

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.

Total Annual S.I. (serious injury) and Mortality and Annual Fisheries S.I. and Mortality are mean annual figures for the period 2006-2010. The “SAR revised” column indicates 2012 stock assessment reports that have been revised relative to the 2011 reports (Y=yes, N=no). If abundance, mortality, PBR or status have been revised, they are indicated with the letters “a”, “m”, “p” and “status” respectively. For those species not updated in this edition, the year of last revision is indicated. Unk = unknown and undet=undetermined (PBR for species with outdated abundance estimates is considered "undetermined").

Species	Stock Area	NMFS Ctr.	Nbest	Nbest CV	Nmin	Rmax	Fr	PBR	Total Annual S.I and Mort.	Annual Fish. S.I. and Mort. (cv)	Strategic Status	SAR Revised
North Atlantic right whale	Western North Atlantic	NEC	444	0	444	0.04 ^a	0.1	0.9	3.0 ^a	1.8 ^a	Y	Y a, m, p
Humpback whale	Gulf of Maine	NEC	823	0	823	0.065	0.1	2.7	7.8 ^b	5.8 ^b	Y	Y a, m, p
Fin whale	Western North Atlantic	NEC	This report is still under review.									Y a, m, p
Sei whale	Nova Scotia	NEC	This report is still under review.									Y a, m, p
Minke whale	Canadian east coast	NEC	This report is still under review.									Y a, m, p
Blue whale	Western North Atlantic	NEC	unk	unk	440	0.04	0.1	0.9	unk	unk	Y	N (2010)
Sperm whale	North Atlantic	NEC	This report is still under review.									Y a, m, p
Dwarf sperm whale	Western North Atlantic	SEC	1,042	0.65	632	0.04	0.5	6.3	0	0	N	Y a, m, p
Pygmy sperm whale	Western North Atlantic	SEC	741	0.40	535	0.04	0.5	5.4	0	0	N	Y a, m, p
Killer whale	Western North Atlantic	NEC	unk	unk	unk	0.04	0.5	unk	0	0	N	N (1995)
Pygmy killer whale	Western North Atlantic	SEC	unk	unk	unk	0.04	0.5	unk	0	0	N	N (2007)
Northern bottlenose whale	Western North Atlantic	NEC	unk	unk	unk	0.04	0.5	unk	0	0	N	N (2008)
Cuvier's beaked whale	Western North Atlantic	NEC	This report is still under review.									Y a, m, p
Blainville's beaked whale	Western North Atlantic	NEC	unk	unk	unk	0.04	0.5	unk	0	0	N	Y a, m, p
Gervais beaked whale	Western North Atlantic	NEC	This report is still under review.									Y a, m, p
Sowerby's beaked whale	Western North Atlantic	NEC	This report is still under review.									Y a, m, p
True's beaked whale	Western North Atlantic	NEC	unk	unk	unk	0.04	0.5	unk	0	0	N	Y a, m, p

