



INVESTMENT IN HEALTH

Boone County Health Department Fiscal Year 2017 Annual Report

The Board of Health is charged with providing the broadest possible health programs in Boone County with the resources available. Funding is secured from local property taxes, state grants and user fees. Funds are expended for goods and services necessary to carry out our mission to serve our community by preventing the spread of disease, promoting optimal wellness & protecting the public's health.

Expenditures

Salaries*	\$727,783	63.2%
Benefits	\$249,487	21.7%
Operating Expenses	\$168,097	14.6%
Equipment	\$6,752	0.6%
Total Expenses	\$1,152,120	100.0%

*Includes \$32,400 subsidy to BCSWCD

Revenue

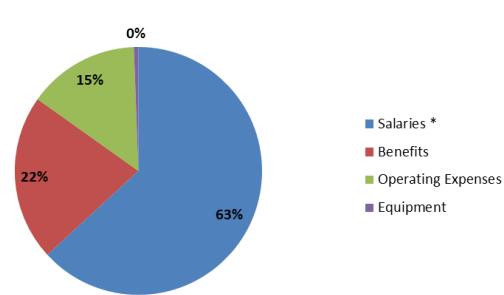
Local Taxes	\$235,470	24.3%
Permits, Licenses & Other Env. Services	\$179,623	18.5%
Health Protection Grant	\$63,201	6.5%
Clinic Fees	\$72,073	7.4%
Interest on Investments	\$1,335	0.1%
Program Grants*	\$400,181	41.3%
Federal Funds for Service (in interest acct.)	\$18,070	1.9%
Total Revenue	\$969,953	100.0%

*Totals do not include outstanding budgeted grant revenue at 9% (\$40,227)

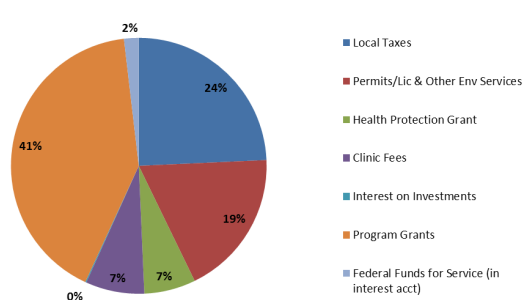
Balance

Health Fund	\$160,667	59.7%
Grant Fund	\$108,355	40.3%
Ending Balances 11/30/17	\$269,022	

2017 Expenditures



2017 Revenues



BOONE COUNTY HEALTH DEPARTMENT



Board of Health Members	Term Expires
Jim Cox, President	7/1/2018
Liz Fiorenza, Vice President	7/1/2018
Barbara Thrun, Treasurer and Secretary	7/1/2018
Vacant Position	7/1/2018
Dr. Dennis Corcoran, MD	7/1/2019
Dr. Dan Lendman, DVM	7/1/2020
Marshall Newhouse	7/1/2020
Dr. James Phoenix, MD	7/1/2020
Dr. Pacita Pumilia, DDS	7/1/2019
Meredith Williams	7/1/2019

Sherry Branson, County Board Appointee

Former 2017 Board of Health Members

Dr. Bernard O' Malley, MD, Jeff Marrs

Boone County Health Department FOIA Officers

Amanda Mehl Kari Kampen

FOIA request forms are available at www.boonehealth.org

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<https://www.facebook.com/BooneCountyHealth>

<https://twitter.com/BooneCoHealth>

**The mission of the
Boone County Health Department
is to serve our community by
preventing the spread of disease,
promoting optimal wellness
& protecting the public's health.**

The vision of the Boone County Health Department will guide & inspire the community to enjoy a high quality of life by:

- Redefining the role of public health delivery
- Creating a culture of health
- Advancing health equity
- Building strong community engagement & collaboration
- Attaining national Public Health Accreditation

ADMINISTRATOR'S STATEMENT



Boone County Health Department Fiscal Year 2017 Annual Report



Our department has had many firsts this year including beginning the process of its first ever Strategic Plan. We are working toward a clearer vision for the future and living by a new set of values to guide our daily interactions with the public.

