

TABLE 5.6.1 ALASKA REGION MARINE MAMMAL BYCATCH BY FISHERY (2011) 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)
Aleutian Islands/Eastern Bering Sea Atka Mackerel Trawl						
Ribbon seal - Alaska	Histiophoca fasciata	2007-2011	0.40	INDIVIDUAL	0.11	
Steller sea lion - Western U.S.	Eumetopias jubatus	2007-2011	0.20	INDIVIDUAL	0.05	
Fishery Total			0.60			
Bering Sea/Aleutian Islands Flatfish Trawl Fisheries						
Bearded seal - Alaska	Erignathus barbatus	2007-2011	0.40	INDIVIDUAL	0.03	
Gray whale - Eastern North Pacific	Eschrichtius robustus	2007-2011	0.20	INDIVIDUAL	0.01	
Harbor porpoise - Bering Sea	Phocoena phocoena	2007-2011	0.36	INDIVIDUAL	0.67	
Harbor seal - Bristol Bay	Phoca vitulina richardii	2007-2011	0.20	INDIVIDUAL	0.04	
Harbor seal - Pribilof Islands	Phoca vitulina richardii	2007-2011	0.20	INDIVIDUAL		j
Humpback whale	Megaptera novaeangliae	2007-2011	0.20	INDIVIDUAL		j
Killer whale	Orcinus orca	2007-2011	0.40	INDIVIDUAL		k
Northern fur seal - Eastern North Pacific	Callorhinus ursinus	2007-2011	0.82	INDIVIDUAL		j
Pacific walrus - Alaska	Odobenus rosmarus divergens	2007-2011	1.36	INDIVIDUAL	0.30	
Ringed seal - Alaska	Pusa hispida hispida	2007-2011	2.00	INDIVIDUAL		j
Spotted seal - Alaska	Phoca largha	2007-2011	0.60	INDIVIDUAL	0.02	
Steller sea lion - Western U.S.	Eumetopias jubatus	2007-2011	6.00	INDIVIDUAL		j
Fishery Total			12.74			
Bering Sea/Aleutian Islands Greenland Turbot Longline						
Killer whale	Orcinus orca	2007-2011	0.30	INDIVIDUAL	0.61	
Fishery Total			0.30			
Bering Sea/Aleutian Islands Pacific Cod Longline						
Dall's porpoise - Alaska	Phocoenoides dalli	2007-2011	0.20	INDIVIDUAL		j
Northern fur seal - Eastern North Pacific	Callorhinus ursinus	2007-2011	0.28	INDIVIDUAL	0.51	
Ringed seal - Alaska	Pusa hispida hispida	2007-2011	0.32	INDIVIDUAL	0.60	
Spotted seal - Alaska	Phoca largha	2007-2011	0.32	INDIVIDUAL	0.60	
Fishery Total			1.12			
Bering Sea/Aleutian Islands Pacific Cod Trawl						
Ringed seal - Alaska	Pusa hispida hispida	2007-2011	0.20	INDIVIDUAL	0.00	
Steller sea lion - Western U.S.	Eumetopias jubatus	2007-2011	1.00	INDIVIDUAL		j
Fishery Total			1.20			
Bering Sea/Aleutian Islands Pacific Ocean Perch Trawl						

