

Marine Mammal Health and Stranding Response Program



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Nicole R. LeBoeuf, Chief, Marine Mammal and Sea Turtle Conservation Division



NOAA FISHERIES

Office of Protected Resources

MMHSRP Components



Stranding Response



Rehabilitation & Release



Entanglement Response



**Health, Risk, and
Injury Assessments**



**Disease/UME
Investigations**

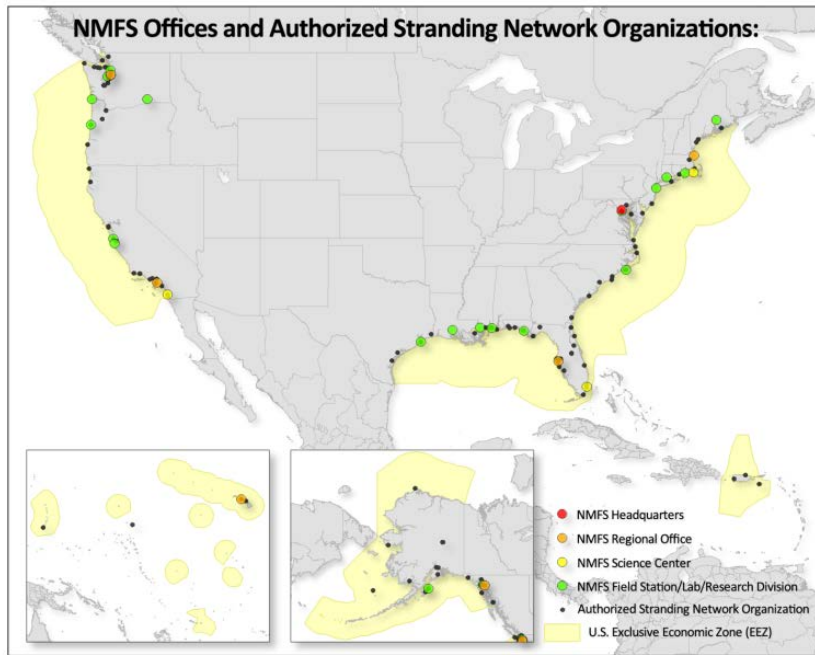


Tissue Bank/Quality Assurance

**Prescott Grant Program
Oil Spill Preparedness & Response**

Stranding Response

- Provides technical and logistic support



Rehabilitation & Release

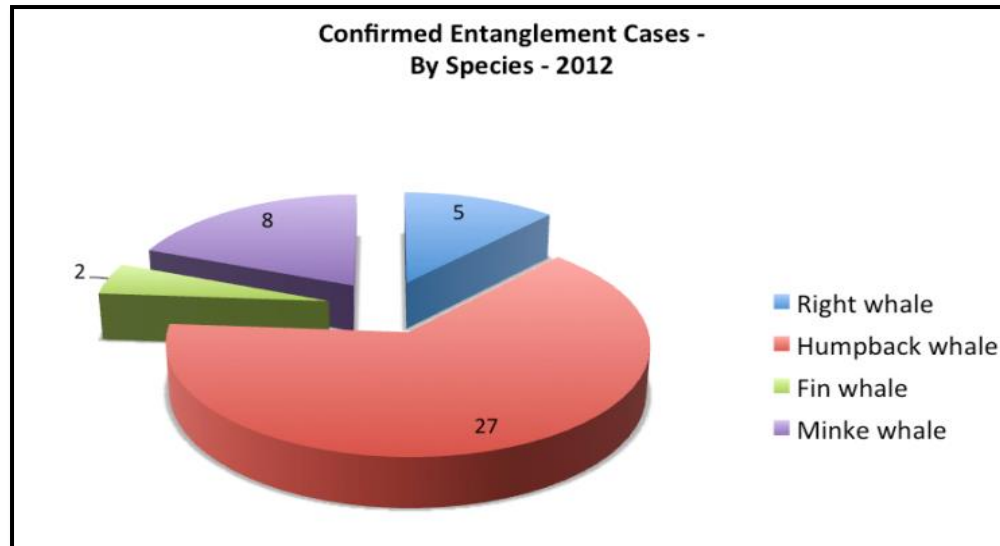
- Provides operational guidance and animal care best practices



