

TABLE 3.6 NORTHEAST REGION MARINE MAMMAL BYCATCH BY FISHERY (2011-2013) Bycatch estimates include incidental mortality and serious injury. Where multiple years of data are indicated, the estimate is an annual average. The mean bycatch estimates provided, which reflect the time period indicated in the table, are the most recent and publicly available bycatch estimates for these species. Due to uncertainty in stock identification, bycatch estimates for the coastal bottlenose dolphins are not additive across stocks (see Waring et al. 2014 (footnote aa in this table)). This uncertainty affects the fishery total for the Mid-Atlantic Gillnet Fisheries, as well as the grand total in this table.

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Mid-Atlantic Gillnet Fisheries						
Bottlenose dolphin - Northern North Carolina Estuarine System	Tursiops truncatus	2006-2008	18.99	INDIVIDUAL	.11	aa
Bottlenose dolphin - Southern North Carolina Estuarine System	Tursiops truncatus	2006-2008	0.92	INDIVIDUAL	.21	aa
Bottlenose dolphin - Western North Atlantic Northern Migratory Coastal	Tursiops truncatus	2006-2008	6.02	INDIVIDUAL	.19	aa
Bottlenose dolphin - Western North Atlantic Southern Migratory Coastal	Tursiops truncatus	2006-2008	41.91	INDIVIDUAL	.14	aa
Grey seal - Western North Atlantic	Halichoerus grypus	2008-2012	60.00	INDIVIDUAL	.67	dd
Harbor porpoise - Gulf of Maine / Bay of Fundy	Phocoena phocoena	2008-2012	199.00	INDIVIDUAL	.37	dd
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2008-2012	49.00	INDIVIDUAL	.33	dd
Harp seal - Western North Atlantic	Pagophilus groenlandicus	2006-2010	63.00	INDIVIDUAL	.46	bb
Short-beaked common dolphin - Western North Atlantic	Delphinus delphis	2008-2012	15.00	INDIVIDUAL	0.34	dd
Fishery Total			386.00			
Mid-Atlantic Mid-Water Otter Trawl						
Atlantic white-sided dolphin - Western North Atlantic	Lagenorhynchus acutus	2008-2012	3.80	INDIVIDUAL	.61	dd
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2008-2012	0.20	INDIVIDUAL		dd
Fishery Total			4.00			
Mid-Atlantic Otter Trawl Fisheries						
Bottlenose dolphin - Western North Atlantic Offshore	Tursiops truncatus	2008-2012	21.00	INDIVIDUAL	.22	dd
Grey seal - Western North Atlantic	Halichoerus grypus	2008-2012	19.00	INDIVIDUAL	.48	dd
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2008-2012	12.00	INDIVIDUAL	.6	dd
Risso's dolphin - Western North Atlantic	Grampus griseus	2008-2012	37.00	INDIVIDUAL	.36	dd
Short-beaked common dolphin - Western North Atlantic	Delphinus delphis	2008-2012	161.00	INDIVIDUAL	.17	dd
Fishery Total			250.00			
New England Gillnet Fisheries						
Atlantic white-sided dolphin - Western North Atlantic	Lagenorhynchus acutus	2008-2012	35.00	INDIVIDUAL	.44	dd
Grey seal - Western North Atlantic	Halichoerus grypus	2008-2012	974.00	INDIVIDUAL	.12	dd
Harbor porpoise - Gulf of Maine / Bay of Fundy	Phocoena phocoena	2008-2012	439.00	INDIVIDUAL	.18	dd
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2008-2012	378.00	INDIVIDUAL	.13	dd
Harp seal - Western North Atlantic	Pagophilus groenlandicus	2006-2010	218.00	INDIVIDUAL	.2	dd
Long-finned pilot whale - Western North Atlantic	Globicephala melas	2008-2012	0.60	INDIVIDUAL	.82	dd
Risso's dolphin - Western North Atlantic	Grampus griseus	2008-2012	1.20	INDIVIDUAL	.87	dd
Short-beaked common dolphin - Western North Atlantic	Delphinus delphis	2008-2012	56.00	INDIVIDUAL	.29	dd
Fishery Total			2,101.80			
New England Mid-Water Otter Trawl						
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2008-2012	0.90	INDIVIDUAL	.81	dd
Long-finned pilot whale - Western North Atlantic	Globicephala melas	2008-2012	3.00	INDIVIDUAL	.61	dd
Short-beaked common dolphin - Western North Atlantic	Delphinus delphis	2008-2012	0.40	INDIVIDUAL		dd

