

TABLE 5.5.1b ALASKA REGION FISH BYCATCH BY STOCKS AND SPECIES (2011) Species bycatch ratio = total regional bycatch of a species / (total regional landings of the species + total regional bycatch of the species). Landings data were not available at the stock level. Bycatch ratio cells are left blank when landings = 0.

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
ALASKA PLAICE							
Alaska plaice - Bering Sea / Aleutian Islands	Pleuronectes quadrituberculatus	2011	15,864,839.75				
Alaska plaice - landings							
ALASKA PLAICE (Subtotal)			15,864,839.75	0.00		0.00	
ARROWTOOTH FLOUNDER							
Arrowtooth flounder - Bering Sea / Aleutian Islands	Reinhardtius stomias	2011	8,056,150.55				
Arrowtooth flounder - Gulf of Alaska	Reinhardtius stomias	2011	15,851,040.42				
Arrowtooth flounder - landings	Reinhardtius stomias				0.21	88,963,857.00	
ARROWTOOTH FLOUNDER (Subtotal)			23,907,190.97	0.00		88,963,857.00	
ATKA MACKEREL							
Atka mackerel - Bering Sea / Aleutian Islands	Pleurogrammus monopterygius	2011	3,892,681.25				
Atka mackerel	Pleurogrammus monopterygius	2011	1,292,240.41				
Atka mackerel - landings	Pleurogrammus monopterygius				0.04	112,595,525.00	
ATKA MACKEREL (Subtotal)			5,184,921.66	0.00		112,595,525.00	
BENTHIC UROCHORDATA (GROUP)							
Benthic urochordata (group)	Urochordata	2011	400,780.88				c
Benthic urochordata (group) - landings	Urochordata						
BENTHIC UROCHORDATA (GROUP) (Subtotal)			400,780.88	0.00		0.00	
BERING SEA / ALEUTIAN ISLANDS BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP)							
Bering Sea / Aleutian Islands Blackspotted and Roughey Rockfish Complex (group)		2011	46,133.30				
Bering Sea / Aleutian Islands Blackspotted and Roughey Rockfish Complex (group) - landings							
BERING SEA / ALEUTIAN ISLANDS BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP) (Subtotal)			46,133.30	0.00		0.00	
BERING SEA / ALEUTIAN ISLANDS FLATHEAD SOLE COMPLEX (GROUP)							
Bering Sea / Aleutian Islands Flathead Sole Complex (group)		2011	4,010,742.41				d
Bering Sea / Aleutian Islands Flathead Sole Complex (group) - landings							
BERING SEA / ALEUTIAN ISLANDS FLATHEAD SOLE COMPLEX (GROUP) (Subtotal)			4,010,742.41	0.00		0.00	
BERING SEA / ALEUTIAN ISLANDS ROCK SOLE COMPLEX (GROUP)							
Bering Sea / Aleutian Islands Rock Sole Complex (group)		2011	9,977,261.01				
Bering Sea / Aleutian Islands Rock Sole Complex (group) - landings							
BERING SEA / ALEUTIAN ISLANDS ROCK SOLE COMPLEX (GROUP) (Subtotal)			9,977,261.01	0.00		0.00	
BIG SKATE							
Big skate	Raja binoculata	2011	806,131.94				
Big skate - landings							
BIG SKATE (Subtotal)			806,131.94	0.00		0.00	
BIVALVES (GROUP)							
Bivalves (group)	Bivalvia	2011	45,352.37				c
Bivalves (group) - landings	Bivalvia						
BIVALVES (GROUP) (Subtotal)			45,352.37	0.00		0.00	
BLUE KING CRAB							
Blue king crab	Paralithodes platypus	2011	4,864.22				a
Blue king crab - landings							
BLUE KING CRAB (Subtotal)			4,864.22	0.00		0.00	
BRITTLE STARS (UNIDENTIFIED) (GROUP)							
Brittle stars (unidentified) (group)	Ophiuroidea	2011	45,793.98				c
Brittle stars (unidentified) (group) - landings	Ophiuroidea						
BRITTLE STARS (UNIDENTIFIED) (GROUP) (Subtotal)			45,793.98	0.00		0.00	
BRYOZOANS, HYDROIDS AND CORALS (GROUP)							
Bryozoans, hydroids and corals (group)		2011	169,688.78				c
Bryozoans, hydroids and corals (group) - landings							
BRYOZOANS, HYDROIDS AND CORALS (GROUP) (Subtotal)			169,688.78	0.00		0.00	
CAPELIN							
Capelin	Mallotus villosus	2011	22,835.82				c

