

**Table 5.4.2b ALASKA REGION FISH BYCATCH BY STOCKS AND SPECIES (2015)** 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)
<b>ALASKA PLAICE</b>					
Alaska plaice - Bering Sea / Aleutian Islands	Pleuronectes quadrituberculatus	2,714,701.56			
Alaska plaice - landings	Pleuronectes quadrituberculatus		0.08	29,503,163.00	
ALASKA PLAICE (Subtotal)		2,714,701.56		29,503,163.00	
<b>ATKA MACKEREL</b>					
Atka mackerel - Bering Sea / Aleutian Islands	Pleurogrammus monopterygius	1,740,412.88			
Atka mackerel	Pleurogrammus monopterygius	721,616.59			
Atka mackerel - landings	Pleurogrammus monopterygius		0.02	117,678,656.00	
ATKA MACKEREL (Subtotal)		2,462,029.47		117,678,656.00	
<b>BENTHIC UROCHORDATA (GROUP)</b>					
Benthic urochordata (group)	Urochordata	909,232.35			c
Benthic urochordata (group) - landings	Urochordata				
BENTHIC UROCHORDATA (GROUP) (Subtotal)		909,232.35		0.00	
<b>BERING SEA / ALEUTIAN ISLANDS BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP)</b>					
Bering Sea / Aleutian Islands Blackspotted and Rougheye Rockfish Complex (group)		54,732.03			
Bering Sea / Aleutian Islands Blackspotted and Rougheye Rockfish Complex (group) - landings					
BERING SEA / ALEUTIAN ISLANDS BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP) (Subtotal)		54,732.03		0.00	
<b>BERING SEA / ALEUTIAN ISLANDS FLATHEAD SOLE COMPLEX (GROUP)</b>					
Bering Sea / Aleutian Islands Flathead Sole Complex (group)		2,713,743.11			d
Bering Sea / Aleutian Islands Flathead Sole Complex (group) - landings					
BERING SEA / ALEUTIAN ISLANDS FLATHEAD SOLE COMPLEX (GROUP) (Subtotal)		2,713,743.11		0.00	
<b>BERING SEA / ALEUTIAN ISLANDS ROCK SOLE COMPLEX (GROUP)</b>					
Bering Sea / Aleutian Islands Rock Sole Complex (group)		2,506,557.77			
Bering Sea / Aleutian Islands Rock Sole Complex (group) - landings					
BERING SEA / ALEUTIAN ISLANDS ROCK SOLE COMPLEX (GROUP) (Subtotal)		2,506,557.77		0.00	
<b>BIG SKATE</b>					
Big skate	Raja binoculata	2,811,834.53			
Big skate - landings	Raja binoculata		0.84	523,882.00	
BIG SKATE (Subtotal)		2,811,834.53		523,882.00	

<b>BIVALVES (GROUP)</b>				
Bivalves (group)	Bivalvia	28,991.10		c
Bivalves (group) - landings	Bivalvia			
BIVALVES (GROUP) (Subtotal)		28,991.10	0.00	
<b>BLUE KING CRAB</b>				
Blue king crab - Pribilof Islands	Paralithodes platypus	727.53		j
Blue king crab - Saint Matthews Island	Paralithodes platypus	47,443.48		j
Blue king crab	Paralithodes platypus	9,886.79		a
Blue king crab - landings	Paralithodes platypus		0.35	106,423.00
BLUE KING CRAB (Subtotal)		58,057.80		106,423.00
<b>BRITTLE STARS (UNIDENTIFIED) (GROUP)</b>				
Brittle stars (unidentified) (group)	Ophiuroidea	56,568.29		c
Brittle stars (unidentified) (group) - landings	Ophiuroidea			
BRITTLE STARS (UNIDENTIFIED) (GROUP) (Subtotal)		56,568.29		0.00
<b>BRYOZOANS, HYDROIDS AND CORALS (GROUP)</b>				
Bryozoans, hydroids and corals (group)		187,690.52		c
Bryozoans, hydroids and corals (group) - landings				
BRYOZOANS, HYDROIDS AND CORALS (GROUP) (Subtotal)		187,690.52		0.00
<b>CAPELIN</b>				
Capelin	Mallotus villosus	24,357.28		c
Capelin - landings				
CAPELIN (Subtotal)		24,357.28		0.00
<b>CHINOOK SALMON</b>				
Chinook salmon	Oncorhynchus tshawytscha	267,301.88		a
Chinook salmon - landings				
CHINOOK SALMON (Subtotal)		267,301.88		0.00
<b>DARK ROCKFISH</b>				
Dark rockfish	Sebastes ciliatus	118,643.66		
Dark rockfish - landings				
DARK ROCKFISH (Subtotal)		118,643.66		0.00
<b>DUSKY ROCKFISH</b>				
Dusky rockfish - Gulf of Alaska	Sebastes variabilis	323,676.08		e
Dusky rockfish - landings	Sebastes variabilis		0.05	5,806,875.00
DUSKY ROCKFISH (Subtotal)		323,676.08		5,806,875.00