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Fishery Total			4.30			
New England Otter Trawl Fisheries						
Atlantic white-sided dolphin - Western North Atlantic	Lagenorhynchus acutus	2008-2012	77.00	INDIVIDUAL	.16	dd
Bottlenose dolphin - Western North Atlantic Offshore	Tursiops truncatus	2008-2012	10.00	INDIVIDUAL	.49	dd
Grey seal - Western North Atlantic	Halichoerus grypus	2008-2012	33.00	INDIVIDUAL	.18	dd
Harbor porpoise - Gulf of Maine / Bay of Fundy	Phocoena phocoena	2008-2012	2.30	INDIVIDUAL	.6	dd
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2008-2012	2.40	INDIVIDUAL	.5	dd
Long-finned pilot whale - Western North Atlantic	Globicephala melas	2008-2012	31.00	INDIVIDUAL	.16	dd
Minke whale - Canadian East Coast	Balaenoptera acutorostrata	2008-2012	1.60	INDIVIDUAL	.69	dd
Risso's dolphin - Western North Atlantic	Grampus griseus	2008-2012	2.00	INDIVIDUAL	.3	dd
Short-beaked common dolphin - Western North Atlantic	Delphinus delphis	2008-2012	55.00	INDIVIDUAL	.21	dd
Fishery Total			214.30			
Grand Total			2,960.40			

NORTHEAST REGION MARINE MAMMAL BYCATCH BY STOCKS AND SPECIES

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	FOOTNOTE(S)
Atlantic White-Sided Dolphin - Western North Atlantic	Lagenorhynchus acutus	2008-2012	115.80	INDIVIDUAL	
Bottlenose Dolphin - Northern North Carolina Estuarine System	Tursiops truncatus	2006-2008	18.99	INDIVIDUAL	
Bottlenose Dolphin - Southern North Carolina Estuarine System	Tursiops truncatus	2006-2008	0.92	INDIVIDUAL	
Bottlenose Dolphin - Western North Atlantic Northern Migratory Coastal	Tursiops truncatus	2006-2008	6.02	INDIVIDUAL	
Bottlenose Dolphin - Western North Atlantic Offshore	Tursiops truncatus	2008-2012	31.00	INDIVIDUAL	
Bottlenose Dolphin - Western North Atlantic Southern Migratory Coastal	Tursiops truncatus	2006-2008	41.91	INDIVIDUAL	
Grey Seal - Western North Atlantic	Halichoerus grypus	2008-2012	1,086.00	INDIVIDUAL	
Harbor Porpoise - Gulf Of Maine / Bay Of Fundy	Phocoena phocoena	2008-2012	640.30	INDIVIDUAL	
Harbor Seal - Western North Atlantic	Phoca vitulina concolor	2008-2012	442.50	INDIVIDUAL	
Harp Seal - Western North Atlantic	Pagophilus groenlandicus	2006-2010	281.00	INDIVIDUAL	
Long-Finned Pilot Whale - Western North Atlantic	Globicephala melas	2008-2012	34.60	INDIVIDUAL	
Minke Whale - Canadian East Coast	Balaenoptera acutorostrata	2008-2012	1.60	INDIVIDUAL	
Risso'S Dolphin - Western North Atlantic	Grampus griseus	2008-2012	40.20	INDIVIDUAL	
Short-Beaked Common Dolphin - Western North Atlantic	Delphinus delphis	2008-2012	287.40	INDIVIDUAL	
GRAND TOTAL			2,960.40	INDIVIDUAL	

FOOTNOTES:

aa Waring, G. T., E. Josephson, K. Maze-Foley, and P. E. Rosel, editors. 2014. U.S. Atlantic and Gulf of Mexico Marine Mammal Stock Assessments -- 2013. NOAA Tech Memo NMFS NE 228; 464 p. Available from: National Marine Fisheries Service, 166 Water Street, Woods Hole, MA 02543-1026, or online at <http://nefsc.noaa.gov/publications/>

bb Waring, G. T., E. Josephson, K. Maze-Foley, and P. E. Rosel, editors. 2013. U.S. Atlantic and Gulf of Mexico Marine Mammal Stock Assessments -- 2012. NOAA Tech Memo NMFS NE 223; 419 p. Available from: National Marine Fisheries Service, 166 Water Street, Woods Hole, MA 02543-1026, or online at <http://www.nefsc.noaa.gov/nefsc/publications/>

dd Waring G. T., E. Josephson, K. Maze-Foley, and P. E. Rosel, editors. 2015. U.S. Atlantic and Gulf of Mexico Marine Mammal Stock Assessments -- 2014. NOAA Tech Memo NMFS NE 231; 361 p. Available from: National Marine Fisheries Service, 166 Water Street, Woods Hole, MA 02543-1026, or online at <http://www.nefsc.noaa.gov/nefsc/publications/>