At BCHD, teamwork is our framework. The vision for the future of Boone County Health Department (BCHD) involves redefining our organization to align with the opportunities and obstacles in our region today. In this vision, BCHD engages the community in a concept of health beyond not being sick. Our scope includes promoting health and wellness through professional development forums and community conversations as well as providing leadership as a trusted health resource. The vision also calls for a continuing growth of

our partnership efforts to include consulting with stakeholders and becoming navigators, networkers, connectors, and most crucially, partners.

This value placed on partnership and our reputation as a partner is vital to the future of public health. Through these partnerships with school districts, policy makers, public officials, healthcare providers, first responders, academic institutions, social services agencies, and other organizations, we are able to provide services for our community as well as identify and address gaps in these services. We regularly invite students in public health and related medical fields to intern and volunteer with us, encouraging their ideas and projects. Evolving as a teaching health department has allowed students to gain a greater appreciation for the challenges of public health and an increased understanding of what wellness truly encompasses. Through this transformative concept, we expand our workforce and our resources while we guide the leaders of tomorrow.

In addition to the promotion of health and wellness and the emphasis on our many valued partnerships, our focus on staff development, leadership capital, shared resources, political engagement and advocacy provide us with innovative tools to combat the invisibility that plagues many health departments, especially smaller ones. While many in health departments are siloed, we have created a culture of shared information, shared solutions, shared creativity, shared resources, and shared passion. Budgeting has changed, staffing has been reorganized and our office and clinic space remodeled. The BCHD team are all willing to work hard to promote and protect the health of this wonderful community where we all live, learn, work and play. The way we have streamlined our services and concentrated efforts to cross-train our staff can be a model for other health departments around the country struggling to find a new way of doing business. At BCHD, our reputation for zero tolerance for discrimination and disrespect, and the training we offer our workforce, further aligns with the vision and goals of our newly developed departmental Strategic Plan.

In November we were honored by a visit from the Assistant Director of the Illinois Department of Public Health, Donald G. Kauerauf, who has spent thirty years in public service at the state level. He learned of our department's inspiring mission and vision which involve collaboration, innovation and reinvention of public health. He had heard about our efforts to communicate the value of public health and our desire to develop today's students into tomorrow's health leaders. He spent a day in Boone County, attending board meetings, planning sessions with community stakeholders, and shadowing field inspections and clinic visits. He later shared with me how truly impressed he was with the culture our department embodies through the richness of our interactions by stating, "Accountants and auditors can and often do measure a county's health through the issuance of a balanced budget or creation of a large cash reserve. However, the health of a county is really the factor of the physical, mental, and emotional health of public health of its residents. Based on the passion of you and your staff to ensure the public's health, I truly believe the 'little county' as you call it may be one of the richest in the state"

Reflecting back on all 2017 has brought to our department and this community, there are many stories to tell. I would summarize the last year with one word: POTENTIAL. When I look around at our staff, the various departments and boards that comprise Boone County Government and the neighborhoods that make up Boone County, I see the potential for the growth of a model local governmental system procuring services to a community achieving optimal health, safety, and livability.

Amanda Mehl, Public Health Administrator

PERSONAL HEALTH SERVICES DIVISION

Boone County Health Department Fiscal Year 2017 Annual Report

Boone County Health Department's (BCHD) Personal Health Services Division employs two clerical staff, four nurses, one case manager, and a Breastfeeding Peer Counselor. With the expertise of current staff as well as support from our CDC PHAP Associate, our department continues with the goal of meeting the needs of our community. Below is a brief summary of the division's accomplishments: WIC is a supplemental food program for Women, Infants and Children whose goal is improving pregnancy outcomes and early childhood development through nutrition interventions. All children turning one and two years of age in these programs are eligible for blood lead testing as well as nursing follow-up for children with elevated blood lead levels. BCHD's WIC Program again successfully offered the USDA Summer Feeding Program, serving lunch to approximately 300 children in the county ages 2-18. This program helps the Boone County Hunger Coalition as it addresses food insecurity and promotes better nutrition among Boone County residents.

