

Appendix 2. Stock summary table (last revised 7/20/2011). Stock assessment reports for those stocks in boldface were updated in the 2011 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	0.8⁵	20.0	20.8	NS
Beluga whale	Cook Inlet	345	0.13	309	1/2010	0.04	0.1	UNDET	0	0	0	S
Bowhead whale	W. Arctic	10,545	0.13	9,472	9/2001	0.04	0.50	95	0.2	39.6	40	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	15/1993	0.04	1.00	UNDET	28.4	0	28.4	NS
Fin whale	NE Pacific	5,700	N/A	5,700	7/2003	0.04	0.10	11.4	0	0	0.4	S
Gray whale	E. N. Pacific	19,126	0.07	18,017	2/2007	0.04	1.00	360	3.3	121	127	NS
Harbor porpoise	SE Alaska	11,146	0.242	9,116	12/1997	0.04	0.50	UNDET	22.8¹	0	22.8	S
Harbor porpoise	Gulf of Alaska	31,046	0.214	25,987	11/1998	0.04	0.50	UNDET	72	0	74	S
Harbor porpoise	Bering Sea	48,215	0.223	40,039	10/1999	0.04	0.50	UNDET	0.7	0	2	S
Harbor seal	Aleutian Islands	3,579		3,313	3/2010	0.12	0.50	99	0.4	90		NS
Harbor seal	Pribilof Islands	232		232	3/2010	0.12	0.50	7	0.4	0		NS
Harbor seal	Bristol Bay	18,577		17,690	3/2010	0.12	1.0	1,061	0.4	141		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	North Kodiak	4,509		4,272	3/2010	0.12	1.0	256	0.4	131		NS
Harbor seal	South Kodiak	11,117		10,645	3/2010	0.12	1.0	639	0.4	78		NS
Harbor seal	Prince William Sound	31,503		27,157	3/2010	0.12	0.5	815	24.4	439		NS
Harbor seal	Cook Inlet/ Shelikof	22,900		21,896	3/2010	0.12	1.0	1,314	0.4	233		NS
Harbor seal	Glacier Bay/ Icy Strait	5,042		4,735	3/2010	0.12	0.5	142	0.4	52		NS
Harbor seal	Lynn Canal/ Stephens	8,870		8,481	3/2010	0.12	0.5	254	0.4	30		NS
Harbor seal	Sitka/ Chatham	8,586		8,222	3/2010	0.12	0.5	247	0.4	222		NS
Harbor seal	Dixon/ Cape Decision	14,388		13,682	3/2010	0.12	1.0	821	0.4	157		NS
Harbor seal	Clarence Strait	23,289		22,471	3/2010	0.12	1.0	1,348	0.4	164		NS
Humpback whale	W. N. Pacific	938	0.30	732	4/2006	0.07	0.10	2.6/2.0	0	0	0	S
Humpback whale	CNP - entire stock	7,469	0.30	5,833	4/2004-2006	0.07	0.3	61.2	3.8	0	5.6 ⁴	S
	CNP – SEAK/NBC feeding area	2,883	0.3	2,251		0.07	0.3	23.6	2.4	0	4.0 ⁴	N/A
	CNP – GOA feeding area	2,845	0.3	2,222		0.07	0.10	7.8	1.6 ⁵		1.8 ⁵	N/A
	CNP – BS/AI feeding area	2,889	0.3	2,256		0.07	0.10	7.9	1.6 ⁵		1.8 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		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
Killer whale	West Coast Transient	354 ³	N/A	354		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	NS
Narwhal	Unidentified stock	N/A		N/A		0.04	0.50	N/A	0	0	0	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
Northern fur seal	E. North Pacific	653,171	N/A	642,265	1/2008	0.086	0.50	13,809	2.7	530	534.7	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	N/A	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	2.8	0	2.8	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	4/2009	0.12	0.75	2,378	33.5⁴	10	48.3	S
Steller sea lion	W. U. S.	42,286		42,286	1/2010	0.12	0.10	253	28.5	198	227	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).