



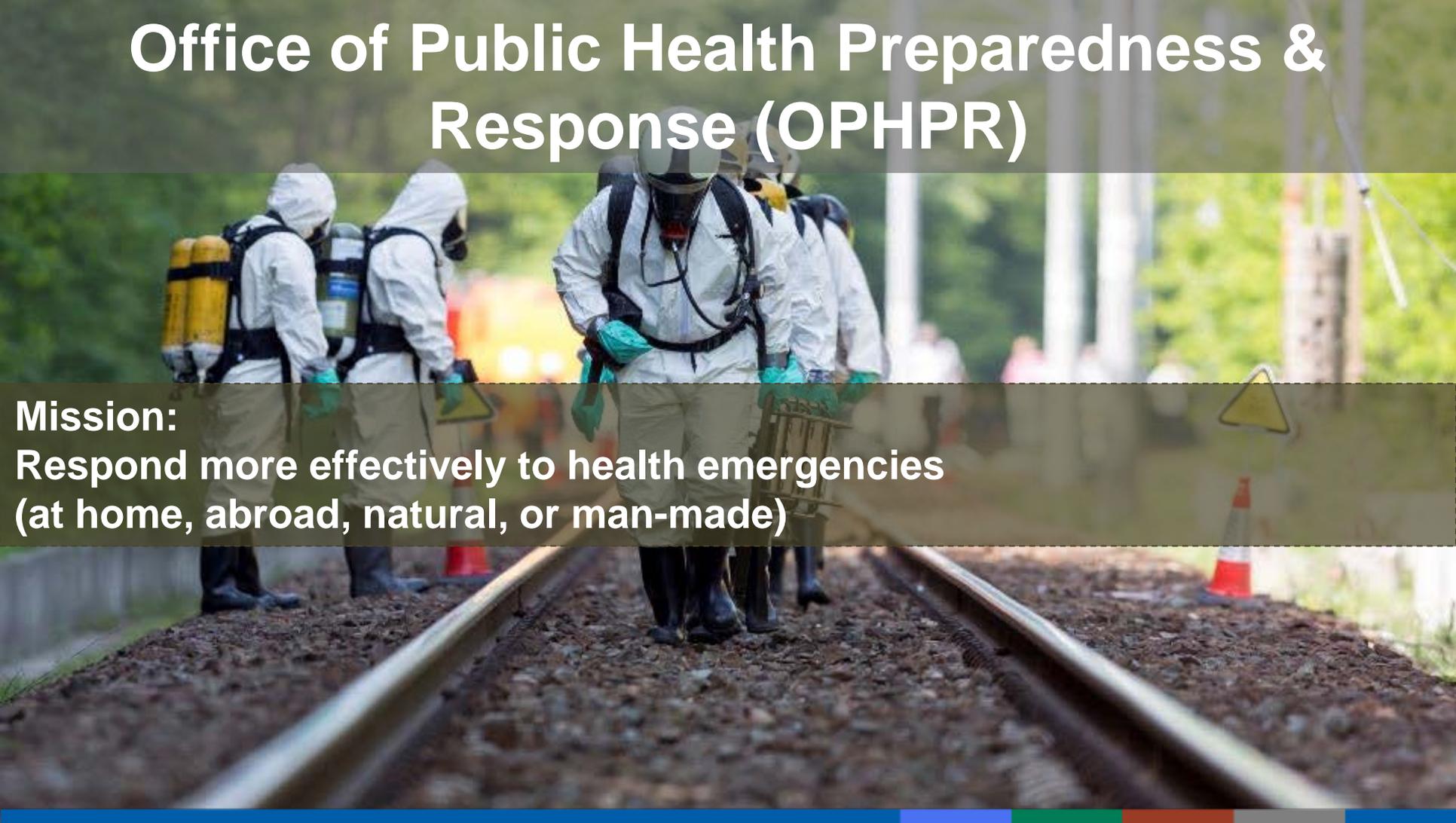
# Office of Public Health Preparedness and Response Overview

**Harald Pietz**

**Deputy Director, Division of State and Local  
Readiness**

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# Office of Public Health Preparedness & Response (OPHPR)

A group of individuals in full-body white protective suits, including hoods and respirators, are walking along a railway track. They are carrying large yellow and blue backpacks, likely containing decontamination equipment. The scene is outdoors with trees and utility poles in the background. The image is overlaid with a semi-transparent dark banner containing text.

