APPENDIX 3. LIST OF FISHERIES IN NBR FIRST EDITION UPDATE 2 The official NBR list of fisheries was identical for 2011-2013. Gray shading indicates fisheries with a bycatch estimate that is greater than 0 for any natural resource type (fish or protected resources) in this report; F/I = fish/invertebrate, MM = marrine mammal, ST = sea turtle, SB = seabird, landing receipt = fish ticket, VMS = vessel monitoring system, VTR = vessel trip report.

2011-13 Fishery Name	Management Authority	Gear Type(s)	Target Species	Bycatch Type Estimated (Year)	Bycatch Data Source(s)	Footnote(s)
GREATER ATLANTIC REGION						
Group: Mid-Atlantic Gillnet Fisheries				Coastal bottlenose dolphin, Grey seal, Harbor porpoise, Harbor seal, Harp seal, Short- beaked common dolphin, Loggerhead sea turtle		
Mid-Atlantic Extra-Large-Mesh Gillnet	Federal	Gillnet	Striped bass, Goosefish, Skates, Other finfish	F/I (2011-2013)	Logbook, observer data, VMS, VTR	
Mid-Atlantic Large-Mesh Gillnet	Federal	Gillnet	Bluefish, Spiny dogfish, Smooth dogfish, Goosefish, Striped bass, Other finfish	F/I (2011, 2013)	Logbook, observer data, VMS, VTR	
Mid-Atlantic Small-Mesh Gillnet	Federal	Gillnet	Bluefish, Atlantic croaker, Atlantic menhaden, Other finfish	F/I (2011, 2013)	Logbook, observer data, VMS, VTR	
Group: Mid-Atlantic Otter Trawl Fisheries				Offshore bottlenose dolphin, Grey seal, Harbor seal, Risso's dolphin, Short-beaked common dolphin, Loggerhead sea turtle		
Mid-Atlantic Large-Mesh Otter Trawl	Federal	Otter trawl bottom, fish	Summer flounder, Winter flounder, Other finfish	F/I (2011-2013)	Logbook, observer data, VMS, VTR	
Mid-Atlantic Small-Mesh Otter Trawl	Federal	Otter trawl bottom, fish	Short-finned squid, Long-finned squid, Silver hake, Other finfish	F/I (2011-2013)	Logbook, observer data, VMS, VTR	
Group: Mid-Atlantic Scallop Dredge Fisheries				Loggerhead sea turtle		
Mid-Atlantic General Category Closed Area Scallop Dredge	Federal	Dredge, New Bedford	Atlantic sea scallop, Goosefish	F/I (2011-2012)	Logbook, observer data, VMS, VTR	
Mid-Atlantic General Category Open Area Scallop Dredge	Federal	Dredge, New Bedford	Atlantic sea scallop, Goosefish	F/I (2011-2013)	Logbook, observer data, VMS, VTR	
Mid-Atlantic Limited Access Closed Area Scallop Dredge	Federal	Dredge, New Bedford	Atlantic sea scallop, Goosefish	F/I (2011-2013)	Logbook, observer data, VMS, VTR	
Mid-Atlantic Limited Access Open Area Scallop Dredge	Federal	Dredge, New Bedford	Atlantic sea scallop, Goosefish	F/I (2011-2013)	Logbook, observer data, VMS, VTR	
Group: Mid-Atlantic Scallop Trawl Fisheries					VII	
Mid-Atlantic General Category Closed Area Scallop Trawl	Federal	Otter trawl, bottom, scallop	Summer flounder, Atlantic sea scallop		Logbook, observer data, VMS,	а
Mid-Atlantic General Category Open Area Scallop Trawl	Federal	Otter trawl, bottom, scallop	Summer flounder, Atlantic sea scallop	F/I (2012-2013)	Logbook, observer data, VMS,	а
Mid-Atlantic Limited Access Closed Area Scallop Trawl	Federal	Otter trawl, bottom, scallop	Summer flounder, Atlantic sea scallop		VIN	b
Mid-Atlantic Limited Access Open Area Scallop Trawl	Federal	Otter trawl, bottom, scallop	Summer flounder, Atlantic sea scallop			b
Group: New England Gillnet Fisheries				Atlantic white-sided dolphin, Grey seal, Harbor porpoise, Harbor seal, Harp seal, Long-finned pilot whale, Risso's dolphin, Short-beaked common dolphin		
New England Extra-Large-Mesh Gillnet	Federal	Gillnet	Goosefish, Groundfish, Skates, Other finfish	F/I (2011-2013)	Logbook, observer data, VMS, VTR	
New England Large-Mesh Gillnet	Federal	Gillnet	Groundfish, Spiny dogfish, Goosefish, Skates, Other finfish	F/I (2011-2013)	Logbook, observer data, VMS, VTR	
New England Small-Mesh Gilinet Group: New England Otter Trawl Fisheries	Federal	Gillnet	Various finfish	Atlantic white-sided dolphin, Offshore bottlenose dolphin, Grey seal, Harbor porpoise, Harbor seal, Long-finned pilot whale, Minke whale, Risso's dolphin, Short-beaked common dolphin	Logbook, observer data, VMS,	С
New England Large-Mesh Haddock Separator Otter	Federal	Otter trawls	Haddock, Other finfish	F/I (2011-2013)	Logbook, observer data, VMS,	d
Trawl New England Large-Mesh Otter Trawl	Federal	Otter trawl bottom, fish	Goosefish, Goundfish, Skates, Other finfish	F/I (2011-2013)	VTR Logbook, observer data, VMS, VTR	
New England Large-Mesh Ruhle Otter Trawl	Federal	Otter trawls	Groundfish	F/I (2011)	Logbook, observer data, VMS, VTR	d
New England Small-Mesh Otter Trawl	Federal	Otter trawl, bottom, fish	Short-finned squid, Long-finned squid, Silver hake, Other finfish	F/I (2011-2013)	Logbook, observer data, VMS, VTR	
