

Table 5.4.1b ALASKA REGION FISH BYCATCH BY STOCKS AND SPECIES (2014) 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	BYCATCH POUNDS	BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
ALASKA PLAICE					
Alaska plaice - Bering Sea / Aleutian Islands	Pleuronectes quadrituberculatus	8,161,992.25			
Alaska plaice - landings	Pleuronectes quadrituberculatus		0.19	34,712,191.00	
ALASKA PLAICE (Subtotal)		8,161,992.25		34,712,191.00	
ATKA MACKEREL					
Atka mackerel - Bering Sea / Aleutian Islands	Pleurogrammus monopterygius	852,897.57			
Atka mackerel	Pleurogrammus monopterygius	168,631.15			
Atka mackerel - landings	Pleurogrammus monopterygius		0.01	69,511,073.00	
ATKA MACKEREL (Subtotal)		1,021,528.72		69,511,073.00	
BENTHIC UROCHORDATA (GROUP)					
Benthic urochordata (group)	Urochordata	430,437.48			c
Benthic urochordata (group) - landings	Urochordata				
BENTHIC UROCHORDATA (GROUP) (Subtotal)		430,437.48		0.00	
BERING SEA / ALEUTIAN ISLANDS BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP)					
Bering Sea / Aleutian Islands Blackspotted and Rougheye Rockfish Complex (group)		50,844.91			
Bering Sea / Aleutian Islands Blackspotted and Rougheye Rockfish Complex (group) - landings					
BERING SEA / ALEUTIAN ISLANDS BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP) (Subtotal)		50,844.91		0.00	
BERING SEA / ALEUTIAN ISLANDS FLATHEAD SOLE COMPLEX (GROUP)					
Bering Sea / Aleutian Islands Flathead Sole Complex (group)		3,052,667.75			d
Bering Sea / Aleutian Islands Flathead Sole Complex (group) - landings					
BERING SEA / ALEUTIAN ISLANDS FLATHEAD SOLE COMPLEX (GROUP) (Subtotal)		3,052,667.75		0.00	
BERING SEA / ALEUTIAN ISLANDS ROCK SOLE COMPLEX (GROUP)					
Bering Sea / Aleutian Islands Rock Sole Complex (group)		4,258,238.01			
Bering Sea / Aleutian Islands Rock Sole Complex (group) - landings					
BERING SEA / ALEUTIAN ISLANDS ROCK SOLE COMPLEX (GROUP) (Subtotal)		4,258,238.01		0.00	
BIG SKATE					
Big skate	Raja binoculata	2,739,862.65			
Big skate - landings	Raja binoculata		0.74	943,240.00	
BIG SKATE (Subtotal)		2,739,862.65		943,240.00	

BIVALVES (GROUP)				
Bivalves (group)	Bivalvia	27,228.71		c
Bivalves (group) - landings	Bivalvia			
BIVALVES (GROUP) (Subtotal)		27,228.71	0.00	
BLUE KING CRAB				
Blue king crab - Saint Matthews Island	Paralithodes platypus	96,276.00		j
Blue king crab	Paralithodes platypus	2,887.54		a
Blue king crab - landings	Paralithodes platypus		0.24	308,583.00
BLUE KING CRAB (Subtotal)		99,163.54		308,583.00
BRITTLE STARS (UNIDENTIFIED) (GROUP)				
Brittle stars (unidentified) (group)	Ophiuroidea	40,472.09		c
Brittle stars (unidentified) (group) - landings	Ophiuroidea			
BRITTLE STARS (UNIDENTIFIED) (GROUP) (Subtotal)		40,472.09		0.00
BRYOZOANS, HYDROIDS AND CORALS (GROUP)				
Bryozoans, hydroids and corals (group)		133,748.10		c
Bryozoans, hydroids and corals (group) - landings				
BRYOZOANS, HYDROIDS AND CORALS (GROUP) (Subtotal)		133,748.10		0.00
CAPELIN				
Capelin	Mallotus villosus	14,280.24		c
Capelin - landings				
CAPELIN (Subtotal)		14,280.24		0.00
CHINOOK SALMON				
Chinook salmon	Oncorhynchus tshawytscha	215,611.19		a
Chinook salmon - landings				
CHINOOK SALMON (Subtotal)		215,611.19		0.00
DARK ROCKFISH				
Dark rockfish	Sebastes ciliatus	119,784.17		
Dark rockfish - landings				
DARK ROCKFISH (Subtotal)		119,784.17		0.00
DUSKY ROCKFISH				
Dusky rockfish - Gulf of Alaska	Sebastes variabilis	212,478.62		e
Dusky rockfish - landings	Sebastes variabilis		0.03	6,538,080.00
DUSKY ROCKFISH (Subtotal)		212,478.62		6,538,080.00
EELPOUTS (GROUP)				