<b>EELPOUTS (GROUP)</b>				
Eelpouts (group)	Zoarcidae	347,802.14		c
Eelpouts (group) - landings	Zoarcidae			
EELPOUTS (GROUP) (Subtotal)		347,802.14		0.00
<b>EULACHON</b>				
Eulachon	Thaleichthys pacificus	216,071.94		c
Eulachon - landings				
EULACHON (Subtotal)		216,071.94		0.00
<b>FLATFISHES (GROUP)</b>				
Flatfishes (group)	Pleuronectiformes	3,649,653.65		
Flatfishes (group) - landings	Pleuronectiformes			
FLATFISHES (GROUP) (Subtotal)		3,649,653.65		0.00
<b>FLATHEAD SOLE</b>				
Flathead sole - Gulf of Alaska	Hippoglossoides elassodon	310,046.77		
Flathead sole - landings	Hippoglossoides elassodon		0.07	4,099,259.00
FLATHEAD SOLE (Subtotal)		310,046.77		4,099,259.00
<b>GOLDEN KING CRAB</b>				
Golden king crab	Lithodes aequispinus	42,944.11		a
Golden king crab - landings				
GOLDEN KING CRAB (Subtotal)		42,944.11		0.00
<b>GREENLAND HALIBUT</b>				
Greenland halibut - Bering Sea / Aleutian Islands	Reinhardtius hippoglossoides	268,221.15		b
Greenland halibut - landings	Reinhardtius hippoglossoides		0.06	4,595,452.00
GREENLAND HALIBUT (Subtotal)		268,221.15		4,595,452.00
<b>GREENLINGS (GROUP)</b>				
Greenlings (group)	Hexagrammidae	26,623.79		c
Greenlings (group) - landings	Hexagrammidae			
GREENLINGS (GROUP) (Subtotal)		26,623.79		0.00
<b>GRENADIERS (GROUP)</b>				
Grenadiers (group)	Macrouridae	19,634,934.45		
Grenadiers (group) - landings	Macrouridae			
GRENADIERS (GROUP) (Subtotal)		19,634,934.45		0.00
<b>GULF OF ALASKA BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP)</b>				
Gulf of Alaska Blackspotted and Rougheye Rockfish Complex (group)		296,729.07		

Gulf of Alaska Blackspotted and Rougheye Rockfish Complex (group) - landings

GULF OF ALASKA BLACKSPOTTED AND ROUGHEYE ROCKFISH COMPLEX (GROUP) (Subtotal)		296,729.07		0.00
<b>GULF OF ALASKA DEEPWATER FLATFISH COMPLEX (GROUP)</b>				
Gulf of Alaska Deepwater Flatfish Complex (group)		321,897.64		
Gulf of Alaska Deepwater Flatfish Complex (group) - landings				
GULF OF ALASKA DEEPWATER FLATFISH COMPLEX (GROUP) (Subtotal)		321,897.64		0.00
<b>GULF OF ALASKA DEMERSAL SHELF ROCKFISH COMPLEX (GROUP)</b>				
Gulf of Alaska Demersal Shelf Rockfish Complex (group)		9,637.29		
Gulf of Alaska Demersal Shelf Rockfish Complex (group) - landings				
GULF OF ALASKA DEMERSAL SHELF ROCKFISH COMPLEX (GROUP) (Subtotal)		9,637.29		0.00
<b>GULF OF ALASKA THORNYHEAD ROCKFISH COMPLEX (GROUP)</b>				
Gulf of Alaska Thornyhead Rockfish Complex (group)		532,255.07		
Gulf of Alaska Thornyhead Rockfish Complex (group) - landings				
GULF OF ALASKA THORNYHEAD ROCKFISH COMPLEX (GROUP) (Subtotal)		532,255.07		0.00
<b>HERMIT CRABS (UNIDENTIFIED) (GROUP)</b>				
Hermit crabs (unidentified) (group)	Paguroidea	26,460.65		c
Hermit crabs (unidentified) (group) - landings	Paguroidea			
HERMIT CRABS (UNIDENTIFIED) (GROUP) (Subtotal)		26,460.65		0.00
<b>INVERTEBRATES (UNIDENTIFIED) (GROUP)</b>				
Invertebrates (unidentified) (group)		37,310.67		c
Invertebrates (unidentified) (group) - landings				
INVERTEBRATES (UNIDENTIFIED) (GROUP) (Subtotal)		37,310.67		0.00
<b>KAMCHATKA FLOUNDER</b>				
Kamchatka flounder	Atheresthes evermanni	820,303.34		
Kamchatka flounder - landings				
KAMCHATKA FLOUNDER (Subtotal)		820,303.34		0.00
<b>LANTERNFISHES (GROUP)</b>				
Lanternfishes (group)	Myctophidae	906.08		c
Lanternfishes (group) - landings	Myctophidae			
LANTERNFISHES (GROUP) (Subtotal)		906.08		0.00
<b>LONGNOSE SKATE</b>				
Longnose skate	Raja rhina	1,740,511.30		
Longnose skate - landings	Raja rhina		0.47	1,933,649.00
LONGNOSE SKATE (Subtotal)		1,740,511.30		1,933,649.00