Group: New England Scallop Dredge Fisheries			nake, Other limiter		VIIX	
New England General Category Closed Area Scallop Dredge	Federal	Dredge, New Bedford	Atlantic sea scallop, Goosefish	F/I (2013)	Logbook, observer data, VMS, VTR	
New England General Category Open Area Scallop Dredge	Federal	Dredge, New Bedford	Atlantic sea scallop, Goosefish	F/I (2011-2013)	Logbook, observer data, VMS, VTR	
New England Limited Access Closed Area Scallop Dredge	Federal	Dredge, New Bedford	Atlantic sea scallop, Goosefish	F/I (2011-2013)	Logbook, observer data, VMS, VTR	
New England Limited Access Open Area Scallop Dredge	Federal	Dredge, New Bedford	Atlantic sea scallop, Goosefish	F/I (2011-2013)	Logbook, observer data, VMS, VTR	
Ungrouped Fisheries (Greater Atlantic Region)						
Mid-Atlantic Bottom Longline	Federal	Longline, bottom	Atlantic cod, Tilefish, Other finfish			
Mid-Atlantic Clam/Quahog Dredge Mid-Atlantic Mid-Water Otter Trawl	Federal Federal	Dredge, clam Otter trawl midwater	Ocean quahog, Atlantic surfclam Atlantic herring, Atlantic mackerel, Other	F/I (2011-2012), MM (2011-2013)	Logbook, observer data, VMS,	
New England Bottom Longline	Federal	Longline, bottom	finfish Spiny dogfish, Groundfish, Goosefish, Other		VTR Logbook, observer data, VMS,	
New England Bottom Congline						
New England Clam/Quahog Dredge	Federal	Dredge, clam	finfish Ocean quahog, Atlantic surfclam		VTR	

2011-13 Fishery Name	Management Authority	Gear Type(s)	Target Species	Bycatch Type Estimated (Year)	Bycatch Data Source(s)	Footnote(s)
New England Mid-Water Otter Trawl	Federal	Otter trawl midwater	Atlantic herring, Atlantic mackerel, Other	F/I (2011-2013), MM (2011-2013)	Logbook, observer data, VMS,	,.
New England Scottish Seine	Federal	Scottish seine	finfish Atlantic cod, Silver hake, Winter flounder,		VTR	
Gulf of Maine and Mid-Atlantic Tuna, Shark, and	Federal,	Harpoon	Other finfish Bluefin tuna, Swordfish			
Swordfish Harpoon Gulf of Maine and Mid-Atlantic Tuna, Shark, and	International Federal,	Hook and line	Bluefin tuna, Swordfish			
Swordfish Hook-and-Line Mid-Atlantic Hand Line	International Federal,	Hand line	Black sea bass, Bluefish, Scup, Other finfish			
Mid-Atlantic Purse Seine	International Federal,	Purse seine	Atlantic menhaden, Other finfish			
New England Hand Line	International Federal,	Hand line	Atlantic cod, Scup, Bluefin tuna, Other finfish	F/I (2011-2013)	Logbook, observer data, VMS,	
New England Purse Seine	International Federal,	Purse seine	Atlantic herring, Bluefin tuna, Atlantic	F/I (2011-2013)	VTR Logbook, observer data, VMS,	е
Mid-Atlantic Beam Trawl	International Federal, State	Beam trawl	menhaden, Other finfish Various finfish and invertebrates		VTR	d
Mid-Atlantic Fish Pots and Traps	Federal, State	Pots and traps, fish	Black sea bass, Tautog, Other finfish			•
Mid-Atlantic Floating Trap	Federal, State	Floating traps (shallow)	Scup, Other finfish			d
Mid-Atlantic Lobster Pots	Federal, State	Pots and traps, lobster	Black sea bass, American lobster, Jonah crab			
Mid-Atlantic Other Dredge	Federal, State	Dredge, other	Various invertebrates			d
Mid-Atlantic Shrimp Trawl	Federal, State	Otter trawl bottom, shrimp	Summer flounder, Atlantic sea scallop, Ocean shrimp			
New England Shrimp Trawl	State	Otter trawl bottom, shrimp	Northern shrimp	F/I (2012-2013)	Logbook, observer data, VMS,	
New England Beam Trawl New England Fish Pots and Traps	Federal, State Federal, State	Beam trawl Pots and traps, fish	Various finfish and invertebrates Black sea bass, Scup, Hagfish, Other finfish		Logbook, observer data, VMS,	d
3					VTR	
New England Floating Trap New England Lobster Pots	Federal, State	Floating traps (shallow) Pots and traps, lobster	Scup, other finfish American lobster, Jonah crab, Rock crab	F/I (2012-2013)		d
		• •		7.7(20.2.2010)		
Atlantic Blue Crab Trap/Pot	State State	Pots and traps, blue crab Gillnet	Blue crab			
Chesapeake Bay Inshore Gillnet Delaware River Inshore Gillnet	State	Gilnet	Various finfish Various finfish			
Gulf of Maine Herring and Atlantic Mackerel Stop Seine		Stop seine	Atlantic herring, Atlantic mackerel			
			<u>-</u>			
Gulf of Maine Herring and Atlantic Mackerel Weir	State	Weir	Atlantic herring, Atlantic mackerel			
Gulf of Maine Mussel Gulf of Maine Urchin Dive, Hand/Mechanical Collection	State State	Dredge By hand, diving gear	Blue mussel Urchin			
•	State					
Long Island Sound Inshore Gillnet	State	Gillnet	Various finfish			
Mid-Atlantic Conch Pots and Traps	State	Pots and traps, conch	Whelk			d
Mid-Atlantic Crab Pots	State	Pots and traps	Red deepsea crab, Blue crab			
Mid-Atlantic Crab Stop Seine	State	Stop seine Weir	Blue crab			