**Mission:**  
Respond more effectively to health emergencies  
(at home, abroad, natural, or man-made)

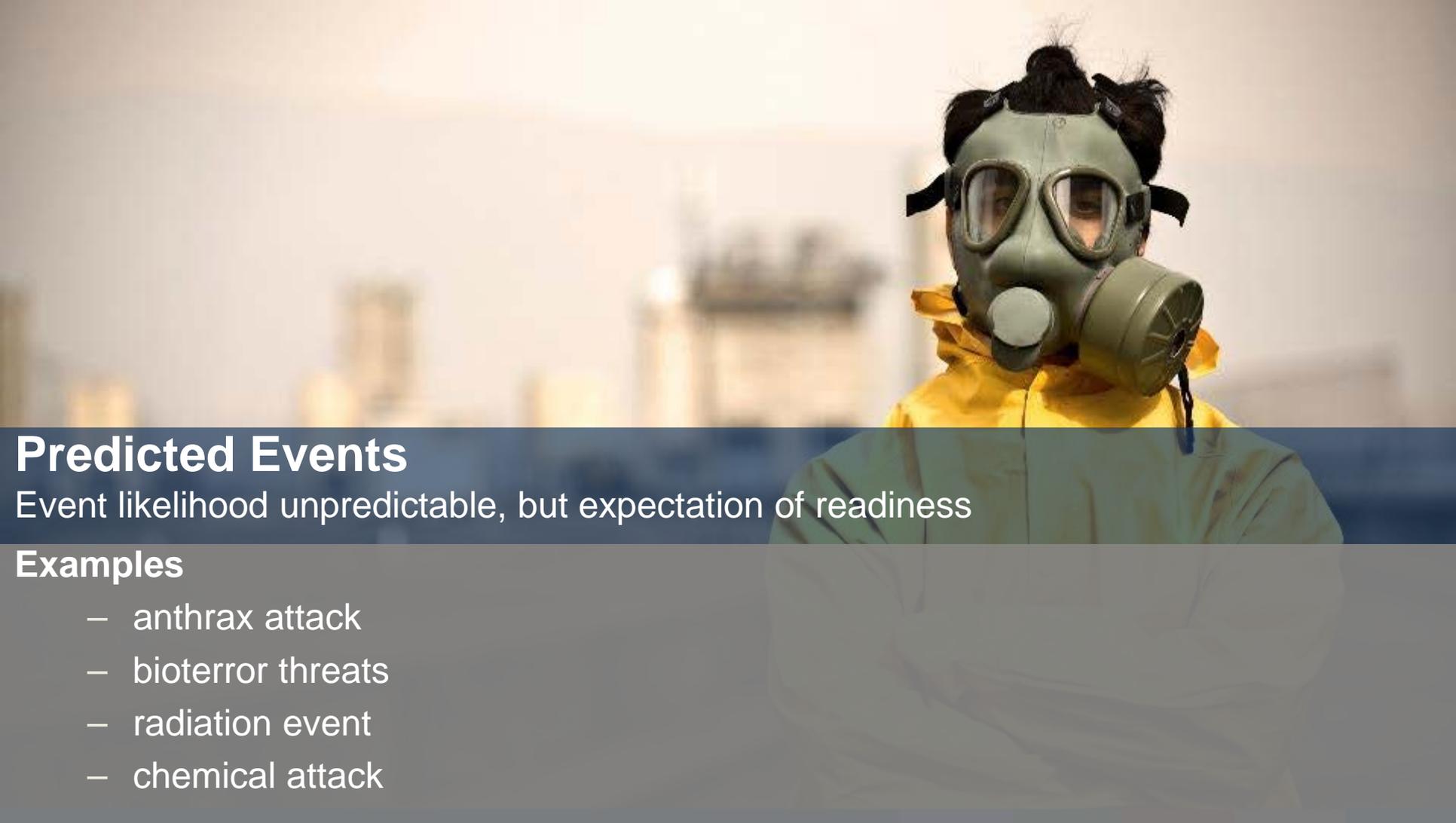


## Predictable Events

An event will occur, exact timing / magnitude unknown

### Examples

- Gulf Coast, East Coast → hurricanes
- Great Plains and Midwest → “Tornado Alley”
- California and West Coast → earthquakes and wildfires



