

TABLE 5.6.3 ALASKA REGION MARINE MAMMAL BYCATCH BY FISHERY (2013) 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)
Alaska Statewide Salmon Fisheries						
Dall's porpoise - Alaska	Phocoenoides dalli	2012-2013	9.00	INDIVIDUAL	0.18	h
Harbor porpoise - Southeast Alaska	Phocoena phocoena	2012-2013	11.50	INDIVIDUAL	0.68	
Humpback whale - Central North Pacific	Megaptera novaeangliae	2012-2013	5.50	INDIVIDUAL	0.99	
Fishery Total			26.00			
Aleutian Islands/Eastern Bering Sea Atka Mackerel Trawl						
Northern elephant seal - California Breeding	Mirounga angustirostris	2009-2013	0.20	INDIVIDUAL	0.06	
Ribbon seal - Alaska	Histiophoca fasciata	2009-2013	0.20	INDIVIDUAL	0.01	
Steller sea lion - Western U.S.	Eumetopias jubatus	2009-2013	0.20	INDIVIDUAL	0.05	
Fishery Total			0.60			
Bering Sea/Aleutian Islands Flatfish Trawl Fisheries						
Bearded seal - Alaska	Erignathus barbatus	2009-2013	0.40	INDIVIDUAL	0.03	
Gray whale - Eastern North Pacific	Eschrichtius robustus	2009-2013	0.20	INDIVIDUAL	0.01	
Harbor seal - Bristol Bay	Phoca vitulina richardii	2009-2013	0.60	INDIVIDUAL	0.03	
Humpback whale	Megaptera novaeangliae	2009-2013	0.20	INDIVIDUAL		j
Killer whale	Orcinus orca	2009-2013	0.60	INDIVIDUAL		k
Northern fur seal - Eastern North Pacific	Callorhinus ursinus	2009-2013	0.40	INDIVIDUAL		j
Pacific walrus - Alaska	Odobenus rosmarus divergens	2009-2013	0.80	INDIVIDUAL	0.01	
Ribbon seal - Alaska	Histiophoca fasciata	2009-2013	0.20	INDIVIDUAL	0.01	
Ringed seal - Alaska	Pusa hispida hispida	2009-2013	2.81	INDIVIDUAL		j
Spotted seal - Alaska	Phoca largha	2009-2013	0.60	INDIVIDUAL	0.03	
Steller sea lion - Western U.S.	Eumetopias jubatus	2009-2013	5.61	INDIVIDUAL		j
Fishery Total			12.42			
Bering Sea/Aleutian Islands Pacific Cod Longline						
Dall's porpoise - Alaska	Phocoenoides dalli	2009-2013	0.30	INDIVIDUAL	0.77	h
Killer whale	Orcinus orca	2009-2013	0.20	INDIVIDUAL		j
Northern fur seal - Eastern North Pacific	Callorhinus ursinus	2009-2013	0.28	INDIVIDUAL	0.54	
Ringed seal - Alaska	Pusa hispida hispida	2009-2013	0.32	INDIVIDUAL	0.61	
Spotted seal - Alaska	Phoca largha	2009-2013	0.32	INDIVIDUAL	0.61	
Fishery Total			1.42			
Bering Sea/Aleutian Islands Pacific Cod Trawl						
Bearded seal - Alaska	Erignathus barbatus	2009-2013	0.20	INDIVIDUAL	0.00	