Melon-headed whale	Western North Atlantic	SEC	unk	unk	unk	0.04	0.5	unk	0	0	N	N (2007)
Risso's dolphin	Western North Atlantic	NEC	This report is still under review.									Y a, m, p
Pilot whale, long-finned	Western North Atlantic	NEC	12,619	0.37	9,333	0.04	0.5	93	162 ^c	162 (0.15)	Y	N (2011)
Pilot whale, short-finned	Western North Atlantic	SEC	24,674	0.45	17,190	0.04	0.5	172	162 ^c	162 (0.15)	N	N (2011)
Atlantic white-sided dolphin	Western North Atlantic	NEC	This report is still under review.									Y a, m, p.
White-beaked dolphin	Western North Atlantic	NEC	2,003	0.94	1,023	0.04	0.5	10	0	0	N	N (2007)
Short-beaked common dolphin	Western North Atlantic	NEC	67,191	0.29	52,893	0.04	0.5	529	166	166 (0.11)	N	Y a, m, p
Atlantic spotted dolphin	Western North Atlantic	SEC	26,798	0.66	16,151	0.04	0.5	162	0.2	0	N	Y a,m,p
Pantropical spotted dolphin	Western North Atlantic	SEC	4,439	0.49	3,010	0.04	0.5	30	6	6 (1.0)	N	N (2007)
Striped dolphin	Western North Atlantic	NEC	46,882	0.33	35,763	0.04	0.5	358	0	0	N	Y a, m, p
Fraser's dolphin	Western North Atlantic	SEC	unk	unk	unk	0.04	0.5	unk	0	0	N	N (2007)
Rough-toothed dolphin	Western North Atlantic	SEC	unk	unk	unk	0.04	0.5	unk	0	0	N	N (2008)
Clymene dolphin	Western North Atlantic	SEC	unk	unk	unk	0.04	0.5	undet	0	0	N	N (2007)
Spinner dolphin	Western North Atlantic	SEC	unk	unk	unk	0.04	0.5	unk	0	0	N	N (2007)
Bottlenose dolphin	Western North Atlantic, offshore	SEC	81,588 ^d	0.17	70,775 ^d	0.04	0.4	566	unk	unk	N	N (2008)
Bottlenose dolphin	Western North Atlantic, coastal, northern migratory	SEC	9,604	0.36	7,147	0.04	0.5	71	5.9-8.2	5.9-8.2	Y	N (2010)
Bottlenose dolphin	Western North Atlantic, coastal, southern migratory	SEC	12,482	0.32	9,591	0.04	0.5	96	24-55	24-55	Y	N (2010)
Bottlenose dolphin	Western North Atlantic, coastal, S. Carolina/Georgia	SEC	7,738	0.23	6,399	0.04	0.5	64	unk	unk	Y	N (2010)
Bottlenose dolphin	Western North Atlantic, coastal, northern Florida	SEC	3,064	0.24	2,511	0.04	0.5	25	unk	unk	Y	N (2010)
Bottlenose dolphin	Western North Atlantic, coastal, central Florida	SEC	6,318	0.26	5,094	0.04	0.5	51	unk	unk	Y	N (2010)

Bottlenose dolphin	Northern North Carolina Estuarine System	SEC	950	0.23	785	0.04	0.5	7.9	4.1-22.6	4.1-22.6	Y	Y a, p
Bottlenose dolphin	Southern North Carolina Estuarine System	SEC	2,454	0.53	1,614	0.04	0.5	16	0.6-1.2	0.6-1.2	Y	N (2010)
Bottlenose dolphin	Charleston Estuarine System	SEC	unk	unk	unk	0.04	0.5	unk	unk	unk	Y	N (2009)
Bottlenose dolphin	Northern Georgia/ Southern South Carolina Estuarine System	SEC	unk	unk	unk	0.04	0.5	unk	unk	unk	Y	N (2009)
Bottlenose dolphin	Southern Georgia Estuarine System	SEC	unk	unk	unk	0.04	0.5	unk	unk	unk	Y	N (2009)
Bottlenose dolphin	Jacksonville Estuarine System	SEC	unk	unk	unk	0.04	0.5	unk	unk	unk	Y	N (2009)
Bottlenose dolphin	Indian River Lagoon Estuarine System	SEC	unk	unk	unk	0.04	0.5	unk	unk	unk	Y	N (2009)
Bottlenose dolphin	Biscayne Bay	SEC	unk	unk	unk	0.04	0.5	unk	unk	0.2	Y	N (2009)
Bottlenose dolphin	Florida Bay	SEC	514	0.17	447	0.04	0.5	4.5	unk	unk	N	N (2009)
Harbor porpoise	Gulf of Maine/Bay of Fundy	NEC	This report is still under review.									Y a, m, p
Harbor seal	Western North Atlantic	NEC	unk	unk	unk	0.12	0.5	undet	342	337 (0.15)	N	Y m
Gray seal	Western North Atlantic	NEC	unk	unk	unk	0.12	1.0	unk	5,250	850 (0.14)	N	Y m
Harp seal	Western North Atlantic	NEC	unk	unk	unk	0.12	1.0	unk	379,673 ^e	282 (0.19)	N	Y m
Hooded seal	Western North Atlantic	NEC	unk	unk	unk	0.12	0.75	unk	5,199 ^f	25(0.82)	N	N (2007)
Sperm whale	Gulf of Mexico Oceanic	SEC	763	0.38	560	0.04	0.1	1.1	0.2	0	Y	Y a, m, p
Bryde's whale	Gulf of Mexico Oceanic	SEC	33	1.07	16	0.04	0.5	0.1	0.2	0	Y	Y a, p
Cuvier's beaked whale	Gulf of Mexico Oceanic	SEC	74	1.04	36	0.04	0.5	0.4	0	0	N	Y a, p
Blainville's beaked whale	Gulf of Mexico Oceanic	SEC	149 ^m	0.91	77 ^m	0.04	0.5	0.8 ⁿ	0	0	N	Y a, p
Gervais' beaked whale	Gulf of Mexico Oceanic	SEC	149 ^m	0.91	77 ^m	0.04	0.5	0.8 ⁿ	0	0	N	Y a, p