## Predicted Events

Event likelihood unpredictable, but expectation of readiness

### Examples

- anthrax attack
- bioterror threats
- radiation event
- chemical attack

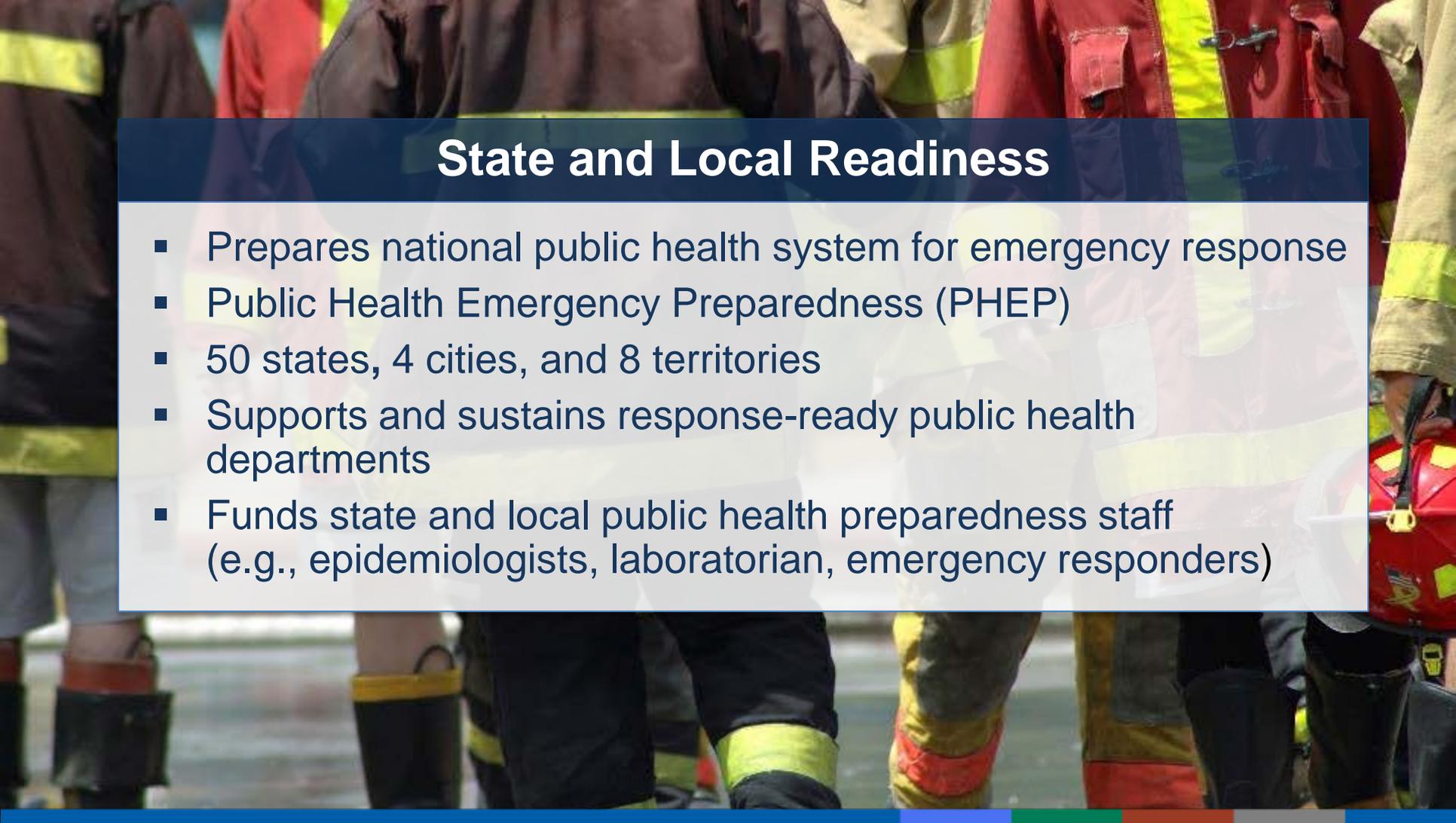


# Emerging Events

Event unexpected or without precedent

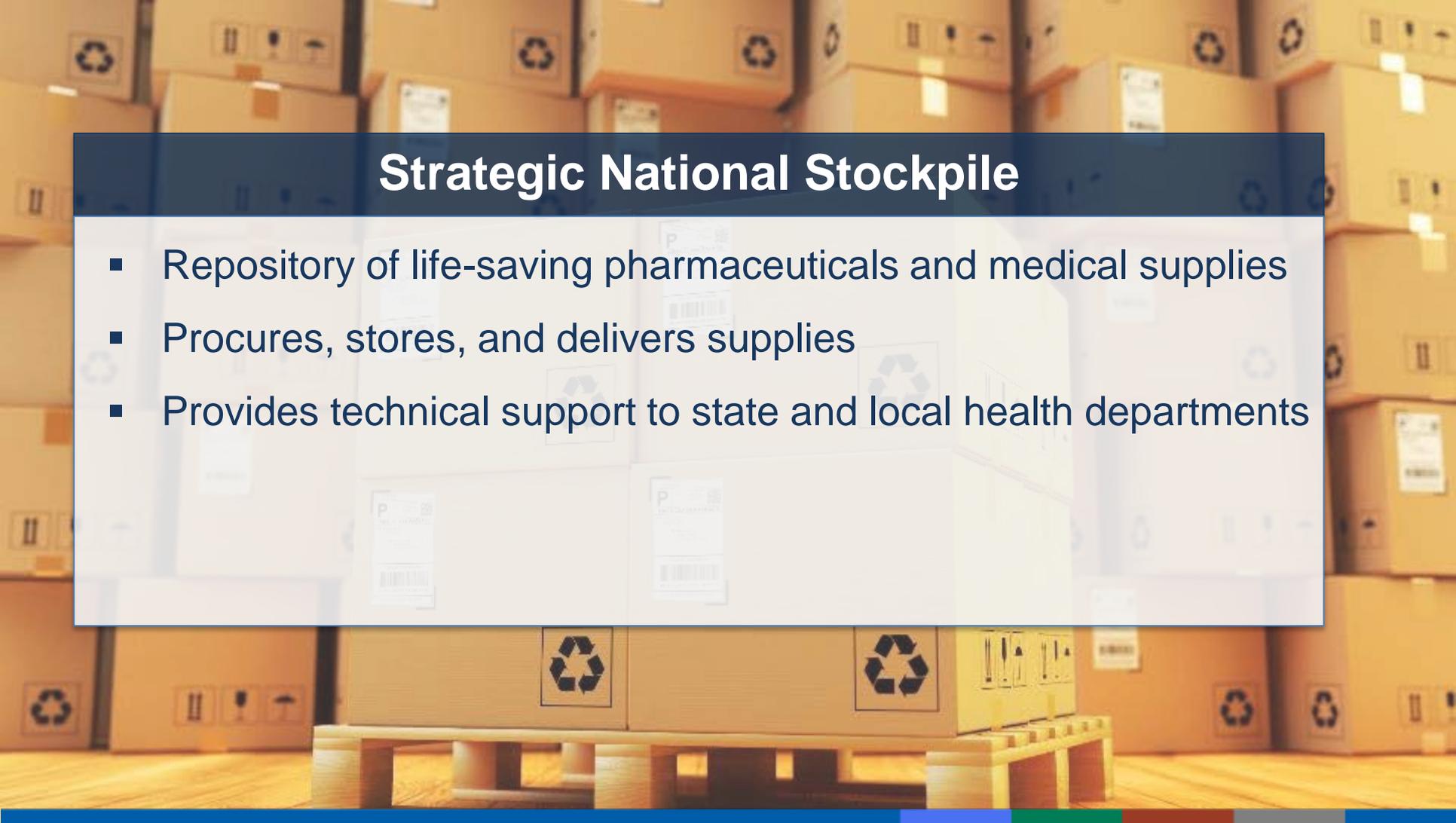
## Examples

- Ebola
- Zika
- SARS
- MERS-CoV
- Opioid epidemic

The background of the slide features a group of firefighters in their full gear, including helmets and jackets with reflective yellow stripes. The image is slightly blurred and serves as a backdrop for the text.

## State and Local Readiness

- Prepares national public health system for emergency response
- Public Health Emergency Preparedness (PHEP)
- 50 states, 4 cities, and 8 territories
- Supports and sustains response-ready public health departments
- Funds state and local public health preparedness staff (e.g., epidemiologists, laboratorian, emergency responders)



## Strategic National Stockpile

- Repository of life-saving pharmaceuticals and medical supplies
- Procures, stores, and delivers supplies
- Provides technical support to state and local health departments

## Select Agents and Toxins

- Regulates the possession, use, and transfer of select biological agents and toxins that threaten public health and safety
