



# Texas Public Health and Medical Emergency Response

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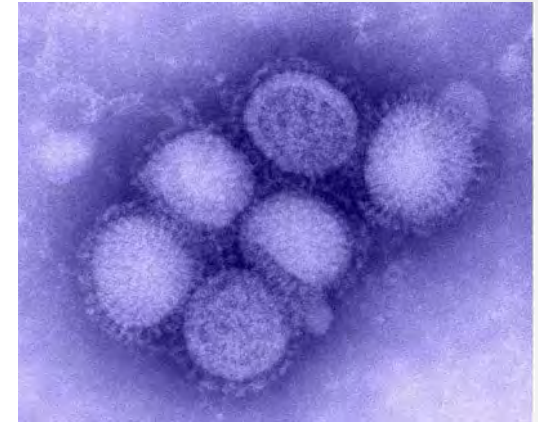
# 2008 – 2016 DSHS Emergency Responses

- 2016 Zika Cases
- 2014 Dallas Ebola Cases
- 2013 West Explosion
- 2012 West Nile Virus Outbreak
- 2011 Bastrop Wildfires
- 2009-10 H1N1 Pandemic Response
- Hurricane Alex
- Hurricane Dolly
- Hurricane Gustav
- Hurricane Ike
- Tropical Storm Eduard
- San Angelo: Yearning for Zion Ranch
- TB/Mumps/Measles Outbreaks
- Foodborne Outbreak Response: Peanuts, Tomatoes and Jalapeños
- Mercury in Skin Cream
- Monitored and responded to concerns:
  - BP Oil spill and Fukushima Daiichi radiation release in Japan



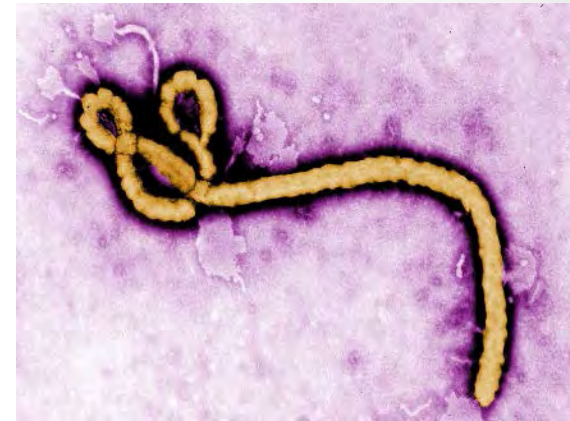
# Public Health Emergency Supplemental Funding

- 2009-2010 H1N1 Pandemic (\$100M)
  - \$93 million from the CDC and \$7 million from HHS/ASPR
  - Response activities including
    - Distribution of H1N1 vaccine and the Texas antiviral stockpile
    - Communication campaigns
    - Increased capacity for medical surge
    - Epidemiology, laboratory and surveillance.



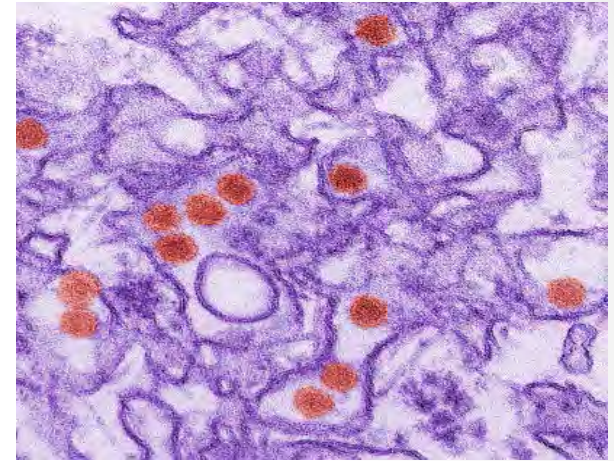
# Public Health Emergency Supplemental Funding