Bottlenose dolphin	Gulf of Mexico Continental shelf	SEC	unk	unk	unk	0.04	0.5	undet	unk	unk	N	Y Stranding and fishery data
Bottlenose dolphin	Gulf of Mexico, eastern coastal	SEC	7,702	0.19	6,551	0.04	0.5	66	unk	unk	N	Y Stranding and fishery data
Bottlenose dolphin	Gulf of Mexico, northern coastal	SEC	2,473	0.25	2,004	0.04	0.5	20	unk	unk	Y	Y Stranding and fishery data
Bottlenose dolphin	Gulf of Mexico, western coastal	SEC	unk	unk	unk	0.04	0.5	undet	unk	unk	Y	Y Stranding and fishery data
Bottlenose dolphin	Gulf of Mexico Oceanic	SEC	5,806	0.39	4,230	0.04	0.5	42	0.6	0.6 (1.0)	N	Y a, m, p
Bottlenose dolphin	Gulf of Mexico bay, sound, and estuary (29 stocks)	SEC	unk for all but 4 stocks	unk	unk for all but 4 stocks	0.04	0.5	undet for all but 4 stocks	unk	unk	Y for all	Y Stranding and fishery data
Bottlenose dolphin	Barataria Bay	SEC	unk	unk	unk	0.04	0.5	undet	unk	unk	Y	Y Stranding and fishery data
Bottlenose dolphin	St. Joseph Bay	SEC	146	0.18	126	0.04	0.5	1.3	unk	unk	Y	Y Stranding and fishery data
Bottlenose dolphin	Choctawhatchee Bay	SEC	179	0.04	173	0.04	0.5	1.7	unk	unk	Y	Y Stranding and fishery data
Atlantic spotted dolphin	Gulf of Mexico (Continental shelf and Oceanic)	SEC	unk	unk	unk	0.04	0.5	undet	unk	unk	N	Y Stranding and fishery data
Pantropical spotted dolphin	Gulf of Mexico Oceanic	SEC	50,880	0.27	40,699	0.04	0.5	407	3.2	3.2 (0.69)	N	Y a, m, p
Striped dolphin	Gulf of Mexico Oceanic	SEC	1,849	0.77	1,041	0.04	0.5	10	0	0	N	Y a, p
Spinner dolphin	Gulf of Mexico Oceanic	SEC	11,441	0.83	6,221	0.04	0.5	62	0	0	N	Y a, p
Rough-toothed dolphin	Gulf of Mexico (Outer continental shelf and Oceanic)	SEC	624	0.99	311	0.04	0.5	3	0	0	N	Y a, p
Clymene dolphin	Gulf of Mexico Oceanic	SEC	129	1.00	64	0.04	0.5	0.6	0	0	N	Y a, p
Fraser's dolphin	Gulf of Mexico Oceanic	SEC	unk	unk	unk	0.04	0.5	undet	0	0	N	Y a, p
Killer whale	Gulf of Mexico Oceanic	SEC	28	1.02	14	0.04	0.5	0.1	0	0	N	Y a, p
False killer whale	Gulf of Mexico Oceanic	SEC	unk	unk	unk	0.04	0.5	undet	0	0	N	Y a, p

