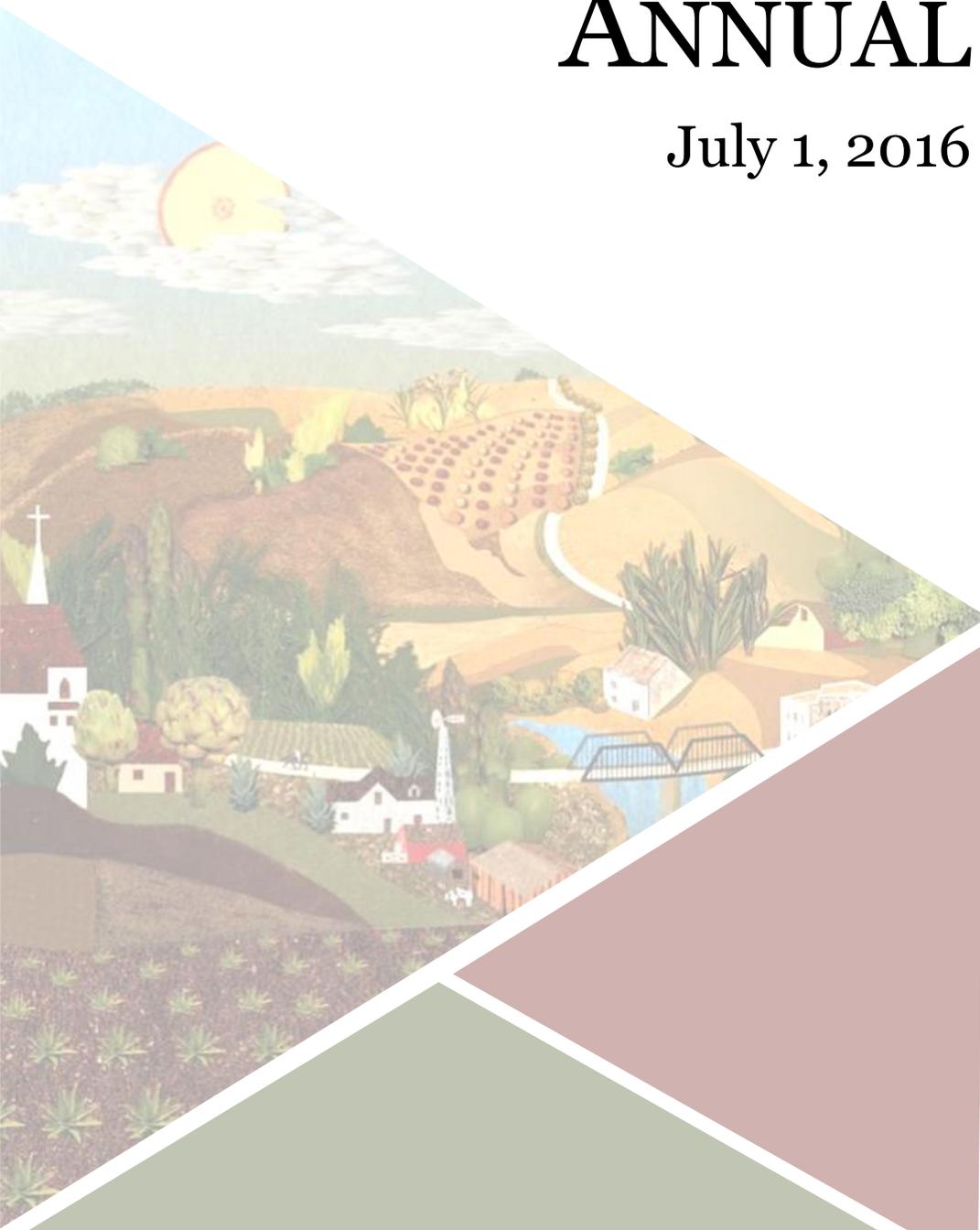


ANNUAL REPORT

July 1, 2016 - June 30, 2017



Jones County Public Health

105 Broadway Place, Suite 11 • Anamosa, IA 52205

319-462-6945 • publichealth@co.jones.ia.us

www.jonescountyiowa.org



Public Health
Prevent. Promote. Protect.