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
Capelin - landings							
CAPELIN (Subtotal)			22,835.82	0.00		0.00	
CHINOOK SALMON							
Chinook salmon	Oncorhynchus tshawytscha	2011	324,246.24				a
Chinook salmon - landings	Oncorhynchus tshawytscha						
CHINOOK SALMON (Subtotal)			324,246.24	0.00			
DARK ROCKFISH							
Dark rockfish	Sebastes ciliatus	2011	52,245.73				
Dark rockfish - landings							
DARK ROCKFISH (Subtotal)			52,245.73	0.00		0.00	
EELPOUTS (GROUP)							
Eelpouts (group)	Zoarcidae	2011	215,061.80				c
Eelpouts (group) - landings	Zoarcidae						
EELPOUTS (GROUP) (Subtotal)			215,061.80	0.00		0.00	
EULACHON							
Eulachon	Thaleichthys pacificus	2011	634,355.80				c
Eulachon - landings							
EULACHON (Subtotal)			634,355.80	0.00		0.00	
FLATFISHES (GROUP)							
Flatfishes (group)	Pleuronectiformes	2011	4,588,653.25				
Flatfishes (group) - landings	Pleuronectiformes						
FLATFISHES (GROUP) (Subtotal)			4,588,653.25	0.00		0.00	
FLATHEAD SOLE							
Flathead sole - Gulf of Alaska	Hippoglossoides elassodon	2011	211,116.75				
Flathead sole - landings	Hippoglossoides elassodon				<0.01	31,483,914.00	
FLATHEAD SOLE (Subtotal)			211,116.75	0.00		31,483,914.00	
GOLDEN KING CRAB							
Golden king crab	Lithodes aequispinus	2011	208,025.07				a
Golden king crab - landings							
GOLDEN KING CRAB (Subtotal)			208,025.07	0.00		0.00	
GREENLAND HALIBUT							
Greenland halibut - Bering Sea / Aleutian Islands	Reinhardtius hippoglossoides	2011	976,375.95				b
Greenland halibut - landings	Reinhardtius hippoglossoides				0.11	7,833,338.00	
GREENLAND HALIBUT (Subtotal)			976,375.95	0.00		7,833,338.00	
GREENLINGS (GROUP)							
Greenlings (group)	Hexagrammidae	2011	23,322.91				
Greenlings (group) - landings	Hexagrammidae						
GREENLINGS (GROUP) (Subtotal)			23,322.91	0.00		0.00	
GRENADIERS (GROUP)							
Grenadiers (group)	Macrouridae	2011	32,260,848.57				
Grenadiers (group) - landings	Macrouridae						
GRENADIERS (GROUP) (Subtotal)			32,260,848.57	0.00		0.00	
GULF OF ALASKA BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP)							
Gulf of Alaska Blackspotted and Rougheye Rockfish Complex (group)		2011	184,350.33				
Gulf of Alaska Blackspotted and Rougheye Rockfish Complex (group) - landings							
GULF OF ALASKA BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP) (Subtotal)			184,350.33	0.00		0.00	
GULF OF ALASKA DEEPWATER FLATFISH COMPLEX (GROUP)							
Gulf of Alaska Deepwater Flatfish Complex (group)		2011	514,530.37				
Gulf of Alaska Deepwater Flatfish Complex (group) - landings							
GULF OF ALASKA DEEPWATER FLATFISH COMPLEX (GROUP) (Subtotal)			514,530.37	0.00		0.00	
GULF OF ALASKA DEMERSAL SHELF ROCKFISH COMPLEX (GROUP)							
Gulf of Alaska Demersal Shelf Rockfish Complex (group)		2011	88.05				
Gulf of Alaska Demersal Shelf Rockfish Complex (group) - landings							
GULF OF ALASKA DEMERSAL SHELF ROCKFISH COMPLEX (GROUP) (Subtotal)			88.05	0.00		0.00	
GULF OF ALASKA PELAGIC SHELF ROCKFISH COMPLEX (GROUP)							

