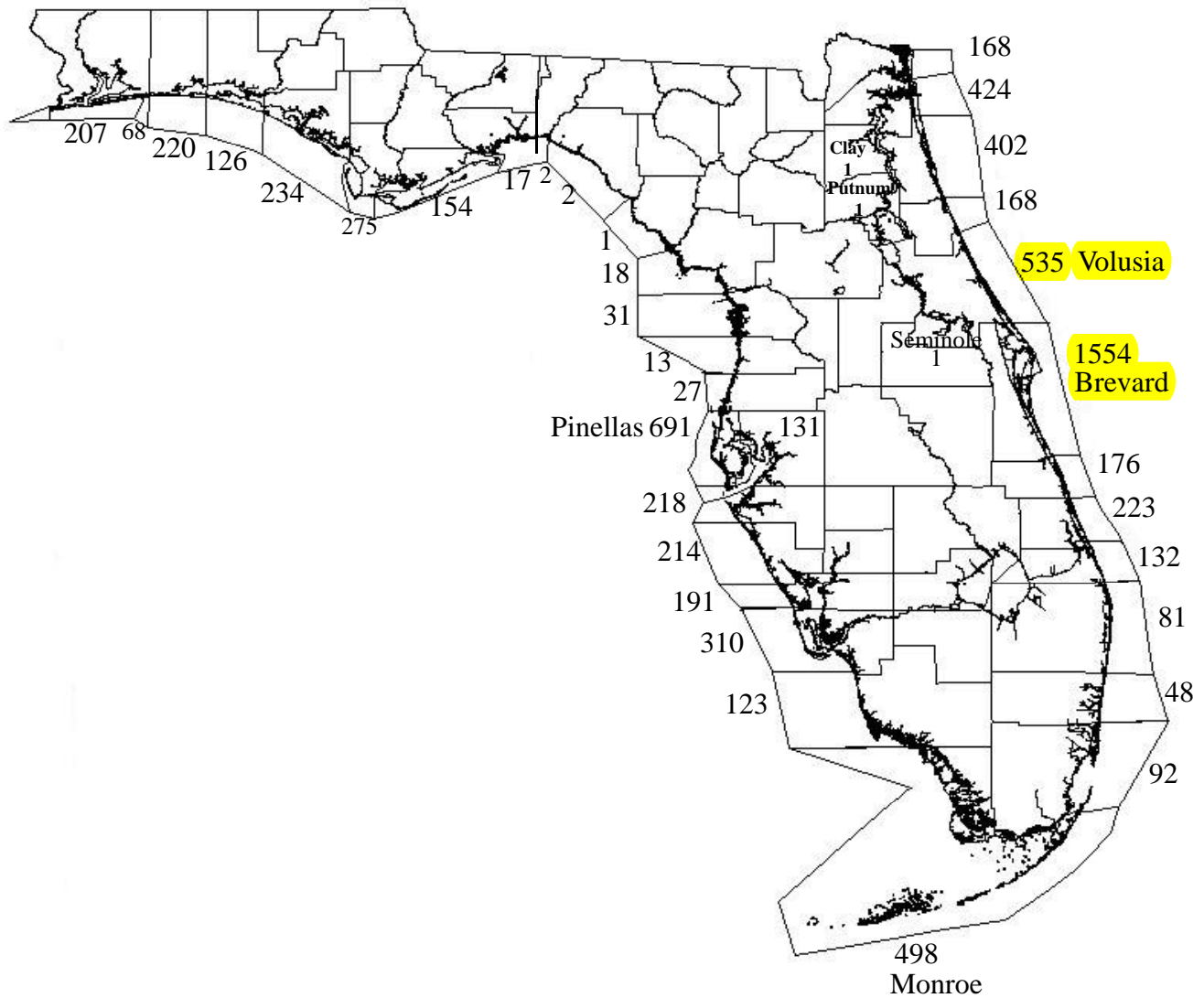


From 1977 to 2013, Brevard County had over twice the number of cetacean strandings than any other county in Florida. Volusia County is third on the list.



Appendix 1. Summary of Florida cetacean strandings, by county, from 1977-2013. Statewide, Brevard county has had the greatest number of cetacean strandings ($n = 1554$), followed by Pinellas ($n = 691$), Volusia county ($n = 535$) and Monroe ($n = 498$)

Appendix 2. Southeast US historical cetacean stranding data 1977-2013, by state and county (data based on SEUS records from the National Marine Mammal Database and previously archived by Dan Odell, HSWRI, for NMFS).