Pygmy killer whale	Gulf of Mexico Oceanic	SEC	152	1.02	75	0.04	0.5	0.8	0	0	N	Y a, p
Dwarf sperm whale	Gulf of Mexico Oceanic	SEC	186 ^e	1.04	90 ^g	0.04	0.5	0.9 ^g	0	0	N	Y a, p
Pygmy sperm whale	Gulf of Mexico Oceanic	SEC	186 ^e	1.04	90 ^g	0.04	0.5	0.9 ^g	0.3	0.3 (1.0)	N	Y a, m, p
Melon-headed whale	Gulf of Mexico Oceanic	SEC	2,235	0.75	1,274	0.04	0.5	13	0	0	N	Y a, p
Risso's dolphin	Gulf of Mexico Oceanic	SEC	2,442	0.57	1,563	0.04	0.5	16	1.7	1.7 (0.63)	N	Y a, m, p
Pilot whale, short-finned ^h	Gulf of Mexico Oceanic	SEC	2,415	0.66	1456	0.04	0.5	15	0	0	N	Y a, p
Sperm Whale	Puerto Rico and US Virgin Islands stock	SEC	unk	unk	unk	0.04	0.1	unk	unk	unk	Y	N (2010)
Bottlenose dolphin	Puerto Rico and US Virgin Islands stock	SEC	unk	unk	unk	0.04	0.5	unk	unk	unk	Y	N (2011)
Cuvier's beaked whale	Puerto Rico and US Virgin Islands stock	SEC	unk	unk	unk	0.04	0.5	unk	unk	unk	Y	N (2011)
Pilot whale, short-finned	Puerto Rico and US Virgin Islands stock	SEC	unk	unk	unk	0.04	0.5	unk	unk	unk	Y	N (2011)
Spinner dolphin	Puerto Rico and US Virgin Islands stock	SEC	unk	unk	unk	0.04	0.5	unk	unk	unk	Y	N (2011)
Atlantic spotted dolphin	Puerto Rico and US Virgin Islands stock	SEC	unk	unk	unk	0.04	0.5	unk	unk	unk	Y	N (2011)

- a. The R given for right whales is the default Rmax of 0.04. The total estimated human-caused mortality and serious injury to right whales is estimated at 3.0 per year (USA waters, 1.4; Canadian waters, 0.6). This is derived from two components: 1) non-observed fishery entanglement records at 1.8 per year (USA waters, 1.6; Canadian waters, 0.2), and 2) ship strike records at 1.2 per year (USA waters, 0.8; Canadian waters, 0.4).
- b. The total estimated human-caused mortality and serious injury to the Gulf of Maine humpback whale stock is estimated as 7.8 per year (USA waters, 7.6; Canadian waters, 0.2). This average is derived from two components: 1) incidental fishery interaction records 5.8 (USA waters, 5.6; Canadian waters, 0.2); 2) records of vessel collisions, 2.0 (USA waters, 2.0; Canadian waters, 0)
- c. While abundance estimates have been attributed to each stock, the bycatch estimate includes both long-finned and short-finned pilot whales.
- d. Estimates may include sightings of the coastal form.
- e. The total estimated human caused annual mortality and serious injury to harp seals is 379,673. Estimated annual human caused mortality in US waters) 282 harp seals CV=0.19) from the observed US fisheries. The remaining mortality is derived from five components: 1) 2006-2010 average catches of Northwest Atlantic harp seals by Canada, 188,646; 2) 2006-2010 average Greenland Catch, 82,063; 3) 1,000 average catches in the Canadian Arctic; 4) 12,330 average bycatches in the Newfoundland lumpfish fishery; and 5) 95,347 average struck and lost animals.
- f. This is derived from three components: 1) 5,173 from 2001-2005 (2001 = 3,960; 2002 = 7,341; 2003 = 5,446, 2004=5,270; and 2005=3,846) average catches of Northwest Atlantic population of hooded seals by Canada and Greenland; 2) 25 hooded seals (CV=0.82) from the observed U.S. fisheries; and 3) one hooded seal from average 2001-2005 stranding mortalities resulting from non-fishery human interactions.
- g. This estimate includes Gervais' beaked whales and Blainville's beaked whales.
- h. This estimate includes all *Globicephala sp.*, though it is presumed that only short-finned pilot whales are present in the Gulf of Mexico.

