



Fiscal Year 2019

# Annual Report

**SCOTT COUNTY HEALTH DEPARTMENT**

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## Note from the Director

I am pleased to present the **2019 Scott County Health Department Annual Report**.

The report highlights the great work that is happening in Scott County through direct services, and in partnership with agencies in the community.

FY 2019 was a landmark year for the Scott County Health Department (SCHD).

In November, 2018, after years of preparation, assessment, and documentation gathering, we earned **accreditation** from the Public Health Accreditation Board.

SCHD was the third local department in the state of Iowa to earn accreditation, and one of 209 local health departments in the nation at the time of the award. Public health accreditation is a voluntary process undertaken by health departments to measure their performance against a set of nationally recognized standards. The national accreditation program is administered by the Public Health Accreditation Board (PHAB) and is jointly supported by the Centers for Disease Control and Prevention and the Robert Wood Johnson Foundation. The goal of public health accreditation is to improve and protect the health of the public by advancing the quality and performance of the nation's state, local, Tribal, and territorial public health departments. The seal of public health accreditation informs the community that SCHD performs at a high level and is able to effectively meet the public health needs of those served. This demonstrates SCHD's increased accountability and credibility to everyone — the public, funders, elected officials, and partner organizations. According to PHAB, residents of a community served by a nationally accredited health department can be assured that their health department has demonstrated the capacity to protect and promote the health of that community.

The year, 2019, marks **50 years** of protecting the community's health by SCHD. The Scott County Board of Health was formed and convened for the first time in January of 1968. This was a result of the Local Health Act of 1967, whereby cities with a population of 25,000 or more had the option to join a county organization, continue locally, or disband. The City of Davenport's Health Officer, Dr. John H. Sunderbruch, was the first member of the newly formed Board of Health. Kenneth J Goldsberry was hired as Director of the new SCHD.

SCHD has seen many public health threats since programs were established in 1969. Measles, pertussis, AIDS, West Nile virus, tuberculosis, anthrax, and Ebola virus, have been the subject of response, treatment, or planning since its inaugural year. As our community has grown, so has SCHD.

	<b>1969</b>	<b>2019</b>
<i>Population:</i>	25,000	170,000
<i>Programs:</i>	8	25+
<i>Budget:</i>	\$108,000	\$6,196,192
<i>Income:</i>	\$12,147	\$2,003,720
<i>Staff:</i>	12	50+



In April, 2019, SCHED hosted an event to celebrate 50 years of service to the community and the achievement that accreditation by PHAB signified. The event was attended by community partners; state and federal officials; current and former staff, and Kaye Bender, President, and CEO of the Public Health Accreditation Board.

I encourage you to visit SCHED website at [www.scottcountyiowa.com/health](http://www.scottcountyiowa.com/health) to learn more about SCHED and the services we provide.

On behalf of the Scott County Health Department, I would like to thank you for your support.



Edward Rivers, Director of  
Scott County Health Department



**YOUR HEALTH.**  
*Our priority.*

# Scott County Board of Health



*(from left to right) Scott Sandeman, DVM; Ann O'Donnell, DO (Vice-Chair); Denise Coiner, MS, RTR (Chairman); Kathleen Hanson, MSN, PhD (Secretary); and Larry Squire, DDS*

The Scott County Board of Health (BOH) consists of five members of the community who are appointed by the Board of Supervisors. The BOH is responsible for safeguarding the community's health and has jurisdiction over public health matters in Scott County. The Scott County Health Department (SCHD) is responsible to the Scott County BOH to carry out this important work.

## **Mission**

The Scott County Health Department promotes, protects, and preserves health through leadership, services, education, and partnerships.

