

Public Health Disaster Preparedness

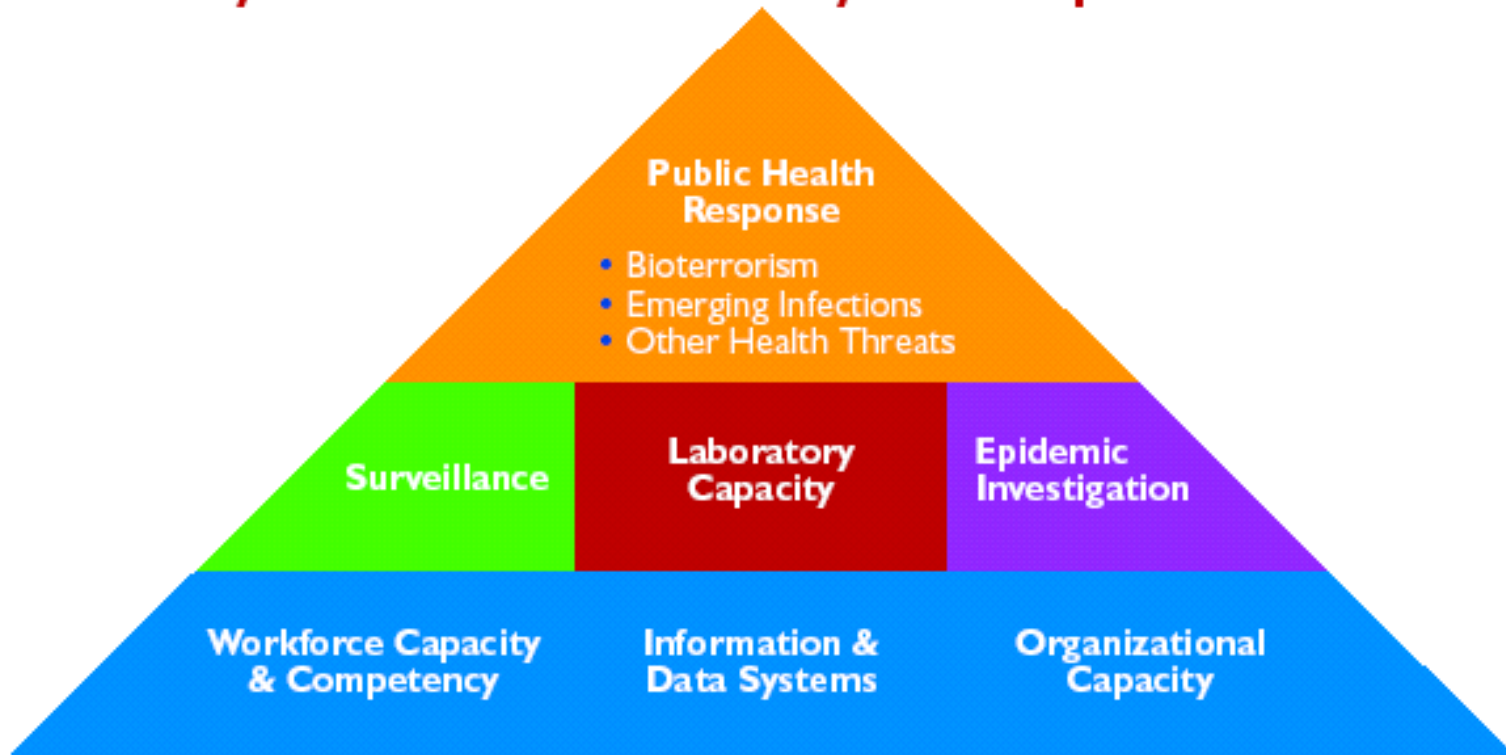
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Health Officer

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What is Public Health Emergency Preparedness?

