage Haulers	7	29	38
Solid & Infectious Waste Facilities	17	9	30
Solid Waste Haulers	7 companies 40 trucks	26	39

Smoke Free Workplace

Chapter 3794 of the Ohio Revised Code (ORC) prohibits all forms of tobacco smoke in all public places and places of employment and in areas immediately adjacent to the ingress or egress of the public place or place of employment. Smoking complaints are investigated to ensure compliance with the Smoke Free Workplace Law.



	Number	Investigations	Consultations
Smoking Complaints	10	11	34
Warnings Issued	4		
Fines	2		
Dismissed Investigations	4		
Hours Spent In Program	149		

Schools/Correctional Facilities



Schools and correctional facilities are inspected to ensure they are meeting minimum health and safety standards to help promote good housekeeping, accident prevention and maintenance of properties.

	Facilities	Inspections	Consultations
Schools/Correctional Facilities	25	48	37

Sewage Treatment Systems

All land surveys of lots less than five acres in size and surveys that reduce acreage from a lot with an existing sewage system are reviewed to ensure they meet minimum standards of residential lots. New and existing household sewage disposal systems are inspected to ensure the systems conform to existing installation and operational standards. Septage hauler trucks are inspected and septage disposal is monitored to prevent nuisance conditions and disease. A new sewage law for the State of Ohio in September of 2010 became effective. A new set of statewide sewage rules will be adopted by Public Health Council no earlier than January 1, 2012.



	Number/Permit	Inspections	Consultations
Subdivision Survey/Lots	18	15	148
Household Sewage Disposal	21	115	1,019
Aeration Systems	1,221	855	305
Aeration Service Contractors Registered	4		
Sewage System Installers Registered	21		

Housing/Nuisance Conditions, Rabies Control

Dwellings with suspected problems are inspected for sanitation, fire and safety hazards. Homes must be brought to minimum standards for health and safety reasons. The Health Department is responsive to any nuisance complaint or request to investigate an environmental condition that may threaten public health. This can include insect and/or rodent control. All animal bite incidents are investigated to ensure the control of rabies.



	Number	Inspections	Consultations
Nuisance/Housing Complaints	169	153	502
Animal Bites Reported			
Dogs	73		
Cats	8		
Other	1		
Animals Tested for Rabies	5		
Animals Testing Positive	0		



Private Water Systems



Permits are issued to drill or alter water wells throughout the county. These wells are inspected and water samples are taken to ensure a safe drinking water supply. Abandoned wells are sealed to protect ground water supply.

	Number	Inspections	Consultations
New Well Permits	45	69	475
Alteration Permits	8	5	33
Water Samples Tested	154		

Building Program

The County Commissioners adopted a building code that authorizes the Shelby County Board of Health to administer on a day-to-day basis.



	Number	Inspections
Total Registered Contractors	219	
General Contractors	84	
Other Contractors	135	
Residential Permits	265	1130
Commercial Permits	54	211

Public Health Nursing

Public health nurses provide services throughout Shelby County to appraise, protect and promote the health and well being of our residents. This is accomplished through direct patient care services, population-based services, education, and health promotion activities.



Health Dept. RNs — Pictured standing: Kathy Kipp, Shannon Nagel, Jenny Poppe, Lou Ann Albers, Teri Greve, Kathy Cavinder, Deb Graham, Alisa Elliott. Seated: Julie Geise, Lori Heins, Margie Eilerman (*Director of Nursing*), Shelly Detrick, Darlene Woolley. Not Pictured: Linda Daniel.

Help Me Grow (HMG)

The Sidney-Shelby County Health Department offers the Help Me Grow Program which focuses on the growth and development of children ages birth to 3 years. Help Me Grow serves expectant parents, infants and toddlers, by providing on-going home visiting services. The goal of the Help Me Grow Program is to provide health and developmental services so children start school healthy and ready to learn.



Pictured standing: Amber Couchot (*Service Coordinator*), Laura Booth (*Service Coordinator*). Seated: Jill Boerger (*Service Coordinator*), Ashley Schindewolf (*Project Director*), Tia Toner (*Service Coordinator*).