## **Vision**

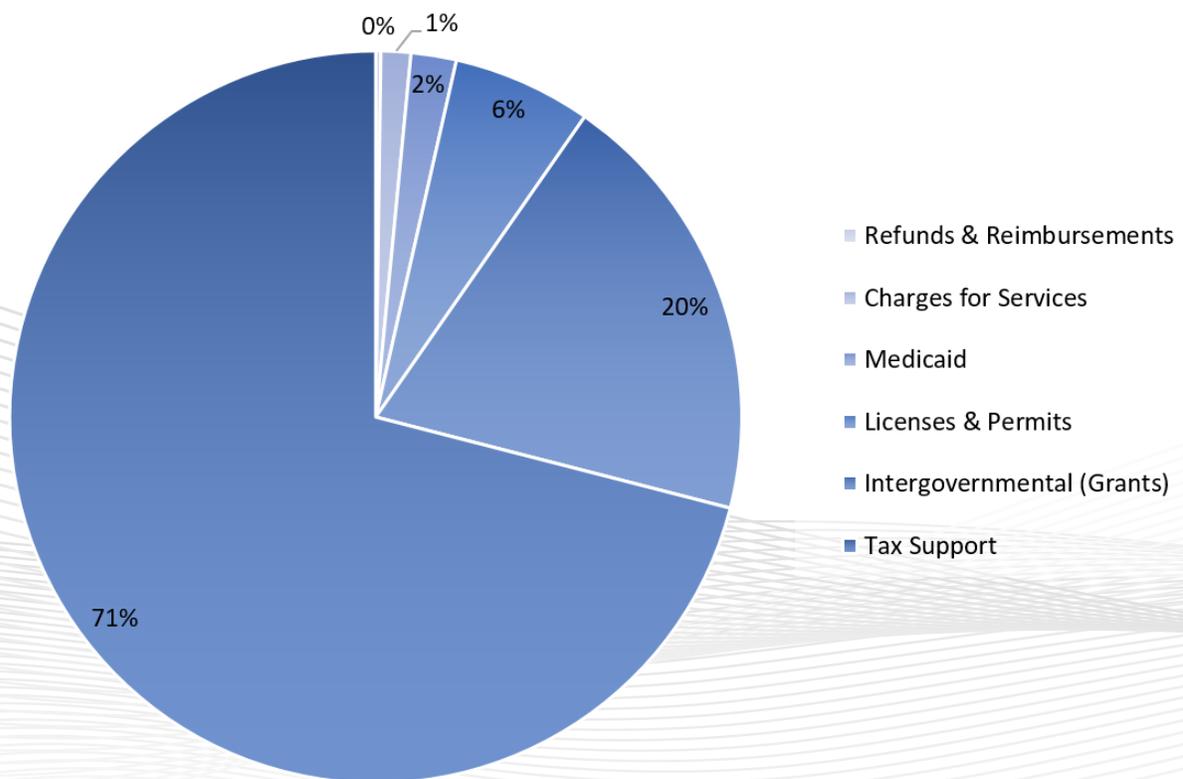
Scott County—A safe and healthy community.

# Scott County Health Department Fiscal Year 2019 Budget

## Funding

Category	Amount
Refunds & Reimbursements	\$13,895
Charges for Services	\$83,193
Medicaid	\$126,171
Licenses & Permits	\$386,515
Intergovernmental (Grants)	\$1,218,016
Tax Support	\$4,474,451

