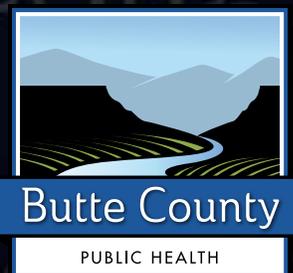


Celebrating 20 Years of
2018
Child Passenger Safety



Annual Report

BUTTE COUNTY PUBLIC HEALTH



Butte County
PUBLIC HEALTH

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Let's be friends.
 Get important updates,
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Health Officer's welcome

After receiving National Accreditation in 2017, the Department seemed to be hitting it's stride. Accreditation was a result of an all hands on deck approach to rebuilding the foundation of our day-to-day operations and a fresh perspective on inclusiveness, health equity, collaboration, and cultural competency.

Many of our programs became desirable recipients of grant funding, allowing us to dig deeper into emerging community health issues. This funding also facilitated greater community awareness around topics like vaping, flavored tobacco products and opioid misuse through targeted health education campaigns.

After a long, hot summer had ended, there was an unspoken optimism in the community. We had made it through the year without fire, or so we thought. Most of us will never forget the morning of Thursday, November 8, 2018.

As the Camp Fire ravaged much of Concow, Magalia and Paradise, we worked feverishly to ensure the evacuation of hundreds of patients from skilled nursing facilities. Our nursing team took immediate action to assist with medical triage at the emergency evacuation shelters and our Animal Control Shelters established operations, ultimately sheltering over 4,000 animals during the Camp Fire event.



We continue to be grateful for the strong partnerships we have throughout the County and beyond. Relationships are some of our most valuable assets and what makes Butte County STRONG.

Dr. Andy Miller
 Public Health Officer

Nursing division

Celebrating 20 Years of Child Passenger Safety

In 2018, the Department's Occupant Protection Program celebrated its 20th year of making children safer. When the program started in 1998, data demonstrated that motor vehicle crashes were the leading cause of unintentional injury deaths to children under age 19.

Using funding provided by the California Department of Public Health, we began to analyze which injury mechanisms were causing the most deaths and injuries and to identify and implement "best practice" interventions to decrease these deaths. This resulted in the advent of the "Kids in Safe Seats Program (KISS)." KISS provided car seat

classes for families that could not afford to purchase a car seat. These classes included instruction on how to use and properly install the car seat in the family car. Additional services included car seat checkup events at local malls and stores and establishing a Violator Diversion program so that parents or caregivers that were ticketed for an occupant violation could receive education and a decreased fine.

Finally, the KISS program identified partners to assist with the work of education by setting up "Car Seat Fitting Stations" at local law enforcement offices, fire departments, community clinics and local non-profit organizations.

KISS program staff has expanded from one person to four people. The program has been able to secure funding annually through a competitive grant process offered by the California Office of Traffic Safety.

Since the inception of the KISS program, Butte County has experienced a 95% decrease in motor vehicle occupant deaths to children under age 19.

Environmental Health division

Engaging the Community

Much of 2018 was devoted to recovery efforts from major emergencies during 2017, including the Oroville Spillway Incident and October Wildfire Complex (La Porte and Cherokee Fires). In order to protect the public's health, the Environmental Health Division continued to assist property owners affected by the 2017 wildfires by providing resources for ash and debris evaluation and removal, reviewing reports for hazardous waste and asbestos assessment or removal, and providing final hazardous material clearances required for the disposal of ash and debris into Neal Road Landfill.

As some programs returned to normal operations, Environmental Health worked to reconvene several Public Health Citizen Participation Groups, which help to inform, guide and protect the public. Both the Food Safety Advisory Group and Well Drillers

Advisory Group resumed regular meetings re-establishing their roles and responsibilities.

Environmental Health worked to reconvene several Public Health Citizen Participation Groups, which work to inform, guide and protect the public.

The Environmental Health Division also partnered with the California State University, Chico to increase interest and awareness among students about careers in Environmental Health. This involved sending our Registered Environmental Health Specialists to conduct classroom presentations in both the Physical and Biological Sciences on a quarterly basis.

The Land Use Team, under direction of the Public Health Director and in collaboration with Development Services, began the process of evaluating the Exploratory Well program. Under the direction of the Board of Supervisors, the Division initiated a study and subsequent

enforcement actions to determine the best methods for achieving compliance with County water well codes, which prohibit the use of exploratory wells.

