



FEMA

U.S. Department of Homeland Security  
Federal Emergency Management Agency

# Typed Resource Definitions

## Animal Health Resources



FEMA 508-1

May 2005



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Background	The National Mutual Aid and Resource Management Initiative supports the National Incident Management System (NIMS) by establishing a comprehensive, integrated national mutual aid and resource management system that provides the basis to type, order, and track all (Federal, State, and local) response assets.
Resource Typing	For ease of ordering and tracking, response assets need to be categorized via resource typing. Resource typing is the categorization and description of resources that are commonly exchanged in disasters via mutual aid, by capacity and/or capability. Through resource typing, disciplines examine resources and identify the capabilities of a resource's components (i.e., personnel, equipment, training). During a disaster, an emergency manager knows what capability a resource needs to have to respond efficiently and effectively. Resource typing definitions will help define resource capabilities for ease of ordering and mobilization during a disaster. As a result of the resource typing process, a resource's capability is readily defined and an emergency manager is able to effectively and efficiently request and receive resources through mutual aid during times of disaster.
Web Site	For more information, you can also refer to the National Mutual Aid and Resource Management Web site located at: <a href="http://www.fema.gov/nims/mutual_aid.shtm">http://www.fema.gov/nims/mutual_aid.shtm</a> .
Supersedure	This document replaces the Animal health resource definition section in <i>Resource Definitions</i> , dated September 2004
Changes	Document is reformatted. Content is unchanged.



# Table of Contents

<b>Background.....</b>	<b>2</b>
<b>Resource Typing .....</b>	<b>2</b>
<b>Web Site .....</b>	<b>2</b>
<b>Supersedure.....</b>	<b>2</b>
<b>Changes .....</b>	<b>2</b>
Animal Protection: Large Animal Rescue Strike Team.....	4
Animal Protection: Large Animal Sheltering Team.....	9
Animal Protection: Large Animal Transport Team.....	11
Animal Protection: Small Animal Rescue Strike Team .....	12
Animal Protection: Small Animal Sheltering Team .....	16
Animal Protection: Small Animal Transport Team.....	18
Incident Management Team Animal Protection.....	19

RESOURCE:		Animal Protection: Large Animal Rescue Strike Team					
CATEGORY:	Animals and Agriculture Issues			KIND:	Team		
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III		TYPE IV	OTHER
COMPONENT	METRIC						
Personnel	Number of People Per Response	6 member team consisting of: 1 team leader 5 team members					
Personnel	Team Deployment Duration	7 days on rotation. Minimum of three teams should be deployed for 24-hour rescue, one team per 8-hour shift					
Vehicle	Occupants	3 vehicles: 2 persons per vehicle					
Equipment	Each vehicle should be equipped with, but not limited to, basic animal capture equipment	Small and large live traps (1 each) 2 catch poles Leashes (slip leads and clip) Stretcher ID bands Collars and ID tags Cages, carriers, and cardboard cat transports (at least 1 per animal) Appropriately graded NFPA or Cordage Institute Ropes Industrial Lighting Systems and Batteries: (Flashlights to Floodlighting) Barricade tape Maps of areas to be serviced Team communication device (for each team vehicle) (two-					

RESOURCE:		Animal Protection: Large Animal Rescue Strike Team				
CATEGORY:	Animals and Agriculture Issues			KIND:	Team	
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
		way handheld radios with 3-mile transmitting radius) Home base communication device (for each vehicle) (two-way radios capable of transmitting the required distance) Cell phone with extra batteries/remote chargers Human First Aid kit Emergency Euthanasia Options (Gunshot/Chemical/Physical) Animal Rescue Request forms Animal Impoundment forms Radio/Activities Log form Pens, pencils, permanent markers, paper Clipboards Plastic garbage bags (for bodies)				
Equipment	Personal Protection	Appropriate Nomex and wildfire survival gear (must be NFPA approved) High-visibility vest Gloves (bite/welding gloves and work gloves) Properly fitted boots (applicable to situation) Properly fitted PFD with rescue hookup Properly fitted helmet				