<b>MISCELLANEOUS CRABS (UNIDENTIFIED) (GROUP)</b>				
Miscellaneous crabs (unidentified) (group)	Decapoda	86,471.84		c
Miscellaneous crabs (unidentified) (group) - landings	Decapoda			
MISCELLANEOUS CRABS (UNIDENTIFIED) (GROUP) (Subtotal)		86,471.84	0.00	
<b>MISCELLANEOUS CRUSTACEANS (UNIDENTIFIED) (GROUP)</b>				
Miscellaneous crustaceans (unidentified) (group)	Crustacea	4,399.67		c
Miscellaneous crustaceans (unidentified) (group) - landings	Crustacea			
MISCELLANEOUS CRUSTACEANS (UNIDENTIFIED) (GROUP) (Subtotal)		4,399.67	0.00	
<b>MISCELLANEOUS DEEP FISH (UNIDENTIFIED) (GROUP)</b>				
Miscellaneous deep fish (unidentified) (group)	Teleostei	678.53		c
Miscellaneous deep fish (unidentified) (group) - landings	Teleostei			
MISCELLANEOUS DEEP FISH (UNIDENTIFIED) (GROUP) (Subtotal)		678.53	0.00	
<b>MISCELLANEOUS FISH (UNIDENTIFIED) (GROUP)</b>				
Miscellaneous fish (unidentified) (group)	Teleostei	2,690,364.97		c
Miscellaneous fish (unidentified) (group) - landings	Teleostei			
MISCELLANEOUS FISH (UNIDENTIFIED) (GROUP) (Subtotal)		2,690,364.97	0.00	
<b>NON-CHINOOK SALMON (GROUP)</b>				
Non-chinook salmon (group)	Salmonidae	1,019,742.99		a
Non-chinook salmon (group) - landings	Salmonidae			
NON-CHINOOK SALMON (GROUP) (Subtotal)		1,019,742.99	0.00	
<b>NORTHERN ROCKFISH</b>				
Northern rockfish - Bering Sea / Aleutian Islands	Sebastes polyspinis	997,155.90		
Northern rockfish - Western / Central Gulf of Alaska	Sebastes polyspinis	398,077.68		
Northern rockfish - landings	Sebastes polyspinis		0.06	23,167,224.00
NORTHERN ROCKFISH (Subtotal)		1,395,233.58		23,167,224.00
<b>OCTOPUS (GROUP)</b>				
Octopus (group)	Octopoda	2,087,794.03		
Octopus (group) - landings	Octopoda			
OCTOPUS (GROUP) (Subtotal)		2,087,794.03		0.00
<b>OTHER OSMERIDS (GROUP)</b>				
Other osmerids (group)	Osmeridae	49,801.93		
Other osmerids (group) - landings	Osmeridae			
OTHER OSMERIDS (GROUP) (Subtotal)		49,801.93		0.00
<b>PACIFIC COD</b>				

