



# AHRQ Emergency Preparedness Resource Inventory (EPRI)

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Tom Rich  
Senior Associate  
Abt Associates Inc.



# Acknowledgements

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- Agency for Healthcare Research and Quality (AHRQ)
  - Dr. Sally Phillips, Project Officer
- ASPR and HRSA
- Project Steering Committee



# EPRI Goals

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- Enable regions to compile an inventory of critical resources using a public domain system
- Provide flexible access to inventory data via a web site
- Provide ability to make emergency requests and tabulate responses
  - What resources do you need?
  - What resources can you share?



# EPRI Background

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- Version 1 available on AHRQ web site since 2005
- Version 2 being pilot tested
  - Available Fall 2009

# EPRI Users and their Roles

**EPRI Owner** creates in EPRI:

- users and their roles
- resources to track
- locations providing data

**Data Providers:**

- supply inventory data
- respond to emergency requests

**EPRI  
Database**

**Data Consumers:**

- run reports (e.g., “who has what”)



# EPRI Inventory Structure

## ■ Resources

Resource Type (Examples)	Resources (Examples)
Hospital Beds	ICU Beds
Physicians	Trauma Surgeons
Antibiotics	Oral Cipro 500 Mg Doses

## ■ Locations

Location Type (Examples)	Locations (Examples)
Hospitals	Hospital ABC
Nursing Homes	Nursing Home XYZ
EMS Agencies	EMS Agency ABC

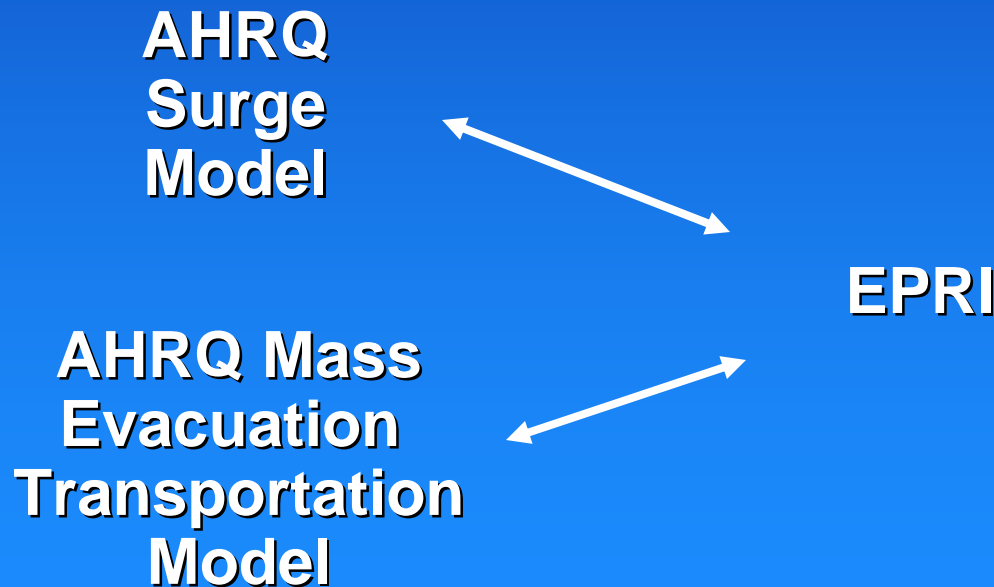
# Inventory Data Entry




Confirm All Teams/Equipment <input type="checkbox"/>	Total	Confirmed	Confirm Now
<b>Inpatient Beds</b>			
<u>Psychiatric beds</u>	<input type="text" value="2"/>	2/10/09 13:01	<input type="checkbox"/>
<u>Burn unit beds</u>	<input type="text" value="5"/>	10/06/08 14:16	<input type="checkbox"/>
CCU	<input type="text" value="6"/>	1/20/09 13:44	<input type="checkbox"/>
Emergency Department beds	<input type="text" value="7"/>	1/20/09 13:44	<input type="checkbox"/>
<u>ICU</u>	<input type="text" value="8"/>	10/06/08 14:16	<input type="checkbox"/>
<u>Med/Surg beds</u>	<input type="text" value="86"/>	10/06/08 14:16	<input type="checkbox"/>
NICU	<input type="text" value="2"/>	10/06/08 14:16	<input type="checkbox"/>
<u>Pediatric beds</u>	<input type="text" value="30"/>	10/06/08 14:16	<input type="checkbox"/>
<u>PICU</u>	<input type="text" value="2"/>	10/06/08 14:16	<input type="checkbox"/>
<b>Other Medical Equipment &amp; Supplies</b>			
Ventilators - pediatric	<input type="text" value="3"/>	2/10/09 13:01	<input type="checkbox"/>
Ventilators - adult	<input type="text" value="4"/>	10/06/08 14:16	<input type="checkbox"/>
Ventilators - neonatal	<input type="text" value="1"/>	10/06/08 14:16	<input type="checkbox"/>

# Gap Analysis with EPRI

**Resource Requirements vs. Resource Availability**





# Using EPRI to Obtain Facility Status

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- The requester...
  - creates an emergency request
  - sends the request to facilities
- The facility...
  - receives a notification of the request
  - logs into EPRI
  - responds to the request
- The requester...
  - monitors responses to the request within EPRI



# EPRI Pilot Tests

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- Northeast Central Ohio Region
- California Region III
- Healthcare providers in Nevada, Wisconsin, and California (pilot test with Centers for Medicare & Medicaid Services)



# For More Information

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- Contact information
  - Tom Rich
  - [tom\\_rich@abtassoc.com](mailto:tom_rich@abtassoc.com)
- AHRQ Public Health Emergency Preparedness Web Site
  - [www.ahrq.gov/prep](http://www.ahrq.gov/prep)