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Ringed seal - Alaska	<i>Pusa hispida hispida</i>	2009-2013	0.20	INDIVIDUAL	0.00	
Steller sea lion - Western U.S.	<i>Eumetopias jubatus</i>	2009-2013	0.78	INDIVIDUAL	0.34	
Fishery Total			1.18			
Bering Sea/Aleutian Islands Pacific Ocean Perch Trawl						
Killer whale	<i>Orcinus orca</i>	2009-2013	0.20	INDIVIDUAL	0.00	
Fishery Total			0.20			
Bering Sea/Aleutian Islands Pollock Trawl						
Bearded seal - Alaska	<i>Erignathus barbatus</i>	2009-2013	0.61	INDIVIDUAL		j
Beluga whale	<i>Delphinapterus leucas</i>	2009-2013	0.21	INDIVIDUAL	0.16	
Dall's porpoise - Alaska	<i>Phocoenoides dalli</i>	2009-2013	0.21	INDIVIDUAL	0.20	h
Humpback whale	<i>Megaptera novaeangliae</i>	2009-2013	0.40	INDIVIDUAL	0.68	
Northern fur seal - Eastern North Pacific	<i>Callorhinus ursinus</i>	2009-2013	0.40	INDIVIDUAL	0.07	
Ribbon seal - Alaska	<i>Histiophoca fasciata</i>	2009-2013	0.20	INDIVIDUAL	0.11	
Ringed seal - Alaska	<i>Pusa hispida hispida</i>	2009-2013	0.80	INDIVIDUAL	0.03	
Spotted seal - Alaska	<i>Phoca largha</i>	2009-2013	0.20	INDIVIDUAL	0.11	
Steller sea lion - Western U.S.	<i>Eumetopias jubatus</i>	2009-2013	7.37	INDIVIDUAL		j
Fishery Total			10.40			
Gulf of Alaska Flatfish Trawl Fisheries						
Harbor seal - South Kodiak	<i>Phoca vitulina richardii</i>	2009-2013	1.31	INDIVIDUAL	0.46	
Northern elephant seal - California Breeding	<i>Mirounga angustirostris</i>	2009-2013	0.37	INDIVIDUAL	0.69	
Fishery Total			1.68			
Gulf of Alaska Pacific Cod Longline						
Steller sea lion - Western U.S.	<i>Eumetopias jubatus</i>	2009-2013	0.22	INDIVIDUAL	0.33	
Fishery Total			0.22			
Gulf of Alaska Pacific Cod Trawl						
Harbor seal - South Kodiak	<i>Phoca vitulina richardii</i>	2009-2013	0.57	INDIVIDUAL	0.80	
Steller sea lion - Western U.S.	<i>Eumetopias jubatus</i>	2009-2013	0.20	INDIVIDUAL	0.00	
Fishery Total			0.77			
Gulf of Alaska Sablefish Longline						
Sperm whale - North Pacific	<i>Physeter macrocephalus</i>	2009-2013	0.60	INDIVIDUAL		k
Steller sea lion - Western U.S.	<i>Eumetopias jubatus</i>	2009-2013	1.12	INDIVIDUAL	0.90	
Fishery Total			1.72			
Grand Total			56.61			

Table 5.6.3

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
-------------	-----------------	------	---------	------	----	-------------

ALASKA REGION MARINE MAMMAL BYCATCH BY STOCKS AND SPECIES

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Bearded Seal - Alaska	<i>Erignathus barbatus</i>	2009-2013	1.21	INDIVIDUAL		
Beluga Whale	<i>Delphinapterus leucas</i>	2009-2013	0.21	INDIVIDUAL		
Dall'S Porpoise - Alaska	<i>Phocoenoides dalli</i>	2009-2013	0.51	INDIVIDUAL		h
Dall'S Porpoise - Alaska	<i>Phocoenoides dalli</i>	2012-2013	9.00	INDIVIDUAL		h
Gray Whale - Eastern North Pacific	<i>Eschrichtius robustus</i>	2009-2013	0.20	INDIVIDUAL		
Harbor Porpoise - Southeast Alaska	<i>Phocoena phocoena</i>	2012-2013	11.50	INDIVIDUAL		
Harbor Seal - Bristol Bay	<i>Phoca vitulina richardii</i>	2009-2013	0.60	INDIVIDUAL		
Harbor Seal - South Kodiak	<i>Phoca vitulina richardii</i>	2009-2013	1.88	INDIVIDUAL		
Humpback Whale	<i>Megaptera novaeangliae</i>	2009-2013	0.60	INDIVIDUAL		
Humpback Whale - Central North Pacific	<i>Megaptera novaeangliae</i>	2012-2013	5.50	INDIVIDUAL		
Killer Whale	<i>Orcinus orca</i>	2009-2013	1.00	INDIVIDUAL		
Northern Elephant Seal - California Breeding	<i>Mirounga angustirostris</i>	2009-2013	0.57	INDIVIDUAL		
Northern Fur Seal - Eastern North Pacific	<i>Callorhinus ursinus</i>	2009-2013	1.08	INDIVIDUAL		
Pacific Walrus - Alaska	<i>Odobenus rosmarus divergens</i>	2009-2013	0.80	INDIVIDUAL		
Ribbon Seal - Alaska	<i>Histiophoca fasciata</i>	2009-2013	0.60	INDIVIDUAL		
Ringed Seal - Alaska	<i>Pusa hispida hispida</i>	2009-2013	4.13	INDIVIDUAL		
Sperm Whale - North Pacific	<i>Physeter macrocephalus</i>	2009-2013	0.60	INDIVIDUAL		
Spotted Seal - Alaska	<i>Phoca largha</i>	2009-2013	1.12	INDIVIDUAL		
Steller Sea Lion - Western U.S.	<i>Eumetopias jubatus</i>	2009-2013	15.50	INDIVIDUAL		
GRAND TOTAL			56.61	INDIVIDUAL		

FOOTNOTES:

h Bycatch of Dall's porpoise is estimated through two sources, the Alaska Marine Mammal Observer Program in the Alaska statewide salmon fisheries (2012-2013), and the North Pacific Goundfish and Halibut Fisheries Observer Program in the federal groundfish and halibut fisheries off Alaska (2009-2013).

j CV cannot be calculated. Bycatch estimate includes bycatch observed in unsampled hauls.

k CV not currently available. The current bycatch estimate is based only on observed serious injuries and mortalities that have been averaged over a five-year period.