Table 5.5.1b

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
Gulf of Alaska Pelagic Shelf Rockfish Complex (group)		2011	151,428.69				e
Gulf of Alaska Pelagic Shelf Rockfish Complex (group) - landings							
GULF OF ALASKA PELAGIC SHELF ROCKFISH COMPLEX (GROUP) (Subtotal)			151,428.69	0.00		0.00	
GULF OF ALASKA THORNYHEAD ROCKFISH COMPLEX (GROUP)							
Gulf of Alaska Thornyhead Rockfish Complex (group)		2011	199,790.30				
Gulf of Alaska Thornyhead Rockfish Complex (group) - landings							
GULF OF ALASKA THORNYHEAD ROCKFISH COMPLEX (GROUP) (Subtotal)			199,790.30	0.00		0.00	
HERMIT CRABS (UNIDENTIFIED) (GROUP)							
Hermit crabs (unidentified) (group)	Paguroidea	2011	44,968.34				c
Hermit crabs (unidentified) (group) - landings	Paguroidea						
HERMIT CRABS (UNIDENTIFIED) (GROUP) (Subtotal)			44,968.34	0.00		0.00	
INVERTEBRATES (UNIDENTIFIED) (GROUP)							
Invertebrates (unidentified) (group)		2011	359,711.91				c
Invertebrates (unidentified) (group) - landings							
INVERTEBRATES (UNIDENTIFIED) (GROUP) (Subtotal)			359,711.91	0.00		0.00	
LANTERNFISHES (GROUP)							
Lanternfishes (group)	Myctophidae	2011	413.23				c
Lanternfishes (group) - landings	Myctophidae						
LANTERNFISHES (GROUP) (Subtotal)			413.23	0.00		0.00	
LARGE SCULPINS (GROUP)							
Large sculpins (group)	Cottidae	2011	13,417,312.81				
Large sculpins (group) - landings	Cottidae						
LARGE SCULPINS (GROUP) (Subtotal)			13,417,312.81	0.00		0.00	
LONGNOSE SKATE							
Longnose skate	Raja rhina	2011	575,042.64				
Longnose skate - landings							
LONGNOSE SKATE (Subtotal)			575,042.64	0.00		0.00	
MISCELLANEOUS CRABS (UNIDENTIFIED) (GROUP)							
Miscellaneous crabs (unidentified) (group)	Decapoda	2011	71,125.19				c
Miscellaneous crabs (unidentified) (group) - landings	Decapoda						
MISCELLANEOUS CRABS (UNIDENTIFIED) (GROUP) (Subtotal)			71,125.19	0.00		0.00	
MISCELLANEOUS CRUSTACEANS (UNIDENTIFIED) (GROUP)							
Miscellaneous crustaceans (unidentified) (group)	Crustacea	2011	4,181.86				c
Miscellaneous crustaceans (unidentified) (group) - landings	Crustacea						
MISCELLANEOUS CRUSTACEANS (UNIDENTIFIED) (GROUP) (Subtotal)			4,181.86	0.00		0.00	
MISCELLANEOUS DEEP FISH (UNIDENTIFIED) (GROUP)							
Miscellaneous deep fish (unidentified) (group)	Teleostei	2011	30.56				c
Miscellaneous deep fish (unidentified) (group) - landings	Teleostei						
MISCELLANEOUS DEEP FISH (UNIDENTIFIED) (GROUP) (Subtotal)			30.56	0.00		0.00	
MISCELLANEOUS FISH (UNIDENTIFIED) (GROUP)							
Miscellaneous fish (unidentified) (group)	Teleostei	2011	2,367,183.82				c
Miscellaneous fish (unidentified) (group) - landings	Teleostei						
MISCELLANEOUS FISH (UNIDENTIFIED) (GROUP) (Subtotal)			2,367,183.82	0.00		0.00	
NON-CHINOOK SALMON (GROUP)							
Non-chinook salmon (group)	Salmonidae	2011	868,489.71				a
Non-chinook salmon (group) - landings	Salmonidae						
NON-CHINOOK SALMON (GROUP) (Subtotal)			868,489.71	0.00		0.00	
NORTHERN ROCKFISH							
Northern rockfish - Bering Sea / Aleutian Islands	Sebastes polyspinis	2011	344,247.60				
Northern rockfish - Western / Central Gulf of Alaska	Sebastes polyspinis	2011	282,474.62				
Northern rockfish - landings							
NORTHERN ROCKFISH (Subtotal)			626,722.22	0.00		0.00	
OCTOPUS (GROUP)							
Octopus (group)	Octopoda	2011	2,301,233.69				
Octopus (group) - landings	Octopoda						

