

**Table 3.5.2 GREATER ATLANTIC REGION MARINE MAMMAL BYCATCH BY FISHERY (2015)** 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.<sup>5</sup>

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE
<b>Mid-Atlantic Gillnet Fisheries</b>						
Bottlenose dolphin - Northern North Carolina Estuarine System	Tursiops truncatus	2011-2015	16.42	INDIVIDUAL	.22	ii
Bottlenose dolphin - Western North Atlantic Northern Migratory Coastal	Tursiops truncatus	2011-2015	12.23	INDIVIDUAL	.22	ii
Bottlenose dolphin - Western North Atlantic Southern Migratory Coastal	Tursiops truncatus	2011-2015	12.47	INDIVIDUAL	.32	ii
Grey seal - Western North Atlantic	Halichoerus grypus	2011-2015	14.00	INDIVIDUAL	.48	
Harbor porpoise - Gulf of Maine / Bay of Fundy	Phocoena phocoena	2011-2015	52.00	INDIVIDUAL	.34	
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2011-2015	18.00	INDIVIDUAL	.4	
Short-beaked common dolphin - Western North Atlantic	Delphinus delphis	2011-2015	31.00	INDIVIDUAL	.34	
<b>Fishery Total</b>			156.12			
<b>Mid-Atlantic Mid-Water Otter Trawl</b>						
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2011-2015	0.40	INDIVIDUAL		cc
<b>Fishery Total</b>			0.40			
<b>Mid-Atlantic Otter Trawl Fisheries</b>						
Atlantic white-sided dolphin - Western North Atlantic	Lagenorhynchus acutus	2011-2015	1.90	INDIVIDUAL	.94	
Grey seal - Western North Atlantic	Halichoerus grypus	2011-2015	22.00	INDIVIDUAL	.43	
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2011-2015	10.00	INDIVIDUAL	.53	
Risso's dolphin - Western North Atlantic	Grampus griseus	2011-2015	28.00	INDIVIDUAL	.35	
Short-beaked common dolphin - Western North Atlantic	Delphinus delphis	2011-2015	285.00	INDIVIDUAL	.12	
<b>Fishery Total</b>			346.90			
<b>New England Gillnet Fisheries</b>						
Atlantic white-sided dolphin - Western North Atlantic	Lagenorhynchus acutus	2011-2015	8.20	INDIVIDUAL	.34	
Grey seal - Western North Atlantic	Halichoerus grypus	2011-2015	1,020.00	INDIVIDUAL	.1	
Harbor porpoise - Gulf of Maine / Bay of Fundy	Phocoena phocoena	2011-2015	251.00	INDIVIDUAL	.18	
Harbor seal - Western North Atlantic	Phoca vitulina concolor	2011-2015	321.00	INDIVIDUAL	.12	
Harp seal - Western North Atlantic	Pagophilus groenlandicus	2011-2015	42.00	INDIVIDUAL	.24	
Risso's dolphin - Western North Atlantic	Grampus griseus	2011-2015	5.80	INDIVIDUAL	.79	
Short-beaked common dolphin - Western North Atlantic	Delphinus delphis	2011-2015	86.00	INDIVIDUAL	.23	
<b>Fishery Total</b>			1,734.00			
<b>New England Mid-Water Otter Trawl</b>						
Grey seal - Western North Atlantic	Halichoerus grypus	2011-2015	0.40	INDIVIDUAL		cc