Pacific cod - Bering Sea	Gadus macrocephalus	6,759,414.82			
Pacific cod - Gulf of Alaska	Gadus macrocephalus	3,612,579.10			
Pacific cod - landings	Gadus macrocephalus		0.02	628,710,376.00	
PACIFIC COD (Subtotal)		10,371,993.92		628,710,376.00	
<b>PACIFIC HALIBUT</b>					
Pacific halibut	Hippoglossus stenolepis	10,989,717.27			f
Pacific halibut - landings	Hippoglossus stenolepis		0.32	23,216,550.00	
PACIFIC HALIBUT (Subtotal)		10,989,717.27		23,216,550.00	
<b>PACIFIC HERRING</b>					
Pacific herring	Clupea pallasii	3,544,615.98			a
Pacific herring - landings					
PACIFIC HERRING (Subtotal)		3,544,615.98		0.00	
<b>PACIFIC OCEAN PERCH</b>					
Pacific ocean perch - Bering Sea / Aleutian Islands	Sebastes alutus	3,100,478.96			
Pacific ocean perch - Gulf of Alaska	Sebastes alutus	1,586,158.65			
Pacific ocean perch - landings	Sebastes alutus		0.04	105,886,747.00	
PACIFIC OCEAN PERCH (Subtotal)		4,686,637.61		105,886,747.00	
<b>PACIFIC SAND LANCE</b>					
Pacific sand lance	Ammodytes hexapterus	451.93			c
Pacific sand lance - landings					
PACIFIC SAND LANCE (Subtotal)		451.93		0.00	
<b>PANDALID SHRIMP (GROUP)</b>					
Pandalid shrimp (group)	Pandalidae	24,828.18			c
Pandalid shrimp (group) - landings	Pandalidae				
PANDALID SHRIMP (GROUP) (Subtotal)		24,828.18		0.00	
<b>POLYCHAETES (UNIDENTIFIED) (GROUP)</b>					
Polychaetes (unidentified) (group)	Polychaeta	614.40			c
Polychaetes (unidentified) (group) - landings	Polychaeta				
POLYCHAETES (UNIDENTIFIED) (GROUP) (Subtotal)		614.40		0.00	
<b>PRICKLEBACKS (GROUP)</b>					
Pricklebacks (group)	Stichaeidae	2,819.18			c
Pricklebacks (group) - landings	Stichaeidae				
PRICKLEBACKS (GROUP) (Subtotal)		2,819.18		0.00	
<b>RED KING CRAB</b>					

Red king crab - Bristol Bay	Paralithodes camtschaticus	5,855,261.54			j
Red king crab - Pribilof Islands	Paralithodes camtschaticus	1,058.22			j
Red king crab	Paralithodes camtschaticus	596,956.91			a
Red king crab - landings	Paralithodes camtschaticus		0.38	10,469,593.00	
RED KING CRAB (Subtotal)		6,453,276.67		10,469,593.00	
<b>REX SOLE</b>					
Rex sole - Gulf of Alaska	Glyptocephalus zachirus	70,067.28			
Rex sole - landings	Glyptocephalus zachirus		0.02	4,243,732.00	
REX SOLE (Subtotal)		70,067.28		4,243,732.00	
<b>ROCKFISH (GROUP)</b>					
Rockfish (group)	Sebastes	1,658,128.84			
Rockfish (group) - landings	Sebastes				
ROCKFISH (GROUP) (Subtotal)		1,658,128.84		0.00	
<b>SABLEFISH</b>					
Sablefish - Eastern Bering Sea / Aleutian Islands / Gulf of Alaska	Anoplopoma fimbria	1,753,180.80			
Sablefish - landings	Anoplopoma fimbria		0.07	22,401,777.00	
SABLEFISH (Subtotal)		1,753,180.80		22,401,777.00	
<b>SCYPHO JELLIES (GROUP)</b>					
Scypho jellies (group)	Scyphozoa	2,467,048.17			c
Scypho jellies (group) - landings	Scyphozoa				
SCYPHO JELLIES (GROUP) (Subtotal)		2,467,048.17		0.00	
<b>SEA ANEMONES (UNIDENTIFIED) (GROUP)</b>					
Sea anemones (unidentified) (group)	Actiniaria	646,411.57			c
Sea anemones (unidentified) (group) - landings	Actiniaria				
SEA ANEMONES (UNIDENTIFIED) (GROUP) (Subtotal)		646,411.57		0.00	
<b>SEA PENS AND WHIPS (GROUP)</b>					
Sea pens and whips (group)	Octocorallia	144,754.80			c
Sea pens and whips (group) - landings	Octocorallia				
SEA PENS AND WHIPS (GROUP) (Subtotal)		144,754.80		0.00	
<b>SEA STAR (GROUP)</b>					
Sea star (group)	Asteroidea	11,854,370.82			c
Sea star (group) - landings	Asteroidea				
SEA STAR (GROUP) (Subtotal)		11,854,370.82		0.00	
<b>SHALLOW WATER FLATFISH (GROUP)</b>					