- 2014-2015 Ebola (\$22.5M)
  - \$9.2 million from Public Health Emergency Preparedness (PHEP) Ebola Supplemental Funding
  - \$7.8 million from Part A – Health Care System Ebola preparedness for state designated activities
  - \$3.25 million from Part B – Federal HHS Regional Network for Ebola Patient Care for the HHS Region 6
  - \$1.9 million from the Epidemiology and Lab Capacity Program



# Public Health Emergency Supplemental Funding

- 2016-2018 Zika (\$2.78M)
  - Public Health Preparedness and Response (PHPR) Cooperative Agreement for All-Hazards Public Health Emergencies: Zika 2016 (\$1.5M)
    - Public outreach
    - Workshops/Training
    - Exercises
    - Response team materials
  - Federal funds for surveillance for microcephaly and adverse birth outcomes related to Zika (\$720K)
  - Federal funds for epidemiology and laboratory capacity for Zika (\$563K)



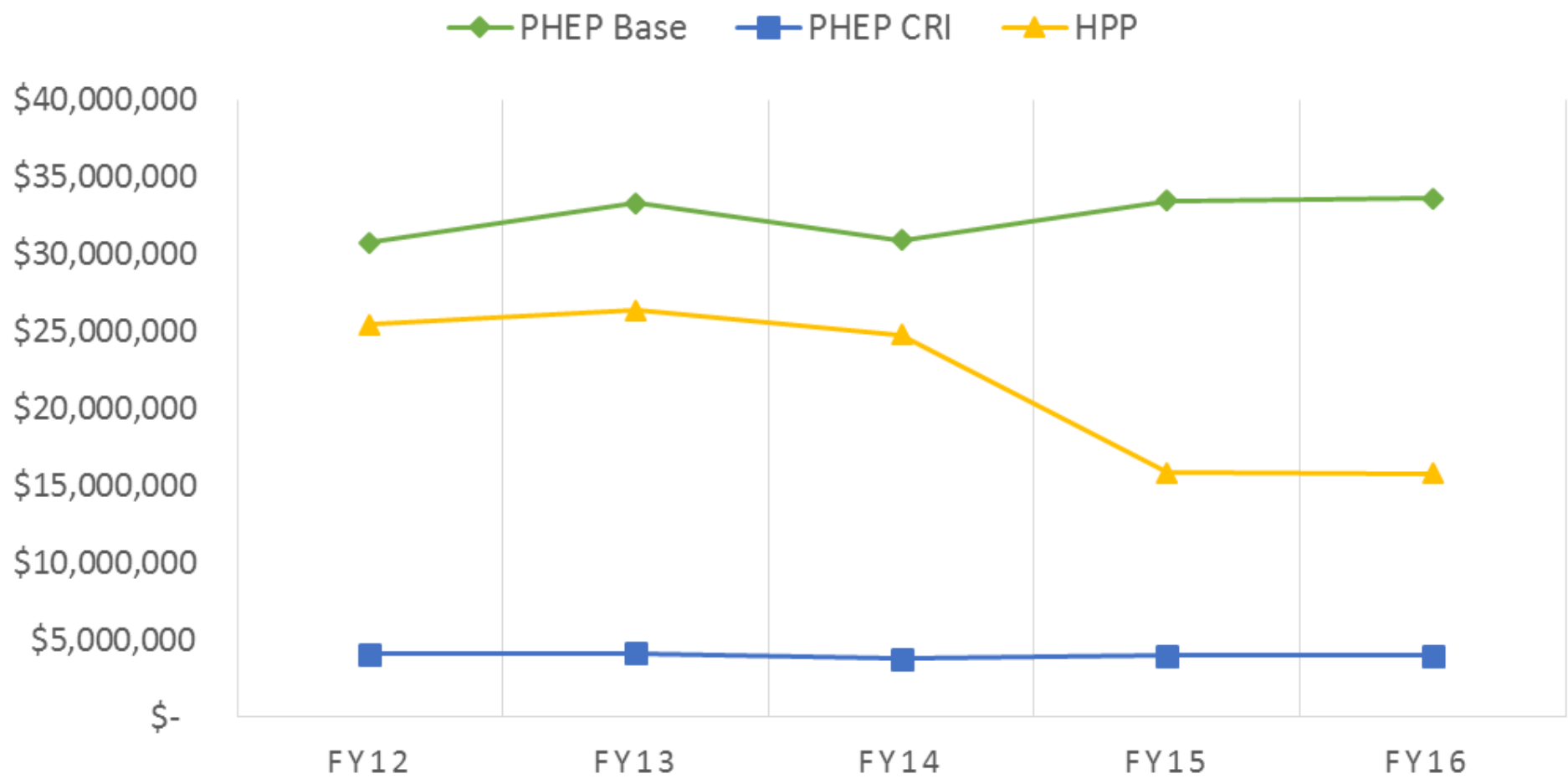
# Public Health Preparedness Capabilities Overview