MESSAGE FROM THE DIRECTOR

Members of the community - including many community leaders - are often not familiar with the purpose or role of governmental public health in their lives. Public health agencies routinely prevent disease outbreaks, control the spread of illness, and ensure safe living environments. When practiced well, most people are not aware of the public health agencies working in the background. For decades, the practice of public health has been organized around a set of core functions and essential services described by the Institute of Medicine. These three core functions are the assessment of health status and health needs, policy development, and assurance that necessary services are provided.



Jones County Public Health (JCPH) is working to improve and protect the health and well-being of Jones County citizens. We focus on epidemiology and surveillance, primary prevention through education, and emergency preparedness as we strive to provide services that promote health, prevent disease, and empower people to make sound health decisions.

We will also continue developing community partnerships to address priority health issues identified in the Community Health Needs Assessment, and continue to work, in collaboration with our partners, on the Health Improvement Plan.

We thank our Board of Health, County Board of Supervisors, and our many community partners for their support. We welcome your comments and questions either by calling us at 319-462-6945 or emailing us at publichealth@co.jones.ia.us. You can also follow us on Twitter [@JonesCoPH](https://twitter.com/JonesCoPH) and Facebook (www.facebook.com/jcphiowa).

Sincerely,

Jenna D. Lovaas, MS, MPH
Public Health Director

JONES COUNTY BOARD OF HEALTH

The Jones County Board of Health (BOH) consists of five members of the community appointed by the Board of Supervisors. The BOH is responsible for safeguarding the community's health and has jurisdiction over public health matters in Jones County. Jones County Public Health and Jones County Environmental Health are responsible for carrying out this important work. Meetings of the BOH are held on the second Thursday of the month at 7:00 P.M. at 105 Broadway Place, Suite 11 (Broadway Place Annex) in Anamosa. The public is invited to attend these meetings.

ROLES AND RESPONSIBILITIES:

- Support the vision and mission of public health
 - Mission:* To promote and protect the health of the citizens of Jones County.
 - Vision:* Building a healthier Jones County.
- Discuss health issues and concerns, solicit input, and share plans for public health with the community
- Develop public health policy based on data and community input
- Assure compliance with legal responsibilities (Iowa Code and Iowa Administrative Code)
- Support accountable and quality practices

