



CLAY COUNTY

PUBLIC HEALTH CENTER



2017 ANNUAL REPORT

CLAY COUNTY PUBLIC HEALTH CENTER'S MISSION

The mission of the Clay County Public Health Center is to deliver the essential public health services of prevention, promotion and protection to the communities of Clay County.

CLAY COUNTY PUBLIC HEALTH CENTER'S VISION

Empowering all people in Clay County to lead healthier lives!

BOARD OF HEALTH



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Jason Stalling, MBA, CAAMA, Section Chief, Family and Personal Health

A MESSAGE FROM THE DIRECTOR

Welcome to our 2017 Annual Report! The following pages offer a brief review of the many accomplishments of your nationally accredited Clay County Public Health Center during 2017. We continue to work hard every day to assure conditions exist in which all of our citizens can be healthy. Our Board of Health is committed to ensuring the highest standard of public health services are delivered to the residents of Clay County.

Highlights during 2017 include:

- We completed our second year as a nationally accredited health department with the Public Health Accreditation Board (PHAB). We demonstrated compliance with the improvement measures they asked to be completed. We filed our annual report in December which was accepted, so we were granted continued accreditation status for year three of this five year cycle. This accomplishment demonstrates to our communities that we have:
 1. Proven our capacity to deliver the 10 Essential Public Health Services.
 2. Shown that we have incorporated quality improvement and performance improvement practices into our day to day operations.
 3. Implemented strategies which allow us to set priorities to meet the identified health needs of our communities in Clay County.
 4. Assured taxpayers that we are spending money wisely and providing the quality of services the public expects and needs.
 5. Advanced the quality and performance of our agency by meeting or exceeding these very rigorous national public health standards.
- We completed the second year of our 2016-20 CCPHC Strategic Plan. To learn more about our Strategic Planning efforts, please visit our website, clayhealth.com, and select the "About Us" tab to open a copy of our Strategic Plan.
- We had a lead role in the investigation and containment of a number of disease outbreaks in Clay County. This very important work is accomplished each year beyond the public spotlight. Our dedicated team of epidemiologists, environmental health specialists and public health nurses respond quickly to effectively identify and contain outbreaks to prevent the spread of disease in Clay County.



In order to be successful in assuring conditions exist for people to be healthy, it takes a strong network of collaborative partners. We extend a sincere thank you to our partners in the local public health system in Clay County. Finally, we thank the people of Clay County for your continued support!

A handwritten signature in black ink that reads "Gary E. Zaborac". The signature is fluid and cursive, written in a professional style.

Gary E. Zaborac
Director of Public Health

2017 AT A GLANCE

ADMINISTRATION



1,376
FOOD ESTABLISHMENT
INSPECTIONS



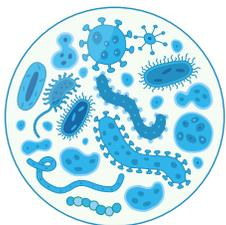
41,351
STUDENTS COVERED
WEEKLY BY SCHOOL
DISEASE SURVEILLANCE



17,699
VITAL RECORDS
REQUESTS PROCESSED



1,663
CHILDREN COVERED BY
DAYCARE DISEASE
SURVEILLANCE

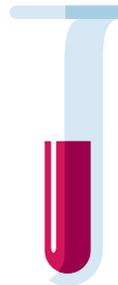


630
COMMUNICABLE DISEASE
CASES INVESTIGATED

COMMUNITY HEALTH PROMOTION



9,967
SCHOOL FLUORIDE
APPLICATIONS



1,220
PERSONAL HEALTH
SERVICES PROVIDED



406
SEXUALLY TRANSMITTED
DISEASE CLINIC VISITS



19,723
WOMEN, INFANTS AND
CHILDREN VISITS



7,761
COMMUNITY VACCINES
ADMINISTERED

2017 FINANCIALS

INCOME

Local Taxes	\$4,247,964
Interest	\$36,960
Vital Records	\$223,701
Environmental Fees	\$471,311
Clinic Fees	\$60,833
Federal Grants	\$704,240
State Grants	\$87,690
Medicaid/MC+	\$123,178
Medicare	\$3,044
Insurance Billing	\$101,725
Other*	\$48,247

TOTAL 2017 BUDGET \$6,108,893

* Facility rent (Rodgers Health), financial institution tax, refunds and reimbursements.

