

**TABLE 5.3 ALASKA REGION MARINE MAMMAL BYCATCH BY FISHERY** 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>						
Ribbon seal - Alaska	<i>Histiophoca fasciata</i>	2007-2010	0.51	INDIVIDUAL	0.11	
Steller sea lion - Western U.S.	<i>Eumetopias jubatus</i>	2007-2010	0.25	INDIVIDUAL	0.05	
<b>Fishery Total</b>			0.76			
<b>Bering Sea/Aleutian Islands Flatfish Trawl Fisheries</b>						
Bearded seal - Alaska	<i>Erignathus barbatus</i>	2007-2010	0.25	INDIVIDUAL	0.04	
Gray whale - Eastern North Pacific	<i>Eschrichtius robustus</i>	2007-2010	0.25	INDIVIDUAL	0.01	
Harbor porpoise - Bering Sea	<i>Phocoena phocoena</i>	2007-2010	0.45	INDIVIDUAL	0.67	
Harbor seal - Bering Sea	<i>Phoca vitulina richardii</i>	2007-2010	0.25	INDIVIDUAL		
Humpback whale	<i>Megaptera novaeangliae</i>	2007-2010	0.25	INDIVIDUAL		
Killer whale	<i>Orcinus orca</i>	2007-2010	0.75	INDIVIDUAL	0.02	
Northern fur seal - Eastern North Pacific	<i>Callorhinus ursinus</i>	2007-2010	1.03	INDIVIDUAL	0.11	
Pacific walrus - Alaska	<i>Odobenus rosmarus divergens</i>	2007-2010	1.71	INDIVIDUAL	0.30	
Ringed seal - Alaska	<i>Pusa hispida hispida</i>	2007-2010	0.75	INDIVIDUAL	0.02	
Spotted seal - Alaska	<i>Phoca largha</i>	2007-2010	0.75	INDIVIDUAL	0.02	
Steller sea lion - Western U.S.	<i>Eumetopias jubatus</i>	2007-2010	5.93	INDIVIDUAL	0.04	
<b>Fishery Total</b>			12.37			
<b>Bering Sea/Aleutian Islands Greenland Turbot Longline</b>						
Killer whale	<i>Orcinus orca</i>	2007-2010	0.38	INDIVIDUAL	0.59	
<b>Fishery Total</b>			0.38			
<b>Bering Sea/Aleutian Islands Pacific Cod Longline</b>						
Dall's porpoise - Alaska	<i>Phocoenoides dalli</i>	2007-2010	0.25	INDIVIDUAL		
Northern fur seal - Eastern North Pacific	<i>Callorhinus ursinus</i>	2007-2010	0.35	INDIVIDUAL	0.52	
<b>Fishery Total</b>			0.60			
<b>Bering Sea/Aleutian Islands Pacific Cod Trawl</b>						
Steller sea lion - Western U.S.	<i>Eumetopias jubatus</i>	2007-2010	1.01	INDIVIDUAL	0.08	
<b>Fishery Total</b>			1.01			
<b>Bering Sea/Aleutian Islands Pacific Ocean Perch Trawl</b>						
Killer whale	<i>Orcinus orca</i>	2007-2010	0.25	INDIVIDUAL	0.00	