Eelpouts (group)	Zoarcidae	426,679.64			c
Eelpouts (group) - landings	Zoarcidae				
EELPOUTS (GROUP) (Subtotal)		426,679.64		0.00	
EULACHON					
Eulachon	Thaleichthys pacificus	551,582.59			c
Eulachon - landings					
EULACHON (Subtotal)		551,582.59		0.00	
FLATFISHES (GROUP)					
Flatfishes (group)	Pleuronectiformes	7,613,737.42			
Flatfishes (group) - landings	Pleuronectiformes				
FLATFISHES (GROUP) (Subtotal)		7,613,737.42		0.00	
FLATHEAD SOLE					
Flathead sole - Gulf of Alaska	Hippoglossoides elassodon	347,540.92			
Flathead sole - landings	Hippoglossoides elassodon		0.06	5,288,548.00	
FLATHEAD SOLE (Subtotal)		347,540.92		5,288,548.00	
GOLDEN KING CRAB					
Golden king crab	Lithodes aequispinus	37,600.91			a
Golden king crab - landings					
GOLDEN KING CRAB (Subtotal)		37,600.91		0.00	
GREENLAND HALIBUT					
Greenland halibut - Bering Sea / Aleutian Islands	Reinhardtius hippoglossoides	574,329.93			b
Greenland halibut - landings	Reinhardtius hippoglossoides		0.16	3,079,380.00	
GREENLAND HALIBUT (Subtotal)		574,329.93		3,079,380.00	
GREENLINGS (GROUP)					
Greenlings (group)	Hexagrammidae	16,505.07			c
Greenlings (group) - landings	Hexagrammidae				
GREENLINGS (GROUP) (Subtotal)		16,505.07		0.00	
GRENADIERS (GROUP)					
Grenadiers (group)	Macrouridae	20,020,501.22			
Grenadiers (group) - landings	Macrouridae				
GRENADIERS (GROUP) (Subtotal)		20,020,501.22		0.00	
GULF OF ALASKA BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP)					
Gulf of Alaska Blackspotted and Rougheye Rockfish Complex (group)		278,333.01			
Gulf of Alaska Blackspotted and Rougheye Rockfish Complex (group) - landings					