Pyramid of Public Health System Preparedness



Source: Centers for Disease Control and Prevention

Pre-event Planning: Pandemic Flu or other Biologic Agent

Early Warning Systems

- Syndromic Surveillance through Essence
- Federal BioWatch program
- Robust Communicable Disease Program
- 911 Incident Calls/Response (EMS Duty Chief/Health Officer)
- Bio Hazard Defense System (BDS) – Anthrax Detection at Postal Distribution Center

Pre-event Planning

Laboratory Capacity

- PH Lab is a BioSafety Level-3 designated lab
- Tests for higher level agents such as anthrax, plague
- Regional lab for Santa Cruz, San Benito and Monterey Counties

Pre-Event Planning

Tools/ Equipment and Supplies

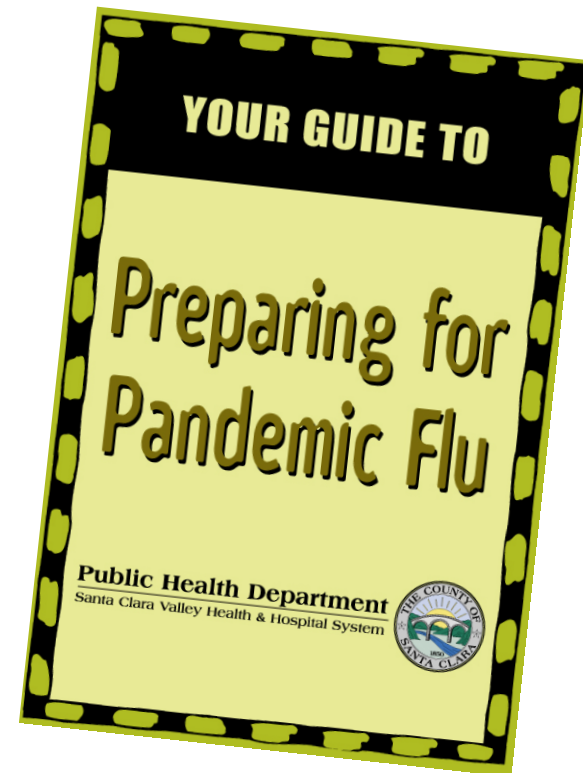
- Electronic Patient Tracking System (wireless scan-like FEDEX)
- Hospital Bed Availability (EMSystem)
- Radio Communications Networks
- Medical Health Operations Center (At Public Health)
- County Communications Center 24/7/365 Access
- Outbreak Response Kits
- Influenza Care Center Supplies (medical surge)
- Activation Kits for Points of Distribution (PODS)
- Pharmaceutical Cache

Pre Event Planning

Advance Practice Center Resources: 2004- Present

Toolkits:

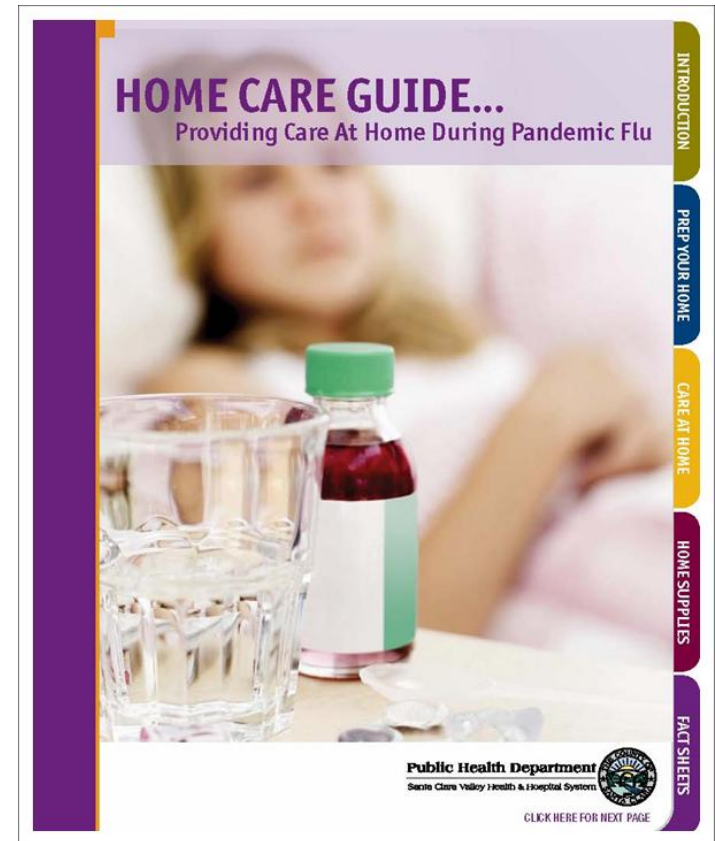
- Countywide Medical Response System
- Disease Detection and Investigation
- ESSENCE
- Hospital Surge Capacity
- Partnership and Collaboration
- Risk Communication and Public Education
 - Community training
 - Pocket guide: general disaster and pandemic flu
- Mass Fatality Management
- Mass Medical Care during Pandemic Flu
- Medical Volunteers for Disaster Response
- Pandemic Flu School Preparedness
- PH Workforce Training
- Dark Site
- Pandemic Flu CERT training