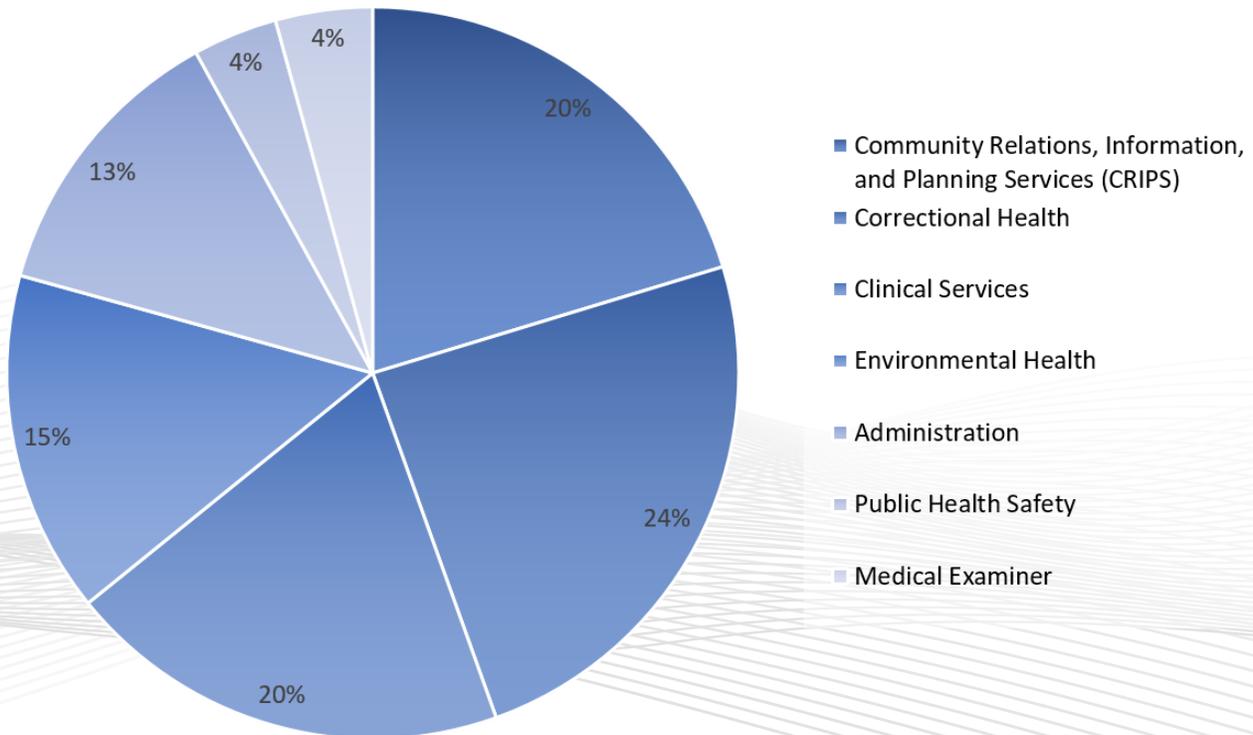
### Funding Amounts



## Expenditures

Category	Amount
Community Relations, Information, and Planning Services (CRIPS)	\$1,280,080
Correctional Health	\$1,525,823
Clinical Services	\$1,239,080
Environmental Health	\$952,538
Administration	\$799,065
Public Health Safety	\$235,689
Medical Examiner	\$269,968

## Expenditure Amounts



## Leads

### PHAB Accreditation

This fiscal year, SCHD was proud to join health departments in the state of Iowa as well as nationally by achieving national accreditation through the Public Health Accreditation Board in November 2018. Public health accreditation is a voluntary process undertaken by health departments to measure their performance against a set of nationally recognized standards. The goal of public health accreditation is to improve and protect the health of the public by advancing the quality and performance of public health departments.

To achieve accreditation, SCHD underwent a months-long, online and in person peer-reviewed assessment process to ensure that SCHD meets or exceeds a set of quality standards and measures established by PHAB. The standards measure the ability of a health department to deliver the ten essential services of public health as well as financial, personnel administration, governance responsibilities.

The seal of public health accreditation tells SCHD community that SCHD performs at a high level and is able to effectively meet the public health needs of those served. This demonstrates SCHD's increased accountability and credibility to everyone — the public, funders, elected officials, and partner organizations. As a result, Scott County residents can be assured that SCHD has demonstrated the capacity to protect and promote the health of that community.

