

TABLE 5.6.2 ALASKA REGION MARINE MAMMAL BYCATCH BY FISHERY (2012) 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	9.00	INDIVIDUAL	0.18	h
Harbor porpoise - Southeast Alaska	Phocoena phocoena	2012	11.50	INDIVIDUAL	0.68	i
Humpback whale - Central North Pacific	Megaptera novaeangliae	2012	5.50	INDIVIDUAL	0.99	i
Fishery Total			26.00			
Aleutian Islands/Eastern Bering Sea Atka Mackerel Trawl						
Northern elephant seal - California Breeding	Mirounga angustirostris	2008-2012	0.20	INDIVIDUAL	0.06	
Ribbon seal - Alaska	Histiophoca fasciata	2008-2012	0.20	INDIVIDUAL	0.01	
Steller sea lion - Western U.S.	Eumetopias jubatus	2008-2012	0.20	INDIVIDUAL	0.05	
Fishery Total			0.60			
Bering Sea/Aleutian Islands Flatfish Trawl Fisheries						
Bearded seal - Alaska	Erignathus barbatus	2008-2012	0.60	INDIVIDUAL	0.02	
Gray whale - Eastern North Pacific	Eschrichtius robustus	2008-2012	0.20	INDIVIDUAL	0.01	
Harbor seal - Bristol Bay	Phoca vitulina richardii	2008-2012	0.60	INDIVIDUAL	0.02	
Humpback whale	Megaptera novaeangliae	2008-2012	0.20	INDIVIDUAL		j
Killer whale	Orcinus orca	2008-2012	0.60	INDIVIDUAL	0.02	
Northern fur seal - Eastern North Pacific	Callorhinus ursinus	2008-2012	0.82	INDIVIDUAL		j
Pacific walrus - Alaska	Odobenus rosmarus divergens	2008-2012	0.80	INDIVIDUAL	0.01	
Ribbon seal - Alaska	Histiophoca fasciata	2008-2012	0.20	INDIVIDUAL	0.01	
Ringed seal - Alaska	Pusa hispida hispida	2008-2012	2.61	INDIVIDUAL		j
Spotted seal - Alaska	Phoca largha	2008-2012	1.00	INDIVIDUAL	0.02	
Steller sea lion - Western U.S.	Eumetopias jubatus	2008-2012	6.41	INDIVIDUAL		j
Fishery Total			14.04			
Bering Sea/Aleutian Islands Pacific Cod Longline						
Dall's porpoise - Alaska	Phocoenoides dalli	2008-2012	0.20	INDIVIDUAL		h, j
Killer whale	Orcinus orca	2008-2012	0.20	INDIVIDUAL		j
Northern fur seal - Eastern North Pacific	Callorhinus ursinus	2008-2012	0.28	INDIVIDUAL	0.52	
Ringed seal - Alaska	Pusa hispida hispida	2008-2012	0.32	INDIVIDUAL	0.61	
Spotted seal - Alaska	Phoca largha	2008-2012	0.32	INDIVIDUAL	0.61	
Fishery Total			1.32			
Bering Sea/Aleutian Islands Pacific Cod Trawl						
Ringed seal - Alaska	Pusa hispida hispida	2008-2012	0.20	INDIVIDUAL	0.00	