Mid-Atlantic Crab Weir Mid-Atlantic Eel Trap/Pot	State	Pots and traps, eel	American eel			
Mid-Atlantic Eer Frap/Pot Mid-Atlantic Hand Seine	State	Other seine	Various finfish			
Mid-Atlantic Haul/Beach Seine	State	Haul seine	Various finfish			
Mid-Atlantic Oyster	State	Dredge	Eastern ovster			
New England Conch Pots and Traps	State	Pots and traps, conch	Whelk			d
New England Shrimp Pots and Traps	State	Pots and traps, shrimp	Shrimp			d
New England Shrimp Trawl	State	Otter trawl bottom, shrimp	Northern shrimp		Logbook, observer data, VMS,	
Northeast Atlantic Finfish Aquaculture	State	Aquaculture			3,	
Northeast Atlantic Shellfish Aquaculture	State	Aquaculture				
Rhode Island/South Massachusetts (to Monomoy Island) and New York Bight (Raritan and Lower New York Bays) Inshore Gillnet	State	Gillnet	Various finfish			
Virginia Pound Net	State	Pound net	Various finfish		Landard shares 1 : 1000	
New England Hagfish Pots and Traps		Pots and traps, hagfish	Hagfish		Logbook, observer data, VMS,	d, f
SOUTHEAST REGION Atlantic and Gulf of Mexico HMS Pelagic Longline	Federal	Longline, surface	Yellowfin tuna, Bigeye tuna, Swordfish	F/I (2011-2013), MM (2011-2013), ST (2011-	Logbook, observer data, survey	g
Caribbean Gillnet	Federal	Gillnet	Parrotfish, Reef fish	2013), SB (2011-2013)		
Caribbean Mixed Species Trap/Pot	Federal	Pots and traps, other	Red snapper, Caribbean spiny lobster, Reef			
Caribbean Spiny Lobster Trap/Pot	Federal	Pots and traps, lobster	Caribbean spiny lobster, Reef fish			
Florida Swordfish Buoy Gear	Federal	Buoy gear	Swordfish		Logbook	d
Gulf of Mexico Coastal Migratory Pelagic Gillnet	Federal	Gillnet, floating drift	Cobia, King mackerel, Spanish mackerel	F/I (2011-2013)	Logbook	
Gulf of Mexico Coastal Migratory Pelagic Troll	Federal	Troll line	Cobia, King mackerel, Spanish mackerel	F/I (2011-2013)	Logbook	
Gulf of Mexico Reef Fish Bottom Longline	Federal	Longline, bottom	Red grouper, Gag grouper, Samp, Tilefish	F/I (2011-2013), ST (2011-2013)	Logbook, observer data, stock assessment or publication, survey	
Gulf of Mexico Reef Fish Vertical Line	Federal	Vertical line	Red grouper, Red snapper, Vermilion snapper	F/I (2011-2013), ST (2012)	Logbook, observer data, stock assessment or publication	m
	Federal	Otter trawls	Brown shrimp, Pink shrimp, White shrimp	F/I (2011-2013)	Observer data, survey	
Gulf of Mexico Shrimp Trawl	i cuciai					
Gulf of Mexico Shrimp Trawl Large Coastal and Small Coastal Shark Aggregates (Drift, Strike, and Bottom Gillnet)	Federal	Gillnet	Blacktip shark, Sandbar shark, Atlantic sharpnose shark, Bonnethead		Logbook, observer data	

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2011-13 Fishery Name	Management Authority	Gear Type(s)	Target Species	Bycatch Type Estimated (Year)	Bycatch Data Source(s)	Footnote(s)
Southeastern Atlantic and Gulf of Mexico Shark Bottom		Longline, bottom	Sandbar shark, Blacktip shark, Other sharks		Logbook, observer data, survey	
Longline Southeastern Atlantic Black Sea Bass Pot	Federal	Pots and traps, black sea bass	Black sea bass			p
Southeastern Atlantic Coastal Migratory Pelagic Troll	Federal	Troll line	Cobia, King mackerel, Spanish mackerel,	F/I (2011-2013)	Logbook	t
Southeastern Atlantic Golden Crab Trap/Pot	Federal	Pots and traps, golden crab	Dolphinfish, Wahoo Deep-sea golden crab			
Southeastern Atlantic Shrimp Trawl	Federal	Otter trawls	Brown shrimp, Pink shrimp, White shrimp		Survey	n
	Federal	Longline, bottom	Tilefish, Snowy grouper	F/I (2011-2013), ST (2011-2012)	Logbook	х
ongline Southeastern Atlantic Snapper-Grouper Vertical Line	Federal	Vertical line	Nassau grouper, Red snapper, Yellowtail	F/I (2011-2013), ST (2012)	Logbook	у
Tarida Cainul abatas Tran/Dat	Federal, State	Date and trans labates	snapper, Vermilion snapper Caribbean spiny lobster			
	Federal, State	Pots and traps, lobster Pots and traps, stone crab	Florida stone crab			0
Trap/Pot						
	State	Purse seine	Atlantic menhaden			h
	State	Haul seines	Reef fish			
	State	Vertical line	Openition			d
	State	Purse seine, tarp	Sardine			
	State	Pots and traps, blue crab Cast net	Blue crab Brown shrimp, Pink shrimp, White shrimp,			· ·
			Mullet			1
	State	Gillnet	King mackerel, Spanish mackerel			
	State	Haul seines; other seines	Striped mullet			
Skimmer Trawls	State	Butterfly net; trawl, skimmer	Brown shrimp, Pink shrimp, White shrimp		-	k
Gulf of Mexico Menhaden	State	Purse seine	Atlantic menhaden			T
	State	Dredge; tongs	Eastern oyster			
North Carolina Inshore (Bays and Rivers) Gillnet	State	Gillnet	Striped bass, spot, Atlantic croaker, Bluefish,			
North Carolina Pound Net (Croaker, Weakfish)	State	Pound net	Weakfish Atlantic croaker, Weakfish			