BCHD continues our partnership with SwedishAmerican Hospital allowing our WIC staff to visit Boone County moms on the Mother Baby Unit after giving birth and to help them to achieve their breastfeeding goals while transitioning from hospital to home. In 2017, BCHD WIC Clinic staff had the privilege of visiting more than 50 moms and their newborns. Additionally, our breastfeeding room was completed this summer and several moms have taken advantage of the private, soothing atmosphere it provides.

Average Monthly Caseload	827
Food Packages Distributed	4280
Individual Education Interventions	671
Group Education Interventions	1163
Blood Lead Tests	310

The Family Case Management (FCM) program serves pregnant women, infants up to one year of age, and, through HealthWorks, Department of Children & Family Services (DCFS) wards. Our Case Managers provide referrals to community resources and screenings for maternal health and infant development.

FCM Average Monthly Caseload	300
Home Visits	76
Office Visits	3089
HealthWorks Average Monthly Caseload	24
HealthWorks Encounters	42
Pregnancy Tests	26

BCHD offers a high risk infant program APORS (Adverse Pregnancy Outcome Reporting System). Infants referred to this program are provided with home visits on a periodic basis. A physical and developmental assessment is completed and referrals are made to other providers.

Average Monthly Caseload	20
Referrals	18
Encounters/Assessments	60

BCHD offers immunizations and other specific clinic services to children and adults. The Vaccines for Children (VFC) Program subsidizes the cost of many of the Childhood Immunizations offered to Medi-

caid eligible, uninsured, and underinsured children. Walk-in appointments occur on Wednesdays and by appointment during the week. Seasonal clinics include School Physicals and Flu Clinics. BCHD continues its partnership with OSF School of Nursing to provide more opportunities for school physicals here on site.

Vaccines for Children	577
Vaccines for Adults	605
School Physicals	30

Besides WIC/FCM visits, screenings, and immunizations, BCHD provides some additional testing and screenings both in house and out in the community. BCHD offers vision and hearing screenings to children ages three and up who attend private / parochial schools, and to those in licensed day care facilities and preschools. Children who do not pass the screenings are referred to a physician or optometrist for further evaluation. BCHD also coordinates DNA testing as requested by various laboratory centers for paternity testing.

Hearing & Vision Screenings	271
DNA	32

BCHD is responsible for the identification of potential communicable diseases and the control of the spread of communicable disease within the community. Through the Communicable Disease and Tuberculosis programs, BCHD coordinates the investigation of communicable disease outbreaks, determines the scope of the resulting health threat, and initiates appropriate action. In March we were awarded a grant for Zika Training for Spanish-speaking Community Health Workers and Education of at-risk women. Boone staff successfully screened clients, conducted community presentations and offered Train the Trainer workshops for the healthcare workforce. In our clinic, staff counseled over 50 women of childbearing age regarding the risks and dangers of Zika virus during pregnancy.

Communicable Diseases Investigated	247
Outbreak Investigation	6
Tuberculosis Skin Tests	68
T-Spot Testing	9

BCHD's Sexually Transmitted Infections (STI) clinic provides fast, confidential, and affordable testing every Thursday from 9am to 6pm and also by appointment during the week.

Gonorrhea/Chlamydia Tests	85
Hepatitis C Tests	11
HIV Tests	32
Syphilis Tests	32

For the 2nd year, BCHD has had a summer garden. Residents of the neighboring assisted living facility, Shadley Apartments, were very helpful in the planting and maintaining of this garden. After a very successful season we received funding for two more beds. BCHD hosted the 3rd Annual Boone County Farmers' Market and Wellness Fair. Staff printed 1140 WIC coupons for 110 participants, issued 210 farmers' market coupon packs, and served 120 meals to children ages 2-18. The local farmers in attendance sold \$1800 in produce. 44 vendors registered to participate in the health fair. The Blood Mobile collected 21 pints of blood potentially saving up to 63 lives.

ENVIRONMENTAL HEALTH DIVISION

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The goal of the Boone County Health Department's (BCHD) Environmental Health Division is to safeguard the public health by preventing the occurrence of environmentally influenced infectious diseases. Although enforcement of state and local environmental health codes is the primary tool used to meet this goal, implementation of environmentally sound practices and education are equally important. Permits are issued and inspections are performed for compliance with the State Food Sanitation, Private Sewage Disposal and Private Water Well codes. In addition, public requests for service are investigated and enforcement action taken if violations of county or state health codes are identified. Consultations with the public concerning these and other codes as well as general public health topics are ongoing.