Entanglement Response

- Provides response support, training, and certification

Atlantic Large Whale Entanglement Response

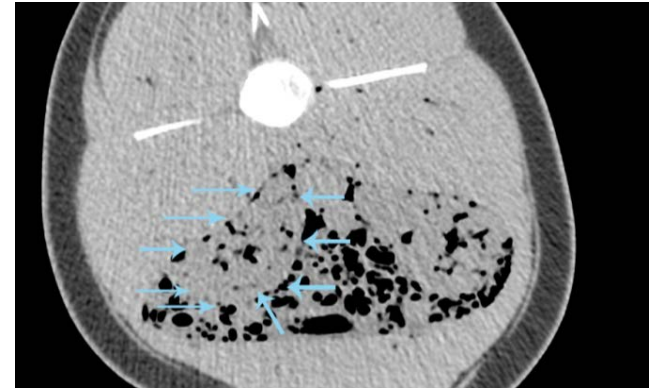


Southeast Small Cetacean Entanglement Response

- ~30 dolphin entanglement response from 2010-2012

Health, Risk, and Injury Assessments

- Provides technical and financial support for the collection of vital information
 - Diseases
 - Contaminants
 - Hearing
 - Stress
 - Life history
 - Reproductive success
 - Anatomy & physiology
 - Distribution
 - Survivorship



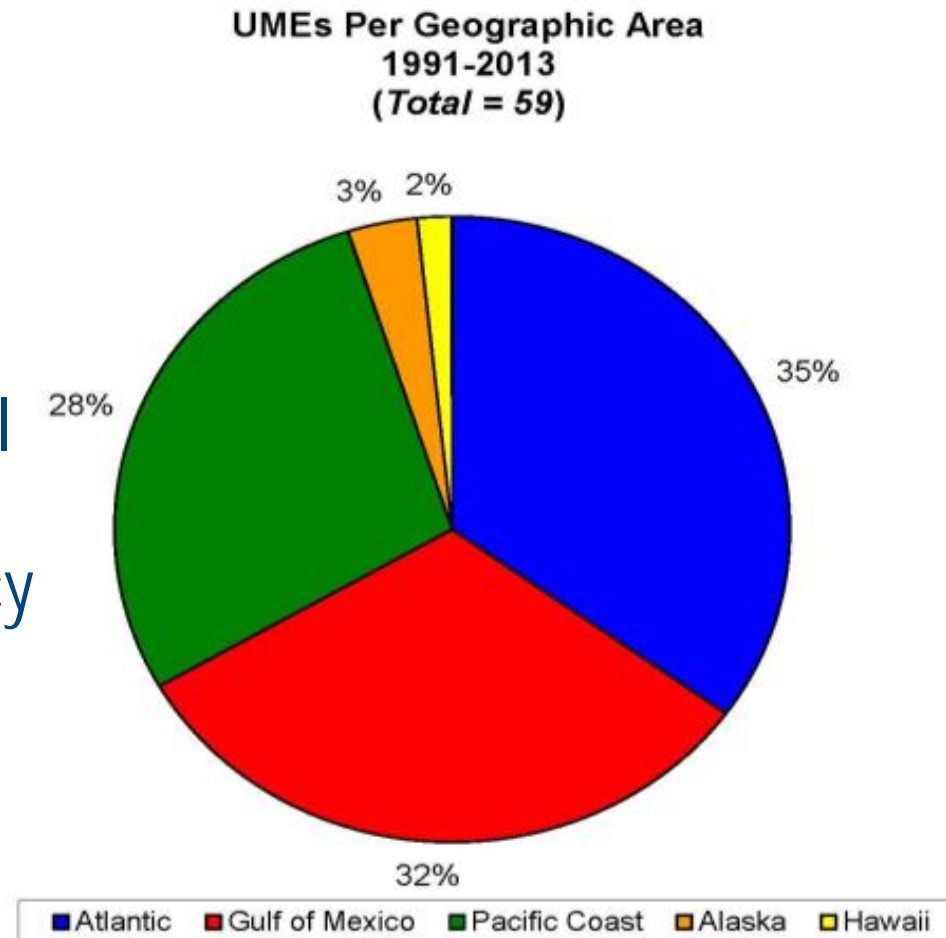
National Marine Mammal Tissue Bank

- Provides coordination and financial support for NOAA-NIST partnership
 - 50% of each specimen is available to scientific community for research & scientific evaluations
 - 50% is for long-term storage
 - Researchers may request archived marine mammal tissues for retrospective studies