Pre-event Planning

Risk Communications

- Public education campaign
 - ◆ Home Health Guide
 - ◆ Pocket Guides
- Training to CBOs and other agencies
- CERC (Crisis Emergency Risk Communications) plan
 - ◆ Ready to go fact sheets
 - ◆ Dark Sites
 - ◆ JIC-Joint Information Center
- Strong partnership with Media



Pre-Event Training

Public Health Staff and First Responder Basic Training in:

- Standardized Emergency Management System (SEMS)
- National Incident Management System (NIMS) (IS-700, IS-800)
- Incident Command System (100, 200, 300, 400)
- Weapons of Mass Destruction Awareness (AWR-160)
- DSW awareness training
- Coordination of specialty training to First Responders (Hazardous Materials, Emergency Managers, EMTs, Fire/Paramedics, Law enforcement personnel)

Daily Emergency Response

Emergency Medical Services

- Daily response to 911 medical/health emergencies
- Field Treatment Sites (emergency trailers)
- Multiple Patient Management Plan
- Standard Dispatch Orders (Emergency Medical Contingency Actions)
- Medical-Health Mutual Aid Coordination to all cities, region, and throughout the state.
- Countywide hospital coordination.
- 24/7/365 On-Call Duty Chief

Daily Emergency Response

Medical Health Operational Area Coordinator

- Serves as the Medical Health Branch Coordinator at the Operational Area EOC (supported by EMS Agency).
- Coordination of all Medical/Health Resources in the County
- Serves as the health officer for each city in the County
- Fills regional medical health requests/brokers assistance to each city and throughout the region.
- 24/7/365 On-Call Health Officer

Response Planning

Health Care Surge

- SCC Pandemic Influenza Plan
- Pandemic Influenza Care Centers (ICCs)
- MVDR Program and DSWs
- Stockpile- Emergency Operations Warehouse
- Hospital treatment centers
- Points of Distribution (PODS) for Mass Prophylaxis

Response & Protection

Mitigation through Disease Control

- Physician Alert System
- Exposure reduction, social distancing
 - ◆ School and business preparedness
- Quarantine and Isolation
- Pharmaceutical and medical supply distribution
 - ◆ Mass vaccination
 - ◆ Mass prophylaxis plan
 - ◆ Receipt, Stage, Storage (RSS) warehouse operations
 - ◆ Priority prophylaxis to first responders



