

TABLE 1. A SUMMARY(including footnotes) OF ATLANTIC MARINE MAMMAL STOCK ASSESSMENT REPORTS FOR STOCKS OF MARINE MAMMALS UNDER NMFS AUTHORITY THAT OCCUPY WATERS UNDER USA JURISDICTION. The “SAR revised” column indicates 2003 stock assessment reports that have been revised relative to the 2002 reports (Y=yes N=no). If abundance, mortality or PBR estimates have been revised, they are indicated with the letters “a”, “m” and “p” respectively. For those species not updated in this edition, the year of last revision is indicated.

Species	Stock Area	SRG Region	NMFS Center	Nmin	Rmax	Fr	PBR	Total Annual Mort.	Annual Fish. Mort.	Strategic Status	SAR Revised
North Atlantic right whale	Western	ATL	NEC	291	0	0.1	0.0	2.0 ¹	1.2 ¹	Y	Y m
Humpback whale	Gulf of Maine	ATL	NEC	647	0.04	0.1	1.3	2.6 ²	2.2 ²	Y	Y a, m, p
Fin whale	Western North Atlantic	ATL	NEC	2,362	0.04	0.1	4.7	2.0 ³	0.6	Y	Y m
Sei whale	Nova Scotia	ATL	NEC	N/A	0.04	0.1	N/A	0.2	0.0	Y	Y m
Minke whale	Canadian east coast	ATL	NEC	3,515	0.04	0.5	35	3.6 ⁴	3.4 ⁴	N	Y m
Blue whale	Western North Atlantic	ATL	NEC	308	0.04	0.1	N/A	0.2	0.0	Y	N (2002)
Sperm whale	North Atlantic	ATL	NEC	3,505	0.04	0.1	7.0	0.0	0.2	Y	N (2002)
Dwarf sperm whale	Western North Atlantic	ATL	SEC	470 ⁵	0.04	0.5	4.7	0	0	N	Y a, m, p
Pygmy sperm whale	Western North Atlantic	ATL	SEC	470 ⁵	0.04	0.5	4.7	6	6	Y	Y a, m, p
Killer whale	Western North Atlantic	ATL	NEC	N/A	0.04	N/A	N/A	0.0	0.0	N	N (1995)
Pygmy killer whale	Western North Atlantic	ATL	SEC	N/A	0.04	0.5	N/A	0.0	0.0	N	Y m
Mellon-headed whale	Western North Atlantic	ALT	SEC	N/A	0.04	.5	N/A	0.0	0.0	N	Y m
Northern bottlenose whale	Western North Atlantic	ATL	NEC	N/A	0.04	N/A	N/A	0.0	0.0	N	N (1998)
Cuvier's beaked whale	Western North Atlantic	ATL	NEC	2,419 ⁶	0.04	0.5	24	0	0 ⁷	Y	N (2002)
<i>Mesoplodon</i> beaked whales	Western North Atlantic	ATL	NEC	2,419 ⁶	0.04	0.5	24	0	0 ⁷	Y	N (2002)
Risso's dolphin	Western North Atlantic	ATL	NEC	22,916	0.04	0.48	220	51	51	N	N (2002)
Pilot whale, long-finned	Western North Atlantic	ATL	NEC	11,343 ⁸	0.04	0.48	108	215 ⁹	215 ⁹	Y	Y m
Pilot whale, short-finned	Western North Atlantic	ATL	SEC	11,343 ⁸	0.04	0.48	108	199 ⁹	199 ⁹	Y	N (2002)
Atlantic white-sided dolphin	Western North Atlantic	ATL	NEC	37,904	0.04	0.48	364	102	102	N	Y m
White-beaked dolphin	Western North Atlantic	ATL	NEC	N/A	0.04	0.5	N/A	0.0	0.0	N	Y stranding text
Common dolphin	Western North Atlantic	ATL	NEC	23,655	0.04	0.48	227	190	190	N	Y m