GULF OF ALASKA BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP) (Subtotal)		278,333.01		0.00
GULF OF ALASKA DEEPWATER FLATFISH COMPLEX (GROUP)				
Gulf of Alaska Deepwater Flatfish Complex (group)		259,121.52		
Gulf of Alaska Deepwater Flatfish Complex (group) - landings				
GULF OF ALASKA DEEPWATER FLATFISH COMPLEX (GROUP) (Subtotal)		259,121.52		0.00
GULF OF ALASKA DEMERSAL SHELF ROCKFISH COMPLEX (GROUP)				
Gulf of Alaska Demersal Shelf Rockfish Complex (group)		18,993.12		
Gulf of Alaska Demersal Shelf Rockfish Complex (group) - landings				
GULF OF ALASKA DEMERSAL SHELF ROCKFISH COMPLEX (GROUP) (Subtotal)		18,993.12		0.00
GULF OF ALASKA THORNYHEAD ROCKFISH COMPLEX (GROUP)				
Gulf of Alaska Thornyhead Rockfish Complex (group)		442,818.62		
Gulf of Alaska Thornyhead Rockfish Complex (group) - landings				
GULF OF ALASKA THORNYHEAD ROCKFISH COMPLEX (GROUP) (Subtotal)		442,818.62		0.00
HERMIT CRABS (UNIDENTIFIED) (GROUP)				
Hermit crabs (unidentified) (group)	Paguroidea	29,495.68		c
Hermit crabs (unidentified) (group) - landings	Paguroidea			
HERMIT CRABS (UNIDENTIFIED) (GROUP) (Subtotal)		29,495.68		0.00
INVERTEBRATES (UNIDENTIFIED) (GROUP)				
Invertebrates (unidentified) (group)		165,331.44		c
Invertebrates (unidentified) (group) - landings				
INVERTEBRATES (UNIDENTIFIED) (GROUP) (Subtotal)		165,331.44		0.00
KAMCHATKA FLOUNDER				
Kamchatka flounder	Atheresthes evermanni	1,201,442.09		
Kamchatka flounder - landings				
KAMCHATKA FLOUNDER (Subtotal)		1,201,442.09		0.00
LANTERNFISHES (GROUP)				
Lanternfishes (group)	Myctophidae	1,219.78		c
Lanternfishes (group) - landings	Myctophidae			
LANTERNFISHES (GROUP) (Subtotal)		1,219.78		0.00
LONGNOSE SKATE				
Longnose skate	Raja rhina	1,540,529.80		
Longnose skate - landings	Raja rhina		0.45	1,889,116.00
LONGNOSE SKATE (Subtotal)		1,540,529.80		1,889,116.00
MISCELLANEOUS CRABS (UNIDENTIFIED) (GROUP)				

Miscellaneous crabs (unidentified) (group)	Decapoda	92,127.16		c
Miscellaneous crabs (unidentified) (group) - landings	Decapoda			
MISCELLANEOUS CRABS (UNIDENTIFIED) (GROUP) (Subtotal)		92,127.16	0.00	
MISCELLANEOUS CRUSTACEANS (UNIDENTIFIED) (GROUP)				
Miscellaneous crustaceans (unidentified) (group)	Crustacea	3,845.42		c
Miscellaneous crustaceans (unidentified) (group) - landings	Crustacea			
MISCELLANEOUS CRUSTACEANS (UNIDENTIFIED) (GROUP) (Subtotal)		3,845.42	0.00	
MISCELLANEOUS DEEP FISH (UNIDENTIFIED) (GROUP)				
Miscellaneous deep fish (unidentified) (group)	Teleostei	459.15		c
Miscellaneous deep fish (unidentified) (group) - landings	Teleostei			
MISCELLANEOUS DEEP FISH (UNIDENTIFIED) (GROUP) (Subtotal)		459.15	0.00	
MISCELLANEOUS FISH (UNIDENTIFIED) (GROUP)				
Miscellaneous fish (unidentified) (group)	Teleostei	2,384,692.83		c
Miscellaneous fish (unidentified) (group) - landings	Teleostei			
MISCELLANEOUS FISH (UNIDENTIFIED) (GROUP) (Subtotal)		2,384,692.83	0.00	
NON-CHINOOK SALMON (GROUP)				
Non-chinook salmon (group)	Salmonidae	1,072,459.49		a
Non-chinook salmon (group) - landings	Salmonidae			
NON-CHINOOK SALMON (GROUP) (Subtotal)		1,072,459.49	0.00	
NORTHERN ROCKFISH				
Northern rockfish - Bering Sea / Aleutian Islands	Sebastes polyspinis	337,512.60		
Northern rockfish - Western / Central Gulf of Alaska	Sebastes polyspinis	361,937.41		
Northern rockfish - landings	Sebastes polyspinis		0.05	13,893,937.00
NORTHERN ROCKFISH (Subtotal)		699,450.01		13,893,937.00
OCTOPUS (GROUP)				
Octopus (group)	Octopoda	2,450,162.18		
Octopus (group) - landings	Octopoda			
OCTOPUS (GROUP) (Subtotal)		2,450,162.18		0.00
OTHER OSMERIDS (GROUP)				
Other osmerids (group)	Osmeridae	192,120.76		
Other osmerids (group) - landings	Osmeridae			
OTHER OSMERIDS (GROUP) (Subtotal)		192,120.76		0.00
PACIFIC COD				
Pacific cod - Bering Sea	Gadus macrocephalus	8,475,120.99		

