

TABLE 5.5.3b ALASKA REGION FISH BYCATCH BY STOCKS AND SPECIES (2013) 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	2013	19,955,810.61				
Alaska plaice - landings							
ALASKA PLAICE (Subtotal)			19,955,810.61	0.00		0.00	
ARROWTOOTH FLOUNDER							
Arrowtooth flounder - Bering Sea / Aleutian Islands	Reinhardtius stomias	2013	7,922,405.78				
Arrowtooth flounder - Gulf of Alaska	Reinhardtius stomias	2013	12,199,436.09				
Arrowtooth flounder - landings	Reinhardtius stomias				0.22	72,735,738.00	
ARROWTOOTH FLOUNDER (Subtotal)			20,121,841.87	0.00		72,735,738.00	
ATKA MACKEREL							
Atka mackerel - Bering Sea / Aleutian Islands	Pleurogrammus monopterygius	2013	1,547,897.53				
Atka mackerel	Pleurogrammus monopterygius	2013	949,232.92				
Atka mackerel - landings	Pleurogrammus monopterygius				0.05	51,423,530.00	
ATKA MACKEREL (Subtotal)			2,497,130.45	0.00		51,423,530.00	
BENTHIC UROCHORDATA (GROUP)							
Benthic urochordata (group)	Urochordata	2013	573,829.75				c
Benthic urochordata (group) - landings	Urochordata						
BENTHIC UROCHORDATA (GROUP) (Subtotal)			573,829.75	0.00		0.00	
BERING SEA / ALEUTIAN ISLANDS BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP)							
Bering Sea / Aleutian Islands Blackspotted and Roughey Rockfish Complex (group)		2013	131,969.79				
Bering Sea / Aleutian Islands Blackspotted and Roughey Rockfish Complex (group) - landings							
BERING SEA / ALEUTIAN ISLANDS BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP) (Subtotal)			131,969.79	0.00		0.00	
BERING SEA / ALEUTIAN ISLANDS FLATHEAD SOLE COMPLEX (GROUP)							
Bering Sea / Aleutian Islands Flathead Sole Complex (group)		2013	3,450,066.24				d
Bering Sea / Aleutian Islands Flathead Sole Complex (group) - landings							
BERING SEA / ALEUTIAN ISLANDS FLATHEAD SOLE COMPLEX (GROUP) (Subtotal)			3,450,066.24	0.00		0.00	
BERING SEA / ALEUTIAN ISLANDS ROCK SOLE COMPLEX (GROUP)							
Bering Sea / Aleutian Islands Rock Sole Complex (group)		2013	7,018,924.77				
Bering Sea / Aleutian Islands Rock Sole Complex (group) - landings							
BERING SEA / ALEUTIAN ISLANDS ROCK SOLE COMPLEX (GROUP) (Subtotal)			7,018,924.77	0.00		0.00	
BIG SKATE							
Big skate	Raja binoculata	2013	2,097,305.29				
Big skate - landings							
BIG SKATE (Subtotal)			2,097,305.29	0.00		0.00	
BIVALVES (GROUP)							
Bivalves (group)	Bivalvia	2013	35,603.29				
Bivalves (group) - landings	Bivalvia						
BIVALVES (GROUP) (Subtotal)			35,603.29	0.00		0.00	
BLUE KING CRAB							
Blue king crab	Paralithodes platypus	2013	4,143.64				a
Blue king crab - landings							
BLUE KING CRAB (Subtotal)			4,143.64	0.00		0.00	
BRITTLE STARS (UNIDENTIFIED) (GROUP)							
Brittle stars (unidentified) (group)	Ophiuroidea	2013	17,582.64				c
Brittle stars (unidentified) (group) - landings	Ophiuroidea						
BRITTLE STARS (UNIDENTIFIED) (GROUP) (Subtotal)			17,582.64	0.00		0.00	
BRYOZOANS, HYDROIDS AND CORALS (GROUP)							
Bryozoans, hydroids and corals (group)		2013	134,329.70				c
Bryozoans, hydroids and corals (group) - landings							
BRYOZOANS, HYDROIDS AND CORALS (GROUP) (Subtotal)			134,329.70	0.00		0.00	
CAPELIN							
Capelin	Mallotus villosus	2013	651.47				c