### 50 Year Celebration

2019 marks a very special year for the SCHD - its 50th anniversary! SCHD was proud to celebrate 50 years of promoting, protecting, and preserving health in Scott County this past April. In its first year in 1969, serving a Scott County population of

approximately 25,000, SCHD utilized its \$108,000 budget to

support twelve staff in providing environmental control, communicable disease control, venereal disease clinic, food service supervision, nursing home inspections, and parochial school nursing services. SCHD's staff, services, and budget have grown significantly over the years to include more than 50 staff members, a budget of \$6,000,000, and a wide-variety of services, many of which are described in this report. As a leader in promoting public health, SCHD has ensured provision of the ten essential public health services across Scott County from 1969 to the current day.



SCHD Board of Health members, administration, community partners, and staff, past and present, celebrated this occasion at an anniversary and accreditation celebration. The event featured Health Director, Ed Rivers; Tony Knobbe, Chairman of the Scott County Board of Supervisors; Larry Barker, Former SCHD Director; Kaye Bender, Public Health Accreditation Board President/CEO; and Denise Coiner, Scott County Board of Health Chair. The speakers described many highlights of SCHD's 50 years, the challenges public health has faced, as well as the innovative strategies that have been implemented to ensure SCHD continues to improve and respond to what's next.

50th Anniversary and PHAB Accreditation Celebration



*I-Smile™ dental hygienist screens an infant's mouth at the Edgerton - WIC clinic.*



## Connects

### **I-Smile™ Silver Care Coordination**

In fiscal year 2019, I-Smile™ Silver expanded from the senior population to all adults age 19 and up. In this year, I-Smile™ Silver helped coordinate care for 125 people in and around Scott County. This includes services ranging from oral health clearances for major cardiac surgeries to finding a dentist in Scott County who accepts Medicaid. I-Smile™ Silver has also strengthened its partnership with Genesis Health System in oral health trainings and care navigation for complex cardiac patients.

### **Presumptive Eligibility Coverage Helps Families Access Care**

SCHD staff have helped an increased number of community members apply for Presumptive Eligibility (PE) with Iowa Medicaid. PE is temporary Medicaid coverage that allows applicants to immediately access needed health care services and helps people to seek immediate care and avoid medical debt. Referrals for PE determinations often come from local community programs and clinics; school nurses and staff; and the Iowa Department of Human Services.

Staff outreach efforts during the 2018-19 school year also resulted in ten Scott County school nurses becoming certified to help students and their families to apply for PE Medicaid.

### **Expanded Services for Maternal, Child, and Adolescent Health**

The Maternal Child and Adolescent Health (MCAH) program has expanded to provide more direct care services through new partnerships and community outreach.

Maternal Health and Oral Health staff began providing services at WIC, Pregnancy Resources, and Davenport preschools. As a result, the I-Smile™ program has served record numbers of children with dental screenings, risk assessments and fluoride varnish services.

The partnership with WIC has resulted in more women receiving health education for pregnancy and caring for their newborn; psychosocial and lactation supports; dental screenings; and referrals to resources in the community.



# Inspects

## Flood

Approximately 30 food establishments in Scott County were impacted by the Mississippi River flood. Only seven actually had flood water enter their facility, but many others did not have access to their establishments because they were surrounded by flood waters. Using a new Iowa Department of Inspections and Appeals (DIA) emergency message system, SCHD sent a message to all impacted food establishments alerting them to contact the department for an inspection before reopening. Many places that SCHD re-opened had to close again when the Mississippi River crested for a third time. By the end of June 2019, three food establishments had not re-opened, and a fourth chose to remain closed.

## Iowa Well Survey

Scott County participated in the Spring 2019 Iowa Well Survey (IWS), an ongoing study by the State Hygienic Laboratory (SHL) and partner agencies, intended to characterize the water quality in private wells in Iowa. The survey looks at of the concentration and distribution of existing and emerging contaminants that affect the health of Iowans consuming water from private wells.

