

**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
<b>Bearded seal</b>	<b>Alaska</b>	<b>N/A</b>		<b>N/A</b>		<b>0.12</b>	<b>0.50</b>	<b>N/A</b>	<b>2.7</b>	<b>6,788</b>	<b>6,791</b>	<b>NS</b>
<b>Beluga whale</b>	<b>Beaufort Sea</b>	<b>39,258</b>	<b>0.23</b>	<b>32,453</b>	<b>19/1992</b>	<b>0.04</b>	<b>0.50</b>	<b>UNDET</b>	<b>0</b>	<b>126</b>	<b>126</b>	<b>NS</b>
<b>Beluga whale</b>	<b>E. Chukchi Sea</b>	<b>3,710</b>	<b>N/A</b>	<b>3,710</b>	<b>12/1998</b>	<b>0.04</b>	<b>1.00</b>	<b>UNDET</b>	<b>0</b>	<b>94.2</b>	<b>94.2</b>	<b>NS</b>
<b>Beluga whale</b>	<b>E. Bering Sea</b>	<b>28,406</b>	<b>0.24</b>	<b>20,231</b>	<b>10/2000</b>	<b>0.04</b>	<b>1.00</b>	<b>UNDET</b>	<b>0</b>	<b>192.6</b>	<b>192.6</b>	<b>NS</b>
<b>Beluga whale</b>	<b>Bristol Bay</b>	<b>2,877</b>	<b>0.2</b>	<b>2,467</b>	<b>6/2005</b>	<b>0.04</b>	<b>1.00</b>	<b>49</b>	<b>0.8<sup>5</sup></b>	<b>20.0</b>	<b>20.8</b>	<b>NS</b>
<b>Beluga whale</b>	<b>Cook Inlet</b>	<b>345</b>	<b>0.13</b>	<b>309</b>	<b>1/2010</b>	<b>0.04</b>	<b>0.1</b>	<b>UNDET</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>S</b>
<b>Bowhead whale</b>	<b>W. Arctic</b>	<b>10,545</b>	<b>0.13</b>	<b>9,472</b>	<b>9/2001</b>	<b>0.04</b>	<b>0.50</b>	<b>95</b>	<b>0.2</b>	<b>39.6</b>	<b>40</b>	<b>S</b>
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
<b>Fin whale</b>	<b>NE Pacific</b>	<b>5,700</b>	<b>N/A</b>	<b>5,700</b>	<b>7/2003</b>	<b>0.04</b>	<b>0.10</b>	<b>11.4</b>	<b>0</b>	<b>0</b>	<b>0.4</b>	<b>S</b>
<b>Gray whale</b>	<b>E. N. Pacific</b>	<b>19,126</b>	<b>0.07</b>	<b>18,017</b>	<b>2/2007</b>	<b>0.04</b>	<b>1.00</b>	<b>360</b>	<b>3.3</b>	<b>121</b>	<b>127</b>	<b>NS</b>
<b>Harbor porpoise</b>	<b>SE Alaska</b>	<b>11,146</b>	<b>0.242</b>	<b>9,116</b>	<b>12/1997</b>	<b>0.04</b>	<b>0.50</b>	<b>UNDET</b>	<b>22.8<sup>1</sup></b>	<b>0</b>	<b>22.8</b>	<b>S</b>
<b>Harbor porpoise</b>	<b>Gulf of Alaska</b>	<b>31,046</b>	<b>0.214</b>	<b>25,987</b>	<b>11/1998</b>	<b>0.04</b>	<b>0.50</b>	<b>UNDET</b>	<b>72</b>	<b>0</b>	<b>74</b>	<b>S</b>
<b>Harbor porpoise</b>	<b>Bering Sea</b>	<b>48,215</b>	<b>0.223</b>	<b>40,039</b>	<b>10/1999</b>	<b>0.04</b>	<b>0.50</b>	<b>UNDET</b>	<b>0.7</b>	<b>0</b>	<b>2</b>	<b>S</b>
<b>Harbor seal</b>	<b>Aleutian Islands</b>	<b>3,579</b>		<b>3,313</b>	<b>3/2010</b>	<b>0.12</b>	<b>0.50</b>	<b>99</b>	<b>0.4</b>	<b>90</b>		<b>NS</b>
<b>Harbor seal</b>	<b>Pribilof Islands</b>	<b>232</b>		<b>232</b>	<b>3/2010</b>	<b>0.12</b>	<b>0.50</b>	<b>7</b>	<b>0.4</b>	<b>0</b>		<b>NS</b>
<b>Harbor seal</b>	<b>Bristol Bay</b>	<b>18,577</b>		<b>17,690</b>	<b>3/2010</b>	<b>0.12</b>	<b>1.0</b>	<b>1,061</b>	<b>0.4</b>	<b>141</b>		<b>NS</b>