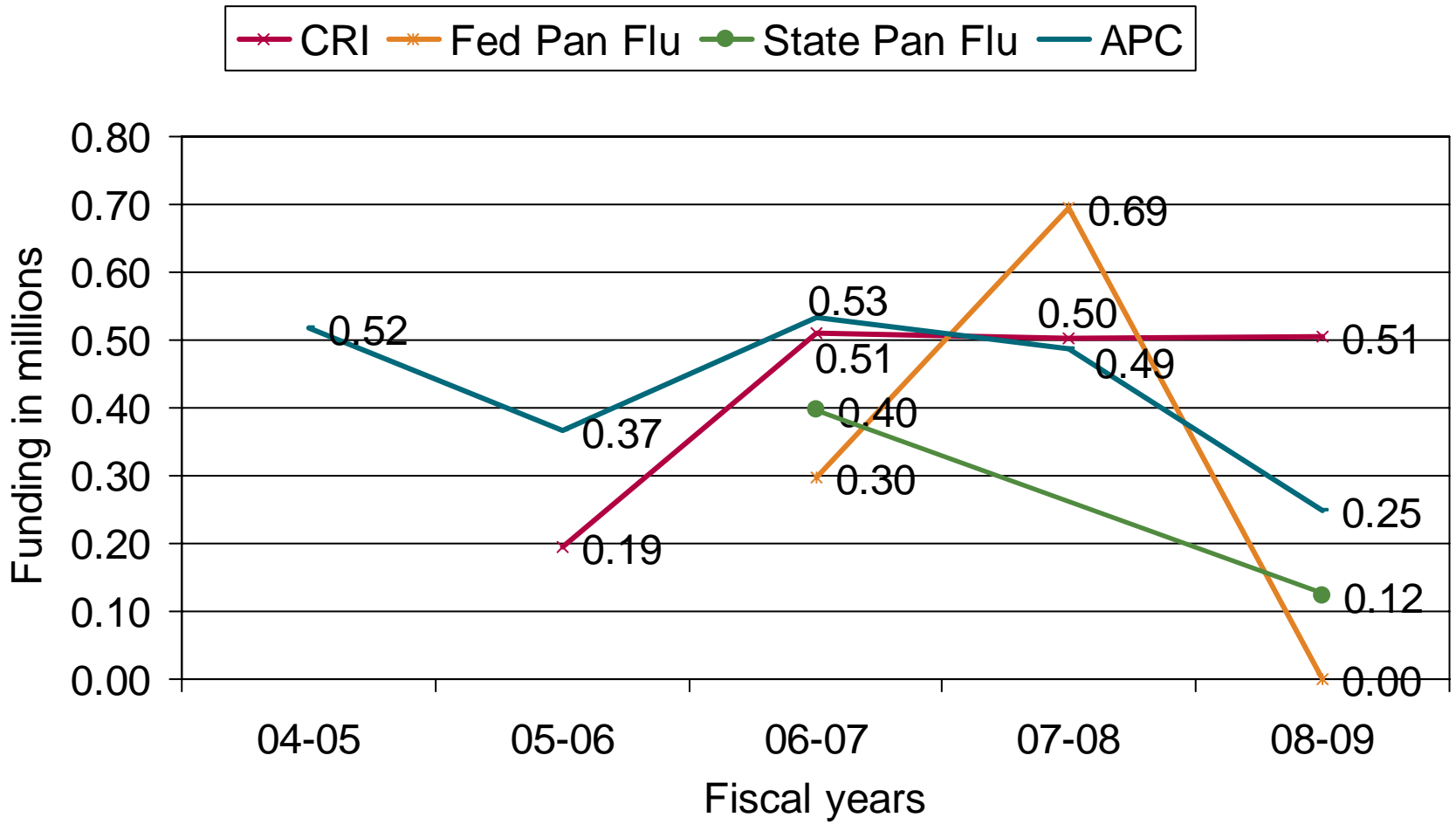
Mass Fatality Management Plan

- Nationally recognized toolkit
- Revision of County Specific plan in 2010
 - Partners include hospitals, clinics, ME/Coroner, private funeral home directors

Continuity of Operations Plans (COOP)