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
Capelin - landings							
CAPELIN (Subtotal)			651.47	0.00		0.00	
CHINOOK SALMON							
Chinook salmon	Oncorhynchus tshawytscha	2013	246,206.64				a
Chinook salmon - landings	Oncorhynchus tshawytscha						
CHINOOK SALMON (Subtotal)			246,206.64	0.00			
DARK ROCKFISH							
Dark rockfish	Sebastes ciliatus	2013	106,678.30				
Dark rockfish - landings							
DARK ROCKFISH (Subtotal)			106,678.30	0.00		0.00	
DUSKY ROCKFISH							
Dusky rockfish - Gulf of Alaska	Sebastes variabilis	2013	363,474.89				f
Dusky rockfish - landings							
DUSKY ROCKFISH (Subtotal)			363,474.89	0.00		0.00	
EELPOUTS (GROUP)							
Eelpouts (group)	Zoarcidae	2013	438,634.67				c
Eelpouts (group) - landings	Zoarcidae						
EELPOUTS (GROUP) (Subtotal)			438,634.67	0.00		0.00	
EULACHON							
Eulachon	Thaleichthys pacificus	2013	60,219.62				c
Eulachon - landings							
EULACHON (Subtotal)			60,219.62	0.00		0.00	
FLATFISHES (GROUP)							
Flatfishes (group)	Pleuronectiformes	2013	1,812,149.18				
Flatfishes (group) - landings	Pleuronectiformes						
FLATFISHES (GROUP) (Subtotal)			1,812,149.18	0.00		0.00	
FLATHEAD SOLE							
Flathead sole - Gulf of Alaska	Hippoglossoides elassodon	2013	734,818.93				
Flathead sole - landings	Hippoglossoides elassodon				0.02	40,180,241.00	
FLATHEAD SOLE (Subtotal)			734,818.93	0.00		40,180,241.00	
GOLDEN KING CRAB							
Golden king crab	Lithodes aequispinus	2013	52,386.53				a
Golden king crab - landings							
GOLDEN KING CRAB (Subtotal)			52,386.53	0.00		0.00	
GREENLAND HALIBUT							
Greenland halibut - Bering Sea / Aleutian Islands	Reinhardtius hippoglossoides	2013	2,441,202.04				b
Greenland halibut - landings	Reinhardtius hippoglossoides				0.44	3,073,405.00	
GREENLAND HALIBUT (Subtotal)			2,441,202.04	0.00		3,073,405.00	
GREENLINGS (GROUP)							
Greenlings (group)	Hexagrammidae	2013	20,682.77				
Greenlings (group) - landings	Hexagrammidae						
GREENLINGS (GROUP) (Subtotal)			20,682.77	0.00		0.00	
GRENADIERS (GROUP)							
Grenadiers (group)	Macrouridae	2013	34,385,570.31				
Grenadiers (group) - landings	Macrouridae						
GRENADIERS (GROUP) (Subtotal)			34,385,570.31	0.00		0.00	
GULF OF ALASKA BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP)							
Gulf of Alaska Blackspotted and Rougheye Rockfish Complex (group)		2013	289,980.84				
Gulf of Alaska Blackspotted and Rougheye Rockfish Complex (group) - landings							
GULF OF ALASKA BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP) (Subtotal)			289,980.84	0.00		0.00	
GULF OF ALASKA DEEPWATER FLATFISH COMPLEX (GROUP)							
Gulf of Alaska Deepwater Flatfish Complex (group)		2013	224,050.04				
Gulf of Alaska Deepwater Flatfish Complex (group) - landings							
GULF OF ALASKA DEEPWATER FLATFISH COMPLEX (GROUP) (Subtotal)			224,050.04	0.00		0.00	
GULF OF ALASKA DEMERSAL SHELF ROCKFISH COMPLEX (GROUP)							

