



# A National Perspective: Veterinary Disaster Response

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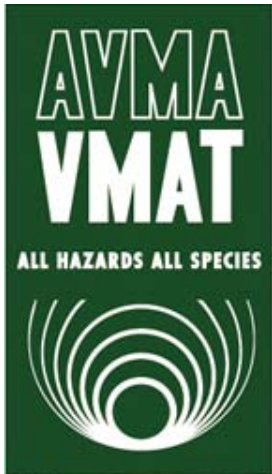
American Veterinary Medical Association

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American Veterinary Medical Foundation

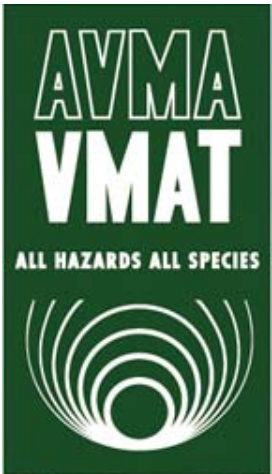


# Animal Issues are Public Health Issues

- Number of animals
  - 56% of U.S. households own at least 1 pet\*
  - Approximately 1.5 pets/household\*
- Significance of animals to people
  - Human-animal bond
  - Won't evacuate without their pets
- Livestock

\*Source: American Veterinary Medical Association:  
U.S. Pet Ownership & Demographics Sourcebook:  
Amer. Vet. Med. Assoc. 2012

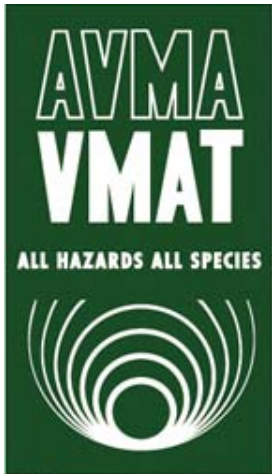




# Animal Concerns

- Shelter location and capacity
- Transportation
- Euthanasia protocol
- Care of injured and sick animals
- Identification of animals

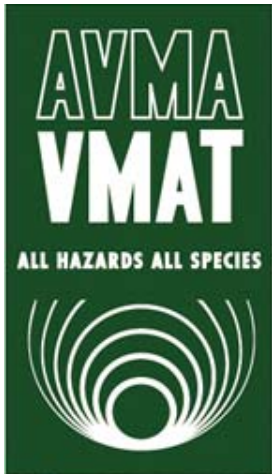




# Additional Animal Concerns

- Control of infectious disease
- Record keeping
- Donations
- Routine care including feeding, watering, walking
- Integration into overall emergency response plans





# Public Health Concerns

- Zoonotic diseases
- Volunteer coordination/ training/ credentialing
- Aggressive animals
- Dog and cat bites
- Emotional fatigue
- Potential for unknown contaminants/ PPE