North Carolina Southern Flounder Pound Net	State	Pound net	Southern flounder			
Southeastern Atlantic Blue Crab	State	Pots and traps, blue crab	Blue crab			q
	State	Cast net	Brown shrimp, Pink shrimp, White shrimp, Mullet			ŕ
Southeastern Atlantic Coastal Gillnet (Including North Carolina)	State	Gillnet	Atlantic croaker, Bluefish, King mackerel, Spanish mackerel, Southern kingfish, Striped bass, Goosefish, Spot, Weakfish	F/I (2011-2013)		s
Southeastern Atlantic Fish Trawl	State	Otter trawl bottom, fish	Butterfish, Squid			u
	State	Haul seines: stop net	Atlantic croaker, Spot, Weakfish, Striped			v
North Carolina)		,,	mullet, Brown shrimp, Pink shrimp, White shrimp			
Southeastern Atlantic Ocean, Gulf of Mexico, Caribbean Shellfish Dive, Hand/Mechanical Collection	State	By hand, diving gear	Clams, Oyster, Spiny lobster			
Southeastern Atlantic Oyster	State	Dredge; tongs	Eastern oyster			d
	State	Butterfly net; trawl, skimmer	Brown shrimp, Pink shrimp, White shrimp			w
Skimmer Trawls						
ALASKA REGION	-td					
Group: Bering Sea/Aleutian Islands Flatfish Trawl Fis Bering Sea/Aleutian Islands Flatfish Group (Arrowtooth	sneries Endoral	Otter trawl bottom, fish	Arrowtooth flounder, flathead sole, other	F/I (2011-2013), MM (2011-2013), SB (2011-	Landing receipt absorper data	
Flounder, Flathead Sole, Other Flatfish) Trawl	rederal	Otter trawi bottom, rish	flatfish	2013) MM (2011-2013), SB (2011-	production report	
Bering Sea/Aleutian Islands Rock Sole Trawl	Federal	Otter trawl bottom, fish	Rock sole	F/I (2011-2013), MM (2011-2013), SB (2011- 2013)	- Landing receipt, observer data, production report	
Bering Sea/Aleutian Islands Yellowfin Sole Trawl	Federal	Otter trawl bottom, fish	Yellowfin sole	F/I (2011-2013), MM (2011-2013), SB (2011- 2013)		
Group: Gulf of Alaska Flatfish Trawl Fisheries					p. 2222.John Topon	
Gulf of Alaska Arrowtooth Flounder Trawl	Federal	Otter trawl	Arrowtooth flounder	F/I (2011-2013), MM (2011-2013), SB (2013)	Landing receipt, observer data, production report	
	Federal	Otter trawl	Dover sole, Greenland halibut, Deepsea sole		Landing receipt, observer data, production report	
, , ,	Federal	Otter trawl bottom, fish	rock sole	F/I (2011-2013), MM (2011-2013), SB (2013)) Landing receipt, observer data, production report	
	Federal	Otter trawl	Flathead sole	F/I (2011-2013), MM (2011-2013), SB (2013)) Landing receipt, observer data, production report	
	Federal	Otter trawl	Rex Sole	F/I (2011-2013), MM (2011-2013), SB (2013)	Landing receipt, observer data, production report	
Ungrouped Fisheries (Alaska Region)						
Aleutian Islands/Eastern Bering Sea Atka Mackerel Trawl	Federal	Otter trawl midwater	Atka mackerel	F/I (2011-2013), MM (2011-2013), SB (2011	Landing receipt, observer data, production report	
Trawi Bering Sea/Aleutian Islands Greenland Turbot Longline	Federal	Longline	Greenland halibut	E/I (2011-2013), MM (2011), SB (2011-2013)		
Bering Sea/Aleutian Islands Pacific Cod Jig	Federal	Hand line, auto jig	Pacific cod		production report	
Bering Sea/Aleutian Islands Pacific Cod Longline	Federal	Longline	Pacific cod	F/I (2011-2013), MM (2011-2013), SB (2011- 2013)	- Landing receipt, observer data, production report	
Bering Sea/Aleutian Islands Pacific Cod Pot	Federal	Pots and traps, fish	Pacific cod	F/I (2011-2013), SB(2012-2013)	Landing receipt, observer data,	
Bering Sea/Aleutian Islands Pacific Cod Pot	Federal	Pots and traps, fish	Pacific cod	F/I (2011-2013), SB(2012-2013)	Landing receipt, observer data, production report	

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2011-13 Fishery Name	Management Authority	Gear Type(s)	Target Species	Bycatch Type Estimated (Year)	Bycatch Data Source(s)	Footnote(s)
Bering Sea/Aleutian Islands Pacific Cod Trawl	Federal	Otter trawl bottom, fish	Pacific cod	F/I (2011-2013), MM (2011-2013)	Landing receipt, observer data,	
Bering Sea/Aleutian Islands Pacific Ocean Perch Trawl	Federal	Otter trawl bottom, fish	Pacific ocean perch	F/I (2011-2013), MM (2011-2013)	production report Landing receipt, observer data,	
Bering Sea/Aleutian Islands Pollock Trawl	Federal	Otter trawl midwater	Pollock	F/I (2011-2013), MM (2011-2013), SB(2011-		
Bering Sea/Aleutian Islands Sablefish Longline	Federal	Longline	Sablefish	2013) F/I (2011-2013), SB(2011-2013)	production report Landing receipt, observer data,	
Bering Sea/Aleutian Islands Sablefish Pot	Federal	Pots and traps, fish	Sablefish	F/I (2011-2013)	production report Landing receipt, observer data,	
Bering Sea/Aleutian Islands Sablefish Trawl	Federal	Otter trawl	Sablefish	F/I (2013)	production report	
Gulf of Alaska Pacific Cod Jig	Federal		Pacific cod	17 (2013)	Landing respirit about a date	