321

CAR SEATS
DISTRIBUTED TO
LOW INCOME
FAMILIES

96

CAR SEATS FITTED
FOR RESIDENTS OF
ANY INCOME

17

CAR SEAT
*CLASSES
FOR PARENTS
CONDUCTED

*2 classes taught in Spanish
*2 classes taught in Hmong



5 Public Car Seat check-up events were conducted.



2 National Certification Courses were conducted, resulting in 28 newly certified technicians to assist families.

DID YOU KNOW?



You can look up the most recent food inspection report for your favorite restaurant!

Visit:
tinyurl.com/ButteFoodReport

Community Health & Sciences division

New Standards for Shelter Illness Mitigation

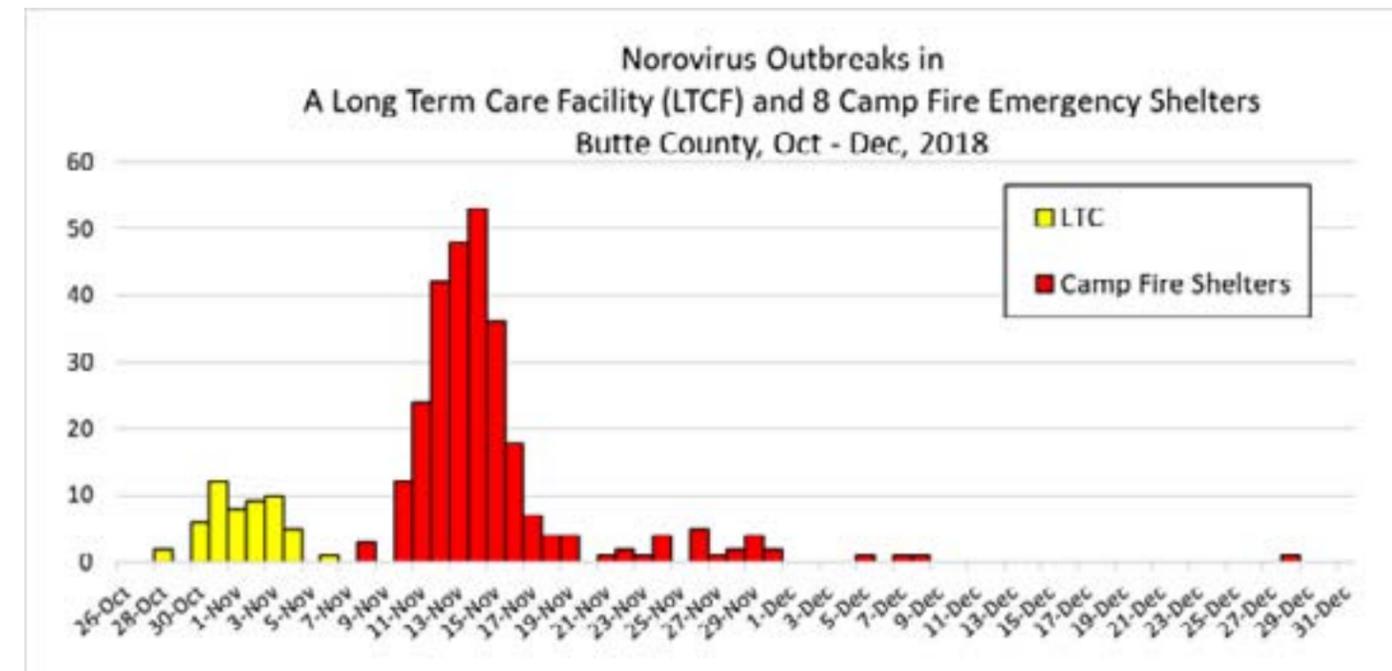
In 2018, the Communicable Disease (CD) team responded to several norovirus outbreaks, including Butte County's largest norovirus on record. Norovirus causes an illness characterized by a rapid onset of vomiting and/or diarrhea that can be severe, typically resolving in 48-72 hours. Norovirus passes easily from one person to the next via person to person contact, contaminated food or water, or contaminated surfaces. The virus is very hardy and is not killed by

many commonly used cleaning or disinfection agents.

In late October 2018, an outbreak at a long-term care facility in Paradise occurred. Shortly thereafter, in November, over 1000 people sought shelter in evacuation centers subsequent to the Camp Fire. **Norovirus was introduced from the community into the emergency shelters, resulting in over 270 shelter evacuees ill with norovirus.** Additional outbreaks were

identified at other long-term care facilities and suspect cases were reported from several schools.