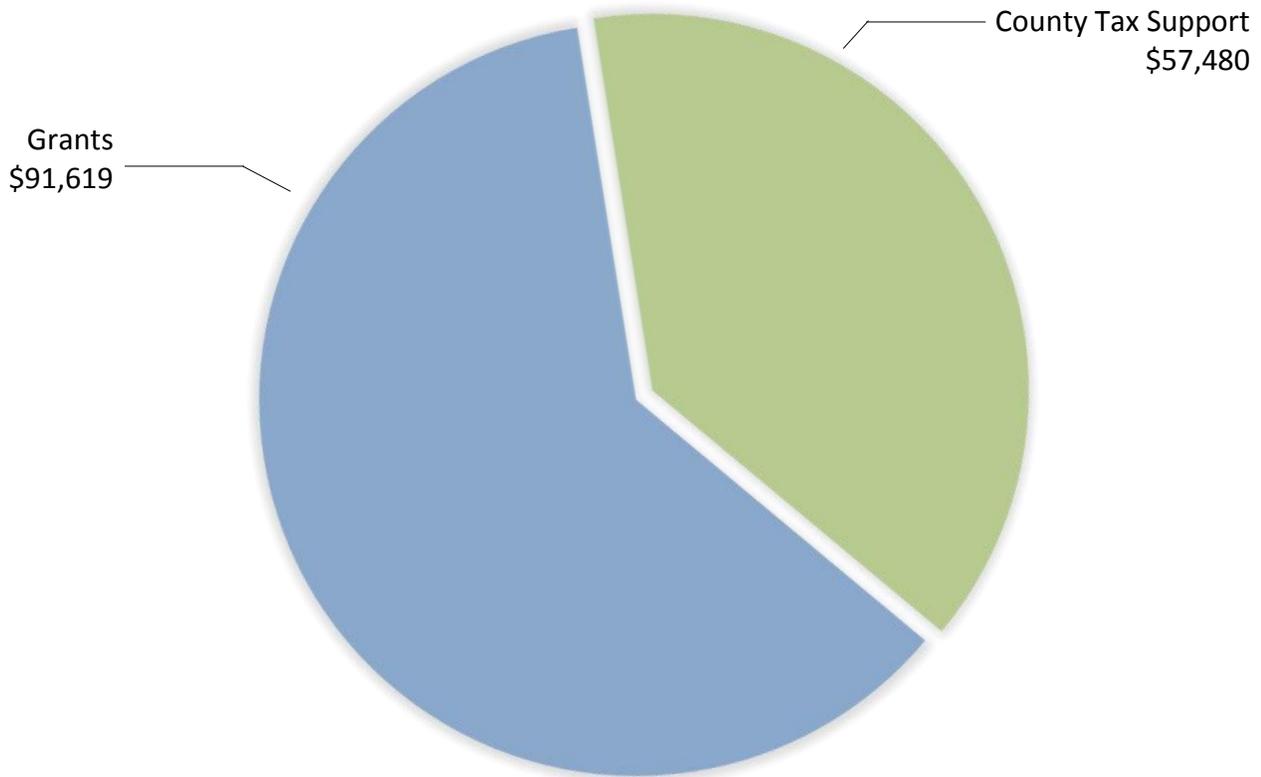


BOARD OF HEALTH MEMBERS (LEFT TO RIGHT)

Dennis Coon; Lyle Theisen, Chairperson; David Gilchrist, DVM, Vice Chairperson; Kirk Kilburg, MD; Wayne Manternach, County Supervisor