# All Disasters are Local

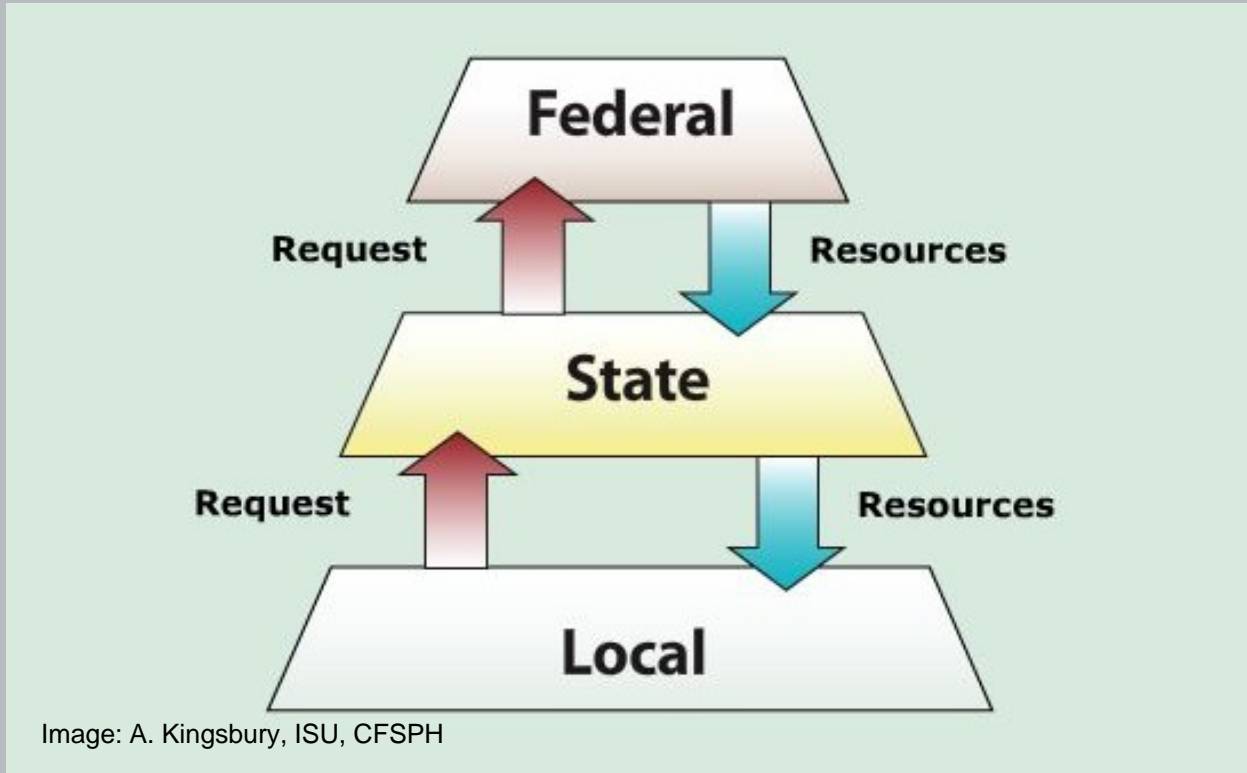


Image: A. Kingsbury, ISU, CFSPH



# Communicate & Coordinate

- Know your emergency manager and other response organizations
- Participate in planning
- Participate in training and exercises
- Identify stakeholders
- Identify resources





# Local Authorities

- Responsibilities defined by statute
- Emergency manager works with local agencies and organizations
- Local agencies include:
  - Animal control/law enforcement
  - Zoning/code enforcement
  - Public health agencies
  - Emergency management agencies

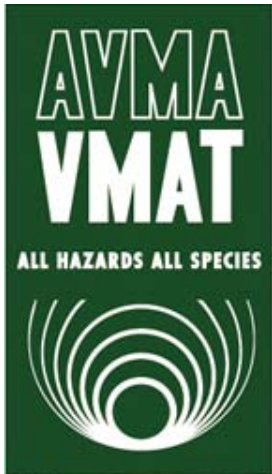




# Local Resources

- Local veterinarians/VMAs
- Local animal control
- CARTs
- Citizen Corps
- MRCs
- Local NGOs





# Local Stakeholders

- Emergency Management Agency
- Public Health Agency
- Environmental Health Agency
- Human Services/Housing authority
- University and/or Cooperative Extension
- Law Enforcement/Fire/EMS
- Animal Control/Animal Shelter
- Local Veterinary Medical Assn/Practitioners
- Local Livestock Industry Assn
- Voluntary Organizations
  - Local chapters: Red Cross, VOAD
- Citizen Corps Council
- Medical Corps Reserve Units
- Private Foundations
- Kennels and Animal Service Enterprises
- Animal feed and retail enterprises
- Concerned Citizens

Source: Animal Emergency Management Road Map: NASAAEP Preparedness and Resource Management Best Practices Working Group.