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 <sup>4</sup>	S
	CNP – SEAK/NBC feeding area	2,883	0.3	2,251		0.07	0.3	23.6	2.4	0	4.0 <sup>4</sup>	N/A
	CNP – GOA feeding area	2,845	0.3	2,222		0.07	0.10	7.8	1.6 <sup>5</sup>		1.8 <sup>5</sup>	N/A
	CNP – BS/AI feeding area	2,889	0.3	2,256		0.07	0.10	7.9	1.6 <sup>5</sup>		1.8 <sup>5</sup>	N/A
Killer whale	Alaska Resident	2,084 <sup>3</sup>	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 <sup>3</sup>	N/A	216	10/2000	0.03	0.5	1.62	0	0	0	NS
<b>Killer whale</b>	<b>AT1 transient</b>	<b>7<sup>3</sup></b>	<b>N/A</b>	<b>7</b>		<b>0.04</b>	<b>0.10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>S</b>
Killer whale	GOA, AI, BS Transient	552 <sup>3</sup>	N/A	552	8+/2003	0.04	0.5	5.5	1.5	0	1.5	NS
Killer whale	West Coast Transient	354 <sup>3</sup>	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
<b>Northern fur seal</b>	<b>E. North Pacific</b>	<b>653,171</b>	<b>N/A</b>	<b>642,265</b>	<b>1/2008</b>	<b>0.086</b>	<b>0.50</b>	<b>13,809</b>	<b>2.7</b>	<b>530</b>	<b>534.7</b>	<b>S</b>
Pacific white-sided dolphin	Cent. N. Pacific	26,880	N/A	N/A	12+/1990	0.04	0.50	UNDET	0	0	0	NS
<b>Ribbon seal</b>	<b>Alaska</b>	<b>49,000</b> (provisional)		<b>N/A</b>	<b>2/2008</b>	<b>0.12</b>	<b>0.50</b>	<b>N/A</b>	<b>2.25</b>	<b>193</b>	<b>195</b>	<b>NS</b>
<b>Right whale</b>	<b>E. N. Pacific</b>	<b>31</b>	<b>0.23</b>	<b>25.7</b>	<b>N/A</b>	<b>0.04</b>	<b>0.10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>S</b>
<b>Ringed seal</b>	<b>Alaska</b>	<b>N/A</b>		<b>N/A</b>		<b>0.12</b>	<b>0.50</b>	<b>N/A</b>	<b>1.75</b>	<b>9,567</b>	<b>9,570</b>	<b>NS</b>
<b>Sperm whale</b>	<b>N. Pacific</b>	<b>N/A</b>		<b>N/A</b>		<b>0.04</b>	<b>0.10</b>	<b>N/A</b>	<b>2.8</b>	<b>0</b>	<b>2.8</b>	<b>S</b>
<b>Spotted seal</b>	<b>Alaska</b>	<b>N/A</b>		<b>N/A</b>		<b>0.12</b>	<b>0.50</b>	<b>N/A</b>	<b>1.0</b>	<b>5,265</b>	<b>5,266</b>	<b>NS</b>
Stejneger's beaked whale	Alaska	N/A		N/A		0.04	0.50	N/A	0	0	0	NS
<b>Steller sea lion</b>	<b>E. U. S.</b>	<b>58,334-</b> <b>72,223</b>		<b>52,847</b>	<b>4/2009</b>	<b>0.12</b>	<b>0.75</b>	<b>2,378</b>	<b>33.5<sup>4</sup></b>	<b>10</b>	<b>48.3</b>	<b>S</b>
<b>Steller sea lion</b>	<b>W. U. S.</b>	<b>42,286</b>		<b>42,286</b>	<b>1/2010</b>	<b>0.12</b>	<b>0.10</b>	<b>253</b>	<b>28.5</b>	<b>198</b>	<b>227</b>	<b>S</b>

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

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

<sup>2</sup> 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.

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

<sup>4</sup> Includes entanglements from recreational or subsistence fisheries.

<sup>5</sup> 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).