

Summary of information on Alaska marine mammal stocks

Table 20. This summary table of Alaska marine mammal stocks includes estimates of fishery mortality and native subsistence harvest levels up through 2006. Fishery mortality is expressed as an annual average for the time period 1998-2006.

Species	Stock	N (est)	CV	N(min)	Rmax	F(r)	PBR	Fishery mort.	Subsist mort.	Status
Baird's beaked whale	Alaska	n/a		n/a	0.04	0.5	n/a	0		NS
Bearded seal	Alaska	n/a		n/a	0.12	0.5	n/a	0.68	6,789	NS
Beluga whale	Beaufort Sea	39,258	0.229	32,453	0.04	1	649	0	152	NS
Beluga whale	E. Chukchi Sea	3,710	n/a	3,710	0.04	1	74	0	65	NS
Beluga whale	E. Bering Sea	18,142	0.24	14,898	0.04	1	298	0	209	NS
Beluga whale	Bristol Bay	1,888	n/a	1,619	0.04	1	32	0	19	NS
Beluga whale	Cook Inlet	278	0.18	238	0.04	0.3	Undet.	0	1	S
Bowhead whale	W. Arctic	10,545	0.13	9,472	0.04	0.5	95	0	39	S
Cuvier's beaked whale	Alaska	n/a		n/a	0.04	0.5	n/a	0	0	NS
Dall's porpoise	Alaska	Unkn.		Undet.	0.04	1	Undet.	30	0	NS
Fin whale	NE Pacific	n/a		n/a	0.02	0.1	n/a	0.8	0	S
Gray whale	E. N. Pacific	18,813	0.07	17,752	0.047	1	417	6.7	122	NS
Harbor Porpoise	SE Alaska	17,076	0.265	13,713	0.04	0.5	137	0	n/a	NS
Harbor porpoise	Gulf of Alaska	41,854	0.214	34,740	0.04	0.5	347	0	n/a	NS
Harbor porpoise	Bering Sea	66,078	0.232	54,492	0.04	0.5	545	0	n/a	NS
Harbor seal	SE Alaska	112,391	0.04	108,670	0.12	1	3,260	0	1,092	NS
Harbor seal	Gulf of Alaska	45,975	0.04	44,453	0.12	0.5	1,334	24.2	795	NS
Harbor seal	Bering Sea	21,651	0.1	20,109	0.12	0.5	603	1.3	174	NS
Humpback whale	W. N. Pacific	394	0.08	367	0.07	0.1	1.3	0.4	0	S
Humpback whale	Cent.N. Pacific	4,005	0.095	3,698	0.07	0.1	12.9	3	0	S
Humpback whale	CNP-SEAK feeding area	961	0.12	868	0.07	0.1	3	1	0	
Killer whale	Alaska resident	1123	n/a	1123	0.07	0.5	11.2	1.5	0	NS
Killer whale	GOA, BSAI transient	314	n/a	314	0.04	0.5	3.1	0.4	0	NS
Killer whale	AT1 transients	8			0.04	0.5	0	0	0	S
Minke whale	Alaska	n/a		n/a	0.04	0.5	n/a	0	0	NS
North Pacific right whale	E. N. Pacific	n/a		n/a	0.04	0.1	n/a	0	0	S
Northern fur seal	E. North Pacific	721,935		709,881	0.086	0.5	15,262	0.5	754	S
Pacific white-sided dolphin	Cent.N. Pacific	26,880		26,880	0.04	0.5	n/a	0	0	NS
Ribbon seal	Alaska	n/a		n/a	0.12	0.5	n/a	0.8	193	NS
Ringed seal	Alaska	n/a		n/a	0.12	0.5	n/a	0.71	9,567	NS
Sperm whale	N. Pacific	n/a		n/a	0.12	0.1	n/a	0.5	0	S
Spotted seal	Alaska	n/a		n/a	0.12	0.5	n/a	0.88	5,265	NS
Stejneger's beaked whale	Alaska	n/a		n/a	0.04	0.5	n/a	0	0	NS
Steller sea lion	E. U. S.	47,886		44,555	0.12	0.75	2,000	2.6	0	S
Steller sea lion	W.U. S.	38,988		48,988	0.12	0.1	234	24.6	191	S

CV = combined CV; Status: S=Strategic, NS=Not Strategic, n/a = not available.

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

** = this does not include intentional take in British Columbia