Appendix 3. 2012 Pacific Marine Mammal Stock Assessment Reports. S=strategic stock; N=non-strategic stock. Shaded lines indicate reports revised in 2012. unk=unknown, undet=undetermined, n/a=not applicable.

Species	Stock Area	NMFS Center	N est	CV N est	N min	R max	Fr	PBR	Total Annual Mortality	Annual Fishery Mortality	Strategic Status	Recent Abundance Surveys	SAR		
									+ Serious Injury	+ Serious Injury			Last Revised		
Risso's dolphin	Hawaii	SWC	2,372	0.97	1,195	0.04	0.5	12	0	0	N	2002	2010		
Common Bottlenose dolphin	Hawaii Pelagic	SWC	3,178	0.59	2,006	0.04	0.45	18	≥0.4	≥0.4	N	2002	2010		
Common Bottlenose dolphin	Kaua'I and Ni'ihau	SWC	147	0.11	134	0.04	0.5	1.3	unk	unk	N	2003	2004	2005	2010
Common Bottlenose dolphin	O'ahu	SWC	594	0.54	388	0.04	0.5	3.9	unk	unk	N	2002	2003	2006	2010
Common Bottlenose dolphin	4 Islands Region	SWC	153	0.24	125	0.04	0.5	1.3	unk	unk	N	2002	2003	2006	2010
Common Bottlenose dolphin	Hawaii Island	SWC	102	0.13	91	0.04	0.5	0.9	unk	unk	N	2002	2003	2006	2010
Pantropical Spotted dolphin	Hawaii	PIC	8,978	0.48	6,701	0.04	0.5	61.0	0	0	N	2002	2010		
Spinner dolphin	Hawaii Pelagic	PIC	unk	unk	unk	0.04	0.5	undet	0	0	N	2002	2004	2010	2012
Spinner dolphin	Hawaii Island	PIC	790	0.17	685	0.04	0.5	6.9	unk	unk	N	1994	2003	2012	
Spinner dolphin	Oahu / 4 Islands	PIC	355	0.09	329	0.04	0.5	3.3	unk	unk	N	1993	1998	2007	2012
Spinner dolphin	Kaua'I / Ni'ihau	PIC	601	0	509	0.04	0.5	5.1	unk	unk	N	1995	1998	2005	2012
Spinner dolphin	Kure / Midway	PIC	unk	unk	unk	0.04	0.5	undet	unk	unk	N	1998	2010	2012	
Spinner dolphin	Pearl and Hermes Reef	PIC	unk	unk	unk	0.04	0.5	undet	unk	unk	N	n/a	n/a	n/a	2012
Spinner dolphin	American Samoa	PIC	unk	unk	unk	0.04	0.5	unk	unk	unk	unk	n/a	n/a	n/a	2010
Striped dolphin	Hawaii Pelagic	PIC	13,143	0.46	9,088	0.04	0.45	82	unk	unk	N	2002	2010		
Fraser's dolphin	Hawaii	PIC	10,226	1.16	4,700	0.04	0.5	47	0	0	N	2002	2010		
Melon-headed whale	Hawaii	PIC	2,950	1.17	1,350	0.04	0.5	14	0	0	N	2002	2010		
Pygmy killer whale	Hawaii	PIC	956	0.83	520	0.04	0.5	5.2	0	0	N	2002	2010		