FISCAL YEAR 2017 BUDGET

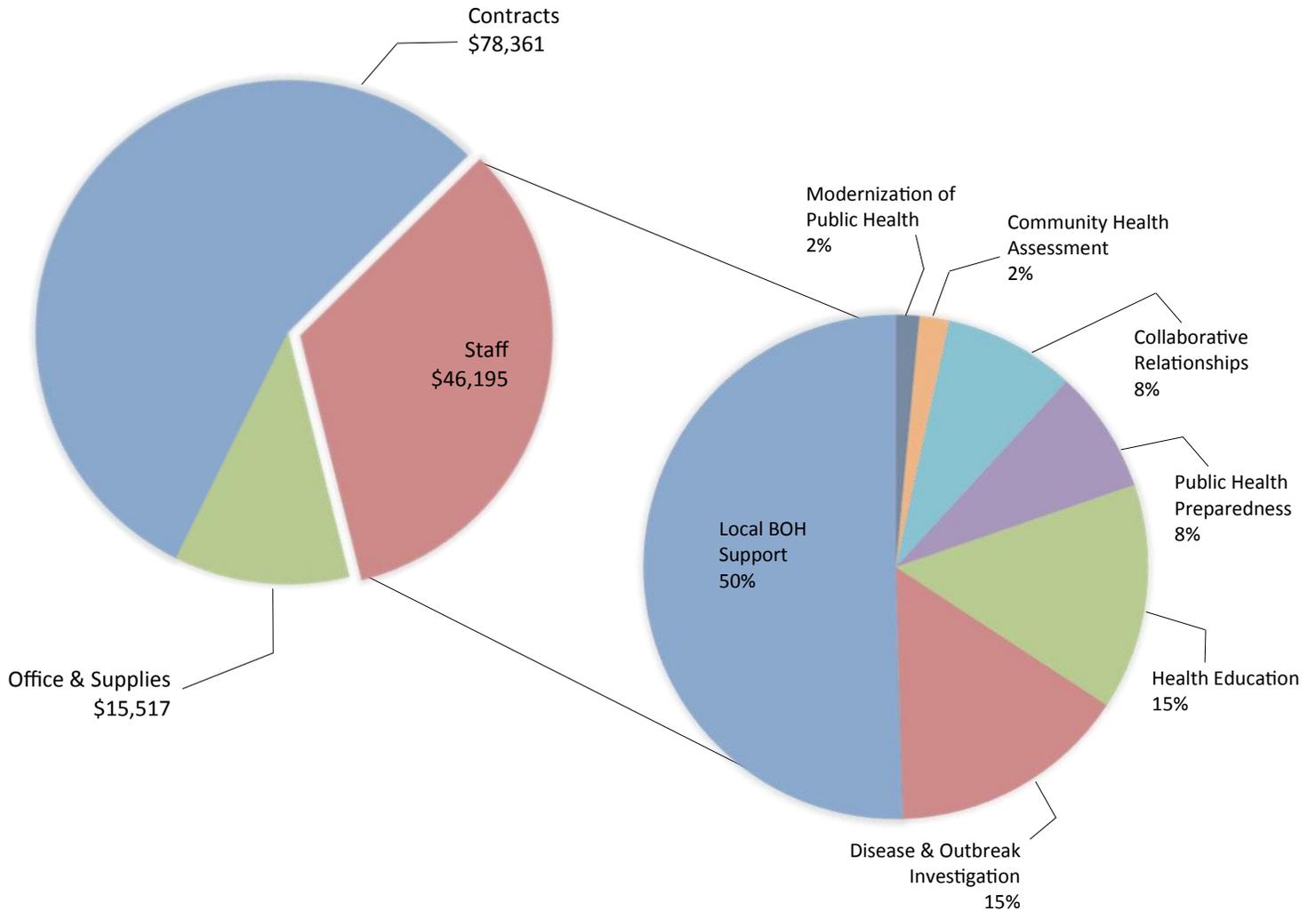
FUNDING



Grant	Amount
Local Public Health Service Grant (State)	\$52,137
Public Health Emergency Preparedness (PHEP) Grant (Federal)	\$33,117
PHEP Supplemental Funds for Highly Infectious Diseases (Federal)	\$6,365

FISCAL YEAR 2017 BUDGET

EXPENDITURES



Contracts	Amount
UnityPoint at Home - Home Care	\$45,477
Public Health Emergency Preparedness (PHEP) Planning & Consulting	\$24,000
Area Substance Abuse Council (ASAC)	\$6,900
Lutheran Services in Iowa (LSI)*	\$1,984

* For the purchase of 41 car seats and booster seats to be distributed to Jones County residents as needed.

COMMUNITY HEALTH ASSESSMENT

Every five years, local boards of health lead a community-wide discussion with stakeholders and residents about their community's health needs. After identifying needs in the community, the next step is to identify objectives and strategies to address those needs. The Jones County Community Health Needs Assessment (CHNA) and Health Improvement Plan (HIP) are available on the [JCPH website](#). An abbreviated version of the HIP is included below and represents our priorities for this five year period. Progress reports can be found on the [Iowa Department of Public Health's CHNA & HIP website](#).

Priority 1: Physical Activity, Nutrition, and Overweight & Obesity

Goal 1: Increase physical activity levels among Jones County residents.

Goal 2: Reduce the proportion of Jones County residents who are considered overweight or obese based on BMI.

Priority 2: Mental Health and Illness

Goal 1: Improve the understanding of mental health and mental illness, and increase awareness of available resources and services.

Priority 3: Addictive Behaviors

Goal 1: Reduce the proportion of Jones County adults who drink excessively.

Goal 2: Reduce the proportion of Jones County adults who currently smoke.

Jones County Public Health works with a variety of community organizations and agencies to address the goals and strategies in our Health Improvement Plan. For fiscal year 2017, we have chosen to feature our work with the Area Substance Abuse Council and the Jones County Safe and Healthy Youth Coalition on the addictive behaviors priority in our 'Project Highlight' on page 6 of this report.

We also regularly share resources and information via social media related to each of our priority areas. During fiscal year 2017, we shared 1,305 tweets with an average of 67 impressions per tweet. On Facebook, we shared 1,150 posts with an average reach of 77 per post and an average of 177 impressions per post.

CHNA/HIP PROJECT HIGHLIGHT

In fiscal year 2017, we contracted with the Area Substance Abuse Council (ASAC) to focus on alcohol and tobacco policies for our third priority area of the Health Improvement Plan. We also continued our work with the Jones County Safe and Healthy Youth Coalition, including involvement in both the marketing and planning committees.

Smoking is the leading cause of preventable death in the U.S., and secondhand smoke is a serious health hazard for all ages. In addition, smokeless tobacco products are known to cause cancer, and are not a safe alternative to cigarettes. Although youth use of cigarettes has declined in Jones County, the use of other tobacco products, such as electronic cigarettes, has become a concern.

Working with ASAC and the Coalition, we determined Jones County had no tobacco and nicotine free city parks. Since parks, playgrounds, and schools are created to be spaces for youth and families, it is imperative these locations are safe, welcoming, and present positive healthy lifestyles. Furthermore, having tobacco free environments provides for fewer opportunities for youth to smoke, and also helps prevent children from seeing tobacco users in public as role models. Since the majority of today's daily smokers begin smoking before age 18, keeping children and teenagers from starting is critical. We developed a packet of information to share with city and elected officials about the importance of tobacco/nicotine free public parks. Upon meeting with ASAC staff, the City Clerk of



Onslow was very interested in the initiative, and ASAC continued to assist with language, signage requests, and general education until the official passing of the comprehensive tobacco free/nicotine free ordinance for all Onslow parks in September 2016. Onslow is the first community in Jones County to pass a tobacco free/nicotine free ordinance for their public parks. We will continue to work with ASAC and the Coalition to promote tobacco free/nicotine free public parks throughout Jones County.