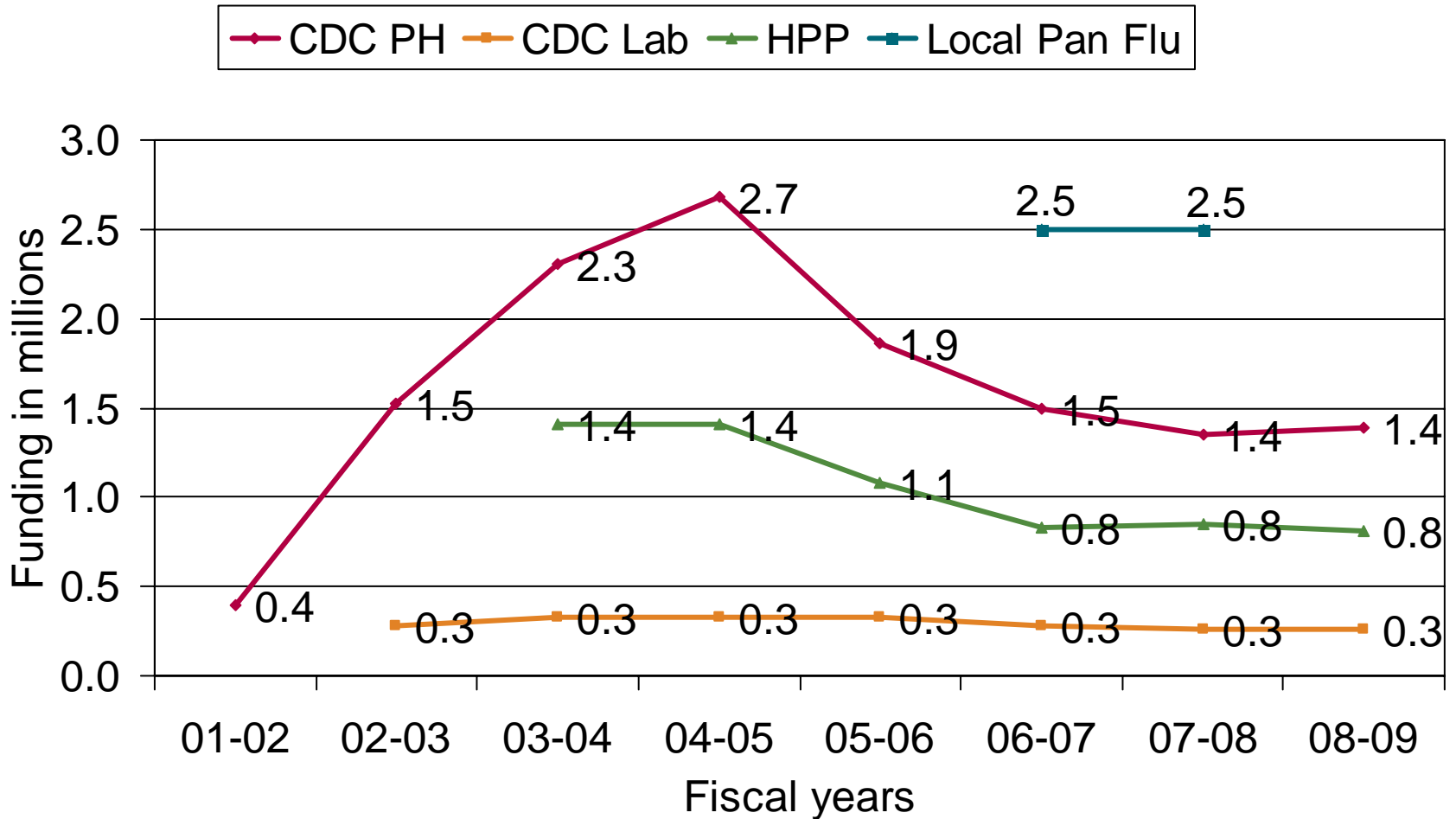
- Development of COOP
 - ◆ Initiative launched through Office of Emergency Services
- Pandemic Influenza Contingency Plan
- Assessment of how we will get back to normal operations planned for 2010

Program Funding, FY 2004-2009



Note: There was no funding for State Pan Flu program for FY 2007-08

Program Funding, FY 2001-2009



Public Health Department

Santa Clara Valley Health & Hospital System



Dedicated to the Health of the Whole Community