

Department of Public Health

Ord. No. 463-2021

Public Health Emergency Preparedness (PHEP) Executive Summary

Background/Purpose:

This legislation authorizes the Director of Public Health to apply for and accept a grant from the Cuyahoga County Board of Health to prepare for and respond to outbreaks of infectious disease. This legislation also authorizes the Director of Public Health any additional funds that may become available to provide Public Health Emergency Preparedness services. The Director of Public Health is authorized to enter into contracts as needed to implement the grant as described in the file.

Impact of Legislation for July 1, 2021 through June 30, 2023:

1. Continue communicable disease investigation and surveillance.
2. Continue outbreak investigations in the City of Cleveland.
3. Continue cross training to CDPH staff on communicable disease investigation and outbreak investigation.
4. Continue to improve education to the community on communicable disease epidemiology, surveillance and prevention.
5. Continue to implement infrastructure, including information technology to efficiently handle outbreak investigations.
6. Continue data analysis of communicable diseases monthly and quarterly
7. Improve reporting requirements from the medical community
8. Continue emergency preparedness coordination
9. Continue the development of epidemiological data reports
10. Improve inter-departmental utilization of epidemiologist as a resource
11. Continue infectious disease emergency planning capabilities (e.g. Ebola, pandemic influenza, COVID-19)
12. Continue vaccine distribution emergency planning capabilities (e.g. COVID-19, pandemic influenza)
13. Continue interoperable communications planning
14. Continue exercise and training for infectious disease outbreak response activities
15. Continue public information campaigns for pandemic preparedness
16. Continue risk communication planning

2021 ACHIEVEMENTS

Communicable Disease Surveillance:

- Weekly COVID -19 Reports published to residents of Cleveland and shared with the Mayor of Cleveland
- Created a public-facing COVID-19 dashboard to share pertinent outbreak and case information with the residents of Cleveland
- Over 12,846 individual case investigations conducted
- Maintenance of 24/7 on-call outbreak and infectious disease response system
- Maintenance of ODRS administration and training

Epidemiology:

- Conducted 24 outbreak investigations
- Created a COVID-19 database highlighting cases, outbreaks, and pertinent information for health resources to better communicate data throughout the jurisdiction
- Under the supervision of the epidemiology team, case investigation capabilities expanded; epidemiology team on-boarded and trained 12 case investigators to conduct case investigations for COVID-19
- Multi-jurisdictional outbreak response
- Maintenance of quality control protocol for communicable disease
- Maintenance of disease outbreak investigation reports
- Continued mortality surveillance
- Maintenance of the epidemiology response plan
- Maintenance of cross training plan for standardized foodborne outbreak investigations
- Continued partnership with all internal divisions and programs to conduct epidemiology services internally
- GIS mapping
- Maintenance of Health Data Matters platform in partnership with Case Western Reserve University

Bioterrorism/Public Health Emergency Preparedness:

- Conducted planning, staffing, and coordination of 212 COVID-19 Vaccination PODs between 12/23/21 and 5/22/21 – Administering approximately 57,000 COVID-19 Vaccinations.
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- Activated two POD sites for facility setup drills managed by CDPH staff.
- Worked with regional and state partners to establish the “homebound vaccination protocol” to vaccinate homebound residents of Cleveland unable to receive vaccine at a central POD location. These practices will be refined further to integrate into future pandemic influenza and Medical Countermeasure (MCM) response plans.
- Created a mobile POD protocol vaccinate homebound residents of Cleveland in nursing homes and congregate care facilities. These practices will be refined further to integrate into future pandemic influenza and Medical Countermeasure (MCM) response plans.
- Revised a departmental incident command structure to accomplish more efficient, equitable and cost-effective use of city resources through partnerships with Public Safety, Department of Public Works, Mayor’s office of quality control and performance management, and the Cleveland department of ageing.
- Partnered with Case Western Reserve University to analyze epidemiological data to further target specific areas for vaccine administration.
- Performed multiple CodeRED notifications to create call lists for patient reminders as well as POD activation calls for staff.
- Participant in two special events emergency operations activations at the city emergency operations center
- Maintenance of the COOP plan
- Participant in local, regional, and statewide CRI planning initiatives

- Conducted four CodeRED test alerts
- Participant in 12 statewide and 12 regional MARCS radio drills
- Conducted two Point of Dispensing site activation drills
- Maintenance of annual public health emergency exercise and training plan
- Maintenance of the BioWatch Epidemiology Response Plan
- Maintained Ohio Public Health Analysis Network database
- Maintained and improved POD site data – increasing the number of PODs throughout by an additional 11 locations
- Participant in the establishment of Cuyahoga County Emergency Services Advisory Board Emergency Preparedness Subcommittee
- Multiple local, regional, and statewide presentations

Grant Amount: \$183,688.00 (each year) **Grant Term:**

July 1, 2021 - June 30, 2023

Funding Source: Public Health Emergency Preparedness (PHEP) Grant via Federal Government through Ohio Department of Health through Cuyahoga County Board of Health to the City of Cleveland Department of Public Health

PERSONNEL

Thomas Doot, Emergency Preparedness Project Dir. (0.5 FTE)	\$42,093.35
Katherine Lyden, Emergency Preparedness Specialist (0.5 FTE)	\$42,373.43
Disease Surveillance Specialist (Vacant) (1.0 FTE)	\$93,636.00
Razika Bouziani, Financial Coordinator (0.05 FTE)	\$3,881.44
TOTAL SALARIES & BENEFITS:	\$181,984.22

OTHER DIRECT COST

- 1. Travel/Training** \$ 1,703.78
 - In-State: \$1,703.78
 - For travel related to meetings and presentations for outbreak response, preparedness, and education@ .45/mile.

TOTAL OTHER DIRECT COST: \$1,703.78

TOTAL BUDGET: \$183,688.00 (each year)