Public Health Preparedness Capabilities		Healthcare Preparedness Capabilities	
1	<b>Community Preparedness</b>	1	Healthcare System Preparedness
2	<b>Community Recovery</b>	2	Healthcare System Recovery
3	<b>Emergency Operations Coordination</b>	3	Emergency Operations Coordination
4	Emergency Public Information and Warning	4	
5	<b>Fatality Management</b>	5	Fatality Management
6	<b>Information Sharing</b>	6	Information Sharing
7	Mass Care	7	
8	Medical Countermeasure Dispensing	8	
9	Medical Materiel Management and Distribution	9	
10	<b>Medical Surge</b>	10	Medical Surge
11	Non-Pharmaceutical Interventions	11	
12	Public Health Laboratory Testing	12	
13	Public Health Surveillance and Epidemiological Investigation	13	
14	<b>Responder Safety and Health</b>	14	Responder Safety and Health
15	<b>Volunteer Management</b>	15	Volunteer Management

# Public Health Emergency Preparedness (PHEP) and Hospital Preparedness Program (HPP) Funding Trends

<u>Funding Source</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
PHEP Base	\$30.8M	\$33.3M	\$30.9M	\$33.5M	\$33.6M
PHEP CRI	\$4.1M	\$4.1M	\$3.8M	\$3.9M	\$4.0M
HPP	\$25.5M	\$26.4M	\$24.8M	\$15.9M	\$15.8M
Total	\$60.4M	\$63.9M	\$59.6M	\$53.3M	\$53.5M