State	County	Total	State	County	Total	State	County	Total
NC	Dare	1769	LA	Plaquemines	101	PR	Naguabo	3
FL	Brevard	1554	MS	Hancock	98	PR	Vieques	3
TX	Galveston	1521	FL	Dade	92	TX	Refugio	3
NC	Carteret	889	FL	Palm Beach	81	NC	Washington	3
FL	Pinellas	691	LA	St. Bernard	80	FL	Jefferson	2
SC	Charleston	686	LA	Jefferson	79	FL	Taylor	2
MS	Harrison	615	LA	Terrebonne	78	LA	Calcasieu	2
TX	Nueces	599	FL	Santa Rosa	68	LA	St. Mary	2
FL	Volusia	535	NC	Pender	57	PR	Barceloneta	2
FL	Monroe	498	SC	Colleton	57	PR	Catano	2
TX	Jefferson	489	FL	Broward	48	PR	Fajardo	2
MS	Jackson	464	GA	Liberty	44	PR	Isabela	2
FL	Duval	424	TX	San Patricio	36	PR	Ponce	2
NC	Currituck	416	LA	St. Tammany	35	PR	Quebradillas	2
FL	St. Johns	402	FL	Citrus	31	PR	Santa Isabel	2
TX	Aransas	378	LA	Orleans	31	PR	Vega Baja	2
SC	Beaufort	363	FL	Pasco	27	PR	Yauco	2
TX	Brazoria	329	TX	Chambers	27	PR	Carolina	2
AL	Baldwin	329	NC	Camden	27	PR	Luquillo	2
LA	Cameron	328	TX	Willacy	25	PR	Maunabo	2
GA	Camden	314	NC	Beaufort	23	PR	Mayaguez	2
FL	Lee	310	NC	Craven	22	PR	Toa Baja	2
FL	Gulf	275	LA	Vermillion	20	LA	St. Martin	2
NC	Hyde	271	SC	Berkeley	20	PR	Rincon	2
TX	Calhoun	269	FL	Levy	18	FL	Clay	1
AL	Mobile	263	FL	Wakulla	17	FL	Dixie	1
TX	Cameron	241	TX	Harris	17	FL	Putnam	1
FL	Bay	234	NC	Pamlico	16	FL	Seminole	1
GA	Chatham	232	VI	St. Croix	14	GA	Baldwin	1
FL	St. Lucie	223	FL	Hernando	13	GA	Georgia	1
FL	Okaloosa	220	GA	Georgetown	12	LA	St. James	1
FL	Manatee	218	PR	Caba Rojo	10	LA	Terrelocnua	1
FL	Sarasota	214	LA	Iberia	9	MS	Baldwin	1
NC	Brunswick	211	NC	Perquimans	9	MS	Hackson	1
FL	Escambia	207	PR	Lajas	8	MS	Hare	1
GA	Glynn	198	PR	San Juan	8	MS	Jefferson	1
TX	Matagorda	193	VI	St. John	8	NC	Bertie	1
FL	Charlotte	191	GA	Bryan	6	NC	Buxton	1
TX	Kleberg	181	PR	Isla de Vieques	6	PR	Anasco	1
FL	Indian River	176	PR	Aguadilla	6	PR	Arecibo	1
FL	Flagler	168	NC	Chowan	6	PR	Camuy	1
FL	Nassau	168	VI	Tortola	5	PR	Ceiba	1
FL	Franklin	154	SC	Jasper	5	PR	Dorado	1
NC	Onslow	150	PR	Salinas	4	PR	Loiza	1
FL	Martin	132	PR	Guanica	4	PR	Manati	1
FL	Hillsborough	131	GA	Long	3	PR	St. John	1
SC	Horry	127	LA	St. Helena	3	PR	St. Thomas	1
FL	Walton	126	PR	Arroyo	3	TX	Jackson	1
NC	New Hanover	124	PR	Guayama	3	VA	Currituck	1
FL	Collier	123	PR	Humacao	3	VI	St. Thomas	1
TX	Kennedy	120	NC	Tyrrell	3	NC	Pitt	1
GA	Mc Intosh	113	PR	Guayanilla	3	LA	St. John the Baptist	1
LA	Lafourche	106	PR	Rio Grande	3			
SC	Georgetown	102	NC	Pasquotank	3			