Table 5.5.3b

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
Gulf of Alaska Demersal Shelf Rockfish Complex (group)		2013	9,854.43				
Gulf of Alaska Demersal Shelf Rockfish Complex (group) - landings							
GULF OF ALASKA DEMERSAL SHELF ROCKFISH COMPLEX (GROUP) (Subtotal)			9,854.43	0.00		0.00	
GULF OF ALASKA THORNYHEAD ROCKFISH COMPLEX (GROUP)							
Gulf of Alaska Thornyhead Rockfish Complex (group)		2013	1,035,524.59				
Gulf of Alaska Thornyhead Rockfish Complex (group) - landings							
GULF OF ALASKA THORNYHEAD ROCKFISH COMPLEX (GROUP) (Subtotal)			1,035,524.59	0.00		0.00	
HERMIT CRABS (UNIDENTIFIED) (GROUP)							
Hermit crabs (unidentified) (group)	Paguroidea	2013	27,954.23				c
Hermit crabs (unidentified) (group) - landings	Paguroidea						
HERMIT CRABS (UNIDENTIFIED) (GROUP) (Subtotal)			27,954.23	0.00		0.00	
INVERTEBRATES (UNIDENTIFIED) (GROUP)							
Invertebrates (unidentified) (group)		2013	504,697.74				c
Invertebrates (unidentified) (group) - landings							
INVERTEBRATES (UNIDENTIFIED) (GROUP) (Subtotal)			504,697.74	0.00		0.00	
LANTERNFISHES (GROUP)							
Lanternfishes (group)	Myctophidae	2013	1,095.65				c
Lanternfishes (group) - landings	Myctophidae						
LANTERNFISHES (GROUP) (Subtotal)			1,095.65	0.00		0.00	
LARGE SCULPINS (GROUP)							
Large sculpins (group)	Cottidae	2013	15,778,031.62				
Large sculpins (group) - landings	Cottidae						
LARGE SCULPINS (GROUP) (Subtotal)			15,778,031.62	0.00		0.00	
LONGNOSE SKATE							
Longnose skate	Raja rhina	2013	2,444,622.38				
Longnose skate - landings							
LONGNOSE SKATE (Subtotal)			2,444,622.38	0.00		0.00	
MISCELLANEOUS CRABS (UNIDENTIFIED) (GROUP)							
Miscellaneous crabs (unidentified) (group)	Decapoda	2013	143,434.01				c
Miscellaneous crabs (unidentified) (group) - landings	Decapoda						
MISCELLANEOUS CRABS (UNIDENTIFIED) (GROUP) (Subtotal)			143,434.01	0.00		0.00	
MISCELLANEOUS CRUSTACEANS (UNIDENTIFIED) (GROUP)							
Miscellaneous crustaceans (unidentified) (group)	Crustacea	2013	3,313.40				c
Miscellaneous crustaceans (unidentified) (group) - landings	Crustacea						
MISCELLANEOUS CRUSTACEANS (UNIDENTIFIED) (GROUP) (Subtotal)			3,313.40	0.00		0.00	
MISCELLANEOUS DEEP FISH (UNIDENTIFIED) (GROUP)							
Miscellaneous deep fish (unidentified) (group)	Teleostei	2013	146.74				c
Miscellaneous deep fish (unidentified) (group) - landings	Teleostei						
MISCELLANEOUS DEEP FISH (UNIDENTIFIED) (GROUP) (Subtotal)			146.74	0.00		0.00	
MISCELLANEOUS FISH (UNIDENTIFIED) (GROUP)							
Miscellaneous fish (unidentified) (group)	Teleostei	2013	3,073,979.48				c
Miscellaneous fish (unidentified) (group) - landings	Teleostei						
MISCELLANEOUS FISH (UNIDENTIFIED) (GROUP) (Subtotal)			3,073,979.48	0.00		0.00	
NON-CHINOOK SALMON (GROUP)							
Non-chinook salmon (group)	Salmonidae	2013	561,867.24				a
Non-chinook salmon (group) - landings	Salmonidae						
NON-CHINOOK SALMON (GROUP) (Subtotal)			561,867.24	0.00		0.00	
NORTHERN ROCKFISH							
Northern rockfish - Bering Sea / Aleutian Islands	Sebastes polyspinis	2013	486,491.21				
Northern rockfish - Western / Central Gulf of Alaska	Sebastes polyspinis	2013	440,724.14				
Northern rockfish - landings							
NORTHERN ROCKFISH (Subtotal)			927,215.35	0.00		0.00	
OCTOPUS (GROUP)							
Octopus (group)	Octopoda	2013	890,870.12				
Octopus (group) - landings	Octopoda						