Table 5.5.1b

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
OCTOPUS (GROUP) (Subtotal)			2,301,233.69	0.00		0.00	
OTHER OSMERIDS (GROUP)							
Other osmerids (group)	Osmeridae	2011	157,465.07				
Other osmerids (group) - landings	Osmeridae						
OTHER OSMERIDS (GROUP) (Subtotal)			157,465.07	0.00		0.00	
OTHER SCULPINS (GROUP)							
Other sculpins (group)	Cottidae	2011	1,001,387.49				
Other sculpins (group) - landings	Cottidae						
OTHER SCULPINS (GROUP) (Subtotal)			1,001,387.49	0.00		0.00	
PACIFIC COD							
Pacific cod - Bering Sea / Aleutian Islands	Gadus macrocephalus	2011	5,411,522.67				
Pacific cod - Gulf of Alaska	Gadus macrocephalus	2011	2,398,901.68				
Pacific cod - landings	Gadus macrocephalus				0.01	662,977,161.00	
PACIFIC COD (Subtotal)			7,810,424.35	0.00		662,977,161.00	
PACIFIC HALIBUT							
Pacific halibut	Hippoglossus stenolepis	2011	11,847,650.98				a
Pacific halibut - landings	Hippoglossus stenolepis						
PACIFIC HALIBUT (Subtotal)			11,847,650.98	0.00			
PACIFIC HERRING							
Pacific herring	Clupea pallasii	2011	897,401.83				
Pacific herring - landings	Clupea pallasii						
PACIFIC HERRING (Subtotal)			897,401.83	0.00			
PACIFIC OCEAN PERCH							
Pacific ocean perch - Bering Sea / Aleutian Islands	Sebastes alutus	2011	1,620,090.06				
Pacific ocean perch - Gulf of Alaska	Sebastes alutus	2011	2,046,993.83				
Pacific ocean perch - landings	Sebastes alutus				0.04	80,583,388.00	
PACIFIC OCEAN PERCH (Subtotal)			3,667,083.89	0.00		80,583,388.00	
PACIFIC SAND LANCE							
Pacific sand lance	Ammodytes hexapterus	2011	907.61				c
Pacific sand lance - landings							
PACIFIC SAND LANCE (Subtotal)			907.61	0.00		0.00	
PANDALID SHRIMP (GROUP)							
Pandalid shrimp (group)	Pandalidae	2011	20,458.50				c
Pandalid shrimp (group) - landings	Pandalidae						
PANDALID SHRIMP (GROUP) (Subtotal)			20,458.50	0.00		0.00	
POLYCHAETES (UNIDENTIFIED) (GROUP)							
Polychaetes (unidentified) (group)	Polychaeta	2011	670.98				c
Polychaetes (unidentified) (group) - landings	Polychaeta						
POLYCHAETES (UNIDENTIFIED) (GROUP) (Subtotal)			670.98	0.00		0.00	
PRICKLEBACKS (GROUP)							
Pricklebacks (group)	Stichaeidae	2011	2,006.61				c
Pricklebacks (group) - landings	Stichaeidae						
PRICKLEBACKS (GROUP) (Subtotal)			2,006.61	0.00		0.00	
RED KING CRAB							
Red king crab	Paralithodes camtschaticus	2011	249,497.57				a
Red king crab - landings							
RED KING CRAB (Subtotal)			249,497.57	0.00		0.00	
REX SOLE							
Rex sole - Gulf of Alaska	Glyptocephalus zachirus	2011	206,912.74				
Rex sole - landings	Glyptocephalus zachirus				0.02	8,274,711.00	
REX SOLE (Subtotal)			206,912.74	0.00		8,274,711.00	
ROCKFISH (GROUP)							
Rockfish (group)	Sebastes	2011	1,393,427.59				
Rockfish (group) - landings	Sebastes						
ROCKFISH (GROUP) (Subtotal)			1,393,427.59	0.00		0.00	