# Training

- Incident Command System (ICS)
  - All team members
  - Available online  
<https://training.fema.gov/is/>
    - ICS 100, ICS 200, ICS 700, ICS 800
    - IS-10.a Animals in Disasters: Awareness & Preparedness
    - IS-11.a Animals in Disasters: Community Planning
- Other Training
  - To team's mission





# All Disasters are Local

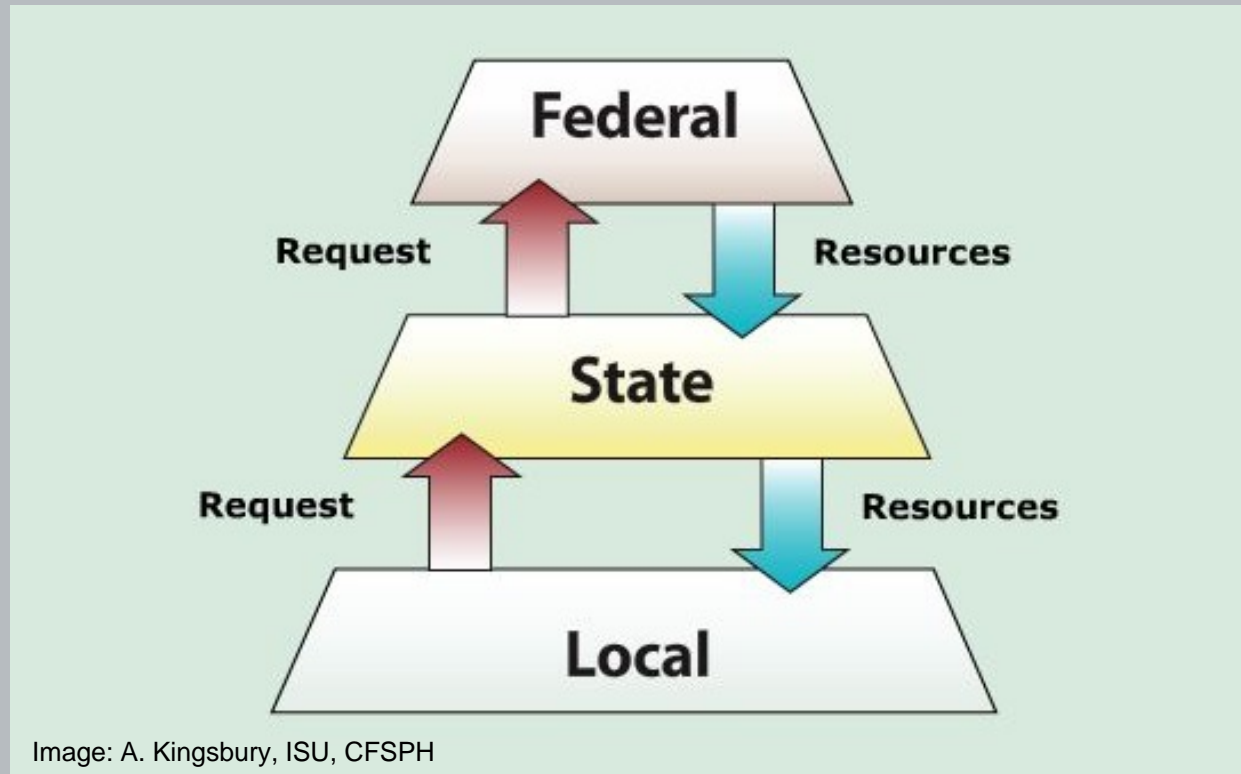


Image: A. Kingsbury, ISU, CFSPH



# State and Tribal Authorities

- Governor's office of emergency management
  - State Emergency Operations Plan (EOP)
- Responsible agency varies with state:
  - Emergency Management
  - Homeland Security

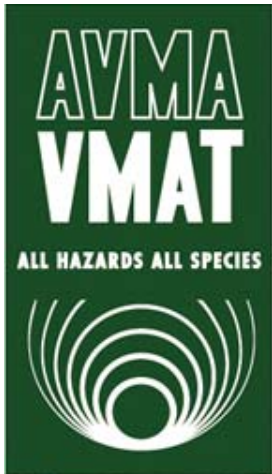




# State Agencies in Emergency Response

- State Department of Agriculture
- State Animal Health Official (State Vet)
- State Department of Homeland Security
- State Emergency Management Agency
- State Public Health Agency





# State Resources

## ○ State Agencies

- Dept. Agriculture
- Emergency Management
- State Animal Health Official

## ○ Other Resources

- SART
- VMRC
- Resources from other states (EMAC)
- NGOs
- State VMA
- Other state organizations
- **AVMA VMAT**





