

Preparedness for IND Emergency Response

Institute of Medicine Workshop
August 7-8, 2008

John F. Brown MD MPA
San Francisco EMS Agency
Department of Public Health

EMS System Overview

- Advanced Life Support, tiered response system with 42 fire engines first response and 12 to 24 dynamically deployed fire ambulances accounting for 98% of 911 response
- Backup from 3 ALS and 3 BLS private and federal ambulance providers
- 98 total ambulances permitted in City and County of San Francisco, 56 ALS and remainder BLS
- 911 primary dispatch center with hot backup at 311 call taking center
- 70,000 EMS calls/year, 10 to 12 MCI's per year, 2 EOC activations per year

EMS System Overview



- Multi-casualty units
 - 1 complete
 - 1 being stocked
- Air Medical access
 - No hospital landing sites
 - 24 designated emergency air medical access sites
- Ferry access

Disaster Expansion Capabilities

- Conversion of alternate transportation vehicles
 - Buses
 - Caltrain
- Ambulance strike teams from region
- Coordination through MHOAC/RDMHC with state



Triage and Treatment Capabilities

- Triage using START and JumpSTART
- Protocols for special circumstances, including MMRS/CBRNE treatment and austere care (www.sanfranciscoems.org)
- Local cache of pharmaceuticals for CBRNE scenario treatment of 1000 victims
- Hospital policy requirements for 2 victim treatment

Triage and Treatment Capabilities

- Metropolitan Medical Response System enhancement of Field Response
- Use of Department Operations Centers and City Emergency Operations Center for Incident Support using ICS
- Extensive training and exercising of incident management personnel
- Some training and exercising of field providers

Addendum Slide 1

- Population of San Francisco:
 - 700,000 live in the City and County of SF
 - 1,300,000 are present during regular working hours
 - 6,900,000 approximate total population in the Bay Area (including the cities of San Francisco, San Jose, Oakland and surrounding counties)
- Land surface area: peninsula of approximately 47 square miles

Addendum Slide 2

- Ambulances all have a disaster kit capable of initial triage and treatment of 50 victims
- 4 of the 6 backup Advanced Life Support and Basic Life Support ambulance providers are based outside of SF and have additional, non-SF ambulances available
- Incident management exercises are conducted monthly; provider exercises approximately twice a year.