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COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
OCTOPUS (GROUP) (Subtotal)			890,870.12	0.00		0.00	
OTHER OSMERIDS (GROUP)							
Other osmerids (group)	Osmeridae	2013	27,429.34				
Other osmerids (group) - landings	Osmeridae						
OTHER OSMERIDS (GROUP) (Subtotal)			27,429.34	0.00		0.00	
OTHER SCULPINS (GROUP)							
Other sculpins (group)	Cottidae	2013	871,304.00				
Other sculpins (group) - landings	Cottidae						
OTHER SCULPINS (GROUP) (Subtotal)			871,304.00	0.00		0.00	
PACIFIC COD							
Pacific cod - Gulf of Alaska	Gadus macrocephalus	2013	9,799,640.68				
Pacific cod	Gadus macrocephalus	2013	11,279,237.70				
Pacific cod - landings	Gadus macrocephalus				0.03	681,318,098.00	
PACIFIC COD (Subtotal)			21,078,878.38	0.00		681,318,098.00	
PACIFIC HALIBUT							
Pacific halibut	Hippoglossus stenolepis	2013	16,586,783.51				g
Pacific halibut - landings	Hippoglossus stenolepis				0.37	28,695,646.00	
PACIFIC HALIBUT (Subtotal)			16,586,783.51	0.00		28,695,646.00	
PACIFIC HERRING							
Pacific herring	Clupea pallasii	2013	2,201,786.61				a
Pacific herring - landings	Clupea pallasii						
PACIFIC HERRING (Subtotal)			2,201,786.61	0.00			
PACIFIC OCEAN PERCH							
Pacific ocean perch - Bering Sea / Aleutian Islands	Sebastes alutus	2013	1,219,058.53				
Pacific ocean perch - Gulf of Alaska	Sebastes alutus	2013	2,216,499.42				
Pacific ocean perch - landings	Sebastes alutus				0.04	94,836,715.00	
PACIFIC OCEAN PERCH (Subtotal)			3,435,557.95	0.00		94,836,715.00	
PACIFIC SAND LANCE							
Pacific sand lance	Ammodytes hexapterus	2013	57.13				c
Pacific sand lance - landings							
PACIFIC SAND LANCE (Subtotal)			57.13	0.00		0.00	
PANDALID SHRIMP (GROUP)							
Pandalid shrimp (group)	Pandalidae	2013	16,539.96				c
Pandalid shrimp (group) - landings	Pandalidae						
PANDALID SHRIMP (GROUP) (Subtotal)			16,539.96	0.00		0.00	
POLYCHAETES (UNIDENTIFIED) (GROUP)							
Polychaetes (unidentified) (group)	Polychaeta	2013	4,840.33				c
Polychaetes (unidentified) (group) - landings	Polychaeta						
POLYCHAETES (UNIDENTIFIED) (GROUP) (Subtotal)			4,840.33	0.00		0.00	
PRICKLEBACKS (GROUP)							
Pricklebacks (group)	Stichaeidae	2013	2,033.88				c
Pricklebacks (group) - landings	Stichaeidae						
PRICKLEBACKS (GROUP) (Subtotal)			2,033.88	0.00		0.00	
RED KING CRAB							
Red king crab	Paralithodes camtschaticus	2013	406,787.16				a
Red king crab - landings							
RED KING CRAB (Subtotal)			406,787.16	0.00		0.00	
REX SOLE							
Rex sole - Gulf of Alaska	Glyptocephalus zachirus	2013	150,039.88				
Rex sole - landings	Glyptocephalus zachirus				0.02	9,562,983.00	
REX SOLE (Subtotal)			150,039.88	0.00		9,562,983.00	
ROCKFISH (GROUP)							
Rockfish (group)	Sebastes	2013	1,683,925.89				
Rockfish (group) - landings	Sebastes						
ROCKFISH (GROUP) (Subtotal)			1,683,925.89	0.00		0.00	