EXPENDITURES

Salaries	\$2,653,608
Benefits	\$1,143,474
Supplies	\$224,595
Contracted Services	\$460,967
Travel	\$42,195
Utilities/Rent	\$65,577
Other*	\$412,163

Total Expenditures \$5,002,579

Reserve Account Balances** \$1,144,000

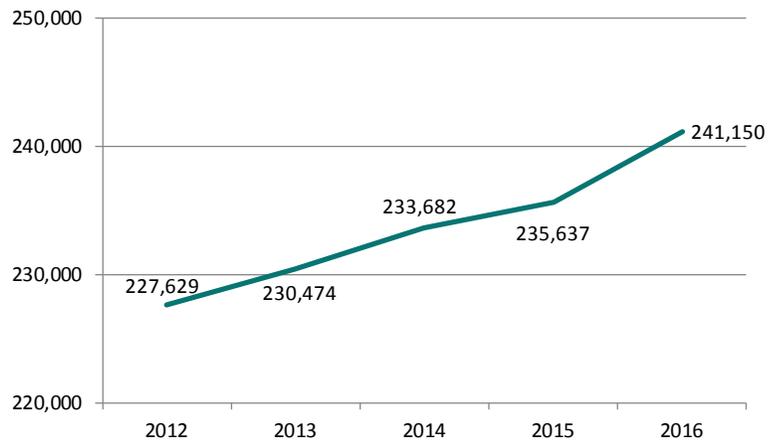
TOTAL 2017 BUDGET \$6,146,579

* Vaccines/medication, interest and depreciation.

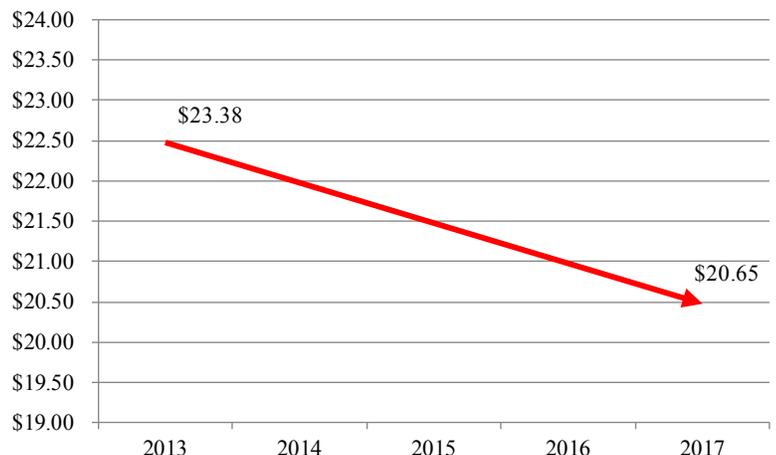
** Emergency Reserve, Debt Service, Capital Renewal

The expenditures per resident graph illustrates a troubling trend in Clay County. Over the last five years, despite seeing an increase in population, which creates an increasing need for public health programs and services, fewer dollars are available per capita to be invested in public health prevention. Lack of spending on prevention directly correlates with poorer health outcomes and an increase in associated costs. To offset the decline in resources, CCPHC continues to develop and work with local partners on population health improvement initiatives. However, there is much more to do than current resources and alliances can address. This results in difficult choices being made.

RESIDENTS



EXPENDITURES PER RESIDENT





HOPE FOR THE BEST PLAN FOR THE WORST

Along with prevention and promotion, protection is one of Clay County Public Health Center's essential public health services. In October, Clay County Public Health Center performed a full-scale emergency preparedness exercise to help identify areas for improvement and recommendations to address those areas for a real emergency situation.

The Artican Surprise Mass Prophylaxis Exercise was developed to test the capabilities of Clay County Public Health Center and its partners to provide medical counter-measures (MCM) to Clay County populations during a widespread public health emergency. The public health emergency tested was a pneumonic plague outbreak.

This full-scale exercise was conducted over two days and tested a wide variety of capabilities. Day one was focused on picking up and distributing strategic national stockpile (SNS) medication to 11 closed Point of Dispensing (POD) sites and coordinating response operations at the Emergency Operations Center (EOC) at the Clay County Sheriff's Office. On day two, the mass prophylaxis exercise was conducted to provide life-saving preventive medications to individuals not covered by the closed POD system.

Overall, the emergency exercise provided Clay County Public Health Center staff, volunteers, and government partners with an invaluable learning experience on how to handle and respond to an emergency situation. Seventy staff members and volunteers participated in the exercise and served in different capacities, including medical and non-medical functions.