Table 5.5.1b

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
SABLEFISH							
Sablefish - Eastern Bering Sea / Aleutian Islands / Gulf of Alaska	Anoplopoma fimbria	2011	1,145,823.19				
Sablefish - landings	Anoplopoma fimbria				0.04	27,139,932.00	
SABLEFISH (Subtotal)			1,145,823.19	0.00		27,139,932.00	
SCYPHO JELLIES (GROUP)							
Scypho jellies (group)	Scyphozoa	2011	19,876,838.67				c
Scypho jellies (group) - landings	Scyphozoa						
SCYPHO JELLIES (GROUP) (Subtotal)			19,876,838.67	0.00		0.00	
SEA ANEMONES (UNIDENTIFIED) (GROUP)							
Sea anemones (unidentified) (group)	Actiniaria	2011	470,373.98				c
Sea anemones (unidentified) (group) - landings	Actiniaria						
SEA ANEMONES (UNIDENTIFIED) (GROUP) (Subtotal)			470,373.98	0.00		0.00	
SEA PENS AND WHIPS (GROUP)							
Sea pens and whips (group)	Octocorallia	2011	69,006.69				c
Sea pens and whips (group) - landings	Octocorallia						
SEA PENS AND WHIPS (GROUP) (Subtotal)			69,006.69	0.00		0.00	
SEA STAR (GROUP)							
Sea star (group)	Asteroidea	2011	6,155,734.77				c
Sea star (group) - landings	Asteroidea						
SEA STAR (GROUP) (Subtotal)			6,155,734.77	0.00		0.00	
SHALLOW WATER FLATFISH (GROUP)							
Shallow water flatfish (group)		2011	471,068.85				
Shallow water flatfish (group) - landings							
SHALLOW WATER FLATFISH (GROUP) (Subtotal)			471,068.85	0.00		0.00	
SHARKS (GROUP)							
Sharks (group)	Elasmobranchii	2011	1,226,683.19				
Sharks (group) - landings	Elasmobranchii						
SHARKS (GROUP) (Subtotal)			1,226,683.19	0.00		0.00	
SHORTRAKER ROCKFISH							
Shortraker rockfish	Sebastes borealis	2011	319,939.14				
Shortraker rockfish - landings							
SHORTRAKER ROCKFISH (Subtotal)			319,939.14	0.00		0.00	
SKATES (GROUP)							
Skates (group)	Rajidae	2011	40,613,446.52				
Skates (group) - landings	Rajidae						
SKATES (GROUP) (Subtotal)			40,613,446.52	0.00		0.00	
SNAILS (GROUP)							
Snails (group)	Gastropoda	2011	304,156.22				c
Snails (group) - landings	Gastropoda						
SNAILS (GROUP) (Subtotal)			304,156.22	0.00		0.00	
SNOW CRAB							
Snow crab	Chionoecetes opilio	2011	931,155.07				a
Snow crab - landings	Chionoecetes opilio						
SNOW CRAB (Subtotal)			931,155.07	0.00			
SOUTHERN TANNER CRAB							
Southern Tanner crab	Chionoecetes bairdi	2011	615,881.93				a
Southern Tanner crab - landings	Chionoecetes bairdi						
SOUTHERN TANNER CRAB (Subtotal)			615,881.93	0.00			
SPONGES (UNIDENTIFIED) (GROUP)							
Sponges (unidentified) (group)	Porifera	2011	706,337.02				c
Sponges (unidentified) (group) - landings	Porifera						
SPONGES (UNIDENTIFIED) (GROUP) (Subtotal)			706,337.02	0.00		0.00	
SQUID (GROUP)							
Squid (group)	Cephalopoda	2011	543,807.91				
Squid (group) - landings	Cephalopoda						

