

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 2002 stock assessment reports that have been revised relative to the 2001 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 North Atlantic	ATL	NEC	291	0	0.1	0.0	1.8 <sup>1</sup>	1.0 <sup>1</sup>	Y	Y m
Humpback whale	Gulf of Maine	ATL	NEC	647	0.04	0.1	1.3	3.0 <sup>2</sup>	2.8 <sup>2</sup>	Y	Y a,m,p
Fin whale	Western North Atlantic	ATL	NEC	2,362	0.04	0.1	4.7	1.6 <sup>3</sup>	0.43	Y	Y m
Sei whale	Nova Scotia	ATL	NEC	N/A	0.04	0.1	N/A	0.00	0.00	Y	Y
Minke whale	Canadian east coast	ATL	NEC	3,515	0.04	0.5	35	2.6 <sup>4</sup>	2.4 <sup>4</sup>	N	Y m
Blue whale	Western North Atlantic	ATL	NEC	308	0.04	0.1	N/A	0.2	0.00	Y	Y p
Sperm whale	North Atlantic	ATL	NEC	3,505	0.04	0.1	7.0	0.00	0.2	Y	Y m
Dwarf sperm whale	Western North Atlantic	ATL	SEC	373 <sup>5</sup>	0.04	0.5	3.7	0	0	N	Y m
Pygmy sperm whale	Western North Atlantic	ATL	SEC	373 <sup>5</sup>	0.04	0.5	3.7	6	6	Y	Y m
Killer whale	Western North Atlantic	ATL	NEC	N/A	0.04	N/A	N/A	0.00	0.00	N	N (1995)
Pygmy killer whale	Western North Atlantic	ATL	SEC	6	0.04	0.5	0.1	0.00	0.00	N	N (1995)
Northern bottlenose whale	Western North Atlantic	ATL	NEC	N/A	0.04	N/A	N/A	0.00	0.00	N	N (1998)
Cuvier's beaked whale	Western North Atlantic	ATL	NEC	2,419 <sup>6</sup>	0.04	0.5	24	0	0 <sup>7</sup>	Y	Y m
<i>Mesoplodon</i> beaked whales	Western North Atlantic	ATL	NEC	2,419 <sup>6</sup>	0.04	0.5	24	0	0 <sup>7</sup>	Y	Y m
Risso's dolphin	Western North Atlantic	ATL	NEC	22,916	0.04	0.48	220	51	51	N	Y m,p
Pilot whale, long-finned	Western North Atlantic	ATL	NEC	11,343 <sup>8</sup>	0.04	0.48	108	199 <sup>9</sup>	199 <sup>9</sup>	Y	Y m
Pilot whale, short-finned	Western North Atlantic	ATL	SEC	11,343 <sup>8</sup>	0.04	0.48	108	199 <sup>9</sup>	199 <sup>9</sup>	Y	Y m
Atlantic white-sided dolphin	Western North Atlantic	ATL	NEC	37,904	0.04	0.48	364	118	118	N	Y m
White-beaked dolphin	Western North Atlantic	ATL	NEC	N/A	0.04	N/A	N/A	0.00	0.00	N	N (1997)

Species	Stock Area	SRG Region	NMFS Center	Nmin	Rmax	Fr	PBR	Total Annual Mort.	Annual Fish. Mort.	Strategic Status	SAR Revised
Common dolphin	Western North Atlantic	ATL	NEC	23,655	0.04	0.48	227	375	375	Y	Y m
Atlantic spotted dolphin	Western North Atlantic	ATL	NEC	27,785 <sup>10</sup>	0.04	0.5	278	7.8 <sup>11</sup>	7.8 <sup>11</sup>	N	N (2000)
Pantropical spotted dolphin	Western North Atlantic	ATL	SEC	8,450	0.04	0.5	84	1 <sup>11</sup>	1 <sup>11</sup>	N	Y m
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	N/A	N/A	N/A	N/A	0.31	0.31	N	N (1998)
Bottlenose dolphin	Western North Atlantic, offshore	ATL	SEC	24,897 <sup>10</sup>	0.04	0.5	249	27	27	N	Y m
Bottlenose dolphin	Western North Atlantic, coastal	ATL	SEC	N/A <sup>14</sup>	0.04	0.5	N/A <sup>14</sup>	N/A <sup>14</sup>	N/A <sup>14</sup>	Y	Y a, m, p
Harbor porpoise	Gulf of Maine/ Bay of Fundy	ATL	NEC	74,695	0.04	0.5	747	459 <sup>12</sup>	435 <sup>12</sup>	Y	Y m
Harbor seal	Western North Atlantic	ATL	NEC	30,990	0.12	1.0	1,859	857	843	N	Y m
Gray seal	Western North Atlantic	ATL	NEC	NA	NA	NA	NA	307	118	N	Y m
Harp seal	Western North Atlantic	ATL	NEC	N/A	N/A	N/A	N/A	321,222 <sup>13</sup>	111	N	Y m
Hooded seal	Western North Atlantic	ATL	NEC	N/A	N/A	N/A	N/A	5.6	5.6	N	N (1998)
Sperm whale	Northern Gulf of Mexico	ATL	SEC	411	0.04	0.1	0.8	0.00	0.00	Y	N (1995)
Bryde's whale	Northern Gulf of Mexico	ATL	SEC	17	0.04	0.5	0.2	0.00	0.00	N	N (1995)
Cuvier's beaked whale	Northern Gulf of Mexico	ATL	SEC	20	0.04	0.5	0.2	0.00	0.00	N	N (1995)
Blainville's beaked whale	Northern Gulf of Mexico	ATL	SEC	N/A	N/A	N/A	N/A	0.00	0.00	N	N (1995)
Gervais' beaked whale	Northern Gulf of Mexico	ATL	SEC	N/A	N/A	N/A	N/A	0.00	0.00	N	N (1995)
Bottlenose dolphin	Gulf of Mexico Outer continental shelf	ATL	SEC	43,233	0.04	0.5	432	2.8	2.8	N	N (1995)
Bottlenose dolphin	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)

