

Table 3.5.1 GREATER ATLANTIC REGION MARINE MAMMAL BYCATCH BY FISHERY (2014) 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. ⁵

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	2010-2014	64.00	INDIVIDUAL	.63	
Harbor porpoise - Gulf of Maine / Bay of Fundy	Phocoena phocoena	2010-2014	97.00	INDIVIDUAL	.5	
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2010-2014	26.00	INDIVIDUAL	.33	
Harp seal - Western North Atlantic	Pagophilus groenlandicus	2007-2011	63.00	INDIVIDUAL	.46	bb, dd
Short-beaked common dolphin - Western North Atlantic	Delphinus delphis	2010-2014	31.00	INDIVIDUAL	.33	
Fishery Total			348.84			
Mid-Atlantic Mid-Water Otter Trawl						
Grey seal - Western North Atlantic	Halichoerus grypus	2010-2014	0.20	INDIVIDUAL		cc
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2010-2014	0.20	INDIVIDUAL		cc
Fishery Total			0.40			
Mid-Atlantic Otter Trawl Fisheries						
Atlantic white-sided dolphin - Western North Atlantic	Lagenorhynchus acutus	2010-2014	1.90	INDIVIDUAL	.94	
Bottlenose dolphin - Western North Atlantic Offshore	Tursiops truncatus	2010-2014	19.00	INDIVIDUAL	.28	
Grey seal - Western North Atlantic	Halichoerus grypus	2010-2014	18.00	INDIVIDUAL	.5	
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2010-2014	11.00	INDIVIDUAL	.62	
Risso's dolphin - Western North Atlantic	Grampus griseus	2010-2014	38.00	INDIVIDUAL	.35	
Short-beaked common dolphin - Western North Atlantic	Delphinus delphis	2010-2014	243.00	INDIVIDUAL	.14	
Fishery Total			330.90			
New England Gillnet Fisheries						
Atlantic white-sided dolphin - Western North Atlantic	Lagenorhynchus acutus	2010-2014	21.00	INDIVIDUAL	.57	
Bottlenose dolphin - Western North Atlantic Offshore	Tursiops truncatus	2010-2014	5.20	INDIVIDUAL	.95	
Grey seal - Western North Atlantic	Halichoerus grypus	2010-2014	1,046.00	INDIVIDUAL	.1	
Harbor porpoise - Gulf of Maine / Bay of Fundy	Phocoena phocoena	2010-2014	293.00	INDIVIDUAL	.17	
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2010-2014	334.00	INDIVIDUAL	.14	
Harp seal - Western North Atlantic	Pagophilus groenlandicus	2007-2011	208.00	INDIVIDUAL	.21	bb, dd

Long-finned pilot whale - Western North Atlantic	Globicephala melas	2010-2014	0.60	INDIVIDUAL	.82
Risso's dolphin - Western North Atlantic	Grampus griseus	2010-2014	5.80	INDIVIDUAL	.79
Short-beaked common dolphin - Western North Atlantic	Delphinus delphis	2010-2014	83.00	INDIVIDUAL	.24
Fishery Total			1,996.60		

New England Mid-Water Otter Trawl

Grey seal - Western North Atlantic	Halichoerus grypus	2010-2014	0.40	INDIVIDUAL	cc
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2010-2014	0.80	INDIVIDUAL	cc
Long-finned pilot whale - Western North Atlantic	Globicephala melas	2010-2014	1.80	INDIVIDUAL	cc
Minke whale - Canadian East Coast	Balaenoptera acutorostrata	2010-2014	0.20	INDIVIDUAL	cc
Short-beaked common dolphin - Western North Atlantic	Delphinus delphis	2010-2014	0.40	INDIVIDUAL	cc
Fishery Total			3.60		

New England Otter Trawl Fisheries

Atlantic white-sided dolphin - Western North Atlantic	Lagenorhynchus acutus	2010-2014	51.00	INDIVIDUAL	.16
Bottlenose dolphin - Western North Atlantic Offshore	Tursiops truncatus	2010-2014	2.80	INDIVIDUAL	.62
Grey seal - Western North Atlantic	Halichoerus grypus	2010-2014	33.00	INDIVIDUAL	.17
Harbor porpoise - Gulf of Maine / Bay of Fundy	Phocoena phocoena	2010-2014	3.70	INDIVIDUAL	.51
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2010-2014	4.00	INDIVIDUAL	.44
Harp seal - Western North Atlantic	Pagophilus groenlandicus	2007-2011	0.40	INDIVIDUAL	bb, cc, dd
Long-finned pilot whale - Western North Atlantic	Globicephala melas	2010-2014	33.20	INDIVIDUAL	.15
Risso's dolphin - Western North Atlantic	Grampus griseus	2010-2014	1.80	INDIVIDUAL	.47
Short-beaked common dolphin - Western North Atlantic	Delphinus delphis	2010-2014	52.00	INDIVIDUAL	.2
Fishery Total			181.90		

New England Purse Seine

Harbor seal - Western North Atlantic	Phoca vitulina concolor	2010-2014	0.20	INDIVIDUAL	cc
Fishery Total			0.20		

Grand Total

2,862.44

GREATER ATLANTIC 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	2010-2014	73.90	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	2010-2014	27.00	INDIVIDUAL	

Bottlenose Dolphin - Western North Atlantic Southern Migratory Coastal	<i>Tursiops truncatus</i>	2006-2008	41.91	INDIVIDUAL
Grey Seal - Western North Atlantic	<i>Halichoerus grypus</i>	2010-2014	1,161.60	INDIVIDUAL
Harbor Porpoise - Gulf Of Maine / Bay Of Fundy	<i>Phocoena phocoena</i>	2010-2014	393.70	INDIVIDUAL
Harbor Seal - Western North Atlantic	<i>Phoca vitulina concolor</i>	2010-2014	376.20	INDIVIDUAL
Harp Seal - Western North Atlantic	<i>Pagophilus groenlandicus</i>	2007-2011	271.40	INDIVIDUAL
Long-Finned Pilot Whale - Western North Atlantic	<i>Globicephala melas</i>	2010-2014	35.60	INDIVIDUAL
Minke Whale - Canadian East Coast	<i>Balaenoptera acutorostrata</i>	2010-2014	0.20	INDIVIDUAL
Risso's Dolphin - Western North Atlantic	<i>Grampus griseus</i>	2010-2014	45.60	INDIVIDUAL
Short-Beaked Common Dolphin - Western North Atlantic	<i>Delphinus delphis</i>	2010-2014	409.40	INDIVIDUAL
GRAND TOTAL			2,862.44	INDIVIDUAL

FOOTNOTES

- 5 Unless otherwise noted, the estimates in this table stem from the following report: Hayes S.A., E. Josephson, K. Maze-Foley, and P.E. Rosel, editors. 2016. US Atlantic and Gulf of Mexico
- aa Waring GT, Josephson E, Maze-Foley K, Rosel, PE, editors. 2014. U.S. Atlantic and Gulf of Mexico Marine Mammal Stock Assessments -- 2013. NOAA Tech Memo NMFS NE 228; 464 p.
- 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;
- cc Estimate is based on an observed take(s) that was not extrapolated to the entire fishery, therefore no CV was calculated.
- dd Estimates provided are from 2007-2011 5-yr mean reported in the 2013 Stock Assessment Report because the harp seal 5-year mean has not been updated in more recent SARs.

