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

• 2016-2018 Zika ($2.78M)
  o 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
  o Federal funds for surveillance for microcephaly and adverse birth outcomes related to Zika ($720K)
  o Federal funds for epidemiology and laboratory capacity for Zika ($563K)
<table>
<thead>
<tr>
<th>Public Health Preparedness Capabilities</th>
<th>Healthcare Preparedness Capabilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Community Preparedness</td>
<td>1 Healthcare System Preparedness</td>
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<tr>
<td>2 Community Recovery</td>
<td>2 Healthcare System Recovery</td>
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<tr>
<td>3 Emergency Operations Coordination</td>
<td>3 Emergency Operations Coordination</td>
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<tr>
<td>4 Emergency Public Information and Warning</td>
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<tr>
<td>5 Fatality Management</td>
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<tr>
<td>6 Information Sharing</td>
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<tr>
<td>7 Mass Care</td>
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<tr>
<td>8 Medical Countermeasure Dispensing</td>
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<tr>
<td>9 Medical Materiel Management and Distribution</td>
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<td>10 Medical Surge</td>
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<td>11 Non-Pharmaceutical Interventions</td>
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<td>12 Public Health Laboratory Testing</td>
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<tr>
<td>13 Public Health Surveillance and Epidemiological Investigation</td>
<td>13</td>
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<td>14 Responder Safety and Health</td>
<td>14 Responder Safety and Health</td>
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<tr>
<td>15 Volunteer Management</td>
<td>15 Volunteer Management</td>
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</tbody>
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## Public Health Emergency Preparedness (PHEP) and Hospital Preparedness Program (HPP) Funding Trends

<table>
<thead>
<tr>
<th>Funding Source</th>
<th>FY12</th>
<th>FY13</th>
<th>FY14</th>
<th>FY15</th>
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<tbody>
<tr>
<td>PHEP Base</td>
<td>$30.8M</td>
<td>$33.3M</td>
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<td>PHEP CRI</td>
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<td>$4.1M</td>
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<td>$63.9M</td>
<td>$59.6M</td>
<td>$53.3M</td>
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</tbody>
</table>
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)