Species	Stock Area	SRG Region	NMFS Center	Nmin	Rmax	Fr	PBR	Total Annual Mort.	Annual Fish. Mort.	Strategic Status	SAR Revised
Atlantic spotted dolphin	Western North Atlantic	ATL	NEC	27,785 ¹⁰	0.04	0.5	278	7.8 ¹¹	7.8 ¹¹	N	N (2000)
Pantropical spotted dolphin	Western North Atlantic	ATL	SEC	8,450	0.04	0.5	84	1 ¹¹	1 ¹¹	N	N (2002)
Striped dolphin	Western North Atlantic	ATL	NEC	44,500	0.04	0.5	445	7.3	7.3	N	N (2000)
Spinner dolphin	Western North Atlantic	ATL	NEC	0.04	0.04	N/A	N/A	0.31	0.31	N	N (1998)
Clymene's dolphin	Western North Atlantic	ALT	SEC	3,132	0.04	0.5	31	0.0	0.0	N	Y a, p
Fraser's dolphin	Western North Atlantic	ALT	SEC	N/A	0.04	N/A	N/A	0.0	0.0	N	Y m
Bottlenose dolphin	Western North Atlantic, offshore	ATL	SEC	24,897 ¹⁰	0.04	0.5	249	27	27	N	Y m
Bottlenose dolphin	Western North Atlantic, coastal	ATL	SEC	N/A ¹⁵	0.04	0.5	N/A ¹⁶	N/A ¹⁶	N/A ¹⁶	Y	N (2002)
Harbor porpoise	Gulf of Maine/ Bay of Fundy	ATL	NEC	74,695	0.04	0.5	747	365 ¹²	318 ¹²	N	Y m
Harbor seal	Western North Atlantic	ATL	NEC	91,546	0.12	1.0	5,493	972	955	N	Y a, m, p
Gray seal	Western North Atlantic	ATL	NEC	NA	0.12	1.0	NA	309	131	N	Y m
Harp seal	Western North Atlantic	ATL	NEC	N/A	0.12	0.5	N/A	287,949	109	N	Y m, p
Hooded seal	Western North Atlantic	ATL	NEC	N/A	0.12	0.5	N/A	10,393 ¹⁴	16	N	Y m
Sperm whale	Northern Gulf of Mexico	ATL	SEC	1035	0.04	0.1	2.1	0.0	0.0	Y	Y a, m, p
Bryde's whale	Northern Gulf of Mexico	ATL	SEC	25	0.04	0.5	0.3	0.0	0.0	N	Y a, m, p
Cuvier's beaked whale	Northern Gulf of Mexico	ATL	SEC	65	0.04	0.5	0.7	0.0	0.0	Y	Y a, m, p
Blainville's beaked whale	Northern Gulf of Mexico	ATL	SEC	70 ¹⁵	0.04	0.5	0.7 ¹⁵	0.0	0.0	Y	Y a, m, p
Gervais' beaked whale	Northern Gulf of Mexico	ATL	SEC	70 ¹⁵	0.04	0.5	0.7 ¹⁵	0.0	0.0	Y	Y a, m, p
Bottlenose dolphin	Northern Gulf of Mexico Outer continental shelf	ATL	SEC	20,414	0.04	0.5	204	0.0	0.0	N	Y a, m, p
Bottlenose dolphin	Northern Gulf of Mexico Continental shelf edge and slope	ATL	SEC	4,530	0.04	0.5	45	2.8	2.8	N	N (1995)
Bottlenose dolphin	Western Gulf of Mexico	ATL	SEC	2,938	0.04	0.5	29	13	13	N	N (1996)

Species	Stock Area	SRG Region	NMFS Center	Nmin	Rmax	Fr	PBR	Total Annual Mort.	Annual Fish. Mort.	Strategic Status	SAR Revised
Bottlenose dolphin	Northern Gulf of Mexico Oceanic	ATL	SEC	1,607	0.04	0.5	16	0.0	0.0	N	Y a, m, p
Bottlenose dolphin	Eastern Gulf of Mexico	ATL	SEC	8,963	0.04	0.5	90	8	8	N	N (1996)
Bottlenose dolphin	Gulf of Mexico bay, sound, and estuarine	ATL	SEC	3,933	0.04	0.5	39	N/A	N/A	Y	N (2000)
Atlantic spotted dolphin	Northern Gulf of Mexico	ATL	SEC	24,752 ¹⁷	0.04	0.5	248 ¹⁷	0.0	0.0	N	Y a, m, p
Pantropical spotted dolphin	Northern Gulf of Mexico	ATL	SEC	79,879	0.04	0.5	799	0.0	0.0	N	Y a, m, p
Striped dolphin	Northern Gulf of Mexico	ATL	SEC	4,599	0.04	0.5	46	0.0	0.0	N	Y a, m, p
Spinner dolphin	Northern Gulf of Mexico	ATL	SEC	6,990	0.04	0.5	70	0.0	0.0	N	Y a, m, p
Rough-toothed dolphin	Northern Gulf of Mexico	ATL	SEC	1,595 ¹⁸	0.04	0.5	16 ¹⁸	0.0	0.0	N	Y a, m, p
Clymene's dolphin	Northern Gulf of Mexico	ATL	SEC	10,528	0.04	0.5	105	0.0	0.0	N	Y a, m, p
Fraser's dolphin	Northern Gulf of Mexico	ATL	SEC	726	0.04	0.5	4.3	0.0	0.0	N	Y a, m, p
Killer whale	Northern Gulf of Mexico	ATL	SEC	90	0.04	0.5	0.9	0.0	0.0	N	Y a, m, p
False killer whale	Northern Gulf of Mexico	ATL	SEC	606	0.04	0.5	6.1	1.0	1.0	N	Y a, m, p
Pygmy killer whale	Northern Gulf of Mexico	ATL	SEC	256	0.04	0.5	2.6	0.0	0.0	N	Y a, m, p
Dwarf sperm whale	Northern Gulf of Mexico	ATL	SEC	584 ⁵	0.04	0.5	5.8 ⁵	0.0	0.0	N	Y a, m, p
Pygmy sperm whale	Northern Gulf of Mexico	ATL	SEC	584 ⁵	0.04	0.5	5.8 ⁵	0.0	0.0	N	Y a, m, p
Melon-headed whale	Northern Gulf of Mexico	ATL	SEC	2,238	0.04	0.5	22	0.0	0.0	N	Y a, m, p
Risso's dolphin	Northern Gulf of Mexico Oceanic	ATL	SEC	1,668	0.04	0.5	17	0.0	0.0	N	Y a, m, p
Pilot whale, short-finned ¹⁹	Northern Gulf of Mexico	ATL	SEC	1,628	0.04	0.5	16	0.0	0.0	N	Y a, m, p