	Number
Referrals for On-going Services	340
Children Receiving Services	300
PHN Consultation Services HMG/BCMh	41 Children

Well Child Clinic

Assessments and screenings are performed on clients birth to age 21, with an emphasis on health promotion and preventative health practices. The clinic is based on a sliding fee scale for services.



Paul W. Weber, MD
Medical Director

	Number
Clients	123
Total Visits	140
Acute Care Visits	11
Medicaid	89.1
Uninsured/No Insurance	10.9%
Lead Screening Test	38

Immunizations

The Sidney-Shelby County Health Department immunization program provides services to physicians, staff and clients to prevent and protect the public against vaccine preventable diseases.



The Immunization Coordinator provided MOBI (Maximizing Office Based Immunization) education to 11 physicians and their office staff. The AFIX Immunization Program (Assessment, Feedback, Incentives and Exchange) Immunization Program was completed for 7 providers including the SSCHD. The percent of 2 year old children, in Shelby County, who have completed the vaccination series on schedule is 73% (an increase of 2.5%). SSCHD immunization rate for 2 year olds is 77%.

International Travel consultation and vaccinations are available by appointment.

Immunization clinics are available every Monday and the 2nd and 4th Tuesday of the month. Clinics are on a walk-in basis. Appointments will be scheduled as needed.

Immunizations Given:	Number
Childhood Immunizations	1,699
Flu Shots	1,158
Adult Immunizations	508
International Travel/Adult	158
Vaccine/Antigens given	8,025

Bureau for Children With Medical Handicaps (BCMh)

Coordinates and manages diagnostic and treatment services for children with suspected or identified special health care needs.



	Number
BCMh Home/Office Visits	347
Help Me Grow/BCMh Clients	41
Total Children on BCMh	337
BCMh PHN reimbursement	\$93,350

Communicable Disease Control

The Sidney-Shelby County Health Department is responsible for the investigation and follow up of Shelby County’s reportable infectious diseases. A team that consists of two Registered Nurses, one Registered Sanitarian, one Clerk and an Epidemiologist is available to complete these tasks.



The SSCHD newsletter “It Takes a Community” was provided biannually in 2010 to Shelby County healthcare providers and their staff. The newsletter provides information on vaccines, vaccine preventable diseases, reportable diseases with reporting resources, public health programs and the program staff. A folder was provided to all Shelby County Healthcare Providers in 2010 with information on disease reporting responsibility. Cooperation in disease reporting is invaluable to public health. The Sidney Shelby County Health Department continues to be available 24/7 for reporting Class A diseases or public health emergencies.

Sidney Shelby County Health Department is in the process of establishing a STD task force to assess the increase in STD rates/cases in our county (63% increase from 2009 in Chlamydia cases).

	Number
Communicable Diseases Reported & Investigated	331
Mantoux TB Tests Administered & Read	
One Step	186
Two Step	101
Total Mantoux TB Test	287

Top 5 Reportable Communicable Diseases in 2010 in Shelby County

Chlamydia	151	A sexually transmitted disease (STD)
Gonorrhea	48	A STD (often occurs along with Chlamydia)
Strep Pneumo	35	Bacterial infection which can occur anywhere in the body.
Hepatitis C	34	This virus infects the liver and becomes an chronic illness
Campylobacter	11	A bacterial infection of the G.I. tract

Newborn Home Visit Program

This program is designed to provide assessment, support and education to the parents of the newborn. The visit is made by the Public Health Nurse trained in newborn issues and topics (SIDS, growth & development, breast-feeding, etc.). The visit is free and voluntary.



	Number
Home Visits	46
Referrals (WIC, HMG, Immunizations, BCMH)	57

School Health

The Schools of Shelby County (City, Parochial, & County) contract with the Sidney-Shelby County Health Department for Public Health Nurses to provide school health nursing services. Services include: communicable disease checks and follow up, vision screening and referral, multi-factored evaluation screenings, involvement on school wellness teams, student and staff health fairs, health education classes (dental care, handwashing, hygiene, puberty, growth and development, abstinence) and in-service trainings for staff.



Daily Clinics are provided at Anna, Ft. Loramie, and Hardin-Houston schools, daily visits to students in the multi-handicap units (g-tube feedings, medications, suctioning, catheterizations) and services to diabetic and asthmatic students.