SHL tested for nitrates + nitrite, E. coli, total coliform, arsenic, copper, lead and manganese. In the ten samples submitted by Scott County during the spring of 2019, only two samples exceeded the EPA Maximum Contamination Level or secondary advisory levels for drinking water (#791504 0.047 mg/L Arsenic and 0.044 mg/L Lead; #791505 0.4 mg/L Manganese ).

**THE UNIVERSITY OF IOWA** | **State Hygienic Laboratory**

**IOWA WELL SURVEY**  
2019 SPRING SUMMARY REPORT

SCOTT COUNTY

Scott County submitted 10 samples from a total of 10 unique wells for analysis. In the summary of results below, quantifiable concentrations of a compound are indicated in yellow, while concentrations that exceed the EPA Maximum Contamination Level or secondary advisory levels for drinking water are indicated in red. Sample numbers grouped by a box indicate the collection of two samples from a single well at the same point in time for comparison of raw and treated water.

Sample #	City	Raw/Treated*	Nitrates+Nitrite as N mg/L	E.coli (MPN)/100ml	Total Coliform (MPN)/100ml	Arsenic mg/L	Copper mg/L	Lead mg/L	Manganese mg/L
791504	DAVENPORT	Raw	<0.10	<1	<1	0.047	0.33	0.044	<0.02
791505	LONG GROVE	Raw	0.6	<1	<1	<0.001	0.12	<0.001	0.4
791517	LONG GROVE	Raw	0.22	<1	<1	<0.001	<0.01	<0.001	0.15
793021	PRINCETON	Raw	12	<1	<1	0.003	0.03	<0.001	<0.02
793022	PRINCETON	Raw	8.3	<1	<1	<0.001	0.11	<0.001	<0.02
793023	DIXON	Raw	3.4	<1	<1	<0.001	0.08	0.002	<0.02
793025	LONG GROVE	Raw	<0.10	<1	<1	<0.001	0.13	0.002	<0.02
793027	ELDRIDGE	Raw	<0.10	<1	<1	<0.001	0.02	0.002	0.17
808111	LONG GROVE	Raw	6.8	<1	<1	<0.001	0.04	<0.001	<0.02
810370	LONG GROVE	Treated (S)	no analysis	no analysis	no analysis	<0.001	<0.01	<0.001	0.11

*The Flood of 2019, Downtown Davenport, Iowa*



*Facilitation methods lead conversations that help SCHD improve.*



## Monitors

### Community Health Assessment – Community Health Improvement Plan

As a primary function of public health, the community health assessment (CHA) and community health improvement plan (CHIP) assist a community in gathering data on health issues and assets and creating collaborative strategies to improve the community's health. In partnership with the Rock Island County Health Department, Genesis Health System, UnityPoint Health - Trinity, Quad City Health Initiative, and Community Health Care, Inc., SCHD completed a health assessment that involved a variety of community partners and gathered data on health status, community themes and strengths, forces impacting changes, and the capacity of the local public health system. Community partners comprised a Stakeholder Committee, which analyzed the data gathered and prioritized top health priority areas: 1) mental health; 2) nutrition, physical activity, and weight; and 3) access to health care. These health priority areas will be the focus of the community's CHIP for the next three years.

Drafting of the CHIP was the charge of three priority issue subcommittees. Through a series of meetings, these subcommittees identified goals, strategies, activities, responsible parties, and timelines that make up the 2019-2022 CHIP action plan. In collaboration with community partners, the CHIP action plan will be implemented over the next three years.



Mental Health



Nutrition,  
Physical Activity,  
& Weight



Access to  
Healthcare

### Quality Improvement

This year the department spent considerable time preparing for and celebrating SCHD PHAB Accreditation. While being an accredited health department is something to be extremely proud of, being recognized is not the reason that the department pursued it; the reason is that accreditation is all about performance and quality improvement.