Unusual Mortality Event Investigation

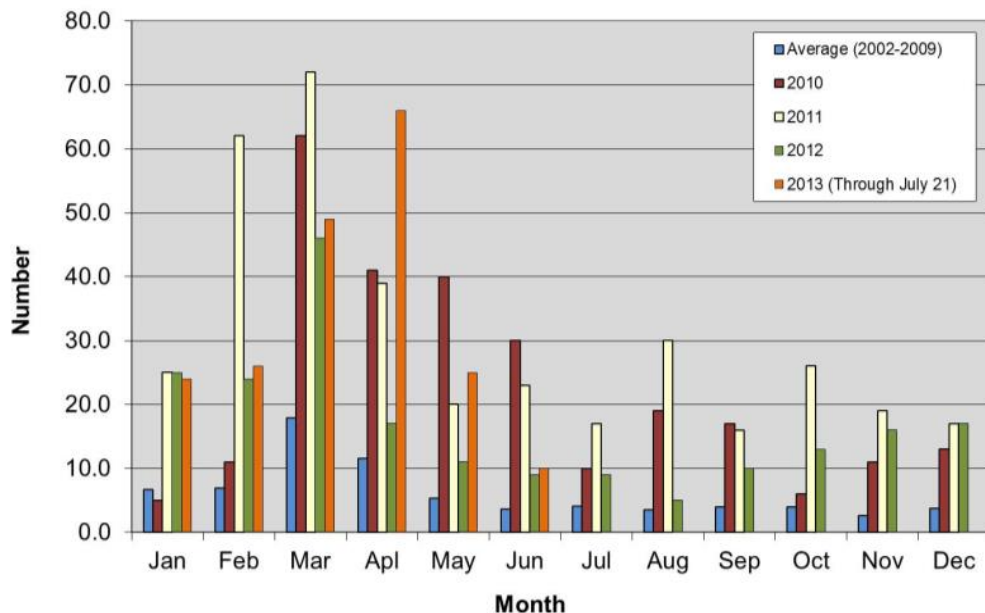
- Provides administrative and technical support for UME investigation
 - 25 years since massive Atlantic die-offs
 - Since 1991, 59 UMEs declared
 - Most cases involve coastal species
 - Status of UME Contingency Fund
 - Currently six UMEs under investigation