False killer whale	Northwestern Hawaiian Islands	PIC	552	1.09	262	0.04	0.5	2.6	0	0	N	2010	2012		
False killer whale	Hawaii Pelagic	PIC	1,503	0.66	906	0.04	0.5	9.1	13.8	13.8	S	2002	2010	2012	
False killer whale	Palmyra Atoll	PIC	1,329	0.65	806	0.04	0.4	6.4	0.3	0.3	N	2005	2012		
False killer whale	Main Hawaiian Islands Insular	PIC	151	0.20	129	0.04	0.1	0.3	0.5	0.5	S	2007	2008	2009	2012
False killer whale	American Samoa	PIC	unk	unk	unk	0.04	0.5	unk	unk	unk	unk	n/a	n/a	n/a	2010
Killer whale	Hawaii	PIC	349	0.98	175	0.04	0.5	1.8	0	0	N	2002	2010		
Pilot whale, short-finned	Hawaii	PIC	8,846	0.49	5,986	0.04	0.4	48	0.7	0.7	N	2002	2010		
Blainville's beaked whale	Hawaii	PIC	2,872	1.17	1,314	0.04	0.5	13.0	0	0	N	2002	2010		
Longman's Beaked Whale	Hawaii	PIC	1,007	1.25	443	0.04	0.5	4.4	0	0	N	2002	2010		
Cuvier's beaked whale	Hawaii	PIC	15,242	1.43	6,269	0.04	0.5	63	0	0	N	2002	2010		
Pygmy sperm whale	Hawaii	PIC	7,138	1.12	3,341	0.04	0.5	33	0	0	N	2002	2010		
Dwarf sperm whale	Hawaii	PIC	17,519	0.74	10,043	0.04	0.5	100	0	0	N	2002	2010		
Sperm whale	Hawaii	PIC	6,919	0.81	3,805	0.04	0.1	7.6	0	0	S	2002	2010		
Blue whale	Central North Pacific	PIC	unk	unk	unk	0.04	0.1	undet	0	0	S	2002	2010		
Fin whale	Hawaii	PIC	174	0.72	101	0.04	0.1	0.2	0	0	S	2002	2010		
Bryde's whale	Hawaii	PIC	469	0.45	327	0.04	0.5	3.3	0	0	N	2002	2010		
Sei whale	Hawaii	PIC	77	1.06	37	0.04	0.1	0.1	0	0	S	2002	2010		
Minke whale	Hawaii	PIC	unk	unk	unk	0.04	0.5	undet	0	0	N	2002	2010		
Humpback whale	American Samoa	SWC	unk	unk	150	0.106	0.1	0.4	0	0	S	2006	2007	2008	2009
Sea Otter	Southern	USFWS	2,826	n/a	2,723	0.06	0.1	8	≥0.8	≥0.8	S	2006	2007	2008	2008
Sea Otter	Washington	USFWS	n/a	n/a	1,125	0.2	0.1	11	≥0.2	≥0.2	N	2006	2007	2008	2008

Appendix 2. Stock summary table (last revised 05/04/2012). Stock assessment reports for those stocks in boldface were updated in the 2012 draft stock assessments. N/A indicates data are unknown. UNDET (undetermined) PBR indicates data are available to calculate a PBR level but a determination has been made that calculating a PBR level using those data is inappropriate (see stock assessment for details).