During the last two years, SCHD has worked to develop a Culture of Quality. SCHD has a Quality Improvement (QI) Council that is helping to develop infrastructure to support quality efforts within SCHD, to train staff on various quality improvement tools and techniques, and to lead staff teams through quality improvement projects. This year teams explored ways to decrease immunization clinic no show rates; decrease the most common food establishment violations identified during inspections; and streamline billing practices to collect adequate revenue for programs.

The QI Council also had the opportunity to participate in quality improvement efforts at the national level by assisting the National Association of County and City Health Officials with a review and update of its Organizational Culture of Quality Self-Assessment Tool. SCHD has used this tool to assess the department's QI culture since May 2016. The tool guides local health departments through an assessment of their QI culture and recommends strategies to continue to improve. The final tool can be found at <http://giroadmap.org/assess/>.

## Protects

### **Outreach for HIV/STD Prevention and Testing**

The HIV/STD program expanded its reach in 2019 to include new marketing efforts, partnerships, outreach testing clinics and special events. Health promotion messaging and resource information for HIV, hepatitis C and STD testing at SCHD were shared via radio, print, billboards, social media formats, and several outreach events received coverage on local television news.

The calendar year 2018 grant from the Iowa Department of Public Health (IDPH) prompted new partnerships with agencies in Muscatine and Des Moines counties to offer HIV/hepatitis C rapid testing monthly. Clients in the expanded service area now have regular access to free, rapid HIV and hepatitis C testing in Muscatine at New Horizons and the Muscatine Center for Social Action and Alcohol and Drug Dependency Services in Burlington.

The SCHD condom distribution program aims to reduce barriers to safer sex. Free condoms are available at more than 30 locations throughout the Scott County community including medical and behavioral health providers; entertainment venues; barber and beauty shops; grocery stores; motels; college campuses; and Scott County administrative and courthouse buildings. This effort distributed more than 200,000 condoms in fiscal year 2019.

SCHD HIV/STD staff provide outreach at special events for the general public and priority populations that are disproportionately affected by HIV. Successful events included the National HIV Testing Day at Walgreens; local Lesbian, Gay, Bisexual, Transgender, and Queer/Questioning (LGBTQ+) Pride Celebrations; Juneteenth; Bill Bell Heritage Jazz Festival; and many more. At one new effort, the World AIDS Day event at North Park Mall, 1,739 individuals were tested for HIV and many more received information to increase their awareness. Outreach efforts for hepatitis C testing were successful as well; 265 people were tested through SCHD walk-in clinics.

### **Correctional Health**

On March 28, 2019, representatives from the Scott County Jail, Scott County Jail Medical Department, and SCHD participated in a joint tabletop exercise to prepare for a potential outbreak of highly contagious illness in the jail. Discussions centered on methods of identifying contagious illness among inmates and staff and strategies to prevent further spread of illness such as housing management, staffing, sanitation, food safety, and medical treatment.

The exercise proved very valuable to all participants as each department within the Jail provided input about their specific role in managing a contagious disease outbreak as well as how roles and responsibilities overlap, intersect, and teams could work together to manage a crisis situation.

Staff offered testing and education at Walgreens for National HIV Testing Day



## Supports

### Community Transformation Program

SCHD makes it easier to live healthy by making changes to where we work and play!

This year, the Community Transformation Program (CTP) launched a walk audit toolkit and user guide for community members. The toolkit helps identify sidewalk factors and design elements that support walkable communities. The toolkit was officially launched in November 2018 following successful pilot tests in multiple communities. The guide helps users complete a sidewalk inventory, conduct a walk audit, report the findings, and make recommendations for their community.

The CTP provided support to two school districts that changed their wellness policies to better promote physical activity, healthy eating, and chronic disease prevention. The school districts completed Hands-Only CPR trainings and started a wellness library for staff to check out fitness DVDs, wellness and lifestyle books, and yoga equipment.

The CTP continues to support healthy options in food establishments. In the past year, CTP helped Go Fish Marina Bar & Grill and Senior Star at Elmore Place implement the Nutritional Environment Measures Survey (NEMS) to identify healthy menu options.