		Hand line, auto jig			Landing receipt, observer data, production report	
Gulf of Alaska Pacific Cod Longline	Federal	Longline	Pacific cod	F/I (2011-2013), SB (2011-2013)	Landing receipt, observer data, production report	
Gulf of Alaska Pacific Cod Pot	Federal	Pots and traps, fish	Pacific cod	F/I (2011-2013), SB (2011, 2013)	Landing receipt, observer data, production report	
Gulf of Alaska Pacific Cod Trawl	Federal	Otter trawl bottom, fish	Pacific cod	F/I (2011-2013), MM (2011-2013)	Landing receipt, observer data, production report	
Gulf of Alaska Pollock Trawl	Federal	Otter trawl midwater	Pollock	F/I (2011-2013)	Landing receipt, observer data, production report	
Gulf of Alaska Rockfish (Northern Rockfish, Pelagic Shelf Rockfish, Pacific Ocean Perch) Trawl	Federal	Otter trawl bottom, fish	Pacific ocean perch, Northern rockfish, Pelagicshelf rockfish	F/I (2011-2013), SB (2011-2012)	Landing receipt, observer data, production report	
Gulf of Alaska Sablefish Longline	Federal	Longline	Sablefish	F/I (2011-2013), MM (2011-2013), SB (2011-		
Gulf of Alaska Sablefish Trawl	Federal	Otter trawl	Sablefish	2013) F/I (2011-2013)	Landing receipt, observer data,	
Alaska Halibut Longline	International	Longline	Pacific halibut	F/I (2013), SB (2013)	production report	
Alaska/North Pacific Halibut Mechanical Jig and Troll	International	Hand line, auto jig, troll line	Pacific halibut			99
Alaska Bivalve	State	Shovel; by hand, diving gear	Geoduck, razor clam			Z
Alaska Octopus/Squid Pot	State	Pots and traps; lampara/ring	Octopus, squid			
Alaska Statewide Herring Fisheries	State	net Purse seine; gillnet; pound net	Pacific herring			aa
Alaska Statewide Salmon Fisheries	State	Purse seine; other seine;	Sockeye salmon, Coho salmon, Chinook	MM (2012-2013)		bb
		line, manual; troll line, electric; fish wheel; dip net; weir; terminal hatchery fish ladder/raceway				
Alaska Statewide Scallop	State	Ottos troud battom fish attos	Weathervane scallop			CC
Alaska Statewide State-Managed Groundfish Fisheries	State	Otter trawl bottom, fish; otter trawl midwater; longline; hand line, auto jig; hand line; troll line; pots and traps, fish	Pacific cod, Sablefish, Pollock, Miscellaneous Finfish			dd
Alaska Statewide State-Managed Shellfish Fisheries	State	Pots and traps; lampara/ring net; beam trawl; otter trawl; otter trawl bottom, paired; by hand, diving gear	Southern Tanner crab, Golden king crab, Red king crab, Blue king crab, Dungeness crab, Pink shrimp, Spot shrimp			ee
Alaska Statewide Urchin and Other Miscellaneous Shellfish	State	By hand, diving gear; by hand, no diving gear	Green urchin, red urchin, sea cucumber			ff
Bering Sea/Aleutian Islands Rationalized Crab Fisheries	State	Pots and traps	Southern Tanner crab, Golden king crab, Red king crab, Blue king crab			hh
WEST COAST REGION			Ned King Clab, Bide King Clab			
California Coastal Purse Seine for Tuna	Federal	Purse seine	Yellowfin tuna, Skipjack tuna, Pacific bluefin			
California Pelagic Longline	Federal	Longline, surface, midwater	tuna Bigeye tuna, Yellowfin tuna			
North Pacific Albacore Baitboat - Pole and Line	Federal	Hook and line	Albacore tuna			
North Pacific Albacore Troll	Federal	Troll line	Albacore tuna			
South Pacific Albacore Troll	Federal	Troll line	Albacore tuna			
West Coast Groundfish Non-Trawl Gear: Limited Entry Sablefish-Endorsed Fixed Gear	Federal	Longline, bottom; pots and traps, fish	Sablefish	F/I (2011-2013), MM (2011-2013), SB (2011- 2013)	Landing receipt, observer data	
Vest Coast Groundfish Non-Trawl Gear: Non- Endorsed Fixed Gear	Federal	Longline, bottom; pots and traps, fish	Sablefish, Thornyheads, Rockfish	F/I (2011-2013), MM (2011-2013), SB (2011- 2013)	Landing receipt, observer data	
Vest Coast Limited Entry Bottom Trawl; Fixed Gear	Federal	Longline, bottom; pots and traps, fish	Sablefish, Thornyheads, Rockfish	F/I (2011-2013), MM (2011), SB (2011-2012)		mm
West Coast Limited Entry Bottom Trawl; Groundfish Bottom and Midwater Trawl	Federal	Otter trawl bottom, midwater, fish	Sablefish, Mixed flatfish, Mixed rockfish, Multi-species groundfish complexes, Widow rockfish, Yellowtail rockfish	F/I (2011-2013), MM (2011-2013), SB (2012)	Landing receipt, logbook, observer data	
West Coast Salmon Troll, Non-Tribal Ocean	Federal	Troll line	Sockeye salmon, Coho salmon, Chinook salmon, Rainbow trout, Chum salmon, Pink salmon	F/I (2011-2013)	Landing receipt, logbook, observer data, port sampling	
	Federal, State	Purse seine	Northern anchovy, Pacific mackerel, Pacific sardine			
and Sardine California Halibut Trawl	State	Otter trawl bottom, fish	California halibut	F/I (2011-2013), MM (2011-2013), SB (2011)	Landing receipt, observer data	