1. The total estimated human-caused mortality and serious injury to right whales is estimated at 2.0 per year (USA waters, 1.2; Canadian waters, 0.8). This is derived from two components: 1) non-observed fishery entanglement records at 1.2 per year (USA waters, 0.6 ; Canadian waters, 0.6), and 2) ship strike records at 0.8 per year (USA waters, 0.6 ; Canadian waters, 0.2).
2. The total estimated human-caused mortality and serious injury to the Gulf of Maine humpback whale stock is estimated as 2.6 per year (USA waters, 2.0; Canadian waters, 0.6). This average is derived from two components: 1) incidental fishery interaction records 2.2 (USA waters, 1.6; Canadian waters, 0.6); and 2) records of vessel collisions, 0.4 (USA waters, 0.4; Canadian waters, 0).
3. This is based on a review of NMFS records from 1997-2001, that yielded an average of 2.0 human caused mortality; 1.4 ship strikes (all USA waters) and 0.6 fishery interactions/entanglements (0.2 in USA waters; 0.2 in Canadian waters; 0.2 in Bermudian waters).
4. During 1997 to 2001, the USA total annual estimated average human-caused mortality is 3.6 minke whales per year. This is derived from three components: 0 minke whales per year (CV=0.0) from USA fisheries using observer data, 3.4 minke whales per year from USA fisheries using strandings and entanglement data, and 0.2 minke whales per year from ship strikes.
5. This estimate may include both the dwarf and pygmy sperm whales.
6. This estimate includes Cuvier's beaked whales and undifferentiated *Mesoplodon* spp. beaked whales.
7. This is the average mortality of undifferentiated beaked whales (*Mesoplodon* spp.)
8. This estimate may include both long-finned and short-finned pilot whales.
9. Mortality data are not separated by species; therefore, species-specific estimates are not available. This mortality estimate represents both long-finned and short-finned pilot whales.
10. Estimates may include sightings of the coastal form.
11. Mortality data are not separated by species; therefore, species-specific estimates are not available. The mortality estimate represents both Atlantic and Pantropical spotted dolphins
12. The total annual estimated average human-caused mortality is 365 (CV=0.23) harbor porpoises per year. This is derived from four components: 310 harbor porpoise per year (CV=0.23) from USA fisheries using observer data, 46 per year (unknown CV) from Canadian fisheries using observer data, 8 per year from USA unknown fisheries using strandings data, and 1 per year from unknown human-caused mortality (a mutilated stranded harbor porpoise).
13. The total estimated human caused annual mortality and serious injury to harp seals was 287,949. This is derived from four components: 1) the 1997-2001 average catches of Northwest Atlantic harp seals by Canada and Greenland was 268,337; 2) the 1997-2001 average bycatches in the Newfoundland lumpfish fishery (16,000 - 23,000 annually); 3) the 1997-2001 observed bycatch in USA fisheries was 109 harp seals (CV= 0.31); and 4) the average 1997 to 2001 stranding mortalities showing signs of human interaction was 3.
14. For the period 1997 to 2001, the total estimated human caused mortality and serious injury to hooded seals was 10,393. This is derived from two components: 1) 10,377 from 1997-2001 (1997=14,558; 1998=16,476; 1999^a= 7,287; 2000^b= 6,717; and 2001^b= 6,847) average catches of Northwest Atlantic population of hooded seals by Canada and Greenland; and 2) 16 hooded seals (CV=1.14) from the observed USA fisheries. [^a 1999 Greenland catches are provisional; ^b 1998-1999 average Greenland catches]
15. This estimate includes all *Mesoplodon* spp.
16. Several seasonal management units have been defined for the coastal bottlenose dolphin. Each has a unique abundance estimate, PBR and mortality estimate provided in the Western North Atlantic coastal bottlenose dolphin species section of the text.
17. The combined estimated abundance of Atlantic spotted dolphins, pooled from 1998 through 2001, for the outer continental shelf shipboard surveys was 30,772 (CV=0.27) (Fulling *et al.*, 2003).
18. The combined estimated abundance of rough-toothed dolphins, pooled from 1998 through 2001, for the outer continental shelf shipboard surveys was 1,238 (CV=0.65).
19. This estimate includes all *Globicephala* sp., though it is presumed that only short-finned pilot whales are present in the Gulf of Mexico.