### ServSafe Training

The SCHD provided ServSafe Food Protection Manager Certification courses this year in November, March, and April.

Instructors' use of real life examples, photographs, and questions answered by actual inspectors kept participants engaged. Structuring review questions as games made classes fun and helped educational messages resonate on a deeper level. Participants also reported that they enjoyed having the different inspectors as course instructors.

Overall, course participants performed well, demonstrating a knowledge of the class content upon completing the course. Most participants passed the test with an average score of 80 percent.



Tobacco and nicotine free signage helps support a healthy park in Princeton, Iowa.



## Partners

### Food Rescue Partnership

SCHD staff worked with the Food Rescue Partnership to host its second Food Rescue Workshop which covered food waste at a local and regional level, along with a panel discussion highlighting successes from local food establishments. The keynote speaker from Baked Beer & Bread Co. discussed strategies to monitor food purchasing, limit waste, handle donations, and engage/motivate staff in food rescue efforts. All attendees received a resource kit which included tools and resources to support participation in food rescue.



### I-Smile™ Silver Partners with Genesis Health System

This year I-Smile™ Silver provided monthly presentations for newly hired patient care technicians at Genesis Health System. The training covers the importance of oral health care in the hospital setting, focusing on hospital-acquired pneumonia and how oral care can help prevent it. The patient care technicians have the opportunity for hands on training in proper technique of oral care to hospital patients who are not able to brush on their own. They also learn what oral plaque is and why proper mouth care is “infection control”. Genesis Health System and I-Smile™ Silver have been collaborating on oral health in hospital settings since February 2019.

### Immunization Coalition

The Scott County Immunization Coalition launched in August of 2018. Formed as a part of SCHD’s Immunization Services program, the group seeks to reduce vaccine preventable diseases for all ages through education and assuring that immunizations are accessible. Coalition members include community partners, health care professionals and consumers. The priority areas of the Coalition are 1) timely follow-up, 2) immunization education, 3) Immunization Registry Information System (IRIS) tracking and reporting, 4) school-based clinics, 5) walk-in clinics, and 6) HPV immunization. Ideas have been shared for pursuing each priority area, and coalition members have identified actionable steps to achieve better immunization outcomes in Scott County.

## Food Safety - Collaborating with National Organizations

SCHD staff attended the Retail Food Association Summit with national partners including the Association of Food & Drug Officials, Conference for Food Protection, National Association of County and City Health Officials, National Environmental Health Association, and the Food & Drug Administration. The Summit provided an opportunity for each organization to discuss what it does regarding food safety so gaps and/or overlaps could be identified. Discussions centered on strategies for leveraging the collaborative efforts of each organization to enhance the effectiveness of the nation's retail food protection system. With a focus on measurable outcomes, the main goal of this new task force is to decrease the occurrence of foodborne illness across the country.



## Live Lead Free Quad Cities Coalition

Live Lead Free Quad Cities (LLFQC), a collaboration of public, private and academic agencies, was established as a non-profit organization this year, which aims to create healthy, lead-free spaces for those at greatest risk to live, play, and work.



Activities of LLFQC align with the CARE philosophy: **C**ollaboration with healthcare organizations and other public and private community partners. **A**dvocating for policies. **R**emediation of homes to be Lead-Safe," especially for families with children under the age of 6. Families may now apply to LLFQC for remediation assistance. Finally, **E**ducation is provided to providers, home owners, parents, and the public regarding sources of lead and its effects on children and communities.

## Quad Cities HEARTSafe Coalition

The Quad Cities HEARTSafe Coalition (QCHC) set a goal to increase bystander CPR rates in Scott County for cardiac patients from 31% reported in 2016 to 41% by 2018. In efforts to achieve its goal, the QCHC informed the community-at-large of the benefits of bystander Hands-Only CPR by providing trainings and awareness to employers, churches, schools and universities, and civic groups. Since QCHC's onset in 2017, stakeholders have provided Hands-Only CPR trainings and outreach to over 2,357 people. In 2018, QCHC's stakeholder and MEDIC EMS reported 48% of cardiac arrests received bystander CPR in Scott County, surpassing QCHC's original goal!