# All Disasters are Local

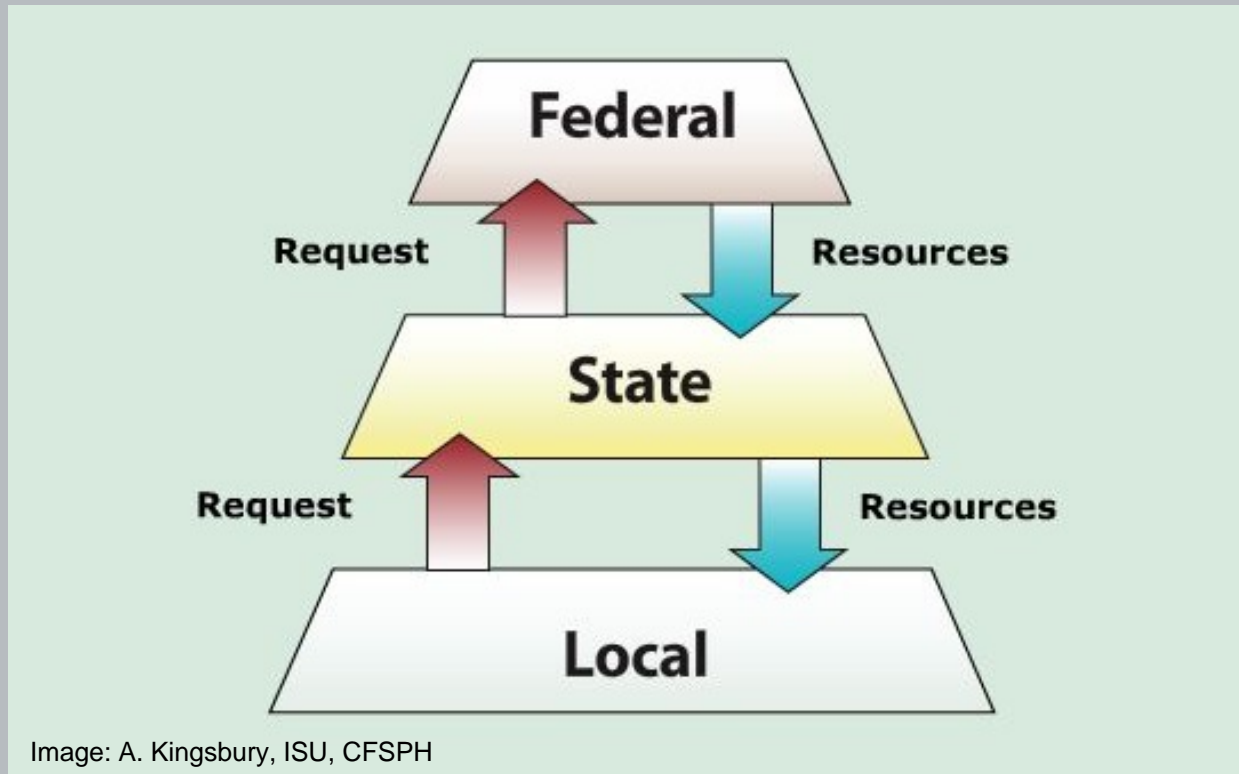


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# Federal Veterinary Resources

- National Veterinary Response Teams (NVRT)

- HHS

<http://www.phe.gov/Preparedness/responders/ndms/teams/Pages/nvrt.aspx>

- National Animal Health Emergency Response Corps (NAHERC)

- USDA

[www.naherc.aphis.usda.gov](http://www.naherc.aphis.usda.gov)





# Partnerships in Planning and Response

- USDA/APHIS/AC
- DHS/FEMA
- HHS
- NASAAEP
- Regional Alliances – MSP, SAADRA, MAAEMA
- NARSC
- AVMA & VMAT
- SARTS/CARTS
- Local NGOs





# National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP)

- Association of State-level programs
- Membership
  - Regulatory agencies (Agriculture, Public Health)
  - Emergency Management
  - SART & VMRC-type programs, NGOs
- Forum for communication, information-sharing and consensus among states
- Best Practices Library [www.nasaaep.org](http://www.nasaaep.org)





# Questions?

**Thank You!**

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American Veterinary Medical Foundation