The CD team investigated and assured control measures were in place at schools and long-term care facilities. To mitigate the shelter outbreak, the CD team worked with the Department's Division of Environmental Health, the California Department of Public Health's infection prevention and control team, and additional mutual aid resources.



Outbreak Mitigation:

- Initiated surveillance for cases at seven Butte County shelters and one Glenn County shelter.
- Created and implemented isolation areas and protocols for use of isolation areas at shelters.
- Implemented rapid turn-around PCR testing for norovirus using the BCPH lab to confirm cases and guide isolation and other infection prevention/control activities.
- Implemented case tracking at all affected facilities to improve infection control and ensure infection prevention/control practices were consistently practiced.
- Provided oversight and guidance on infection control practices in the supported and partially supported emergency shelters.
- Collaborated with CA Department of Public Health, American Red Cross, and Cal-MAT and other partner agency medical providers on infection control practices and patient management.

Outcomes:

- The norovirus outbreak was mitigated within 10 days of identification, with only one additional case from December 9, 2018 through the end of the year.
- Protocols, procedures, and tools were developed that are now being used to develop statewide and national guidelines for emergency shelter operations.
- An emergency shelter infection control binder (toolkit) with guidance documents, protocols, and educational posters was developed addressing infection control for norovirus type illness and respiratory/ influenza illness prevention and control. This toolkit will be provided and used in future emergency sheltering events.
- The outbreak and infection control measures were presented at the Centers for Disease Control Epidemic Intelligence Service Annual Conference in Atlanta, Georgia

Animal Control

Expanding Animal Response Through Partnerships

One of the ways that Animal Control works to protect the public's health is to ensure that dogs in the unincorporated areas are licensed. A valid dog license provides proof that a dog has been vaccinated for rabies. It also facilitates the smooth and timely return of lost dogs to their home, instead of spending time in the animal shelter.

In 2018, Animal Control Officers responded to 3,232 calls for service. The majority of these calls are for loose animals, aggressive animals, neglected animals and animal welfare checks.

Multiple cases of animal cruelty were filed in 2018. One case revealed over 100 malamute type dogs found in unhealthy living conditions and inhumanly contained. In partnership with local animal shelters, the dogs were treated for various illness/disease and eventually adopted out to the community and beyond.

Animal Control Officers responded to 3,232 calls from the community.

The program participated in a new quality improvement exercise to identify bottlenecks in our bite entry procedure. The goal was to find steps in the bite entry process that could be done more efficiently to reduce the time it takes to enter and track bite investigations. In turn, these improvements will allow the program to respond timely and create more availability to assist the community.

After the many fires of 2017, the Animal Control program made improvements to their disaster preparedness capabilities, which included expanding their mutual aid network. Working together with North Valley Animal Disaster Group, 180 new disaster volunteers were trained - a record number! Additionally, protocols and processes were reviewed and improved. These all helped in the heroic response of the Camp Fire.

3,583

DOG LICENSES ISSUED

180

NEW EMERGENCY ANIMAL DISASTER VOLUNTEERS TRAINED

2

LOW-COST RABIES CLINICS CONDUCTED



CASSANDRA MIRACLE

Award of Excellence

Creative work and collaboration in improving the health status of people living in Butte County.

Cassie has done a great job connecting with local homeless shelters and sober living environments to conduct outreach and rapid testing for Hep C, HIV and Syphilis. She has a superior dedication to improving the health status of people living in Butte County.



DAWN HARRIGER

Outstanding Customer Service

Demonstrates a customer focused approach by creating and implementing a service standard in a program or division.

Dawn is the face of the department. She is always friendly and helpful to anyone who approaches her desk for a birth certificate, and very professional and empathetic to those there for death certificates.



CHRIS LARSON

Quality Improvement

Improved a process or program in a way that demonstrates methods of efficiency relating to time and/or money.

Chris continues to be an early adopter and proponent for improving the QI process throughout the department. He has a good understanding of QI and sees the overall impact it can have within the department for our internal and external customers.

2017-18 Finances

Expenditures

Total: \$18,045,924

Salaries & Employee Benefits	\$12,513,548
Services & Supplies	\$4,149,893
Other Charges	\$1,255,190
Capital Assets	\$125,755
Other Financing	\$1,538

Revenue

Total: \$18,523,301

Licenses, Permits and Franchises	\$85,089
Fines, Forfeitures and Penalties	\$28,789
Use of Money and Property	\$54,150
Intergovernmental Revenues	\$13,449,277
Charges for Services	\$3,406,859
Miscellaneous Revenues	\$7,713
Other Financing Sources	\$1,491,424