RESOURCE:		Animal Protection: Large Animal Rescue Strike Team				
CATEGORY:	Animals and Agriculture Issues			KIND:	Team	
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
		(climbing and/or hard hat) Properly fitted goggles Wetsuit or Drysuit Appropriately graded NFPA or Cordage Institute ropes Flashlight with extra batteries Dust mask/respirator Rain gear Hat for sun protection Water/snacks Good Protective Gloves (appropriate types for water and heavy debris) Good Protective Boots (fire response requires all leather) Quiet clothing materials and attachments: Avoid Velcro Personal Basic Livestock Kit, including halter, lead shank, 20-foot rescue rope Appropriate Nomex protective gear and shelters Materials for head covers, pressure mats/cushions, ear plugs Emergency Euthanasia Option (gunshot/chemical) Other items from the HSUS's equipment list that may be applicable to the situation at hand				

RESOURCE:		Animal Protection: Large Animal Rescue Strike Team				
CATEGORY:	Animals and Agriculture Issues			KIND:	Team	
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
Personnel	Team member training requirements	Swift Water Rescue Basic Course HSUS/ARC Animal First Aid Course Certified Knot and Mechanical Advantage Training Wildland Fire Training S130 and S190 Emergency Euthanasia Training/Certification FEMA/EMI Independent Study Course: IS-195 Basic Incident Command FEMA/EMI Independent Study Course: IS-10 Animals in Disaster – Module A, Awareness and Preparedness FEMA/EMI Independent Study Course: IS-11 Animals in Disaster – Module B, Community Planning Technical Animal Rescue Training (Code 3 Associates or other approved training source) 5 years of professional animal care/control/capture experience FEMA Livestock in Disasters Correspondence CODE III Big Useful Livestock Lessons (BULL)				

RESOURCE:		Animal Protection: Large Animal Rescue Strike Team				
CATEGORY:	Animals and Agriculture Issues		KIND:	Team		
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
		Equine Cruelty or Rescue Short Course  Proper Tailoring and Trailer Extraction Training				
Personnel	Team leader Training	Should have additional training and/or experience in supervision/management level animal care/control/capture				
Equipment	Personal Maintenance Equipment	Personal Toiletries  Seasonal Clothing  Rx medications  Sunscreen  Other items from the HSUS's suggested list				
COMMENTS:	This six-member team should be capable of completing an average of one rescue every 30 minutes in a suburban setting and one rescue every hour in rural settings. These times would be semi-dependent on uncontrollable factors such as terrain, weather, road conditions, and distance between rescue sites. Number of teams ordered will be based on number of rescues anticipated. Team members should not show up for a disaster wearing camouflage gear. Camouflage gear not only complicates matters if the person needs to be found, but blends in with other response personnel, such as the National Guard. Suggested clothing: Carhart bib overalls. They are indestructible and will protect from bites, scratches, scrapes, and abrasions.					

RESOURCE:		Animal Protection: Large Animal Sheltering Team					
CATEGORY:	Animals and Agriculture Issues			KIND:	Team		
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III		TYPE IV	OTHER
COMPONENT	METRIC						
Personnel	Number of People Per Response	22-person response team to set up and run a small animal shelter, consisting of:  1 supervisor 3 team leaders 18 members for 3 shifts 1 veterinarian/veterinarian technician	5-person response team to advise and support local efforts to set up a small animal shelter with the goal for the locals to operate the shelter consisting of:  1 supervisor: organize and plan 1 shelter manager: oversee shelter set up 3 team members 1 admin/finance team member, tracking animals coming in and logging out 1 shelter operations member reporting to shelter manager 1 logistics team: get equipment and supplies for shelter member  All team members work with and train local resources  Shelter manager will assign tasks to local shelter workers	2-person advisory team to support local efforts to set up a small animal shelter			
Personnel	Minimum deployment	7 days	5 days	5 days			
Equipment		Same as Type II plus:  Equine and livestock handling equipment (ropes, halters, leads)  Basic veterinary and medical supply kit, refer to American Red Cross/HSUS list	Radio/walkie-talkie system; Cell phones; Pagers; Laptops; Base station; Fresh batteries; Administration/management kit with forms; Documents; Plans; SOPs; Manuals; Office supplies  Basic large animal handling	Basic communication (cell phones) equipment; Laptop; Forms; SOPs			