Exercise evaluator Andrew Carpenter stated, “[Clay County Public Health Center] staff did an amazing job, especially considering the construction issues you were forced to deal with. I’m sure this was stressful, but I cannot think of a better way to simulate the real-world variables that often arise despite our best planning efforts... It illustrates the fact that no matter how much we plan, issues will always arise we cannot anticipate. The key is finding the right staff that can remain flexible enough to deal with anything you throw at them. Based on what I saw Friday, it appears to me as though you have that caliber of staff.”





A WEIGHT OFF MY SHOULDERS

When Clay County resident Katlyn Dollins realized she was pregnant with her first child at the end of 2016, she did not know how she was going to carry the baby in her financial situation. Her mother, who used Women, Infants and Children (WIC) services in the past, recommended that she go to the public health center.

“I was just coming in because I just knew that they were going to help and that was going to be a big relief off my shoulders... [The health center provided] the small necessities that you don’t think you’re going to need, but you really, really need it,” Dollins said.

The WIC program at the health center was able to provide Katlyn, and later her daughter, Carly, with supplemental food, healthcare services and nutrition education. During the pregnancy, Katlyn was deemed at-risk, and her health outcomes were vastly improved due to the public health center.

“I was, during my pregnancy, considered overweight. And so, with that, they helped me maintain a strong weight goal. It made me eat a lot healthier. The pregnancy went really great. Better than I had expected, especially having the lactation consultant help me and all the extra help with the food,” Dollins said.

In addition to WIC services, Katlyn joined the breastfeeding encouragement group at Clay County Public Health Center. Breastfeeding Peer Counselor Julia Hladky discovered that Katlyn’s daughter, Carly, was lip-tied. While this can sometimes prevent women from breastfeeding, Katlyn was able to continue breastfeeding due to the discovery and help from the health center.

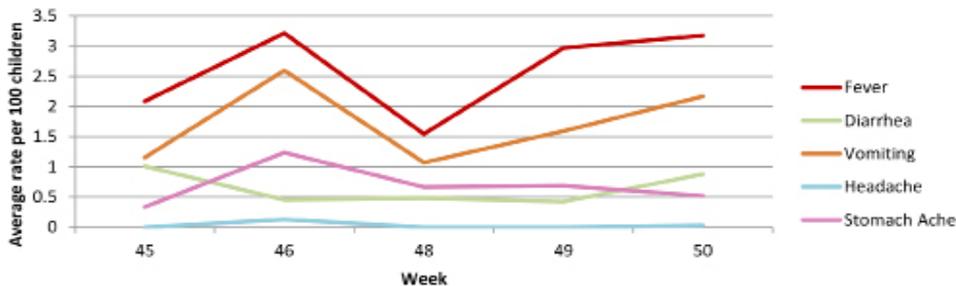
Katlyn and Carly will continue to come to the health center for WIC services and to attend the breastfeeding encouragement group. As for their overall experience with the health center, Katlyn said, “It’s been amazing; you guys are so nice and easy-going. There [has been] no complications with anything. So, I mean, everything is just so good.” Empowering individuals to lead healthier lives is what the health center aims to achieve and, in Katlyn’s case, CCPHC succeeded.

CARING FOR OUR DAYCARES

Toddlers are not known for their strong handwashing skills. This is probably one of the reasons why daycares are hotspots for communicable diseases and sources of outbreaks. The Clay County Public Health Center's epidemiology program was able to partner with local daycares and start a daycare disease surveillance program in order to monitor these outbreak sources and prevent them from occurring in the future.

In 2017, 11 daycares reported their toddlers' symptoms to Clay County Public Health Center. By partnering with daycares, epidemiologists at the health center are able to identify outbreaks sooner. This allows the health center and daycare staff to educate and make changes in cleaning methods to prevent others from becoming sick. It keeps families healthy and happy and reduces the cost spent on visits, medication and loss of pay from missing work.

Change in Fever, Diarrhea, Vomiting, Headache and Stomach Ache



Reported incidents of symptoms from 11 partnering daycares in 2017

For many years, the Clay County Public Health Center has used disease surveillance systems with school districts, hospitals and the state to track abnormal trends of diseases, symptoms and outbreaks. Having a system in place with local daycares, however, provides the health center with another opportunity to provide education about immunizations, communicable diseases, car seat safety and influenza prevention.

Providing education and resources for local daycares protects children and the general population of Clay County. In addition, monitoring disease and outbreaks can prevent other individuals from getting sick. The daycare disease surveillance program is another way the public health center empowers the people of Clay County to lead healthier lives.



