

Appendix 3. 2011 Pacific Marine Mammal Stock Assessment Reports summary.
 Shaded lines indicate reports revised in 2011.

Species	Stock Area	NMFS Center	N est	CV N est	N min	R max	Fr	PBR	Total Annual Mortality + Serious Injury	Annual Fishery Mortality + Serious Injury	Strategic Status	Recent Abundance Surveys			SAR Last Revised
California sea lion	U.S.	SWC	296,750	n/a	153,337	0.12	1	9,200	≥431	≥337	N	2006	2007	2008	2011
Harbor seal	California	SWC	30,196	n/a	26,667	0.12	1	1,600	31	18	N	2002	2004	2009	2011
Harbor seal	Oregon/Washington Coast	AKC	unk	unk	unk	0.12	1	unk	≥3.8	≥1.8	N	1999			2010
Harbor seal	Washington Inland Waters	AKC	unk	unk	unk	0.12	1	unk	≥13.0	≥3.8	N	1999			2010
Northern Elephant Seal	California breeding	SWC	124,000	n/a	74,913	0.117	1	4,382	≥10.4	≥8.8	N	2001	2002	2005	2007
Guadalupe Fur Seal	Mexico to California	SWC	7,408	n/a	3,028	0.12	0.5	91	0	0	Y	1993			2000
Northern Fur Seal	San Miguel Island	AKC	9,968	n/a	5,395	0.12	1	324	1.2	0	N	2004	2005	2007	2010
Monk Seal	Hawaii	PIC	1,125	n/a	1,093	0.07	0.1	undet	≥3.0	unk	Y	2007	2008	2009	2011
Harbor porpoise	Morro Bay	SWC	2,044	0.40	1,478	0.04	0.5	15	0	0	N	1999	2002	2007	2009
Harbor porpoise	Monterey Bay	SWC	1,492	0.4	1,079	0.04	0.45	10	≥1.0	≥1.0	N	1999	2002	2007	2009
Harbor porpoise	San Francisco – Russian River	SWC	9,189	0.38	6,745	0.04	0.5	67	0	0	N	1999	2002	2007	2009
Harbor porpoise	Northern CA/Southern OR	SWC	39,581	0.39	28,833	0.04	1	577	≥4	≥4	N	1999	2002	2007	2009
Harbor porpoise	Northern Oregon/Washington Coast	AKC	15,674	0.39	11,383	0.04	0.5	114	≥1.4	≥1.4	N	1991	1997	2002	2011
Harbor porpoise	Washington Inland Waters	AKC	10,682	0.38	7,841	0.04	0.4	63	≥2.2	≥2.6	N	1996	2002	2003	2011
Dall's porpoise	California/Oregon/Washington	SWC	42,000	0.33	32,106	0.04	0.4	257	≥0.4	≥0.4	N	2001	2005	2008	2010
Pacific white-sided dolphin	California/Oregon/Washington	SWC	26,930	0.28	21,406	0.04	0.45	193	15.1	10.5	N	2001	2005	2008	2010
Risso's dolphin	California/Oregon/Washington	SWC	6,272	0.30	4,913	0.04	0.4	39	1.6	1.6	N	2001	2005	2008	2010
Common Bottlenose dolphin	California Coastal	SWC	323	0.13	290	0.04	0.5	2.4	0.2	0.2	N	2000	2004	2005	2008
Common Bottlenose dolphin	California/Oregon/Washington Offshore	SWC	1,006	0.48	684	0.04	0.4	5.5	≥0.2	≥0.2	N	2001	2005	2008	2010
Striped dolphin	California/Oregon/Washington	SWC	10,908	0.34	8,231	0.04	0.5	82	0	0	N	2001	2005	2008	2010
Common dolphin, short-beaked	California/Oregon/Washington	SWC	411,211	0.21	343,990	0.04	0.5	3,440	64	64	N	2001	2005	2008	2010
Common dolphin, long-beaked	California	SWC	27,046	0.59	17,127	0.04	0.48	164	13	13	N	2001	2005	2008	2010
Northern right whale dolphin	California/Oregon/Washington	SWC	8,334	0.40	6,019	0.04	0.4	48	4.8	3.6	N	2001	2005	2008	2010
Killer whale	Eastern North Pacific Offshore	SWC	240	0.49	162	0.04	0.5	1.6	0	0	N	2001	2005	2008	2010
Killer whale	Eastern North Pacific Southern Resident	AKC	86	und	86	0.04	0.1	0.17	0.2	0	Y	2008	2009	2010	2011
Short-finned pilot whale	California/Oregon/Washington	SWC	760	0.64	465	0.04	0.4	4.6	0	0	N	2001	2005	2008	2010
Baird's beaked whale	California/Oregon/Washington	SWC	907	0.49	615	0.04	0.5	6.2	0	0	N	2001	2005	2008	2010
Mesoplodont beaked whales	California/Oregon/Washington	SWC	1,024	0.77	576	0.04	0.5	5.8	0	0	N	2001	2005	2008	2010
Cuvier's beaked whale	California/Oregon/Washington	SWC	2,143	0.65	1,298	0.04	0.5	13	0	0	N	2001	2005	2008	2010
Pygmy Sperm whale	California/Oregon/Washington	SWC	579	1.02	271	0.04	0.5	2.7	0	0	N	2001	2005	2008	2010
Dwarf sperm whale	California/Oregon/Washington	SWC	unk	unk	unk	0.04	0.5	undet	0	0	N	2001	2005	2008	2010
Sperm whale	California/Oregon/Washington	SWC	971	0.31	751	0.04	0.1	1.5	0.4	0.2	Y	2001	2005	2008	2010
Humpback whale	California/Oregon/Washington	SWC	2,043	0.10	1,878	0.08	0.3	11.3	≥ 3.6	≥ 3.2	Y	2001	2005	2008	2010
Blue whale	Eastern North Pacific	SWC	2,497	0.24	2,046	0.04	0.3	3.1	1.0	0	Y	2001	2005	2008	2010
Fin whale	California/Oregon/Washington	SWC	3,044	0.18	2,624	0.04	0.3	16	1.0	0	Y	2001	2005	2008	2010
Sei whale	Eastern North Pacific	SWC	126	0.53	83	0.04	0.1	0.17	0	0	Y	2001	2005	2008	2010
Minke whale	California/Oregon/Washington	SWC	478	1.36	202	0.04	0.5	2.0	0	0	N	2001	2005	2008	2010
Rough-toothed dolphin	Hawaii	SWC	8,709	0.45	6,067	0.04	0.5	61	unk	unk	N			2002	2010
Rough-toothed dolphin	American Samoa	PIC	unk	unk	unk	0.04	0.5	unk	unk	unk	unk	n/a	n/a	n/a	2010