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Steller sea lion - Western U.S.	Eumetopias jubatus	2008-2012	0.40	INDIVIDUAL	0.06	
Fishery Total			0.60			
Bering Sea/Aleutian Islands Pacific Ocean Perch Trawl						
Killer whale	Orcinus orca	2008-2012	0.20	INDIVIDUAL	0.00	
Fishery Total			0.20			
Bering Sea/Aleutian Islands Pollock Trawl						
Bearded seal - Alaska	Erignathus barbatus	2008-2012	1.23	INDIVIDUAL	0.07	
Dall's porpoise - Alaska	Phocoenoides dalli	2008-2012	0.21	INDIVIDUAL	0.20	h
Harbor seal - Bristol Bay	Phoca vitulina richardii	2008-2012	0.59	INDIVIDUAL	0.81	
Humpback whale	Megaptera novaeangliae	2008-2012	0.20	INDIVIDUAL	0.08	
Northern fur seal - Eastern North Pacific	Callorhinus ursinus	2008-2012	0.61	INDIVIDUAL	0.06	
Ribbon seal - Alaska	Histriophoca fasciata	2008-2012	0.62	INDIVIDUAL	0.10	
Ringed seal - Alaska	Pusa hispida hispida	2008-2012	1.01	INDIVIDUAL	0.04	
Spotted seal - Alaska	Phoca largha	2008-2012	0.20	INDIVIDUAL	0.11	
Steller sea lion - Western U.S.	Eumetopias jubatus	2008-2012	8.38	INDIVIDUAL		j
Fishery Total			13.05			
Gulf of Alaska Flatfish Trawl Fisheries						
Harbor seal - South Kodiak	Phoca vitulina richardii	2008-2012	0.38	INDIVIDUAL	0.69	
Northern elephant seal - California Breeding	Mirounga angustirostris	2008-2012	0.37	INDIVIDUAL	0.68	
Fishery Total			0.75			
Gulf of Alaska Pacific Cod Longline						
Steller sea lion - Western U.S.	Eumetopias jubatus	2008-2012	0.54	INDIVIDUAL	0.39	
Fishery Total			0.54			
Gulf of Alaska Pacific Cod Trawl						
Harbor seal - South Kodiak	Phoca vitulina richardii	2008-2012	0.57	INDIVIDUAL	0.81	
Steller sea lion - Western U.S.	Eumetopias jubatus	2008-2012	0.20	INDIVIDUAL	0.00	
Fishery Total			0.77			
Gulf of Alaska Sablefish Longline						
Steller sea lion - Western U.S.	Eumetopias jubatus	2008-2012	1.10	INDIVIDUAL	0.91	
Fishery Total			1.10			
Grand Total			58.97			

ALASKA REGION MARINE MAMMAL BYCATCH BY STOCKS AND SPECIES

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	FOOTNOTE(S)
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Table 5.6.2

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Bearded Seal - Alaska	<i>Erignathus barbatus</i>	2008-2012	1.83	INDIVIDUAL		
Dall'S Porpoise - Alaska	<i>Phocoenoides dalli</i>	2008-2012	0.41	INDIVIDUAL	h	
Dall'S Porpoise - Alaska	<i>Phocoenoides dalli</i>	2012	9.00	INDIVIDUAL	h	
Gray Whale - Eastern North Pacific	<i>Eschrichtius robustus</i>	2008-2012	0.20	INDIVIDUAL		
Harbor Porpoise - Southeast Alaska	<i>Phocoena phocoena</i>	2012	11.50	INDIVIDUAL	i	
Harbor Seal - Bristol Bay	<i>Phoca vitulina richardii</i>	2008-2012	1.19	INDIVIDUAL		
Harbor Seal - South Kodiak	<i>Phoca vitulina richardii</i>	2008-2012	0.95	INDIVIDUAL		
Humpback Whale	<i>Megaptera novaeangliae</i>	2008-2012	0.40	INDIVIDUAL		
Humpback Whale - Central North Pacific	<i>Megaptera novaeangliae</i>	2012	5.50	INDIVIDUAL	i	
Killer Whale	<i>Orcinus orca</i>	2008-2012	1.00	INDIVIDUAL		
Northern Elephant Seal - California Breeding	<i>Mirounga angustirostris</i>	2008-2012	0.57	INDIVIDUAL		
Northern Fur Seal - Eastern North Pacific	<i>Callorhinus ursinus</i>	2008-2012	1.71	INDIVIDUAL		
Pacific Walrus - Alaska	<i>Odobenus rosmarus divergens</i>	2008-2012	0.80	INDIVIDUAL		
Ribbon Seal - Alaska	<i>Histiophoca fasciata</i>	2008-2012	1.02	INDIVIDUAL		
Ringed Seal - Alaska	<i>Pusa hispida hispida</i>	2008-2012	4.14	INDIVIDUAL		
Spotted Seal - Alaska	<i>Phoca largha</i>	2008-2012	1.52	INDIVIDUAL		
Steller Sea Lion - Western U.S.	<i>Eumetopias jubatus</i>	2008-2012	17.23	INDIVIDUAL		
GRAND TOTAL			58.97	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 Groundfish Observer Program in the federal groundfish fisheries off Alaska (2008-2012).

i These estimates are based on observer data in 2012 and 2013.

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