- 272 entities registered with Federal Select Agent Program (FSAP)\*
  - 234- Division of Select Agents and Toxins(DSAT) at CDC
  - 38- Agriculture Select Agent Services (AgSAS) at USDA
- Responsible for the Etiologic Agent Import Permit Program
  - Issue permits for the importation of agents, hosts, and vectors of human disease in the United States (e.g. 16 Zika specimens, 2017)

**BIOHAZARD**

# Emergency Operations Center

- Coordinates preparedness, assessment, response, recovery, and evaluation for public health emergencies
- Responsible for Emergency Operations Center (EOC)—command center for coordinating emergency responses
- EOC staffed 24/7/365 to provide worldwide situational awareness
- Central point of contact for state agencies reporting public health threats

# Safeguarding America from Health Threats

## CDC Public Health Responses

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Marburg Virus;  Hurricanes: <b>Katrina</b> , Rita, and Wilma	Mumps;  Tropical Storm Ernesto;  E. Coli Spinach/Botulism Carrot Juice;  E. coli;  Rhode Island Mycoplasma	XDR/MDR TB;  Hurricane Dean	Satellite Intercept;  Salmonella and E.Coli Outbreaks;  Hurricanes: Dolly, Gustav, Hanna, and Ike, Tropical Storm Edouard	Salmonella typhimurium Outbreak;  <b>H1N1 Influenza</b> ;  Biowatch;  Operation Earthquake;  Presidential Inauguration	NH Anthrax;  Haiti Earthquake;  Deepwater Horizon Oil Spill;  Haiti Cholera Outbreak	Japan Earthquake and Tsunami;  Hurricane Irene;  Polio Eradication Response (Polio)	Polio;  Multistate Meningitis Outbreak;	Avian Influenza H7N9 Response;  Middle East Respiratory Syndrome Coronavirus (MERS-CoV);  Multistate Cyclospora Outbreak;  Polio	MERS-CoV; Un-Accompanied;  <b>Ebola Response</b> ;  Polio	DoD Sample Investigation;  <b>Ebola Response</b> ;  Polio	<b>Ebola Response</b> ;  <b>Zika Virus Response</b>  Flint, Michigan Water Contamination Response;  Polio	<b>Zika Virus Response</b> ;  Polio



# Preparing for the Future

- **Different emergencies require different kinds of preparation**
  - Scenario specific readiness (predictable, predicted events)
  - Emerging events not expected, require ability to adapt
- **Basic steps similar in disparate types of events**
  - Characterize → Intervene (communicate) → Evaluate

# THANK YOU!

For more information, contact CDC  
1-800-CDC-INFO (232-4636)  
TTY: 1-888-232-6348 [www.cdc.gov](http://www.cdc.gov)

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