In addition to this project, as the Coalition feels very strongly about encouraging businesses to have strong ID practices in place, they sponsored the BARS Program for the third year in a row to conduct compliance checks at 24 bars and restaurants in Jones County. Of the 24 businesses that were checked, 22 were given a "green card," a success rate of 92 percent, and significantly above last year's rate of 81 percent. The Coalition attributes this success to their prevention efforts, as well as the buy-in and support of the business community. One such effort that continues to receive very positive responses from businesses, are the Training in Intervention Procedures (TIPS) trainings sponsored in conjunction with ASAC. These trainings can be tailored for bars and restaurants or convenience stations, and offer a comprehensive look at what alcohol service means, the liability involved, and how to safeguard against intoxication and underage sales. All trainings are completely free and come with a three year certification.

DISEASE & OUTBREAK INVESTIGATION

COMMUNICABLE DISEASE INVESTIGATION & SURVEILLANCE

Reportable communicable diseases investigated during FY2017 in Jones County (confirmed, probable, or suspect).

<i>Disease</i>	<i>Number of Cases</i>	
	<i>FY2017</i>	<i>FY2016</i>
Anaplasmosis phagocytophilum	*	0
Campylobacter	11	14
CRE Enterobacter	*	0
Cryptosporidiosis	5	9
E. coli	9	0
Giardia	0	*
Hepatitis B (chronic)	*	7
Hepatitis C (past or present)	*	0
Legionellosis	*	*
Lyme Disease	*	*
Mumps	*	*
Salmonella	*	*
Shigella	0	7
Zika	0	*

*For confidentiality reasons, Iowa Department of Public Health (IDPH) does not recommend reporting numbers less than five

Sexually transmitted infections (STIs), such as chlamydia, gonorrhea, syphilis and HIV, are investigated by the Iowa Department of Public Health (IDPH). County data for these STIs can be found on their [STD](#) or [HIV](#) websites; these data are provided on a calendar year basis rather than fiscal year. Below are incidence data from IDPH for Jones County on chlamydia, gonorrhea, and syphilis in 2015 and 2016. In addition, at the end of 2016, there were thirteen Jones County residents living with HIV.