SINKING TEETH INTO CHANGE

The oral health program at Clay County Public Health Center is staffed by registered dental hygienists. The program works to address the limitations that socioeconomically challenged families in Clay County have in accessing preventative oral health services. Last year, the public health center's dental staff sunk their teeth into a variety of amazing projects.

Our dental hygienists Karmen Vaughn and Mikayla Cox, along with volunteers, provided oral health screenings, fluoride application and oral health education to all children enrolled in public and private schools in Clay County, children in the Women, Infants and Children (WIC) program and in some preschools and daycares. Since the start of the dental screening program, there has been a significant decline in cavity incidences in elementary children screenings.

During the 2016-2017 school year, 46 schools participated in the health center's dental prevention program and almost 10,000 fluoride varnish applications were administered. This was a nearly 400 percent increase in fluoride applications administered compared to the previous school year. Needless to say, the dental staff at Clay County Public Health were very busy!

In addition to providing education, screenings and fluoride applications, Cox and Vaughn conducted a pilot with Rodger's Health Clinic at Clay County Public Health Center in the summer of 2017. The trial focused on providing smoking cessation case management and oral cancer screenings for all tobacco using clients at Rodger's Health Clinic.

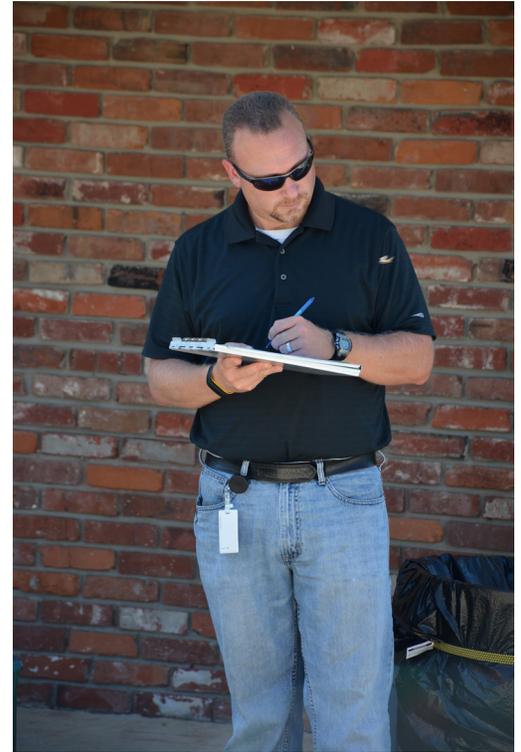
One of the most important factors contributing to the success of Clay County Public Health Center's dental program are the amazing partners and volunteers in Clay County. During the 2016-2017 school year, dental staff were able to partner with Cerner's First Hand Foundation, Chapel Hill Elementary School and Duensing Family Dentistry to provide a family with funding for necessary dental treatment. Community partners also enable our hygienists to identify the level of satisfaction of the dental program, address gaps and ensure continuous quality improvement for the people of Clay County.

INSPECTING AND PROTECTING

The environmental health section at Clay County Public Health Center achieved standards two and three of the Voluntary National Retail Food Regulatory Program Standards; thereby joining a select number of enrolled jurisdictions across the country that have met multiple FDA standards. The standards were designed to help health departments across the country develop highly effective and responsive retail food regulatory programs. By achieving these standards, our environmental health staff apply our Food Code consistently in every food establishment and keep food safe by reducing the number of foodborne illnesses.

Standards two and three of the Voluntary National Retail Food Regulatory Program Standards specifically focus on comprehensive training for regulatory inspection staff and the utilization of a systematic approach to controlling food safety hazards. “The Standards improve consistency in our food safety inspections, which provides greater health protection to the citizens of Clay County, and enhanced customer satisfaction with those businesses we regulate,” said Becky Steiner, section chief, environmental health protection at Clay County Public Health Center.

In addition to meeting FDA standards two and three, the environmental health section at Clay County Public Health Center was awarded two grants in 2017 and fully updated its onsite sewage ordinance. Onsite sewage stakeholders met in 2017 to obtain feedback and input for recommended revisions to regulations. These changes resulted in regulations that are clearer for enforcement and easier for installers and homeowners to implement.



The grants awarded to the environmental health section are through the Association of Food and Drug Officials-administered Retail Program Standards Grant Program. Clay County Public Health Center was awarded the small project grant and the food protection task force support project grant. These grants will be used to maintain FDA standardization, support additional trainings and advance food protection task force activities throughout 2018.



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