California Swordfish Harpoon	Federal, State	Harpoons	Swordfish			
California/Oregon Drift Gillnet (Mesh Size >14 in) for Swordfish and Thresher Shark	Federal, State	Gillnet, floating drift	Swordfish, Thresher shark	F/I (2011-2013), MM (2011-2013), ST (2012)	Logbook, observer data	

2011-13 Fishery Name	Management Authority	Gear Type(s)	Target Species	Bycatch Type Estimated (Year)	Bycatch Data Source(s)	Footnote(s)
West Coast Pacific Halibut Longline, Non-Tribal	Federal, State, International	Longline	Pacific halibut			
Vest Coast Mid-Water Trawl for Whiting, At-Sea	Federal, Tribal	Otter trawl midwater	Pacific hake	F/I (2011-2013), MM (2011-2013), SB (2011- 2013)	Observer data	
West Coast Mid-Water Trawl for Whiting, Shoreside Processing	Federal, Tribal	Otter trawl midwater	Pacific hake	F/I (2011-2013), MM (2011-2013)	Landing receipt, observer data, port sampling	
West Coast Salmon Troll, Tribal Ocean	Federal, Tribal	Troll line	Sockeye salmon, Coho salmon, Chinook salmon, Rainbow trout, Chum salmon, Pink salmon	F/I (2011-2013)	Landing receipt, logbook, observer data, port sampling	
Central Western Pacific Tuna Purse Seine	International	Purse seine	Yellowfin tuna, Bigeye tuna, Skipjack tuna			
Eastern Pacific Ocean (EPO) Tuna Purse Seine	International	Purse seine and fish aggregating devices (fads)	Yellowfin tuna, Bigeye tuna, Skipjack tuna			
Eastern Tropical Pacific (ETP) Baitboat	International	Hook and line	Yellowfin tuna, Bigeye tuna, Skipjack tuna			
California Abalone	State	By hand, no diving gear	Abalone			
California Coastal Purse Seine for Squid	State	Purse seine	Opalescent inshore squid			
California Dungeness Crab Pot	State	Pots and traps	Dungeness Crab			d
California Halibut/White Seabass and Other Species Set Gillnet (>3.5 in Mesh)	State	Gillnet, sink anchor	California halibut, White seabass	F/I (2011-2013), MM (2011-2013), SB (2011- 2012)	· Logbook, observer data	ij
California Herring Gillnet	State	Gillnet	Pacific herring			
California Live Fish Hook-and-Line	State	Hook and line	Rockfish			
California Salmon Enhancement Rearing Pen	State	Aquaculture	Pacific salmon			
California Sea Urchin	State	By hand, diving gear	Sea urchin			
California Set Gillnet (Stretched Mesh Size of 3.5 in or Less)	State	Gillnet, sink anchor	Barracuda, perch, croaker		Logbook, observer data	
California Small-Mesh Drift Gillnet (Mesh Size >3.5 in and < 14 in)	State	Gillnet, floating drift	White seabass, California yellowtail		Logbook, observer data	par-
California Spiny Lobster Trap/Pot	State	Pots and traps	California spiny lobster			kk
California Spot Prawn Pot	State	Pots and traps	Spot Prawn			d
California Squid Dip Net	State	Dip net	Opalescent inshore squid			
California White Seabass Enhancement Net Pens	State	Aquaculture	White seabass			
California/Oregon Hagfish Pot or Trap	State	Pots and traps, hagfish	Pacific hagfish			
California/Oregon/Washington Bait Pens	State	Aquaculture	Northern anchovy			
Oregon/California Spot Prawn Vashington Beach Seine/Oregon Drag Seine	State State	Pots and traps, shrimp Other seine	Spot shrimp			
Nashington Grays Harbour Salmon Drift Gillnet (Excluding Treaty Tribal Fishing)	State	Gillnet	Sockeye salmon, Coho salmon, Chinook salmon, Rainbow trout, Chum salmon, Pink			
Washington Grays Harbour Salmon Set and Drift Gillnet	State	Gillnet	salmon Sockeye salmon, Coho salmon, Chinook salmon, Rainbow trout, Chum salmon, Pink			
			salmon			
Washington Herring Brush Weir	State	Weir	Pacific herring			
Washington Puget Sound Region Salmon Drift Gillnet	State	Gillnet	Salmon			
Nashington Salmon Purse Seine	State	Purse seine	Sockeye salmon, Coho salmon, Chinook salmon, Rainbow trout, Chum salmon, Pink			
Washington Salmon Reef Net	State	Other fixed net	salmon Sockeye salmon, Coho salmon, Chinook salmon, Rainbow trout, Chum salmon, Pink			
Washington Willapa Bay Drift Gillnet	State	Gillnet	salmon Salmon			
Washington/Oregon Gillnet	State	Gillnet	Salmon			
Nashington/Oregon Gillnet Nashington/Oregon Herring, Smelt, Squid Purse Seine		Purse seine	Coastal pelagic species			
Washington/Oregon Lower Columbia River Salmon Drift Gillnet	State	Gillnet	Salmon			ii
Washington/Oregon Miscellaneous Invertebrate	State	By hand, diving gear				
Washington/Oregon Shrimp Pot and Trap	State	Pots and traps, shrimp	Shrimp			
Washington/Oregon Smelt, Herring Dip Net	State	Dip net	Coastal pelagic species			
Washington/Oregon/California Dungeness Crab Pot	State	Pots and traps, other	Dungeness crab			
Nashington/Oregon/California Pink Shrimp	State	Otter trawl bottom, shrimp	Pink shrimp	F/I (2011-2013)	Landing receipt, observer data	II .