Harbor seal - Western North Atlantic	<i>Phoca vitulina concolor</i>	2011-2015	0.80	INDIVIDUAL		cc
Short-beaked common dolphin - Western North Atlantic	<i>Delphinus delphis</i>	2011-2015	0.00	INDIVIDUAL	.42	
<b>Fishery Total</b>			1.20			
<b>New England Otter Trawl Fisheries</b>						
Atlantic white-sided dolphin - Western North Atlantic	<i>Lagenorhynchus acutus</i>	2011-2015	46.00	INDIVIDUAL	.17	
Grey seal - Western North Atlantic	<i>Halichoerus grypus</i>	2011-2015	31.00	INDIVIDUAL	.16	
Harbor porpoise - Gulf of Maine / Bay of Fundy	<i>Phocoena phocoena</i>	2011-2015	4.40	INDIVIDUAL	.42	
Harbor seal - Western North Atlantic	<i>Phoca vitulina concolor</i>	2011-2015	5.40	INDIVIDUAL	.34	
Harp seal - Western North Atlantic	<i>Pagophilus groenlandicus</i>	2011-2015	0.60	INDIVIDUAL	.81	
Risso's dolphin - Western North Atlantic	<i>Grampus griseus</i>	2011-2015	0.80	INDIVIDUAL	.91	
Short-beaked common dolphin - Western North Atlantic	<i>Delphinus delphis</i>	2011-2015	34.00	INDIVIDUAL	.22	
<b>Fishery Total</b>			122.20			
<b>New England Purse Seine</b>						
Harbor seal - Western North Atlantic	<i>Phoca vitulina concolor</i>	2011-2015	0.20	INDIVIDUAL		cc
<b>Fishery Total</b>			0.20			
<b>Grand Total</b>			2,361.02			

#### GREATER ATLANTIC REGION MARINE MAMMAL BYCATCH BY STOCKS AND SPECIES

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	FOOTNOTE
Atlantic White-Sided Dolphin - Western North Atlantic	<i>Lagenorhynchus acutus</i>	2011-2015	56.10	INDIVIDUAL	
Bottlenose Dolphin - Northern North Carolina Estuarine System	<i>Tursiops truncatus</i>	2011-2015	16.42	INDIVIDUAL	ii
Bottlenose Dolphin - Western North Atlantic Northern Migratory Coastal	<i>Tursiops truncatus</i>	2011-2015	12.23	INDIVIDUAL	ii
Bottlenose Dolphin - Western North Atlantic Southern Migratory Coastal	<i>Tursiops truncatus</i>	2011-2015	12.47	INDIVIDUAL	ii
Grey Seal - Western North Atlantic	<i>Halichoerus grypus</i>	2011-2015	1,087.40	INDIVIDUAL	
Harbor Porpoise - Gulf Of Maine / Bay Of Fundy	<i>Phocoena phocoena</i>	2011-2015	307.40	INDIVIDUAL	
Harbor Seal - Western North Atlantic	<i>Phoca vitulina concolor</i>	2011-2015	355.80	INDIVIDUAL	
Harp Seal - Western North Atlantic	<i>Pagophilus groenlandicus</i>	2011-2015	42.60	INDIVIDUAL	
Risso'S Dolphin - Western North Atlantic	<i>Grampus griseus</i>	2011-2015	34.60	INDIVIDUAL	
Short-Beaked Common Dolphin - Western North Atlantic	<i>Delphinus delphis</i>	2011-2015	436.00	INDIVIDUAL	
<b>GRAND TOTAL</b>			<b>2,361.02</b>	<b>INDIVIDUAL</b>	

#### 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. 2017. US Atlantic and Gulf of Mexico Marine Mammal Stock Assessments. A draft of the report is available online at <https://www.fisheries.noaa.gov/national/marine-mammal-protection/draft-marine-mammal-stock-assessment-reports>

cc Estimate is based on an observed take(s) that was not extrapolated to the entire fishery, therefore no CV was calculated.

ii Estimate taken from Lyssikatos M.C., and L.P. Garrison. 2018. Common bottlenose dolphin (*Tursiops truncatus*) gillnet bycatch estimates along the US Mid-Atlantic Coast, 2007-2015. U.S. Dept. of Commerce, Northeast Fish Sci Cent Ref Doc. 18-07; 37 p. Available online at: <https://www.nefsc.noaa.gov/publications/crd/crd1807/> Estimate is the mean annual maximum bycatch.