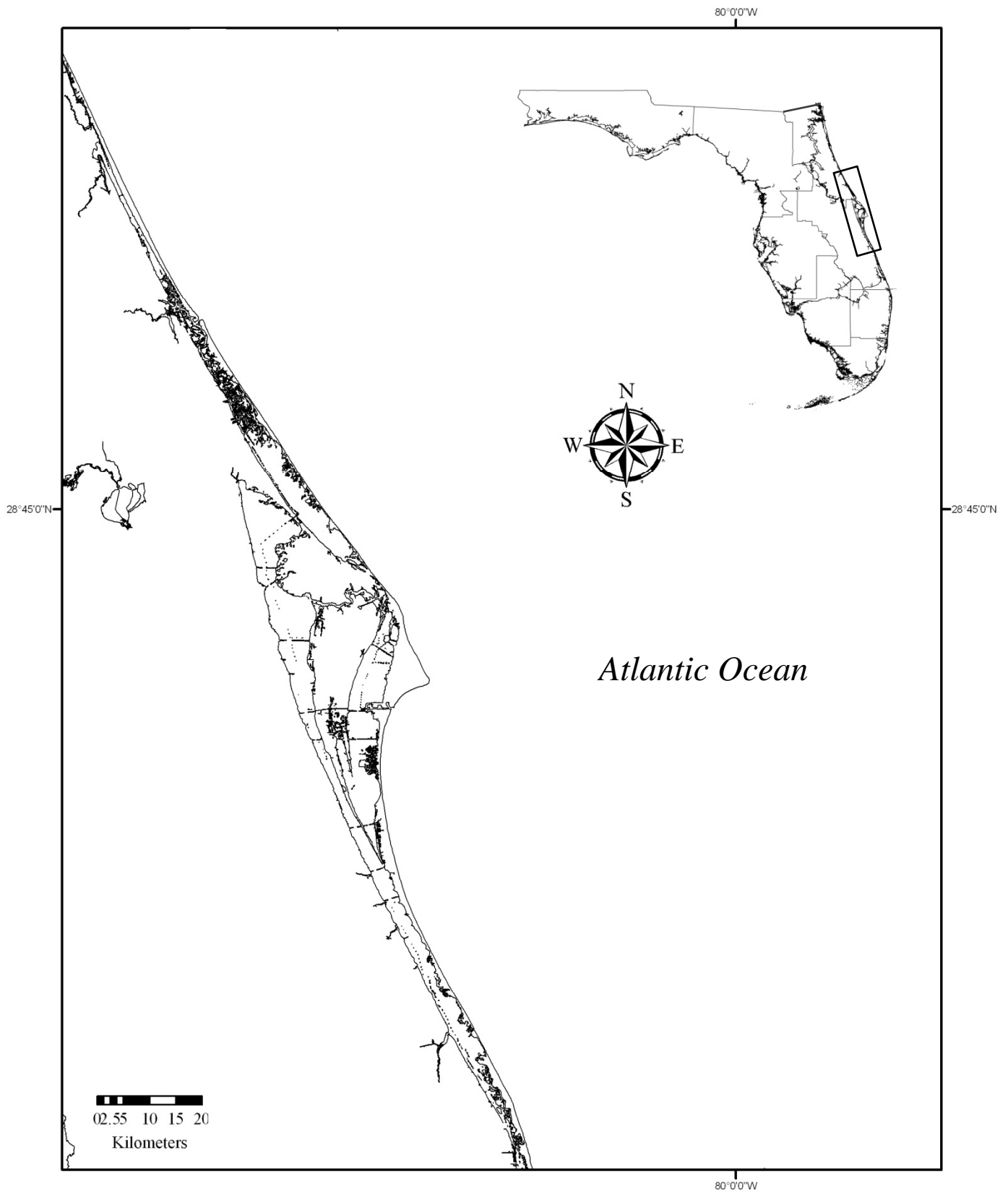
Brevard County has the second most frequent strandings in the nation.

Appendix 3. Summary of Brevard county cetacean and pinniped strandings (1977-2013).

Common Name	Genus	Species	Number of Stranded Animals
Minke Whale	<i>Balaenoptera</i>	<i>acutorostrata</i>	1
Hooded Seal	<i>Cystophora</i>	<i>cristata</i>	2
Northern Right Whale	<i>Eubalaena</i>	<i>glacialis</i>	2
Pygmy Killer Whale	<i>Feresa</i>	<i>attenuata</i>	3
Short-Finned Pilot Whale	<i>Globicephala</i>	<i>macrorhynchus</i>	15
Risso's Dolphin	<i>Grampus</i>	<i>griseus</i>	2
Dwarf Sperm Whale	<i>Kogia</i>	<i>sima</i>	22
Pygmy Sperm Whale	<i>Kogia</i>	<i>breviceps</i>	87
Unknown <i>Kogia</i> sp	<i>Kogia</i>	<i>sp.</i>	5
Humpback Whale	<i>Megaptera</i>	<i>novaeangliae</i>	6
Dense Beaked Whale	<i>Mesoplodon</i>	<i>densirostris</i>	4
Gulfstream Beaked Whale	<i>Mesoplodon</i>	<i>europaeus</i>	7
True's Beaked Whale	<i>Mesoplodon</i>	<i>mirus</i>	1
Melon headed Whale	<i>Peponocephala</i>	<i>electra</i>	1
Harbor Seal	<i>Phoca</i>	<i>vitulina</i>	1
Harbour Porpoise	<i>Phocoena</i>	<i>phocoena</i>	1
Sperm Whale	<i>Physeter</i>	<i>macrocephalus</i>	3
False Killer Whale	<i>Pseudorca</i>	<i>crassidens</i>	1
Atlantic Spotted Dolphin	<i>Stenella</i>	<i>frontalis</i>	7
Striped Dolphin	<i>Stenella</i>	<i>coeruleoalba</i>	1
Longsnouted Spinner Dolphin	<i>Stenella</i>	<i>longirostris</i>	2
Pantropical Spotted Dolphin	<i>Stenella</i>	<i>attenuata</i>	3
Unknown <i>Stenella</i> sp	<i>Stenella</i>	<i>sp.</i>	3
Fraser's Dolphin	<i>Lagenodelphis</i>	<i>hosei</i>	1
Rough-toothed dolphin	<i>Steno</i>	<i>bredanensis</i>	1
Bottlenose Dolphin	<i>Tursiops</i>	<i>truncatus</i>	1324
Cuvier's Beaked Whale	<i>Ziphius</i>	<i>cavirostris</i>	2
Unknown Beaked Whale	<i>Ziphius</i>	<i>sp.</i>	1
Unknown cetacean sp			45
TOTAL			1554

