

Table 6.5.1 WEST COAST REGION MARINE MAMMAL BYCATCH BY FISHERY (2014) Bycatch estimates include incidental mortality and serious injury. Where multiple years of data are indicated, the estimate is an annual average.

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
California Drift Gillnet (Mesh Size >14 in) for Swordfish and Thresher Shark						
Beaked whales (unidentified)		1990-2015	0.10	INDIVIDUAL	2.6	
California sea lion	Zalophus californianus	1990-2015	10.60	INDIVIDUAL	.19	
Dall's porpoise	Phocoenoides dalli	1990-2015	1.10	INDIVIDUAL	.29	
Long-beaked common dolphin	Delphinus capensis	1990-2015	2.60	INDIVIDUAL	.78	
Minke whale	Balaenoptera acutorostrata	1990-2015	0.10	INDIVIDUAL	5.6	
Northern right whale dolphin	Lissodelphis borealis	1990-2015	2.50	INDIVIDUAL	.83	
Pacific white-sided dolphin	Lagenorhynchus obliquidens	1990-2015	0.90	INDIVIDUAL	2	
Risso's dolphin	Grampus griseus	1990-2015	0.70	INDIVIDUAL	2.8	
Short-beaked common dolphin	Delphinus delphis	1990-2015	8.60	INDIVIDUAL	.71	
Short-finned pilot whale	Globicephala macrorhynchus	1990-2015	6.00	INDIVIDUAL	.39	
Sperm whale	Physeter macrocephalus	1990-2015	1.30	INDIVIDUAL	1.8	
Fishery Total			34.50			
California Halibut Trawl^{1,3}						
California sea lion - U.S.	Zalophus californianus	2011-2014	13.00	INDIVIDUAL	.32	
Fishery Total			13.00			
West Coast Groundfish Non-Trawl Gear: Limited Entry Sablefish-Endorsed Fixed Gear^{1,3}						
California sea lion - U.S.	Zalophus californianus	2011-2014	2.00	INDIVIDUAL	.22	
Humpback whale	Megaptera novaeangliae	2011-2014	1.00	INDIVIDUAL	.32	
Northern elephant seal	Mirounga angustirostris	2011-2014	2.00	INDIVIDUAL	.21	
Sea lions (unidentified)	Otariidae	2011-2014	3.00	INDIVIDUAL	.23	
Fishery Total			8.00			
West Coast Limited Entry Bottom Trawl; Fixed Gear^{1,2}						
Northern elephant seal	Mirounga angustirostris	2011-2014	1.00	INDIVIDUAL	.5	
Fishery Total			1.00			
West Coast Limited Entry Bottom Trawl; Groundfish Bottom Trawl^{1,2}						
California sea lion - U.S.	Zalophus californianus	2011-2014	7.00	INDIVIDUAL	.19	
Earless seals	Phocidae	2011-2014	1.00	INDIVIDUAL	.5	
Northern elephant seal	Mirounga angustirostris	2011-2014	1.00	INDIVIDUAL	.29	
Pacific white-sided dolphin - California / Oregon / Washington, Northern and Southern	Lagenorhynchus obliquidens	2011-2014	1.00	INDIVIDUAL	.5	
Steller sea lion - Western U.S.	Eumetopias jubatus	2011-2014	10.00	INDIVIDUAL	.18	

Fishery Total						20.00
West Coast Mid-Water Trawl for Hake, At-Sea Processing^{1,2}						
California sea lion - U.S.	Zalophus californianus	2011-2014	2.00	INDIVIDUAL		.14
Northern elephant seal	Mirounga angustirostris	2011-2014	1.00	INDIVIDUAL		.04
Sea lions (unidentified)	Otariidae	2011-2014	1.00	INDIVIDUAL		.4
Steller sea lion - Western U.S.	Eumetopias jubatus	2011-2014	4.00	INDIVIDUAL		.36
Fishery Total						8.00
West Coast Mid-Water Trawl for Hake, Shoreside Processing^{1,2}						
California sea lion - U.S.	Zalophus californianus	2011-2014	1.00	INDIVIDUAL		.5
Northern elephant seal	Mirounga angustirostris	2011-2014	1.00	INDIVIDUAL		.5
Steller sea lion - Western U.S.	Eumetopias jubatus	2011-2014	1.00	INDIVIDUAL		.29
Fishery Total						3.00
Grand Total						87.50

WEST COAST REGION MARINE MAMMAL BYCATCH BY STOCKS AND SPECIES

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	FOOTNOTE(S)
Beaked Whales (Unidentified) (Group)		1990-2015	0.10	INDIVIDUAL	
California Sea Lion	Zalophus californianus	1990-2015	10.60	INDIVIDUAL	
California Sea Lion - U.S.	Zalophus californianus	2011-2014	25.00	INDIVIDUAL	
Dall'S Porpoise	Phocoenoides dalli	1990-2015	1.10	INDIVIDUAL	
Earless Seals (Group)	Phocidae	2011-2014	1.00	INDIVIDUAL	
Humpback Whale	Megaptera novaeangliae	2011-2014	1.00	INDIVIDUAL	
Long-Beaked Common Dolphin	Delphinus capensis	1990-2015	2.60	INDIVIDUAL	
Minke Whale	Balaenoptera acutorostrata	1990-2015	0.10	INDIVIDUAL	
Northern Elephant Seal	Mirounga angustirostris	2011-2014	6.00	INDIVIDUAL	
Northern Right Whale Dolphin	Lissodelphis borealis	1990-2015	2.50	INDIVIDUAL	
Pacific White-Sided Dolphin	Lagenorhynchus obliquidens	1990-2015	0.90	INDIVIDUAL	
Pacific White-Sided Dolphin - California / Oregon / Washington, Northern And Southern	Lagenorhynchus obliquidens	2011-2014	1.00	INDIVIDUAL	
Risso'S Dolphin	Grampus griseus	1990-2015	0.70	INDIVIDUAL	
Sea Lions (Unidentified) (Group)	Otariidae	2011-2014	4.00	INDIVIDUAL	
Short-Beaked Common Dolphin	Delphinus delphis	1990-2015	8.60	INDIVIDUAL	
Short-Finned Pilot Whale	Globicephala macrorhynchus	1990-2015	6.00	INDIVIDUAL	
Sperm Whale	Physeter macrocephalus	1990-2015	1.30	INDIVIDUAL	
Steller Sea Lion - Western U.S.	Eumetopias jubatus	2011-2014	15.00	INDIVIDUAL	

GRAND TOTAL

87.50 INDIVIDUAL

FOOTNOTES

- 1 If the bycatch amount for a species is reported as 0, the estimated bycatch amount was less than 0.01 lbs but greater than 0 lbs.
- 2 In fisheries with 100% coverage, we estimated CV's to be zero, as the amount of uncertainty is too small to detect with confidence. We do not report CV's for a small number of protected fish species, as data at the level of aggregation needed for this report were unavailable.
- 3 CV's are not currently available for some protected and prohibited species.