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<b>Fishery Total</b>						0.25
<b>Bering Sea/Aleutian Islands Pollock Trawl</b>						
Bearded seal - Alaska	<i>Erignathus barbatus</i>	2007-2010	1.79	INDIVIDUAL		0.06
Dall's porpoise - Alaska	<i>Phocoenoides dalli</i>	2007-2010	0.26	INDIVIDUAL		0.20
Harbor seal - Bering Sea	<i>Phoca vitulina richardii</i>	2007-2010	0.73	INDIVIDUAL		0.81
Humpback whale	<i>Megaptera novaeangliae</i>	2007-2010	0.25	INDIVIDUAL		0.08
Northern fur seal - Eastern North Pacific	<i>Callorhinus ursinus</i>	2007-2010	4.41	INDIVIDUAL		0.73
Ribbon seal - Alaska	<i>Histiophoca fasciata</i>	2007-2010	0.77	INDIVIDUAL		0.10
Ringed seal - Alaska	<i>Pusa hispida hispida</i>	2007-2010	0.51	INDIVIDUAL		0.09
Spotted seal - Alaska	<i>Phoca largha</i>	2007-2010	0.25	INDIVIDUAL		0.11
Steller sea lion - Western U.S.	<i>Eumetopias jubatus</i>	2007-2010	6.65	INDIVIDUAL		0.14
<b>Fishery Total</b>						15.62
<b>Gulf of Alaska Flatfish Trawl Fisheries</b>						
Northern elephant seal - California Breeding	<i>Mirounga angustirostris</i>	2007-2010	0.46	INDIVIDUAL		0.68
<b>Fishery Total</b>						0.46
<b>Gulf of Alaska Pacific Cod Longline</b>						
Steller sea lion - Western U.S.	<i>Eumetopias jubatus</i>	2007-2010	0.68	INDIVIDUAL		0.39
<b>Fishery Total</b>						0.68
<b>Gulf of Alaska Pacific Cod Trawl</b>						
Harbor seal - Gulf of Alaska	<i>Phoca vitulina richardii</i>	2007-2010	0.71	INDIVIDUAL		0.81
<b>Fishery Total</b>						0.71
<b>Gulf of Alaska Sablefish Longline</b>						
Sperm whale - North Pacific	<i>Physeter macrocephalus</i>	2007-2010	0.36	INDIVIDUAL		0.56
<b>Fishery Total</b>						0.36
<b>Grand Total</b>						33.20

**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>	2007-2010	2.04	INDIVIDUAL	
Dall's porpoise - Alaska	<i>Phocoenoides dalli</i>	2007-2010	0.51	INDIVIDUAL	
Gray whale - Eastern North Pacific	<i>Eschrichtius robustus</i>	2007-2010	0.25	INDIVIDUAL	
Harbor porpoise - Bering Sea	<i>Phocoena phocoena</i>	2007-2010	0.45	INDIVIDUAL	
Harbor seal - Bering Sea	<i>Phoca vitulina richardii</i>	2007-2010	0.98	INDIVIDUAL	
Harbor seal - Gulf of Alaska	<i>Phoca vitulina richardii</i>	2007-2010	0.71	INDIVIDUAL	
Humpback whale	<i>Megaptera novaeangliae</i>	2007-2010	0.50	INDIVIDUAL	
Killer whale	<i>Orcinus orca</i>	2007-2010	1.38	INDIVIDUAL	
Northern elephant seal - California Breeding	<i>Mirounga angustirostris</i>	2007-2010	0.46	INDIVIDUAL	
Northern fur seal - Eastern North Pacific	<i>Callorhinus ursinus</i>	2007-2010	5.79	INDIVIDUAL	
Pacific walrus - Alaska	<i>Odobenus rosmarus divergens</i>	2007-2010	1.71	INDIVIDUAL	
Ribbon seal - Alaska	<i>Histiophoca fasciata</i>	2007-2010	1.28	INDIVIDUAL	
Ringed seal - Alaska	<i>Pusa hispida hispida</i>	2007-2010	1.26	INDIVIDUAL	
Sperm whale - North Pacific	<i>Physeter macrocephalus</i>	2007-2010	0.36	INDIVIDUAL	
Spotted seal - Alaska	<i>Phoca largha</i>	2007-2010	1.00	INDIVIDUAL	
Steller sea lion - Western U.S.	<i>Eumetopias jubatus</i>	2007-2010	14.52	INDIVIDUAL	
<b>GRAND TOTAL</b>			<b>33.20</b>	<b>INDIVIDUAL</b>	