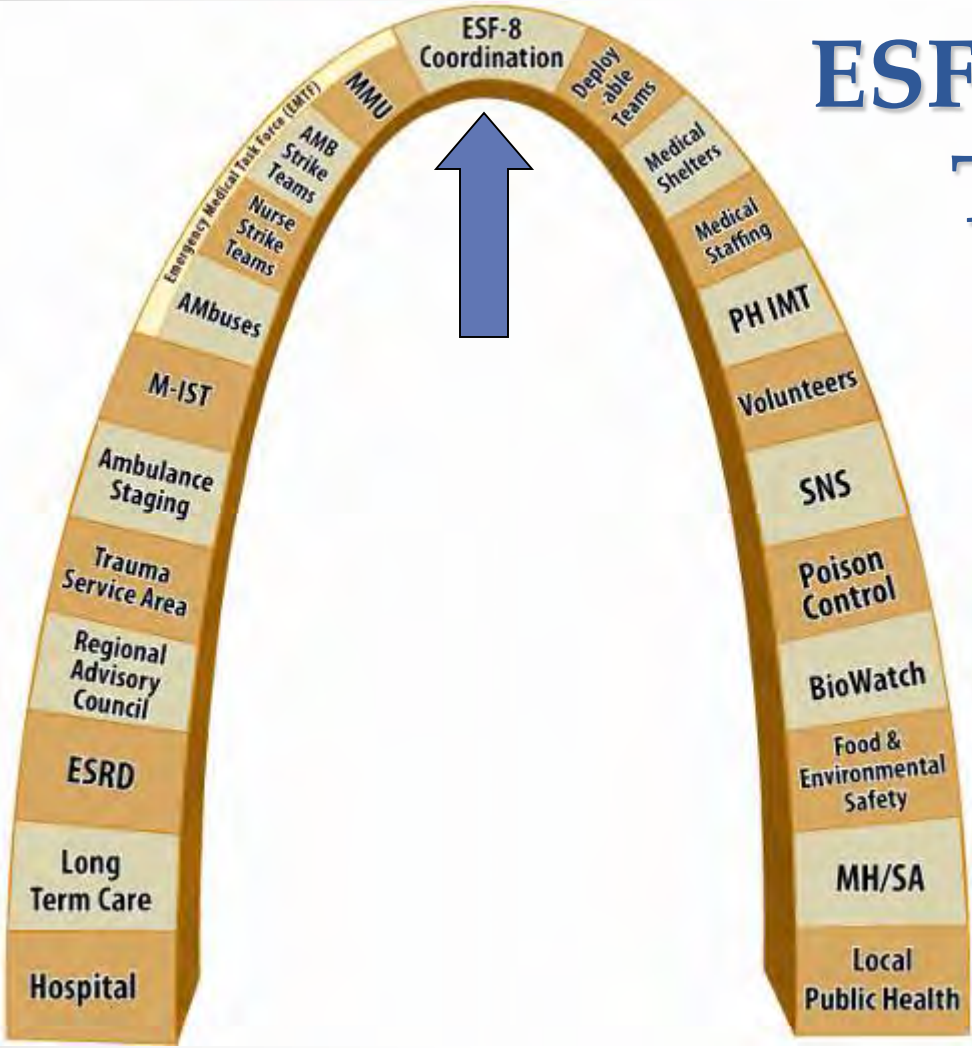
# Public Health Emergency Preparedness (PHEP) and Hospital Preparedness Program (HPP) Funding Trends







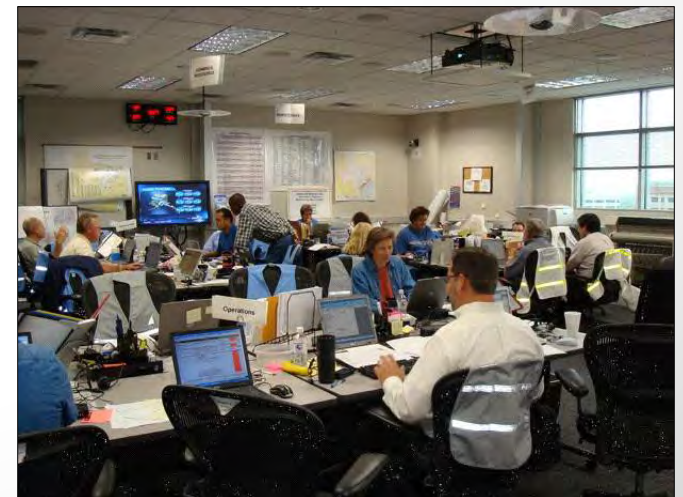
# ESF-8 Coordination: The Keystone



A collaboration of all public health and health care systems preparedness initiatives within Texas relating to the mitigation of, preparedness for, response to, and recovery from natural and man made disasters

# Emergency Resource Coordination

- Response and Recovery Unit
- 5 State Medical Operations Center (SMOC) Teams
- Contract Staffing Agencies
- Deployable Teams



# Resources

## Spectrum of Resources

- Equipment (e.g. AMBUS)
- Equipment with Crew (e.g. Mobile Medical Unit)
- Teams with Equipment (e.g. Ambulance Strike Teams)
- Persons with Skills (e.g. Physicians, Epidemiologists)