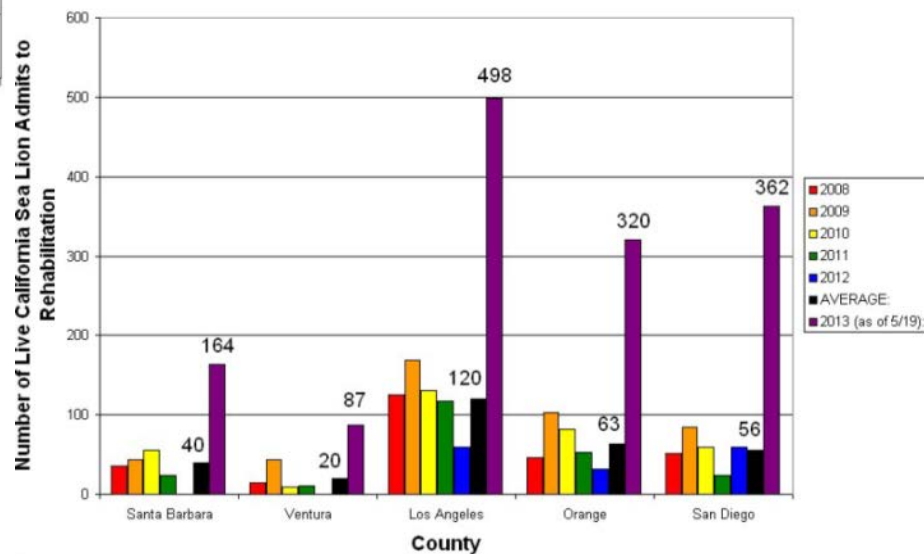
Ongoing Unusual Mortality Events

N. Gulf of Mexico Cetacean UME

All stranded cetaceans

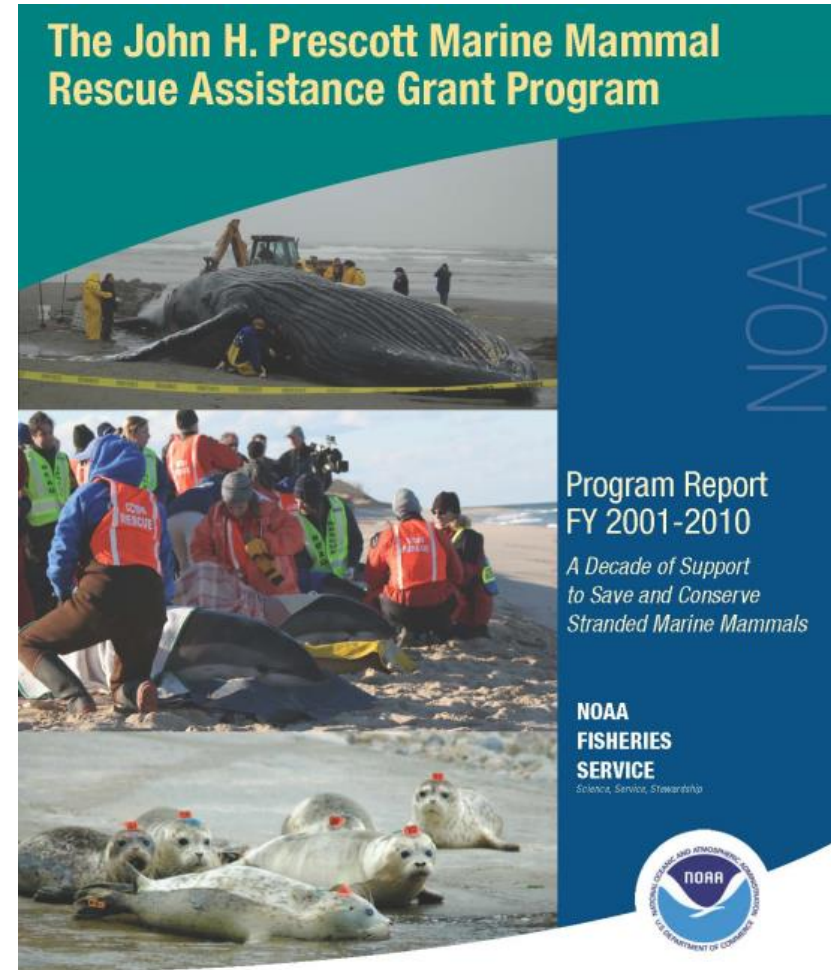


California Sea Lion UME



Prescott Grant Program

- Coordinates the review and selection of grant applications and administers awards
- Between 2001-2012:
 - 471 grants awarded to stranding network partners
 - 93 Recipients (25 States+1 DC+2 US Territories)
 - \$43M total amount of awards
 - \$41.78M Competitive
 - \$1.74M Emergency
 - \$14.4M+ leveraged



Oil Spill Preparedness & Response

- Oil Spill Response Guidelines
 - Used during Hurricane Katrina (2005) & Deepwater Horizon (2010)
 - Revised 2013
- Trainings and drills
- Involved with spill response community
- NRDA training for stranding network & injury assessment community





Further Information

Marine Mammal Health and Stranding Response Program

<http://www.nmfs.noaa.gov/pr/health/>

John H. Prescott Marine Mammal Rescue Assistance Grant Program

<http://www.nmfs.noaa.gov/pr/health/prescott/>

Marine Mammal Unusual Mortality Events

<http://www.nmfs.noaa.gov/pr/health/mmume/>

Northern Gulf Unusual Mortality Event

http://www.nmfs.noaa.gov/pr/health/mmume/cetacean_gulfofmexico2010.htm

National Marine Mammal Tissue Bank

<http://www.nmfs.noaa.gov/pr/health/tissue/>



Thank You!



Stranding Response

MARINE MAMMAL STRANDINGS IN 2012							
	NE	SE	NW	SW	AK	PI	TOTALS
Total No. Live Cetaceans	193	116	4	10	69	0	392
Total No. Dead Cetaceans	395	677	126	122	89	9	1418
Total No. Live Pinnipeds	193	0	124	977	51	17	1362
Total No. Dead Pinnipeds	359	2	625	301	84	5	1376
TOTALS	1140	795	879	1410	287	31	4548