unk = unknown; undet = undetermined; n/a = not applicable

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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 Last Revised	
									+ Serious Injury	+ Serious Injury		2002	2003	2004	2005	2006	2007
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	3,351	0.74	1,920	0.04	0.5	19	0	0	N			2002	2004	2010	
Spinner dolphin	Hawaii Island	PIC	unk	unk	unk	0.04	0.5	unk	unk	unk	N					1994	2010
Spinner dolphin	Oahu / 4 Islands	PIC	unk	unk	unk	0.04	0.5	unk	unk	unk	N	1993	1995	1998		2010	
Spinner dolphin	Kaua'i / Ni'ihau	PIC	unk	unk	unk	0.04	0.04	unk	unk	unk	N	1993	1995	1998		2010	
Spinner dolphin	Kure / Midway	PIC	unk	unk	unk	0.04	0.04	unk	unk	unk	N	n/a	n/a	1998		2010	
Spinner dolphin	Pearl and Hermes Reef	PIC	unk	unk	unk	0.04	0.04	unk	unk	unk	N	n/a	n/a	n/a		2010	
Spinner dolphin	American Samoa	PIC	unk	unk	unk	0.04	0.04	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	Hawaii Pelagic	PIC	484	0.93	249	0.04	0.48	2.4	10.8	10.8	Y					2002	2011
False killer whale	Palmyra Atoll	PIC	1,329	0.65	806	0.04	0.4	6.4	0.3	0.3	N					2005	2011
False killer whale	Hawaii Insular	PIC	170	0.21	110	0.04	0.1	0.2	0.6	0.6	Y	2007	2008	2009		2011	
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	Y					2002	2010
Blue whale	Central North Pacific	PIC	unk	unk	unk	0.04	0.1	undet	0	0	Y					2002	2010
Fin whale	Hawaii	PIC	174	0.72	101	0.04	0.1	0.2	0	0	Y					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	Y					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	Y	2006	2007	2008		2009	
Sea Otter	Southern	USFWS	2,826	n/a	2,723	0.06	0.1	8	≥0.8	≥0.8	Y	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	

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