Mandatory Immunization State reports were completed for 645 kindergarten students, 518 new students, and 646 seventh grade students.

The Sidney Shelby County Health Department, Compassionate Care, the Schools, and the Shelby County Dental Association collaborated to make 2010 Give Kids A Smile Day a success. 48 students were seen (uninsured) with 2 unable to attend. All 46 seen were followed by dentists for 6 months.

	Screened	Referred
Kindergarten Assessments	746	
Vision Screening	4,118	297
Puberty/Growth and Development Talk	616	
Give Kids A Smile Day	51	

Health Promotion

Ohio Baby Buckles Program is administered by the Sidney-Shelby County Health Department which provides a car seat after viewing car seat education. The car seat technicians checked 37 seats with 92% incorrectly installed. Funds received from United Way purchased 54 infant care seats for distribution in 2010. Car seat checks are by appointment.



	Number
Car Seats Distributed With Parents Instructed	153
Car Seat Inspections	37

Helmets in all sizes are available at the Sidney-Shelby County Health Department for a nominal fee. The nursing staff provides community based health promotion activities at health fairs providing Dermascan, cholesterol, glucose, and blood pressure screenings.

Education to the public includes Parent/Child Sexuality Education, Daycare Communicable Disease Course, topics of H1N1, washing hands and cover your cough, and Nutrition.

	Number
Total Health Fairs	7



Pictured standing: Shannon Nagel, RN (*Breastfeeding Consultant*), Alisa Elliot, RN, Stephanie Craun (*Breastfeeding Peer*), Carol Dircksen (*Registered Dietetic Technician*). Seated: Adella DeLong (*Breastfeeding Peer*), Tia Toner, SWA (*Project Director*), Robin Mentges (*Clerical Specialist*).

Women, Infants & Children (WIC)

The Sidney-Shelby County Health Department received the WIC (Women, Infants and Children) Grant and moved the program to the Health Department in October 2006. WIC is a supplemental nutrition education program. WIC provides nutritious foods which promote good health for pregnant women, women who just had a baby, breastfeeding moms, infants, and children up to age five.

WIC provides nutrition education and support, breastfeeding and support, referral for health care, immunizations screening and referral, and supplemental foods. Wilson Memorial Hospital also provides nutritional counseling to high risk clients in the WIC Clinic.

In 2010, the Sidney Shelby County Health Department WIC Program adopted the Peer Program. Peer helpers (past WIC moms) provide basic breastfeeding information and support for WIC mothers. With the Peer Program, the WIC program will see dramatic impact in breastfeeding duration and initiation, giving babies a healthy start in life.



2010 Participants

Number
1,268

Public Health Emergency Preparedness

2010 was the 9th year the Sidney-Shelby County Health Department (SSCHD) received funding through the Ohio Department of Health from the U.S. Department of Health and Human Services for Public Health Emergency Preparedness (PHEP).

In 2010, planning, training and exercises for all hazards continued to be emphasized. Additional funding was provided as an addendum to the PHEP grant for pandemic planning, training and response. This was identified as Public Health Emergency Response (PHER) funding. These funds were essential in our planning and response during the 2010 period of H1N1 pandemic of 2009-2010. With lessons learned during the H1N1 response we have identified areas for improvement. These improvements will be added to our public health emergency response plans.



The Sidney-Shelby County Health Department focused on completing appropriate vaccination against the H1N1 pandemic virus in early 2010. This was accomplished by offering school based flu vaccine clinics and additional vaccine clinics at the SSCHD. In addition to this planning, PHER funding was essential in providing the resources needed to purchase supplies and equipment needs identified during our actual public health emergency response.

The Shelby County Medical Reserve Corps volunteers and additional qualified, "just in time" trained volunteers were invaluable at all clinics! An appreciation banquet was held for these volunteers in April of 2010 to show our appreciation.

Pandemic Preparedness began in 2006 and what we have planned, exercised and trained for over the last five years was invaluable in our response to an actual Pandemic. The Sidney-Shelby County Health Department will continue to remain vigilant through education, planning, training, exercising and responding to future public health threats if they arise.



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