## **WIC Partnership**

The SCHD began partnering with the Special Supplemental Program for Women Infants and Children (WIC) program in September. The partnership allows WIC participants to receive quality dental care, maternal health services, referral resources, and education from MCAH staff. The services have proved to be a good fit at WIC, further enhancing the health and nutrition support WIC provides.

## **The Project of the Quad Cities**

The partnership between SCHD and The Project of the Quad Cities (TPQC) saw significant growth. Just like SCHD, TPQC provides outreach and prevention efforts for HIV, STDs and viral hepatitis. Working together, SCHD and TPQC have maximized impact at special events reducing service duplication. SCHD outreach staff have met frequently with counterparts at TPQC to plan for events and share strategies for outreach, education, and staff development. This year SCHD clinical services staff provided guidance and support to TPQC as they established STD services. TPQC continues to be a reliable referral resource for case management of clients newly diagnosed with HIV.

*Partnerships make public health work.*



## Statistics

<b>Administration:</b>	
Number of Subcontracts Issued	6
<b>Community, Relations, Information, and Planning:</b>	
Percent of Scott County consumers who received face to face education report it will help them or someone else to make a healthy choice	95%
Percent of children in the EPSDT program who have a medical home	84%
Percent of students entering kindergarten have a valid certificate of dental screening	100%
<b>Environmental Health:</b>	
Number of food service establishment inspections	1321
Number of food service establishment re-inspections*	1378
Percent of approved septic system installations met initial system recommendations	100%
Tons of recyclable material were collected in unincorporated Scott County	763.75
<b>Clinical Services:</b>	
Percent of the reported rabies exposures received a rabies risk assessment	100%
Number of communicable diseases reported	1240
Number of communicable diseases requiring investigation	185
Number of people who received STD/HIV services	278
Percent of 2 year-olds seen at the SCHED clinic are up-to-date with their vaccinations	79%
Number of school immunization records audited	29,839
Number of preschool and child care center immunization records audited	6,171
<b>Public Health Safety:</b>	
Number of public health preparedness drills/exercises held	9
<b>Correctional Health:</b>	
Percent of inmate health contacts provided in the jail	36,476

*\* The number of critical and non-critical food service establishment re-inspections were added together in this figure; thus there is some duplication in this figure.*

# Timeline



August 2018-  
Maternal  
Health Direct  
Services Began  
at Scott County  
WIC



December 2018-  
Tara Marriott was the  
Member Spotlight in  
the Iowa Environmental  
Health Association  
(IEHA) Saniscript.



November 2018- SCHD  
is PHAB Accredited!

JULY      AUGUST      SEPTEMBER      OCTOBER      NOVEMBER      DECEMBER



July 2018- Youth Fest



November 2018-  
I-Smile™ Silver  
Receives Funding  
to Expand Target  
Population to  
All Adults

August 2018-  
Immunization  
Coalition  
Launched



December 2018-  
World AIDS Day Event  
at Northpark Mall



April 2019- Christina McDonough Received Established Nutrition and Physical Activity Leader Award



June 2019- Staff Provided HIV Testing at PRIDE Event



June 2019- Trauma Informed Care Training for SCHD Staff Provided By Iowa Child Abuse Council



May 2019- New Payment System Launched (Credit Cards)

JANUARY

FEBRUARY

MARCH

APRIL

MAY

JUNE



April 2019- Eric Bradley Received the National Environmental Health Association's Certificate of Merit at the Iowa Governor's Conference on Public Health



June 2019- New Clinic Intake Room Opens



May 2019- Donahue Adopted Tobacco-Free and Nicotine-Free Resolution



June 2019- Kids and Community Connections Summit