Pacific cod - Gulf of Alaska	Gadus macrocephalus	11,321,438.76			
Pacific cod - landings	Gadus macrocephalus		0.03	640,174,303.00	
PACIFIC COD (Subtotal)		19,796,559.75		640,174,303.00	
PACIFIC HALIBUT					
Pacific halibut	Hippoglossus stenolepis	12,865,952.55			f
Pacific halibut - landings	Hippoglossus stenolepis		0.37	22,084,883.00	
PACIFIC HALIBUT (Subtotal)		12,865,952.55		22,084,883.00	
PACIFIC HERRING					
Pacific herring	Clupea pallasii	423,113.84			a
Pacific herring - landings					
PACIFIC HERRING (Subtotal)		423,113.84		0.00	
PACIFIC OCEAN PERCH					
Pacific ocean perch - Bering Sea / Aleutian Islands	Sebastes alutus	2,197,479.78			
Pacific ocean perch - Gulf of Alaska	Sebastes alutus	3,700,029.32			
Pacific ocean perch - landings	Sebastes alutus		0.05	104,437,586.00	
PACIFIC OCEAN PERCH (Subtotal)		5,897,509.10		104,437,586.00	
PACIFIC SAND LANCE					
Pacific sand lance	Ammodytes hexapterus	201.78			c
Pacific sand lance - landings					
PACIFIC SAND LANCE (Subtotal)		201.78		0.00	
PANDALID SHRIMP (GROUP)					
Pandalid shrimp (group)	Pandalidae	18,152.92			c
Pandalid shrimp (group) - landings	Pandalidae				
PANDALID SHRIMP (GROUP) (Subtotal)		18,152.92		0.00	
POLYCHAETES (UNIDENTIFIED) (GROUP)					
Polychaetes (unidentified) (group)	Polychaeta	469.86			c
Polychaetes (unidentified) (group) - landings	Polychaeta				
POLYCHAETES (UNIDENTIFIED) (GROUP) (Subtotal)		469.86		0.00	
PRICKLEBACKS (GROUP)					
Pricklebacks (group)	Stichaeidae	2,583.15			c
Pricklebacks (group) - landings	Stichaeidae				
PRICKLEBACKS (GROUP) (Subtotal)		2,583.15		0.00	
RED KING CRAB					
Red king crab - Bristol Bay	Paralithodes camtschaticus	7,765,342.00			j

Red king crab	Paralithodes camtschaticus	569,847.96			a
Red king crab - landings	Paralithodes camtschaticus		0.45	10,410,611.00	
RED KING CRAB (Subtotal)		8,335,189.96		10,410,611.00	
REX SOLE					
Rex sole - Gulf of Alaska	Glyptocephalus zachirus	100,733.48			
Rex sole - landings	Glyptocephalus zachirus		0.01	7,784,438.00	
REX SOLE (Subtotal)		100,733.48		7,784,438.00	
ROCKFISH (GROUP)					
Rockfish (group)	Sebastes	1,407,817.04			
Rockfish (group) - landings	Sebastes				
ROCKFISH (GROUP) (Subtotal)		1,407,817.04		0.00	
SABLEFISH					
Sablefish - Eastern Bering Sea / Aleutian Islands / Gulf of Alaska	Anoplopoma fimbria	1,231,170.18			
Sablefish - landings	Anoplopoma fimbria		0.05	24,261,351.00	
SABLEFISH (Subtotal)		1,231,170.18		24,261,351.00	
SCYPHO JELLIES (GROUP)					
Scypho jellies (group)	Scyphozoa	3,485,453.03			c
Scypho jellies (group) - landings	Scyphozoa				
SCYPHO JELLIES (GROUP) (Subtotal)		3,485,453.03		0.00	
SEA ANEMONES (UNIDENTIFIED) (GROUP)					
Sea anemones (unidentified) (group)	Actiniaria	711,361.20			c
Sea anemones (unidentified) (group) - landings	Actiniaria				
SEA ANEMONES (UNIDENTIFIED) (GROUP) (Subtotal)		711,361.20		0.00	
SEA PENS AND WHIPS (GROUP)					
Sea pens and whips (group)	Octocorallia	198,951.50			c
Sea pens and whips (group) - landings	Octocorallia				
SEA PENS AND WHIPS (GROUP) (Subtotal)		198,951.50		0.00	
SEA STAR (GROUP)					
Sea star (group)	Asteroidea	9,316,447.60			c
Sea star (group) - landings	Asteroidea				
SEA STAR (GROUP) (Subtotal)		9,316,447.60		0.00	
SHALLOW WATER FLATFISH (GROUP)					
Shallow water flatfish (group)		948,847.71			
Shallow water flatfish (group) - landings					