Species	Stock	N (est)	CV	N(min)	Survey interval/ year of last survey	Rmax	F(r)	PBR	Fishery mort.	Subsist. mort.	Total mort.	Status
Baird's beaked whale	Alaska	N/A		N/A		0.04	0.50	N/A	0	0	0	NS
Bearded seal	Alaska	N/A		N/A		0.12	0.50	N/A	2.7	6,788	6,791	NS
Beluga whale	Beaufort Sea	39,258	0.23	32,453	19/1992	0.04	0.50	UNDET	0	126	126	NS
Beluga whale	E. Chukchi Sea	3,710	N/A	3,710	12/1998	0.04	1.00	UNDET	0	94.2	94.2	NS
Beluga whale	E. Bering Sea	28,406	0.24	20,231	10/2000	0.04	1.00	UNDET	0	192.6	192.6	NS
Beluga whale	Bristol Bay	2,877	0.2	2,467	6/2005	0.04	1.00	49	0.8 ⁵	20.0	20.8	NS
Beluga whale	Cook Inlet	315	0.13	283	1/2011	0.04	0.1	UNDET	0	0	0	S
Bowhead whale	W. Arctic	12,631	0.24	10,314	10/2004	0.04	0.50	103	0.2	38	38.2	S
Cuvier's beaked whale	Alaska	N/A		N/A		0.04	0.50	N/A	0	0	0	NS
Dall's porpoise	Alaska	83,400	0.097	N/A	18/1993	0.04	1.00	UNDET	28.9	0	28.9	NS
Fin whale	NE Pacific	5,700	N/A	5,700	8/2003	0.04	0.10	11.4	0	0	0.6	S
Harbor porpoise	SE Alaska	11,146	0.242	9,116	15/1997	0.04	0.50	UNDET	22.8¹	0	22.8	S
Harbor porpoise	Gulf of Alaska	31,046	0.214	25,987	14/1998	0.04	0.50	UNDET	72.0	0	72.0	S
Harbor porpoise	Bering Sea	48,215	0.223	40,039	12/1999	0.04	0.50	UNDET	0.5	0	0.9	S
Harbor seal	Aleutian Islands	3,579		3,313	7/2004	0.12	0.50	99	1.0	90	93.1	NS
Harbor seal	Pribilof Islands	232		232	1/2010	0.12	0.50	7	1.0	0	3.1	NS

Species	Stock	N (est)	CV	N(min)	Survey interval/ year of last survey	Rmax	F(r)	PBR	Fishery mort.	Subsist. mort.	Total mort.	Status
Harbor seal	Bristol Bay	18,577		17,690	6/2005	0.12	1.0	1,061	1.0	141	144.1	NS
Harbor seal	North Kodiak	4,509		4,272	5/2006	0.12	1.0	256	1.0	131	134.1	NS
Harbor seal	South Kodiak	11,117		10,645	5/2006	0.12	1.0	639	1.0	78	81.1	NS
Harbor seal	Prince William Sound	31,503		27,157	5/2006	0.12	0.5	815	25.0	439	466.1	NS
Harbor seal	Cook Inlet/ Shelikof	22,900		21,896	5/2006	0.12	1.0	1,314	1.0	233	236.1	NS
Harbor seal	Glacier Bay/ Icy Strait	5,042		4,735	4/2007	0.12	0.5	142	1.0	52	55.1	NS
Harbor seal	Lynn Canal/ Stephens	8,870		8,481	4/2007	0.12	0.5	254	1.0	30	33.1	NS
Harbor seal	Sitka/ Chatham	8,586		8,222	4/2007	0.12	0.5	247	1.0	222	225.1	NS
Harbor seal	Dixon/ Cape Decision	14,388		13,682	5/2003	0.12	1.0	821	1.0	157	160.1	NS
Harbor seal	Clarence Strait	23,289		22,471	5/2003	0.12	1.0	1,348	1.0	164	167.1	NS
Humpback whale	W. N. Pacific	938	0.30	732	5/2006	0.07	0.10	2.6/2.0	0.6	0	0.6	S
Humpback whale	CNP - entire stock	7,469	0.30	5,833	5/2004-2006	0.07	0.3	61.2	2.6	0	4.0 ⁴	S
	CNP – SEAK/NBC feeding area	2,883	0.3	2,251		0.07	0.3	23.6	2.0	0	2.8 ⁴	N/A
	CNP – GOA feeding area	2,845	0.3	2,222		0.07	0.10	7.8	1.6 ⁵		1.6 ⁵	N/A
	CNP – BS/AI feeding area	2,889	0.3	2,256		0.07	0.10	7.9	1.6 ⁵		1.6 ⁵	N/A
Killer whale	Alaska Resident	2,084 ³	N/A	2,084	8+/2009	0.04	0.50	20.8	1.5	0	1.5	NS
Killer whale	Northern Resident (British Columbia)	216 ³	N/A	216	10/2000	0.03	0.5	1.62	0	0	0	NS
Killer whale	AT1 transient	7³	N/A	7	1/2011	0.04	0.10	0	0	0	0	S
Killer whale	GOA, AI, BS Transient	552 ³	N/A	552	8+/2003	0.04	0.5	5.5	1.5	0	1.5	NS