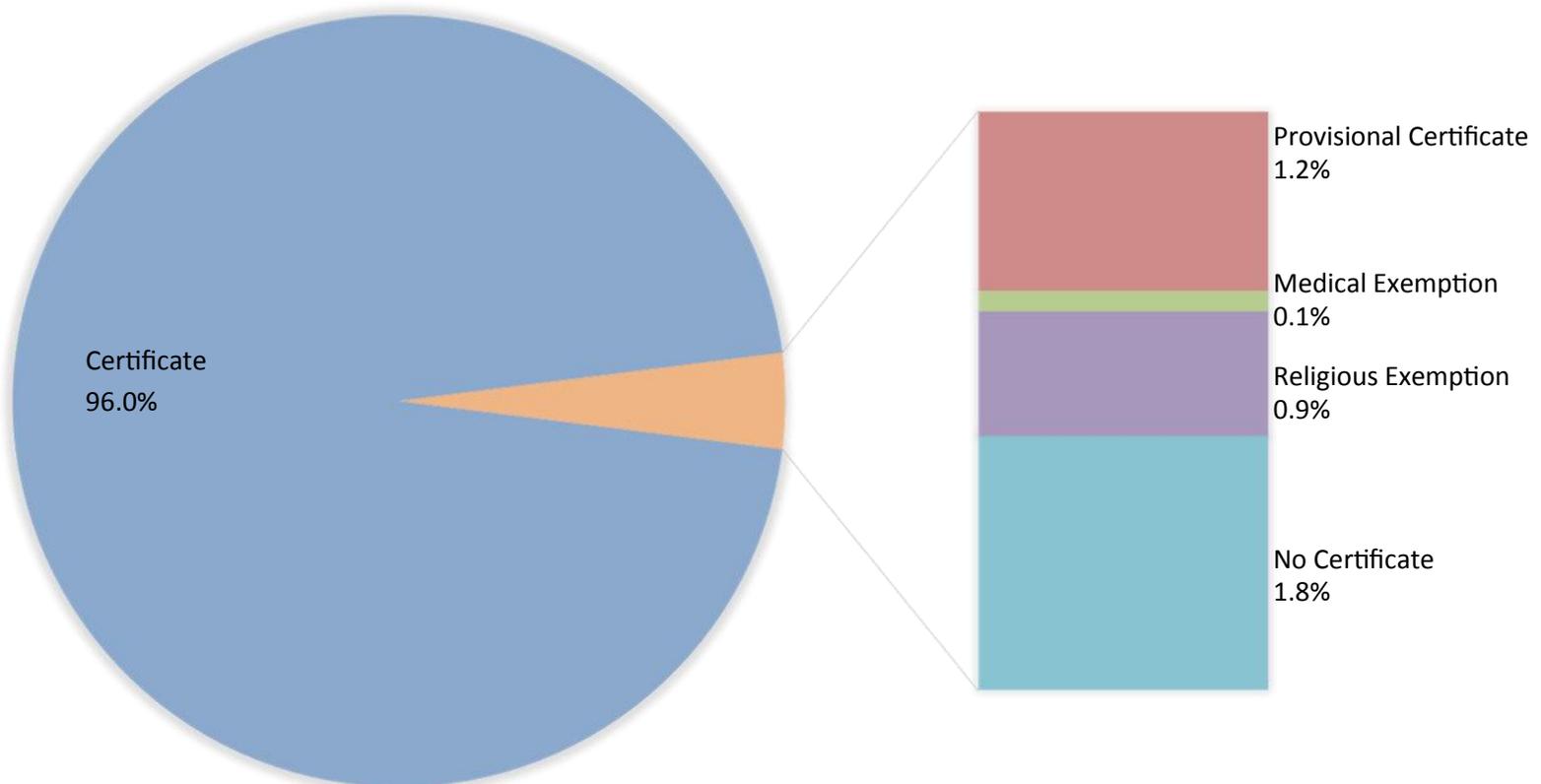
<i>Sexually Transmitted Infection</i>	<i>Number of Cases</i>	
	<i>2016</i>	<i>2015</i>
Syphilis	1	1
Chlamydia	23	34
Gonorrhea	4	6

DISEASE & OUTBREAK INVESTIGATION

IMMUNIZATION AUDITS

Immunizations audits are completed between October and January for all schools, licensed preschools, and registered daycare facilities. Immunization requirements are posted on the Iowa Department of Public Health's [Immunization Program website](#).

In Jones County, there are four public school districts, two parochial schools, and twelve licensed preschools/registered daycare facilities. The majority of students in Jones County have acceptable immunization certificates (96.0 percent), meaning they are up-to-date on their required immunizations for their age. You can find a more detailed summary of the Jones County immunization audits on our [website](#).



Provisional Certificate: Child is not immunized according to requirements, but has a temporary certificate that allows 60 days to update their immunizations.

Medical and Religious Exemptions are the only exemptions available in Iowa.

No Certificate: Child does not have an acceptable certificate or does not have any immunization certificate on file.