Nillapa Bay Salmon Drift Gillnet	State	Gillnet	Sockeye salmon, Coho salmon, Chinook salmon, Rainbow trout, Chum salmon, Pink salmon			
Makah Salmon Set Gillnet Areas 4, 4A, 4B	Tribal	Gillnet	Sockeye salmon, Coho salmon, Chinook salmon, Rainbow trout, Chum salmon, Pink			
PACIFIC ISLANDS REGION			salmon			
	Endonel	Handler.	December 1			
American Samoa Bottomfish	Federal	Hand line	Deep water snappers (pink, red, gray/jobfish), Other snappers/jobfishes, Emerors, and Groupers			
American Samoa Lobster	Federal	By hand, diving gear	Green spiny lobster, Slipper lobster			
American Samoa Pelagic Longline	Federal	Longline Longline	Albacore	F/I (2011-2013); MM (2011, 2013); ST (2011	- Observer data	
				2013); SB (2011, 2013)		

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2011-13 Fishery Name	Management Authority	Gear Type(s)	Target Species	Bycatch Type Estimated (Year)	Bycatch Data Source(s)	Footnote(s)
American Samoa Troll	Federal	Troll line	Dolphinfish, Indo-Pacific blue marlin, Yellowfin tuna, Skipjack tuna, Wahoo			
Commonwealth of the Northern Mariana Islands Bottomfish	Federal	Hook and line, electric	Shallow-water emperors, Snappers, Groups, and Deep water snappers (pink, red, grav/iobfish)	,		
Commonwealth of the Northern Mariana Islands Lobster	Federal	Pots and traps, spiny lobster	Green spiny lobster, Long-legged spiny lobster, Painted spiny lobster			
Commonwealth of the Northern Mariana Islands Tuna Troll	Federal	Troll line	Dolphinfish, Indo-Pacific blue marlin, Yellowfin tuna, Skipjack tuna, Kawakawa tuna, Wahoo			
Guam Bottomfish Handline	Federal	Hook and line, electric	Deep water snappers, Hawaiian groupers			
Guam Longline	Federal	Longline	Yellowfin tuna, Bigeye tuna			
Guam Troll	Federal	Troll line	Dolphinfish, Indo-Pacific blue marlin, Yellowfin tuna, Skipjack tuna, Wahoo			
Hawaii Non-Longline Commercial Pelagic	Federal	Combined gears	Yellofin tuna, Skipjack tuna, Bigeye tuna, Albacore tuna, Indo-Pacific blue marlin, Dolphinfish, Wahoo			
Hawaii Shrimp Trap	Federal	Pots and traps, shrimp	Deep-water Caridean shrimp			
Hawaii-Based Deep-Set Pelagic Longline Fishery for Tuna	Federal	Longline	Yellowfin tuna, Bigeye tuna	MM (2011-2012); ST (2011-2013); SB (20 2013);	11- Observer data	
Hawaii-Based Shallow-Set Pelagic Longline Fishery for Swordfish	Federal	Longline	Swordfish	MM (2011-2012); ST (2011-2013); SB (20 2013);	11- Observer data	
Precious Coral (Federal Waters)	Federal	By hand, diving gear	Black coral			
Western Pacific Squid Jig	Federal	Hand line, auto jig	Neon flying squid			
Hawaii Bottomfish	Federal, State	Combined gears	Deep water snappers (pink, red, gray/jobfish). Hawaijan grouper			
Hawaii Crab Trap	State	Pots and traps	Kona crab, Samoan crab			
Hawaii Fish Pond	State	Unspecified gear	Mullet, Milkfish, Pacific threadfin, Bonefish, Coral reef fishes			
Hawaii Fish Trap	State	Pots and traps, fish	Coral reef fishes			
Hawaii Inshore Handline	State	Hand line	Mackerel scad, Bigeye scad, Coral reef fishes			
Hawaii Lay Net	State	Gillnet, other	Coral reef fishes			
Hawaii Lobster Diving	State	By hand, diving gear	Green spiny lobster, Red spiny lobster, Slipper lobster			
Hawaii Lobster Trap	State	Pots and traps, spiny lobster	Green spiny lobster, Red spiny lobster, Slipper lobster			
Hawaii Octopus, Spear	State	Spear	Octopus, Coral reef fishes			
Hawaii Opelu/Akule Net	State	Net, other	Mackerel scad, Bigeye scad			
Hawaii Pelagic Handline	State	Hand line	Yellowfin tuna, Bigeye tuna			
Hawaii Throw Net, Cast Net	State	Cast net	Convict tang, Aholehole (flagtail), Hawaiian threadfin, Other coral reef fishes			
Hawaii Trolling, Rod and Reel	State	Troll line	Yellofin tuna, Skipjack tuna, Indo-Pacific blue marlin, Dolphinfish, Wahoo			
Precious Coral (State Waters)	State	By hand, diving gear	Black coral, Pink coral			

FOOTNOTES:

- a Previously part of the Mid-Atlantic General Category Scallop Trawl fishery, which was split into two fisheries for 2010 (Closed and Open Areas).