Species	Stock	N (est)	CV	N(min)	Survey interval/ year of last survey	Rmax	F(r)	PBR	Fishery mort.	Subsist. mort.	Total mort.	Status
Killer whale	West Coast Transient	354 ³	N/A	354	1999	0.04	0.5	3.5	0	0	0	NS
Minke whale	Alaska	N/A		N/A		0.04	0.50	N/A	0	0	0.2	NS
Narwhal	Unidentified stock	N/A		N/A		0.04	0.50	N/A	0	0	0	NS
Northern fur seal	E. North Pacific	611,617	N/A	517,679	1/2010	0.086	0.50	11,130	3.2	496	500	S
Pacific white-sided dolphin	Cent. N. Pacific	26,880	N/A	N/A	12+/1990	0.04	0.50	UNDET	0	0	0	NS
Ribbon seal	Alaska	49,000 (provisional)		N/A	2/2008	0.12	0.50	N/A	2.25	193	195	NS
Right whale	E. N. Pacific	31	0.23	25.7	2010	0.04	0.10	0	0	0	0	S
Ringed seal	Alaska	N/A		N/A		0.12	0.50	N/A	1.75	9,567	9,570	NS
Sperm whale	N. Pacific	N/A		N/A		0.04	0.10	N/A	2.1	0	2.1	S
Spotted seal	Alaska	N/A		N/A		0.12	0.50	N/A	1.0	5,265	5,266	NS
Stejneger's beaked whale	Alaska	N/A		N/A		0.04	0.50	N/A	0	0	0	NS
Steller sea lion	E. U. S.	58,334- 72,223		52,847	2/2009	0.12	0.75	2,378	45.8⁴	11.9	59.1	S
Steller sea lion	W. U. S.	45,916		45,916	1/2011	0.12	0.10	275	33.8	198	232	S

C.F. = correction factor; CV C.F. = CV of correction factor; Comb. CV = combined CV; Status: S = Strategic, NS = Not Strategic.

¹ No or minimal reported take by fishery observers; however, observer coverage was minimal or nonexistent.

² Recent changes in the abundance estimates do not indicate a major population increase. Instead, these increases are due to new analytical methods that take environmental covariates into account and thus provide an improved estimate of harbor seal abundance.

³ N(est) based on counts of individual animals identified from photo-identification catalogs. Surveys for abundance estimates of these stocks are conducted infrequently.

⁴ Includes entanglements from recreational or subsistence fisheries.

⁵ Mortality and serious injury estimates calculated for humpbacks in the northern area of the Central North Pacific humpback whale stock range (Gulf of Alaska, Aleutian Islands, and Bering Sea).