Shallow water flatfish (group)		853,194.83		
Shallow water flatfish (group) - landings				
SHALLOW WATER FLATFISH (GROUP) (Subtotal)		853,194.83		0.00
<b>SHARKS (GROUP)</b>				
Sharks (group)	Elasmobranchii	3,299,744.15		
Sharks (group) - landings	Elasmobranchii			
SHARKS (GROUP) (Subtotal)		3,299,744.15		0.00
<b>SHORTRAKER ROCKFISH</b>				
Shortraker rockfish	Sebastes borealis	533,816.71		
Shortraker rockfish - landings	Sebastes borealis		0.33	1,100,788.00
SHORTRAKER ROCKFISH (Subtotal)		533,816.71		1,100,788.00
<b>SKATES (GROUP)</b>				
Skates (group)	Rajidae	48,817,776.31		
Skates (group) - landings	Rajidae			
SKATES (GROUP) (Subtotal)		48,817,776.31		0.00
<b>SNAILS (GROUP)</b>				
Snails (group)	Gastropoda	267,999.31		c
Snails (group) - landings	Gastropoda			
SNAILS (GROUP) (Subtotal)		267,999.31		0.00
<b>SNOW CRAB</b>				
Snow crab - Bering Sea	Chionoecetes opilio	32,696,853.01		j
Snow crab	Chionoecetes opilio	1,235,027.89		a
Snow crab - landings	Chionoecetes opilio		0.46	40,610,876.00
SNOW CRAB (Subtotal)		33,931,880.90		40,610,876.00
<b>SOUTHERN TANNER CRAB</b>				
Southern Tanner crab - Bering Sea	Chionoecetes bairdi	16,153,603.60		j
Southern Tanner crab	Chionoecetes bairdi	311,137.93		a
Southern Tanner crab - landings	Chionoecetes bairdi		0.46	19,641,801.00
SOUTHERN TANNER CRAB (Subtotal)		16,464,741.53		19,641,801.00
<b>SPONGES (UNIDENTIFIED) (GROUP)</b>				
Sponges (unidentified) (group)	Porifera	871,865.91		c
Sponges (unidentified) (group) - landings	Porifera			
SPONGES (UNIDENTIFIED) (GROUP) (Subtotal)		871,865.91		0.00
<b>SQUID (GROUP)</b>				

Squid (group)	Cephalopoda	2,545,071.24		
Squid (group) - landings	Cephalopoda			
SQUID (GROUP) (Subtotal)		2,545,071.24		0.00
<b>URCHINS, DOLLARS AND/OR CUCUMBERS (GROUP)</b>				
Urchins, dollars and/or cucumbers (group)	Echinodermata	59,998.52		c
Urchins, dollars and/or cucumbers (group) - landings	Echinodermata			
URCHINS, DOLLARS AND/OR CUCUMBERS (GROUP) (Subtotal)		59,998.52		0.00
<b>WALLEYE POLLOCK</b>				
Walleye pollock - Aleutian Islands	Gadus chalcogrammus	42,917.62		
Walleye pollock - Eastern Bering Sea	Gadus chalcogrammus	21,206,356.18		
Walleye pollock - Western / Central Gulf of Alaska	Gadus chalcogrammus	2,719,799.62		
Walleye pollock - landings	Gadus chalcogrammus		<0.01	3,252,747,810.00
WALLEYE POLLOCK (Subtotal)		23,969,073.42		3,252,747,810.00
<b>YELLOWFIN SOLE</b>				
Yellowfin sole - Bering Sea / Aleutian Islands	Limanda aspera	8,534,883.08		
Yellowfin sole - landings	Limanda aspera		0.03	271,312,842.00
YELLOWFIN SOLE (Subtotal)		8,534,883.08		271,312,842.00
<b>GRAND TOTAL</b>		<b>245,673,877.41</b>		<b>4,567,757,475.00</b>

#### 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.