RESOURCE:		Animal Protection: Large Animal Sheltering Team				
CATEGORY:	Animals and Agriculture Issues			KIND:	Team	
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
		Portable pens and corrals for livestock	equipment and supplies (ropes, halters, leads)			
Vehicle		1 1-ton, 4x4 pickup with goose neck and other hitches 1 box trailer (10,000 lbs GVW) 1 SUV for personnel Plus other four-wheel-drive vehicles	2 large vehicles with four-wheel-drive for supplies	1 vehicle for transport		
Personnel	Training and Experience	FEMA EMI/IS classes in Emergency Preparedness; Basic ICS; Animals in Disaster; Module A & B; Livestock in Disasters  First Aid/CPR course for large animals (taught by veterinarians, equestrian centers, American Red Cross, HSUS)  Full-day emergency animal shelter course  Minimum of 2 years of large animal handling and operations experience  Crisis animal behavior training as a separate course or as a part of other training course	Same as Type I	Same as Type II		
Personnel	Lead Time to Deploy	Minimum 72 hours	Minimum 24 hours	Maximum 24 hours		
<b>COMMENTS:</b>	"Large animal" refers to horses and livestock. Local volunteers can support all types for shelter teams. No sheltering for exotic animals.					

RESOURCE:		Animal Protection: Large Animal Transport Team				
CATEGORY:	Animals and Agriculture Issues			KIND:	Team	
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
Personnel	Number of People Per Response	5-person, consisting of: 1 team leader 4 members 1 veterinarian on call				
Personnel	Deployment	Can be deployed for a minimum of 5 days				
Equipment		Radio/walkie-talkie system cell phones; Pagers; Laptops; Base station; Fresh batteries; Administration/management kit with forms; Documents; Plans; SOPs; Manuals; Office supplies				
Vehicle		2 1-ton 4x4 pickups with 10,000 lbs GVW towing capacity 1 SUV 2 livestock trailers				
Personnel	Training	FEMA EMI/IS classes in Emergency Preparedness; Basic ICS; Animals in Disaster; Module A & B; Livestock in Disasters				
<b>COMMENTS:</b>						

RESOURCE:		Animal Protection: Small Animal Rescue Strike Team				
CATEGORY:	Animals and Agriculture Issues		KIND:	Team		
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
Personnel	Number of People Per Response	6-member team consisting of: 1 team leader 5 team members				
Personnel	Deployment Duration	7 days on rotation; A minimum of 3 teams should be deployed for 24-hour rescue, 1 team per 8-hour shift				
Vehicle		3 vehicles – 2 persons per vehicle				
Equipment	Each vehicle should be equipped with basic animal capture equipment, including, but not limited to:	Small and large live traps (1 each) 2 catch poles Leashes (slip leads and clip) Stretcher ID bands Collars and ID tags Cages, carriers, and cardboard cat transports (at least 1 per animal) Appropriately graded NFPA or Cordage Institute ropes Industrial Lighting Systems and Batteries: (Flashlights to Floodlighting) Barricade tape Maps of areas to be serviced Team communication device (for each team vehicle) (two-way handheld radios with 3-mile transmitting radius) Home base communication				

RESOURCE:		Animal Protection: Small Animal Rescue Strike Team				
CATEGORY:	Animals and Agriculture Issues		KIND:	Team		
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
		device (for each vehicle) (two-way radios capable of transmitting the required distance) Cell phone with extra batteries/remote chargers Human First Aid kit Emergency Euthanasia Options (gunshot/chemical/physical) Animal Rescue Request forms Animal Impoundment forms Radio/Activities Log form Pens, pencils, permanent markers, paper Clipboards Plastic garbage bags (for bodies)				
Personnel	Personal Protection	Appropriate Nomex and wildfire survival gear (must be NFPA approved) High-visibility vest Gloves (bite/welding gloves and work gloves) Properly fitted boots (applicable to situation) Properly fitted PFD with rescue hookup Properly fitted helmet (climbing and/or hard hat) Properly fitted goggles				