Foodborne illness (FBI) continues to be a major public health issue nationwide. Staff works to reduce the FBI incidences in Boone County through the ongoing efforts of staff to correct/enforce, and promote sanitary awareness during food handling. Food education workshops were offered by BCHD to all Boone County food establishments. These well attended workshops helped inform Boone County food service workers on safe food practices and highlighted the new codes and regulations. Food safety presentations were also given to several local high school foods classes by BCHD staff.

The Environmental Division issued food permits, inspected and enforced Sanitation codes and investigated complaints. In 2017, the Boone County Board passed an ordinance that now aligns our county code with the current FDA Food Code, as required by the Illinois Department of Public Health.

Food Education Events	9
Food Permits	518
Food Facility Inspections / Investigations	642
Food Consultations	1627

Those Boone County residences (approx. 50%) not served by public utilities, rely upon private sewage disposal systems and private water wells. BCHD issued system construction / repair permits, inspected and enforced state and county codes and investigated complaints for both private sewage and water well systems.

Private Sewage Disposal Permits	50
Private Sewage Disposal Inspections / Investigations	39
Private Sewage Consultations	2461
Private Water Well permits	55
Private Water Well Inspections / Investigations	34
Private Water Well Consultations	1864

BCHD is also contracted by property owners to perform well / septic evaluations to fulfill lending institution mortgage loan requirements.

Well and / or Septic Evaluations	256
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The public often requests service from BCHD to investigate other complaints that may be violations of the Boone County Health Codes. These complaints can range from trash and rubbish piles to vacant homes, rodents, etc. Thirty-four health code complaint investigations were conducted in 2017.

In addition, mosquito traps were placed and monitored to verify the presence and location of West Nile Virus bearing mosquito pools in the County. This year a total of 46 mosquito pools were tested.

BCHD is responsible for permitting demolitions of structures in unincorporated areas of the County to ensure proper disposal of waste, filling of excavation cavities, and proper abandonment of water wells and septic tanks. In 2017, 15 demolition sites were inspected and approved for final compliance.

Through the Illinois Tobacco Free Communities Grant BCHD conducted many programs including 14 classroom presentations to over 350 freshman health class students at Belvidere North High School. Public Health is also charged with the enforcement of the Smoke-Free Illinois Act (SFIA).

A major goal of the Emergency Preparedness program is to manage disaster risk by reducing exposure to hazards, reducing vulnerability, and increasing the resilience of the community. Efforts to manage disaster risk include developing the BCHD's capacity to respond and recover from an incident, collaborating with community partners to reduce vulnerability and promote resilience, and educating citizens and organizations on local hazards and how to prepare for them.

A secondary role is to address any public health issues which may follow a disaster event or an emerging infectious disease, such as Zika. This past year Illinois Department of Public Health reported six cases of Seoul virus linked to ratteries (ratteries are facilities where rats are bred). Seoul virus is transmitted to people from direct contact with rat urine or feces, contaminated materials like bedding, and possibly by aerosolized feces, urine, or saliva. Although none of the cases were linked to Boone County, we did investigate ratteries in our county and provided them with educational information about safe handling and cleaning practices. We also were able to fit test the staff at Animal Services for N-95 masks as a pre-cautionary safety measure in the event that new cases were discovered in Boone County and they needed to respond.

Childhood lead poisoning results in serious health problems and continues to be a public health concern. Exposure occurs primarily through paint hazards in homes built before 1978. BCHD continues to receive the IDPH Delegate Lead Grant. This year our two lead risk assessors were involved in three investigations to determine the source of lead exposure for children with elevated blood lead levels. BCHD also partners with the Winnebago County Health Department in a federal Housing and Urban Development grant which promotes efforts to eliminate dangerous lead hazards from lower income homes, stimulate private sector investment in lead hazard control and educate the public about the dangers of lead-based paint. The HUD grant seeks to remediate lead based paint hazards in homes with at-risk children prior to an elevated blood lead level being detected. Both homeowners and rental property owners may qualify for remediation funding from HUD.