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Killer whale	Orcinus orca	2007-2011	0.20	INDIVIDUAL	0.00	
Fishery Total			0.20			
Bering Sea/Aleutian Islands Pollock Trawl						
Bearded seal - Alaska	Erignathus barbatus	2007-2011	1.42	INDIVIDUAL		j
Dall's porpoise - Alaska	Phocoenoides dalli	2007-2011	0.20	INDIVIDUAL	0.20	
Harbor seal - Bristol Bay	Phoca vitulina richardii	2007-2011	0.58	INDIVIDUAL	0.82	
Humpback whale	Megaptera novaeangliae	2007-2011	0.20	INDIVIDUAL	0.08	
Northern fur seal - Eastern North Pacific	Callorhinus ursinus	2007-2011	3.52	INDIVIDUAL	0.73	
Ribbon seal - Alaska	Histiophoca fasciata	2007-2011	0.62	INDIVIDUAL	0.10	
Ringed seal - Alaska	Pusa hispida hispida	2007-2011	1.00	INDIVIDUAL	0.04	
Spotted seal - Alaska	Phoca largha	2007-2011	0.20	INDIVIDUAL	0.11	
Steller sea lion - Western U.S.	Eumetopias jubatus	2007-2011	7.16	INDIVIDUAL	0.11	
Fishery Total			14.90			
Gulf of Alaska Flatfish Trawl Fisheries						
Harbor seal - South Kodiak	Phoca vitulina richardii	2007-2011	0.38	INDIVIDUAL	0.68	
Northern elephant seal - California Breeding	Mirounga angustirostris	2007-2011	0.38	INDIVIDUAL	0.67	
Fishery Total			0.76			
Gulf of Alaska Pacific Cod Longline						
Steller sea lion - Western U.S.	Eumetopias jubatus	2007-2011	0.54	INDIVIDUAL	0.39	
Fishery Total			0.54			
Gulf of Alaska Pacific Cod Trawl						
Harbor seal - South Kodiak	Phoca vitulina richardii	2007-2011	0.56	INDIVIDUAL	0.82	
Fishery Total			0.56			
Gulf of Alaska Sablefish Longline						
Sperm whale - North Pacific	Physeter macrocephalus	2007-2011	0.28	INDIVIDUAL	0.57	
Fishery Total			0.28			
Grand Total			33.20			

ALASKA REGION MARINE MAMMAL BYCATCH BY STOCKS AND SPECIES

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	FOOTNOTE(S)
Bearded Seal - Alaska	Erignathus barbatus	2007-2011	1.82	INDIVIDUAL	
Dall'S Porpoise - Alaska	Phocoenoides dalli	2007-2011	0.40	INDIVIDUAL	
Gray Whale - Eastern North Pacific	Eschrichtius robustus	2007-2011	0.20	INDIVIDUAL	
Harbor Porpoise - Bering Sea	Phocoena phocoena	2007-2011	0.36	INDIVIDUAL	

Table 5.6.1

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Harbor Seal - Bristol Bay	<i>Phoca vitulina richardii</i>	2007-2011	0.78	INDIVIDUAL		
Harbor Seal - Pribilof Islands	<i>Phoca vitulina richardii</i>	2007-2011	0.20	INDIVIDUAL		
Harbor Seal - South Kodiak	<i>Phoca vitulina richardii</i>	2007-2011	0.94	INDIVIDUAL		
Humpback Whale	<i>Megaptera novaeangliae</i>	2007-2011	0.40	INDIVIDUAL		
Killer Whale	<i>Orcinus orca</i>	2007-2011	0.90	INDIVIDUAL		
Northern Elephant Seal - California Breeding	<i>Mirounga angustirostris</i>	2007-2011	0.38	INDIVIDUAL		
Northern Fur Seal - Eastern North Pacific	<i>Callorhinus ursinus</i>	2007-2011	4.62	INDIVIDUAL		
Pacific Walrus - Alaska	<i>Odobenus rosmarus divergens</i>	2007-2011	1.36	INDIVIDUAL		
Ribbon Seal - Alaska	<i>Histiophoca fasciata</i>	2007-2011	1.02	INDIVIDUAL		
Ringed Seal - Alaska	<i>Pusa hispida hispida</i>	2007-2011	3.52	INDIVIDUAL		
Sperm Whale - North Pacific	<i>Physeter macrocephalus</i>	2007-2011	0.28	INDIVIDUAL		
Spotted Seal - Alaska	<i>Phoca largha</i>	2007-2011	1.12	INDIVIDUAL		
Steller Sea Lion - Western U.S.	<i>Eumetopias jubatus</i>	2007-2011	14.90	INDIVIDUAL		
GRAND TOTAL			33.20	INDIVIDUAL		

FOOTNOTES:

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.