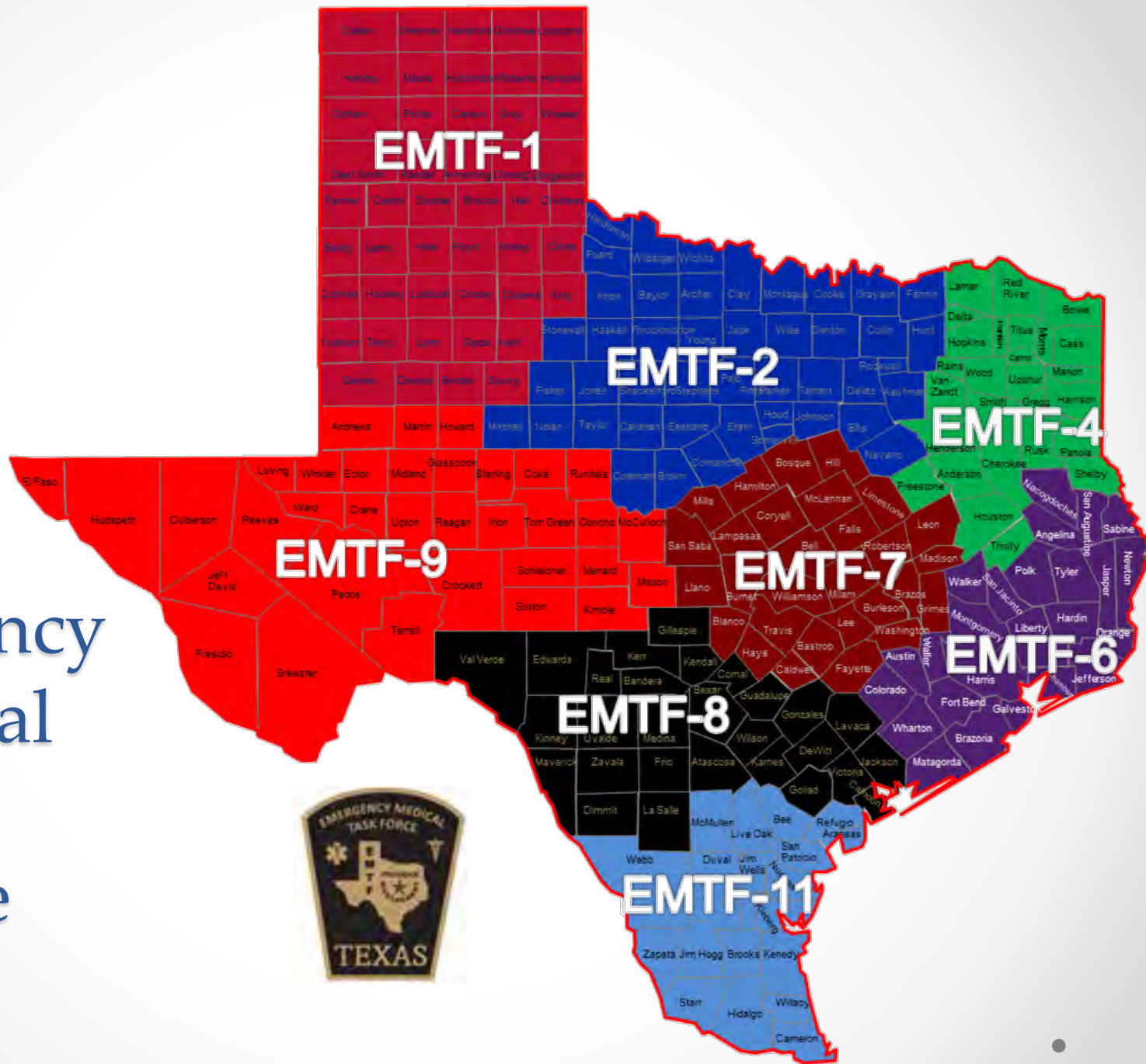
# Additional Resources

- Contingency Contracts
- Mobile Medical Units (MMU)
- IT-in-a-Box
- Medical Bus Kits
- PPE
- Antiviral Medications
- Infection Control Kits
- Medical Shelter Kits
- Medical Team Kits
- Response Trailers
- Bariatric Caches
- GIS Mapping





# Emergency Medical Task Force



# Texas Emergency Medical Task Forces (EMTFs)