RESOURCE:		Animal Protection: Small Animal Rescue Strike Team				
CATEGORY:	Animals and Agriculture Issues		KIND:	Team		
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
		Wetsuit or drysuit Appropriately graded NFPA or Cordage Institute ropes Flashlight with extra batteries Dust mask/respirator Rain gear Hat for sun protection Water/snacks Other items from the HSUS's equipment list that may be applicable to the situation at hand				
Personnel	Team member training requirements:	Swift Water Rescue Basic Course HSUS/ARC Animal First Aid Course Certified Knot and Mechanical Advantage Training Wildland Fire Training S130 and S190 Emergency Euthanasia Training /Certification FEMA/EMI Independent Study Course: IS-195 Basic Incident Command FEMA/EMI Independent Study Course: IS-10 Animals in Disaster – Module A, Awareness and Preparedness FEMA/EMI Independent Study Course: IS-11 Animals				

RESOURCE:		Animal Protection: Small Animal Rescue Strike Team				
CATEGORY:	Animals and Agriculture Issues			KIND:	Team	
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
		in Disaster – Module B, Community Planning  Technical Animal Rescue Training (Code 3 Associates or other approved training source)  5 years of professional animal care/control/capture experience				
Personnel	Team leader additional training and/or experience:	Supervision/ management level animal care/ control/ capture				
Personnel	Personal Maintenance Equipment	Personal Toiletries  Seasonal Clothing  Rx medications  Sunscreen  Other items from the HSUS's suggested list				
<b>COMMENTS:</b>	This six-member team should be capable of completing an average of one rescue every 30 minutes in a suburban setting and one rescue every hour in rural settings. These times would be semi-dependent on uncontrollable factors such as terrain, weather, road conditions, and distance between rescue sites. Number of teams ordered will be based on number of rescues anticipated. Team members should not show up for a disaster wearing camouflage gear. Camouflage gear not only complicates matters if the person needs to be found, but blends in with other response personnel, such as the National Guard. Suggested clothing: Carhart bib overalls. They are indestructible and will protect from bites, scratches, scrapes, and abrasions.					

RESOURCE:		Animal Protection: Small Animal Sheltering Team				
CATEGORY:	Animals and Agriculture Issues			KIND:	Team	
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
Personnel	Number of People Per Response	22-person response team to set up and run a small animal shelter, consisting of:  1 supervisor 3 team leaders 18 members for 3 shifts 1 veterinarian/veterinarian technician	5-person response team to advise and support local efforts to set up a small animal shelter with the goal for the locals to operate the shelter, consisting of:  1 supervisor: organize and plan 1 shelter manager: oversee shelter set up 3 team members 1 admin/finance team member, tracking animals coming in and logging out 1 shelter operations member reporting to shelter manager 1 logistics team, get equipment and supplies for shelter member  All team members work with and train local resources Shelter manager will assign tasks to local shelter workers	2-person advisory team to support local efforts to set up a small animal shelter		
Personnel	Minimum deployment	7 days	5 days	5 days		
Personnel	Lead Time to Deploy	Minimum 48 hours	Minimum 24 hours	Maximum 24 hours		