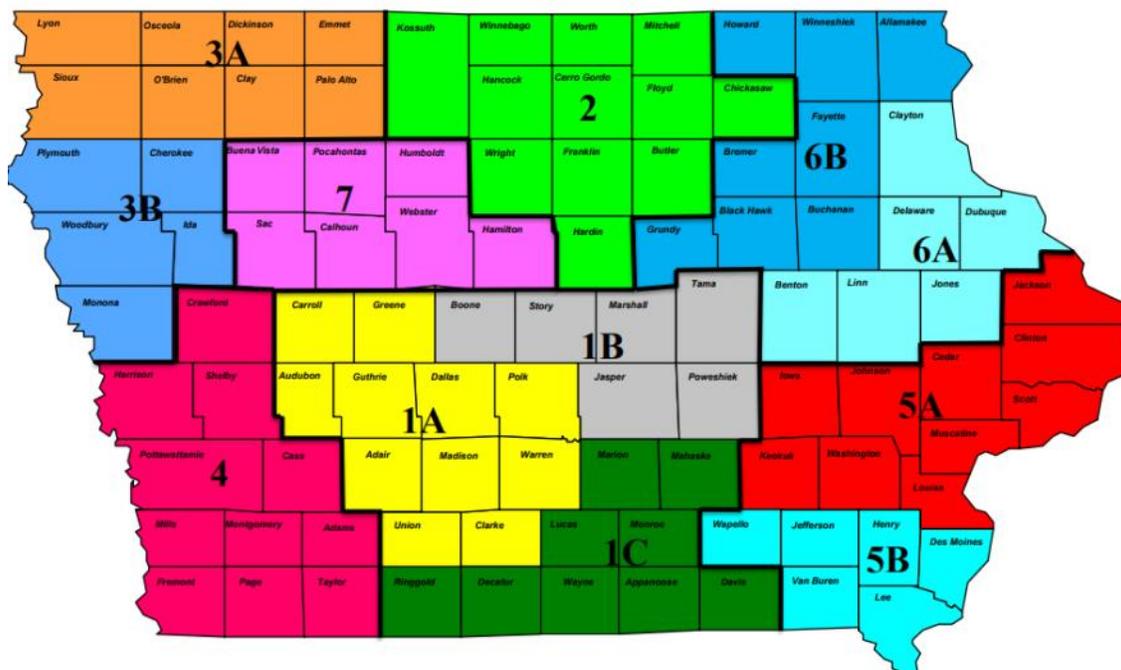
PUBLIC HEALTH PREPAREDNESS

Jones County Public Health is part of the Jones-Linn Healthcare Coalition (HCC), along with Jones County Emergency Management Agency, Jones Regional Medical Center, Linn County Public Health, Linn County Emergency Management Agency, UnityPoint Health - St. Luke's, and Mercy Medical Center. In addition to the quarterly Jones-Linn HCC meetings, JCPH participated in monthly regional preparedness meetings, as well as various conferences, trainings or workshops, and preparedness exercises.

The Iowa Department of Public Health (IDPH) receives federal Public Health Emergency Preparedness (PHEP) and Hospital Preparedness Program (HPP) grant funds to assist with preparedness efforts. These funds have assisted local public health agencies and hospitals to build and improve preparedness planning efforts. As part of these efforts, the Jones-Linn HCC has been working on addressing the preparedness capabilities outlined by the Centers of Disease Control and Prevention (<https://www.cdc.gov/phpr/capabilities>). The Jones County Public Health Emergency Response plan was last fully updated in 2007, and has now been completely updated as of the end of fiscal year 2017.

Through exercises and actual events, JCPH is able to test PHEP capability response planning. Post-event reviews are held to determine what works and identify areas of improvement.

Part of this year was also spent establishing the new healthcare coalitions, or service areas, the state has mandated for fiscal year 2018 and beyond. Jones County will work with five other counties on regional preparedness activities, while still maintaining local preparedness in collaboration with Jones County Emergency Management, Jones Regional Medical Center, and the Jones County EMS Association. A map of the new service areas is shown below.



OTHER PUBLIC HEALTH ACTIVITIES

HOME HEALTH

Jones County BOH contracts with UnityPoint at Home to provide home care and home health care services to Jones County residents. Home care allows a person with special needs to stay in their home. It might be for people who are getting older, are chronically ill, recovering from surgery, or disabled. Services can include personal care, such as help with bathing, washing hair, or getting dressed. Home health care is a wide range of services that can be provided in the home to assist with an illness or injury.

LOCAL BOARD OF HEALTH (BOH) SUPPORT

Includes staff support for the local BOH. This can include reviewing rules, regulations, and policies; setting public health goals and priorities; developing public policy to address public health issues; assuring state laws, public health regulations, and local ordinances are enforced; providing fiscal oversight; and providing oversight of activities to assure the health of the public.

COLLABORATIVE RELATIONSHIPS

Working with community partners to identify and address public health issues. Jones County Public Health collaborates with a wide variety of community partners, including, but not limited to, the Jones County Safe and Healthy Youth (JCSHY) Coalition, Jones County Community Partnerships for Protecting Children (CPPC), the Hawkeye Area Community Action Program (HACAP), and the Area Substance Abuse Council (ASAC).

HEALTH EDUCATION

Activities which are intended to provide educational information about physical, behavioral, environmental, social, economic, and/or other issues affecting health. Follow Jones County Public Health on Facebook or Twitter for daily health-related information, resources, and tips!

MODERNIZATION OF PUBLIC HEALTH

Activities related to the implementation of the Public Health Accreditation Board (PHAB) standards. This includes staff education and training about public health accreditation standards; and developing and implementing policies and procedures.