SHALLOW WATER FLATFISH (GROUP) (Subtotal)		948,847.71		0.00
SHARKS (GROUP)				
Sharks (group)	Elasmobranchii	3,658,419.61		
Sharks (group) - landings	Elasmobranchii			
SHARKS (GROUP) (Subtotal)		3,658,419.61		0.00
SHORTRAKER ROCKFISH				
Shortraker rockfish	Sebastes borealis	649,414.99		
Shortraker rockfish - landings	Sebastes borealis		0.35	1,209,286.00
SHORTRAKER ROCKFISH (Subtotal)		649,414.99		1,209,286.00
SKATES (GROUP)				
Skates (group)	Rajidae	45,618,479.55		
Skates (group) - landings	Rajidae			
SKATES (GROUP) (Subtotal)		45,618,479.55		0.00
SNAILS (GROUP)				
Snails (group)	Gastropoda	300,353.24		c
Snails (group) - landings	Gastropoda			
SNAILS (GROUP) (Subtotal)		300,353.24		0.00
SNOW CRAB				
Snow crab - Bering Sea	Chionoecetes opilio	865,940.37		j
Snow crab	Chionoecetes opilio	1,489,390.71		a
Snow crab - landings	Chionoecetes opilio		0.03	67,940,870.00
SNOW CRAB (Subtotal)		2,355,331.08		67,940,870.00
SOUTHERN TANNER CRAB				
Southern Tanner crab - Bering Sea	Chionoecetes bairdi	18,260,757.00		j
Southern Tanner crab	Chionoecetes bairdi	342,774.68		a
Southern Tanner crab - landings	Chionoecetes bairdi		0.58	13,704,232.00
SOUTHERN TANNER CRAB (Subtotal)		18,603,531.68		13,704,232.00
SPONGES (UNIDENTIFIED) (GROUP)				
Sponges (unidentified) (group)	Porifera	902,849.91		c
Sponges (unidentified) (group) - landings	Porifera			
SPONGES (UNIDENTIFIED) (GROUP) (Subtotal)		902,849.91		0.00
SQUID (GROUP)				
Squid (group)	Cephalopoda	2,280,994.73		
Squid (group) - landings	Cephalopoda			

SQUID (GROUP) (Subtotal)		2,280,994.73		0.00
URCHINS, DOLLARS AND/OR CUCUMBERS (GROUP)				
Urchins, dollars and/or cucumbers (group)	Echinodermata	48,814.72		c
Urchins, dollars and/or cucumbers (group) - landings	Echinodermata			
URCHINS, DOLLARS AND/OR CUCUMBERS (GROUP) (Subtotal)		48,814.72		0.00
WALLEYE POLLOCK				
Walleye pollock - Aleutian Islands	Gadus chalcogrammus	303,448.66		
Walleye pollock - Eastern Bering Sea	Gadus chalcogrammus	31,765,808.99		
Walleye pollock - Western / Central Gulf of Alaska	Gadus chalcogrammus	3,224,976.55		
Walleye pollock - landings	Gadus chalcogrammus		0.01	3,140,418,298.00
WALLEYE POLLOCK (Subtotal)		35,294,234.20		3,140,418,298.00
YELLOWFIN SOLE				
Yellowfin sole - Bering Sea / Aleutian Islands	Limanda aspera	10,155,721.92		
Yellowfin sole - landings	Limanda aspera		0.03	335,468,016.00
YELLOWFIN SOLE (Subtotal)		10,155,721.92		335,468,016.00
GRAND TOTAL		245,608,078.47		4,504,058,022.00

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, 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.

f 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.

j Bycatch and landings are reported by crab year (July 1, 2014 - June 30, 2015) instead of calendar year.