85% of strandings in Brevard County are bottlenose dolphins.

HSWRI's stranding response area.



Appendix 4. Hubbs-SeaWorld Research Institute cetacean stranding response area along the east coast of Florida which includes the Atlantic coastline and ~1800 km² of intracoastal waterways that encompass the Indian River Lagoon and the Halifax River.

Appendix 5 . Number of cetacean and pinniped strandings by responding letter holder or agency for 2006-2013

Atlantic Ocean - Florida

Letter Holder or Responding Agency	2006	2007	2008	2009	2010	2011	2012	2013	Total
Hubbs-SeaWorld Research Institute	59	84	88	56	81	55	74	132	629
FWRI - Jacksonville	34	19	18	28	41	27	37	78	282
Harbor Branch Oceanographic Institution	10	12	6	4	7	14	16	13	82
NMFS - Miami	14	6	1	7	6	4	10	22	70
Georgia Aquarium Dolphin Conservation Field Station	0	0	0	1	10	11	11	34	67
Marine Mammal Conservancy, Inc.	1	1	11	3	5	30	5	2	58
Marine Animal Rescue Society	2	2	0	0	1	4	1	8	18
Dynamac Corporation	3	3	3	1	0	0	0	0	10
Florida Keys Marine Mammal Rescue Team	4	1	0	0	0	0	0	0	5
Marine Mammal Stranding Network - SE FL	0	1	0	0	0	0	0	0	1

Gulf of Mexico - Florida

Letter Holder or Responding Agency	2006	2007	2008	2009	2010	2011	2012	2013	Total
FWRI - Marine Mammal Pathobiology Lab	22	9	13	11	13	21	22	16	127
Mote Marine Laboratory	21	9	4	13	9	11	10	8	85
Clearwater Marine Aquarium	29	6	3	7	8	7	10	10	80
Emerald Coast Wildlife Refuge	1	0	11	8	17	16	14	11	78
FWCC - SW Field Lab	0	2	0	11	10	14	18	22	77
Gulf World	3	2	5	6	12	14	14	14	70
Marine Mammal Stranding Network - SW FL	28	10	8	0	0	4	0	0	50
NMFS - Panama City Beach	29	13	3	1	0	0	3	0	49
The Stranding Center, Inc.	28	15	0	0	0	0	0	0	43
Florida Aquarium	9	4	1	2	2	0	0	0	18
Apalachicola National Estuarine Research Reserve	6	1	1	0	2	0	0	1	11
Gulf Islands National Seashore - Florida	0	5	0	0	2	1	0	0	8
East Bay Sea Turtle Patrol	5	1	0	0	0	0	0	0	6
St. Joseph Peninsula State Park	0	1	1	1	0	0	0	0	3
Eglin AFB Natural Resources	1	1	0	0	0	0	0	0	2
FDEP - Coastal & Aquatic Managed Areas	0	2	0	0	0	0	0	0	2
FWRI - Tallahassee	1	0	1	0	0	0	0	0	2
FWRI - Cedar Key	0	1	0	0	0	0	0	0	1
St. Joe Bay Aquatic Preserve	0	1	0	0	0	0	0	0	1
FDEP - Perdido Key State park	0	1	0	0	0	0	0	0	1
St. Vincent National Wildlife Refuge	0	0	1	0	0	0	0	0	1
Central Panhandle Aquatic Preserves	0	0	0	0	0	1	0	0	1
City of Sanibel, Florida	0	0	0	0	0	0	0	1	1

From 2006 to 2013, HSWRI responded to one-third of all strandings in the state of Florida, more than twice the number of any of the other 32 authorized agencies in state.