RESOURCE:		Animal Protection: Small Animal Sheltering Team				
CATEGORY:	Animals and Agriculture Issues			KIND:	Team	
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
Equipment		Same as Type II plus:  Basic veterinary and medical supply kit, refer to American Red Cross/HSUS list  (Crates and food will need to be supplied through local area procurement)	Radio/walkie-talkie system; Cell phones; Pagers; Laptops; Base station; Fresh batteries; Administration/management kit with forms; Documents; Plans; SOPs; Manuals; Office supplies  Basic handling equipment and supplies (gloves, control poles)	Basic communication (cell phones) equipment; Laptop; Forms; SOPs		
Vehicle		1 four-wheel-drive pickup truck for supplies  Plus other four-wheel-drive vehicles	2 large vehicles with four-wheel-drive for supplies	1 vehicle for transport		
Personnel	Training and Experience	FEMA EMI/IS classes in Emergency Preparedness; Basic ICS; Animals in Disaster; Module A & B  Pet First Aid/CPR course (American Red Cross/HSUS)  Full-day emergency animal shelter course  Minimum of 2 years of animal handling or sheltering experience  Crisis animal behavior training as a separate course or as a part of other training course	Same as Type I	Same as Type II		
COMMENTS:	<p>"Small animal" refers to dogs, cats, rabbits, hamsters, gerbils, guinea pigs, birds, fish, and reptiles.</p> <p>Local volunteers can support all three types for shelter teams (non-animal handling tasks, cleaning, and food prep).</p> <p>No sheltering for exotic animals.</p>					

RESOURCE:		Animal Protection: Small Animal Transport Team						
CATEGORY:	Animals and Agriculture Issues			KIND:	Team			
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III		TYPE IV	OTHER	
COMPONENT	METRIC							
Personnel	Number of People Per Response	5-person response team consisting of: 1 team leader 4 members						
Personnel	Minimum deployment	5 days						
Equipment		Radio/walkie-talkie system; Cell phones; Pagers; Laptops; Base station; Fresh batteries; Administration/management kit with forms; Documents; Plans; SOPs; Manuals; Office supplies						
Vehicle		1 4x4 pickup 1 SUV						
Personnel	Training	FEMA EMI/IS classes in Emergency Preparedness; Basic ICS; Animals in Disaster; Module A & B; Livestock in Disasters						
<b>COMMENTS:</b>								

RESOURCE:		Incident Management Team Animal Protection					
CATEGORY:	Animals and Agriculture Issues			KIND:	Team		
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III		TYPE IV	OTHER
COMPONENT	METRIC						
Personnel	Number of People Per Response	Federal deployment of 20-50 persons (see Veterinary Medical Assistance Team under Health and Medical Resources discipline) 1 Incident Commander, 1 Liaison to Unified Command, 1 PIO, 1 Safety Officer, 1 Veterinarian (deployed or on call); Operations Section (includes large and small animal rescue, transportation, shelter, and veterinary teams); Planning Section (includes resources, situation, check-in, and check out); Logistics Section (includes facilities, ground support, equipment, communications, and personnel); Finance/Admin Section (includes procurement and timekeeping)	State deployment of 10-100 persons for assessment and surveillance	Local deployment of 10-30 persons for assessment, surveillance, action within 2 to 4 hours			
Personnel	Lead Time to Deploy	Deploy within 12 to 24 hours	Up to 100 persons deploy within 4 to 12 hours	10-200 persons for disaster response within 24 hours			
Personnel	Sustained Operations	Self-sufficient for up to 3 days and can be deployed for up to 14 days or more.	Deployed for up to 7 days	Deployed for up to 5 days			
Personnel	Incident Commander Training	Should complete ICS 100-, 200-, and 300-level course work.					

RESOURCE:		Incident Management Team Animal Protection				
CATEGORY:	Animals and Agriculture Issues			KIND:	Team	
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
Personnel	Volunteers Training	FEMA EMI/IS classes in Emergency Preparedness; Basic ICS; Animals in Disaster; Module A & B; Livestock in Disasters				
Equipment		Radio/walkie-talkie system; Cell phones; Pagers; Laptops; Base station; Fresh batteries; Admin/management kit with forms; Documents; Plans; SOPs; Manuals; Office supplies				
Vehicle		Four-wheel-drive vehicle (SUV)				
COMMENTS:	When deployed, an Animal Protection Incident Management Team will assess the emergency situation and determine the number of operational strike teams that will be required for rescuing, transporting, and sheltering of animals. Type I Incident Management Team would be activated in a federally declared disaster and/or for incidents of national significance.					