

**Table 5.5.1 ALASKA 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)
<b>Aleutian Islands/Eastern Bering Sea Atka Mackerel Trawl</b>						
Northern elephant seal - California Breeding	Mirounga angustirostris	2010-2014	0.20	INDIVIDUAL	.06	
Steller sea lion - Western U.S.	Eumetopias jubatus	2010-2014	0.20	INDIVIDUAL	.05	
<b>Fishery Total</b>			0.40			
<b>Bering Sea/Aleutian Islands Flatfish Trawl Fisheries</b>						
Bearded seal - Alaska	Erignathus barbatus	2010-2014	0.60	INDIVIDUAL	.03	
Gray whale - Eastern North Pacific	Eschrichtius robustus	2010-2014	0.20	INDIVIDUAL	.01	
Harbor seal - Bristol Bay	Phoca vitulina richardii	2010-2014	0.60	INDIVIDUAL	.03	
Humpback whale	Megaptera novaeangliae	2010-2014	0.20	INDIVIDUAL		g
Killer whale	Orcinus orca	2010-2014	0.60	INDIVIDUAL		g
Northern elephant seal - California Breeding	Mirounga angustirostris	2010-2014	0.20	INDIVIDUAL	0	
Northern fur seal - Eastern North Pacific	Callorhinus ursinus	2010-2014	0.40	INDIVIDUAL		g
Pacific walrus - Alaska	Odobenus rosmarus divergens	2010-2014	0.80	INDIVIDUAL	.01	
Ribbon seal - Alaska	Histiophoca fasciata	2010-2014	0.40	INDIVIDUAL	.03	
Ringed seal - Alaska	Pusa hispida hispida	2010-2014	2.60	INDIVIDUAL		g
Spotted seal - Alaska	Phoca largha	2010-2014	0.40	INDIVIDUAL	.02	
Steller sea lion - Western U.S.	Eumetopias jubatus	2010-2014	6.00	INDIVIDUAL		g
<b>Fishery Total</b>			13.00			
<b>Bering Sea/Aleutian Islands Pacific Cod Longline</b>						
Killer whale	Orcinus orca	2010-2014	0.20	INDIVIDUAL		g
Northern fur seal - Eastern North Pacific	Callorhinus ursinus	2010-2014	0.30	INDIVIDUAL	.52	
Ringed seal - Alaska	Pusa hispida hispida	2010-2014	0.30	INDIVIDUAL	.61	
Spotted seal - Alaska	Phoca largha	2010-2014	0.32	INDIVIDUAL	.61	
Steller sea lion - Western U.S.	Eumetopias jubatus	2010-2014	0.30	INDIVIDUAL	.64	
<b>Fishery Total</b>			1.42			
<b>Bering Sea/Aleutian Islands Pacific Cod Trawl</b>						
Bearded seal - Alaska	Erignathus barbatus	2010-2014	0.20	INDIVIDUAL	0	
Ribbon seal - Alaska	Histiophoca fasciata	2010-2014	0.29	INDIVIDUAL	.55	
Ringed seal - Alaska	Pusa hispida hispida	2010-2014	0.20	INDIVIDUAL	0	
Steller sea lion - Western U.S.	Eumetopias jubatus	2010-2014	0.80	INDIVIDUAL	.34	
<b>Fishery Total</b>			1.49			
<b>Bering Sea/Aleutian Islands Pollock Trawl</b>						
Bearded seal - Alaska	Erignathus barbatus	2010-2014	0.60	INDIVIDUAL		g
Beluga whale	Delphinapterus leucas	2010-2014	0.21	INDIVIDUAL	.16	
Humpback whale	Megaptera novaeangliae	2010-2014	0.41	INDIVIDUAL	.09	
Northern fur seal - Eastern North Pacific	Callorhinus ursinus	2010-2014	0.40	INDIVIDUAL	.07	