Table 5.5.1b

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
SQUID (GROUP) (Subtotal)			543,807.91	0.00		0.00	
URCHINS, DOLLARS AND/OR CUCUMBERS (GROUP)							
Urchins, dollars and/or cucumbers (group)	Echinodermata	2011	42,079.03				c
Urchins, dollars and/or cucumbers (group) - landings	Echinodermata						
URCHINS, DOLLARS AND/OR CUCUMBERS (GROUP) (Subtotal)			42,079.03	0.00		0.00	
WALLEYE POLLOCK							
Walleye pollock - Aleutian Islands	Theragra chalcogramma	2011	164,177.85				
Walleye pollock - Eastern Bering Sea	Theragra chalcogramma	2011	10,577,795.02				
Walleye pollock - Western / Central Gulf of Alaska	Theragra chalcogramma	2011	4,360,340.42				
Walleye pollock - landings					<0.01	2,810,796,000.00	
WALLEYE POLLOCK (Subtotal)			15,102,313.29	0.00		2,810,796,000.00	
YELLOWFIN SOLE							
Yellowfin sole - Bering Sea / Aleutian Islands	Limanda aspera	2011	10,449,664.05				
Yellowfin sole - landings	Limanda aspera				0.03	322,789,013.00	
YELLOWFIN SOLE (Subtotal)			10,449,664.05	0.00		322,789,013.00	
GRAND TOTAL			247,966,997.61	0.00		4,153,436,809.00	

FOOTNOTES:

- a Landings of this species are prohibited in the federal groundfish fisheries.
- b Greenland halibut (*Reinhardtius hippoglossoides*) is also commonly called Greenland turbot and this is the market name and fishery name for this species in Alaska.
- c Species is not landed in the federal groundfish fisheries (forage/non-target species).
- d Flathead sole as currently managed by the North Pacific Fishery Management Council in the BSAI represents a two-species complex consisting of true flathead sole (*Hippoglossoides elassodon*) and its morphologically-similar congener Bering flounder (*H. robustus*).
- e Prior to the 2012/2013 groundfish harvest specifications, the Gulf of Alaska pelagic shelf rockfish complex included widow, yellowtail, and dusky rockfish. In the 2012/2013 groundfish harvest specifications, widow and yellowtail rockfish were removed from the complex and included with the 'other rockfish' species group, leaving dusky rockfish to be managed as a separate, individual species.