Table 5.5.3b

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	2013	1,468,536.32				
Sablefish - landings	Anoplopoma fimbria				0.05	30,214,942.00	
SABLEFISH (Subtotal)			1,468,536.32	0.00		30,214,942.00	
SCYPHO JELLIES (GROUP)							
Scypho jellies (group)	Scyphozoa	2013	13,874,037.64				c
Scypho jellies (group) - landings	Scyphozoa						
SCYPHO JELLIES (GROUP) (Subtotal)			13,874,037.64	0.00		0.00	
SEA ANEMONES (UNIDENTIFIED) (GROUP)							
Sea anemones (unidentified) (group)	Actiniaria	2013	740,632.24				c
Sea anemones (unidentified) (group) - landings	Actiniaria						
SEA ANEMONES (UNIDENTIFIED) (GROUP) (Subtotal)			740,632.24	0.00		0.00	
SEA PENS AND WHIPS (GROUP)							
Sea pens and whips (group)	Octocorallia	2013	128,103.25				c
Sea pens and whips (group) - landings	Octocorallia						
SEA PENS AND WHIPS (GROUP) (Subtotal)			128,103.25	0.00		0.00	
SEA STAR (GROUP)							
Sea star (group)	Asteroidea	2013	6,362,566.75				c
Sea star (group) - landings	Asteroidea						
SEA STAR (GROUP) (Subtotal)			6,362,566.75	0.00		0.00	
SHALLOW WATER FLATFISH (GROUP)							
Shallow water flatfish (group)		2013	532,093.40				
Shallow water flatfish (group) - landings							
SHALLOW WATER FLATFISH (GROUP) (Subtotal)			532,093.40	0.00		0.00	
SHARKS (GROUP)							
Sharks (group)	Elasmobranchii	2013	4,980,729.48				
Sharks (group) - landings	Elasmobranchii						
SHARKS (GROUP) (Subtotal)			4,980,729.48	0.00		0.00	
SHORTRAKER ROCKFISH							
Shortraker rockfish	Sebastes borealis	2013	954,420.42				
Shortraker rockfish - landings							
SHORTRAKER ROCKFISH (Subtotal)			954,420.42	0.00		0.00	
SKATES (GROUP)							
Skates (group)	Rajidae	2013	46,006,572.17				
Skates (group) - landings	Rajidae						
SKATES (GROUP) (Subtotal)			46,006,572.17	0.00		0.00	
SNAILS (GROUP)							
Snails (group)	Gastropoda	2013	232,217.26				c
Snails (group) - landings	Gastropoda						
SNAILS (GROUP) (Subtotal)			232,217.26	0.00		0.00	
SNOW CRAB							
Snow crab	Chionoecetes opilio	2013	1,855,009.57				a
Snow crab - landings	Chionoecetes opilio						
SNOW CRAB (Subtotal)			1,855,009.57	0.00			
SOUTHERN TANNER CRAB							
Southern Tanner crab	Chionoecetes bairdi	2013	398,331.36				a
Southern Tanner crab - landings	Chionoecetes bairdi						
SOUTHERN TANNER CRAB (Subtotal)			398,331.36	0.00			
SPONGES (UNIDENTIFIED) (GROUP)							
Sponges (unidentified) (group)	Porifera	2013	1,040,219.68				c
Sponges (unidentified) (group) - landings	Porifera						
SPONGES (UNIDENTIFIED) (GROUP) (Subtotal)			1,040,219.68	0.00		0.00	
SQUID (GROUP)							
Squid (group)	Cephalopoda	2013	476,130.02				
Squid (group) - landings	Cephalopoda						

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COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
SQUID (GROUP) (Subtotal)			476,130.02	0.00		0.00	
URCHINS, DOLLARS AND/OR CUCUMBERS (GROUP)							
Urchins, dollars and/or cucumbers (group)	Echinodermata	2013	28,357.31				c
Urchins, dollars and/or cucumbers (group) - landings	Echinodermata						
URCHINS, DOLLARS AND/OR CUCUMBERS (GROUP) (Subtotal)			28,357.31	0.00		0.00	
WALLEYE POLLOCK							
Walleye pollock - Aleutian Islands	Theragra chalcogramma	2013	236,981.07				
Walleye pollock - Eastern Bering Sea	Theragra chalcogramma	2013	11,842,119.35				
Walleye pollock - Western / Central Gulf of Alaska	Theragra chalcogramma	2013	5,338,779.63				
Walleye pollock - landings					<0.01	3,003,144,000.00	
WALLEYE POLLOCK (Subtotal)			17,417,880.05	0.00		3,003,144,000.00	
YELLOWFIN SOLE							
Yellowfin sole - Bering Sea / Aleutian Islands	Limanda aspera	2013	13,581,881.00				
Yellowfin sole - landings	Limanda aspera				0.04	350,052,058.00	
YELLOWFIN SOLE (Subtotal)			13,581,881.00	0.00		350,052,058.00	
GRAND TOTAL			279,161,533.19	0.00		1,520,078,161.00	

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*).

f Prior to the 2012/2013 groundfish harvest specifications, dusky rockfish were managed as part of the Gulf of Alaska pelagic shelf rockfish complex with widow and yellowtail 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. Dusky rockfish were managed as a separate, individual species.

g Landings of this species are prohibited in the federal groundfish fisheries. Prior to 2013, bycatch values reflected prohibited species catch. As of 2013, bycatch values also include discards in the directed halibut fishery. Regulations require halibut less than 32 inches in length be discarded in the directed halibut fishery.