Ringed seal - Alaska	<i>Pusa hispida hispida</i>	2010-2014	0.60	INDIVIDUAL	.03	
Spotted seal - Alaska	<i>Phoca largha</i>	2010-2014	0.20	INDIVIDUAL	.11	
Steller sea lion - Western U.S.	<i>Eumetopias jubatus</i>	2010-2014	6.50	INDIVIDUAL		g
<b>Fishery Total</b>			8.92			
<b>Bering Sea/Aleutian Islands Rockfish Trawl</b>						
Killer whale	<i>Orcinus orca</i>	2010-2014	0.20	INDIVIDUAL	0	
Ribbon seal - Alaska	<i>Histiophoca fasciata</i>	2010-2014	0.20	INDIVIDUAL	.01	
<b>Fishery Total</b>			0.40			
<b>Gulf of Alaska Flatfish Trawl Fisheries</b>						
Harbor seal - South Kodiak	<i>Phoca vitulina richardii</i>	2010-2014	1.31	INDIVIDUAL	.46	
<b>Fishery Total</b>			1.31			
<b>Gulf of Alaska Pacific Cod Longline</b>						
Steller sea lion - Western U.S.	<i>Eumetopias jubatus</i>	2010-2014	0.20	INDIVIDUAL	.33	
<b>Fishery Total</b>			0.20			
<b>Gulf of Alaska Pacific Cod Trawl</b>						
Harbor seal - South Kodiak	<i>Phoca vitulina richardii</i>	2010-2014	0.57	INDIVIDUAL	.8	
Steller sea lion - Western U.S.	<i>Eumetopias jubatus</i>	2010-2014	0.20	INDIVIDUAL	0	
<b>Fishery Total</b>			0.77			
<b>Gulf of Alaska Sablefish Longline</b>						
Sperm whale - North Pacific	<i>Physeter macrocephalus</i>	2010-2014	2.20	INDIVIDUAL		g
Steller sea lion - Western U.S.	<i>Eumetopias jubatus</i>	2010-2014	1.10	INDIVIDUAL	.89	
<b>Fishery Total</b>			3.30			
<b>Grand Total</b>			31.21			

#### ALASKA REGION MARINE MAMMAL BYCATCH BY STOCKS AND SPECIES

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	FOOTNOTE(S)
Bearded Seal - Alaska	<i>Erignathus barbatus</i>	2010-2014	1.40	INDIVIDUAL	
Beluga Whale	<i>Delphinapterus leucas</i>	2010-2014	0.21	INDIVIDUAL	
Gray Whale - Eastern North Pacific	<i>Eschrichtius robustus</i>	2010-2014	0.20	INDIVIDUAL	
Harbor Seal - Bristol Bay	<i>Phoca vitulina richardii</i>	2010-2014	0.60	INDIVIDUAL	
Harbor Seal - South Kodiak	<i>Phoca vitulina richardii</i>	2010-2014	1.88	INDIVIDUAL	
Humpback Whale	<i>Megaptera novaeangliae</i>	2010-2014	0.61	INDIVIDUAL	
Killer Whale	<i>Orcinus orca</i>	2010-2014	1.00	INDIVIDUAL	
Northern Elephant Seal - California Breeding	<i>Mirounga angustirostris</i>	2010-2014	0.40	INDIVIDUAL	
Northern Fur Seal - Eastern North Pacific	<i>Callorhinus ursinus</i>	2010-2014	1.10	INDIVIDUAL	
Pacific Walrus - Alaska	<i>Odobenus rosmarus divergens</i>	2010-2014	0.80	INDIVIDUAL	
Ribbon Seal - Alaska	<i>Histiophoca fasciata</i>	2010-2014	0.89	INDIVIDUAL	
Ringed Seal - Alaska	<i>Pusa hispida hispida</i>	2010-2014	3.70	INDIVIDUAL	
Sperm Whale - North Pacific	<i>Physeter macrocephalus</i>	2010-2014	2.20	INDIVIDUAL	

Spotted Seal - Alaska	Phoca largha	2010-2014	0.92	INDIVIDUAL
Steller Sea Lion - Western U.S.	Eumetopias jubatus	2010-2014	15.30	INDIVIDUAL
<b>GRAND TOTAL</b>			<b>31.21</b>	<b>INDIVIDUAL</b>

**FOOTNOTE**

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