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Bottlenose dolphin	Northern Gulf of Mexico	ATL	SEC	3,518	0.04	0.5	35	10	10	N	N (1996)
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	2,255	0.04	0.5	23	1.5	1.5	N	N (1995)
Pantropical spotted dolphin	Northern Gulf of Mexico	ATL	SEC	26,510	0.04	0.5	265	1.5	1.5	N	N (1995)
Striped dolphin	Northern Gulf of Mexico	ATL	SEC	3,409	0.04	0.5	34	0.00	0.00	N	N (1995)
Spinner dolphin	Northern Gulf of Mexico	ATL	SEC	4,465	0.04	0.5	45	0.00	0.00	N	N (1995)
Rough-toothed dolphin	Northern Gulf of Mexico	ATL	SEC	660	0.04	0.5	6.6	0.00	0.00	N	N (1995)
Clymene dolphin	Northern Gulf of Mexico	ATL	SEC	4,120	0.04	0.5	41	0.00	0.00	N	N (1995)
Fraser's dolphin	Northern Gulf of Mexico	ATL	SEC	66	0.04	0.5	0.7	0.00	0.00	N	N (1995)
Killer whale	Northern Gulf of Mexico	ATL	SEC	197	0.04	0.5	2.0	0.00	0.00	N	N (1995)
False killer whale	Northern Gulf of Mexico	ATL	SEC	236	0.04	0.5	2.4	0.00	0.00	N	N (1995)
Pygmy killer whale	Northern Gulf of Mexico	ATL	SEC	285	0.04	0.05	2.8	0.00	0.00	N	N (1995)
Dwarf sperm whale	Northern Gulf of Mexico	ATL	SEC	N/A	0.04	N/A	N/A	0.00	0.00	N	N (2000)
Pygmy sperm whale	Northern Gulf of Mexico	ATL	SEC	N/A	0.04	N/A	N/A	0.00	0.00	N	N (2000)
Melon-headed whale	Northern Gulf of Mexico	ATL	SEC	2,888	0.04	0.5	29	0.00	0.00	N	N (1995)
Risso's dolphin	Northern Gulf of Mexico	ATL	SEC	2,199	0.04	0.5	22	19	19	N	N (1995)
Pilot whale, short-finned	Northern Gulf of Mexico	ATL	SEC	186	0.04	0.5	1.9	0.3	0.3	Y	N (1995)

1. The total estimated human-caused mortality and serious injury to right whales is estimated at 1.8 per year (USA waters, 1.2; Canadian waters, 0.6). This is derived from two components: 1) non-observed fishery entanglement records at 1.0 per year (USA waters, 0.6 ; Canadian waters, 0.4 ), 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 3.0 per year (USA waters, 2.4; Canadian waters, 0.6). This average is derived from two components: 1) incidental fishery interaction records 2.8 (USA waters, 2.2; Canadian waters, 0.6); and 2) records of vessel collisions, 0.2 (USA waters, 0.2; Canadian waters, 0).

3. This is based on a review of NMFS anecdotal records from 1996-2000, that yielded an average of 1.6 human caused mortality -1.2 ship strikes (all US waters), 0.4 fishery interactions (0.2 US waters, 0.2 Canadian waters).
4. During 1996 to 2000, the USA total annual estimated average human-caused mortality is 2.6 minke whales per year. This is derived from three components: 0 minke whales per year (CV=0.0) from USA fisheries using observer data, 2.4 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. Total annual mortality includes Nova Scotia 1996 average of 6 long-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 459 harbor porpoises per year. This is derived from four components: 425 harbor porpoise per year (CV=0.24) from USA fisheries using observer data, 23 per year (unknown CV) from Canadian fisheries using observer data, 10 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 321,222. This is derived from three components: 1) 1996-2000 average catches of Northwest Atlantic harp seals by Canada and Greenland 301,611; 2) 1996-2000 average bycatches in the Newfoundland lumpfish fishery (16,000 - 23,000 annually); and 3) the 1996-2000 observed USA fisheries, 111 harp seals (CV= 0.29)
14. 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.