- b Previously part of the Mid-Atlantic Limited Access Scallop Trawl fishery, which was split into two fisheries for 2010 (Closed and Open Areas).
- c Fishery-specific bycatch estimates were not available for this fishery, but it is part of the New England Gillnet Fisheries Group for which marine mammal and seabird estimates were available.
- d Added to fisheries list after the NBR First Edition (NMFS 2011).
- e The New England purse seine fishery for bluefin tuna is very different from the New England purse seine fishery for menhaden and herring; the purse seine fishery for bluefin tuna does not have a logbook requirement at this time.
- f This fishery does not currently have a fishery management plan, but it is observed as part of the Northeast Standard Bycatch Reporting Methodology.
- g Previously named "Southeastern Atlantic and Gulf of Mexico HMS Pelagic Longline" fishery.
- h Previously named "Southeastern Atlantic Menhaden" fishery.
- j Previously named "Gulf of Mexico Shrimp Cast Net" fishery.
- k Comprises 2 fisheries listed in the NBR First Edition (NMFS 2011): Gulf of Mexico Marine Shrimp Butterfly Nets and Gulf of Mexico Marine Shrimp Skimmer Trawls.
- I Previously named "Gulf of Mexico Menhaden Purse Seine" fishery.
- m Previously named "Gulf of Mexico Reef Fish Handline"
 o Previously named "Southeastern Atlantic Stone Crab Trap/Pot"
- p Previously named "Southeast Atlantic Stone Clab Trap/Pot p Previously named "Southeast Atlantic Black Sea Bass Pot" fishery.
- q Previously called "South Atlantic Blue Crab" fishery.
- r Previously named "Southeastern Atlantic Marine Shrimp Cast Net"
- s Comprises 2 fisheries listed in the NBR First Edition (NMFS 2011): North Carolina Coastal Gillnet and South Atlantic Coastal Gillnet.
- t Previously named "South Atlantic Coastal Migratory Pelagic Troll" fishery.
- u Previously named "Southeast Fish Trawl" fishery.
- v Comprises 3 fisheries listed in the NBR First Edition (NMFS 2011): North Carolina Haul/Beach Seine Long Haul; North Carolina Stop Nets; and Southeastern Atlantic Haul/Beach Seine.
- w Comprises 2 fisheries listed in the NBR First Edition (NMFS 2011): Southeastern Atlantic Marine Shrimp Butterfly Nets and Southeastern Atlantic Marine Shrimp Skimmer Trawls.
- $x \ \ \text{Previously named "South Atlantic Snapper-Grouper Bottom Longline" fishery}.$
- y Previously named "South Atlantic Snapper-Grouper Handline/Electric Reel" fishery.
- z Previously named "Alaska Clam" fishery.
- aa Comprises 6 state herring fisheries listed in the NBR First Edition (NMFS 2011): Alaska Food/Bait Herring Trawl, Alaska Herring Spawn on Kelp Pound Net, Alaska Roe Herring and Food/Bait Herring Beach Seine, Alaska Roe Herring and Food/Bait

bb Comprises 18 state salmon fisheries listed in the NBR First Edition (NMFS 2011): Alaska Bristol Bay Salmon Drift Gillnet; Alaska Cook Inlet Drift Gillnet; Alaska Cook Inlet Drift Gillnet; Alaska Cook Inlet Salmon Set Gillnet; Alaska Kuskokwim, Yukon, Norton Sound, Kotzebue Salmon Gillnet; Alaska Metlakatla/Annette Island Salmon Drift Gillnet; Alaska Metlakatla Salmon Purse Seine; Alaska Peninsula/Aleutians Salmon Drift Gillnet; Alaska Prince William Sound Salmon Drift Gillnet; Alaska Salmon Beach Seine; Alaska Salmon Purse Seine (except Southeast Alaska, which is in Category II); Alaska Salmon Troll; Alaska Southeast Salmon Purse Seine; and Alaska Yakutat Salmon Set Gillnet.

- cc Previously named "Coastwide Scallop Dredge" fishery.
- dd Comprises 5 state groundfish fisheries listed in the NBR First Edition (NMFS 2011): Alaska Groundfish Longline/Setline (including Sablefish, Rockfish, and Miscellaneous Finfish); Alaska Miscellaneous Finfish Handline and Mechanical Jig; Aleutian Islands ee Comprises 5 state shellfish fisheries listed in the NBR First Edition (NMFS 2011): Alaska Dungeness Crab; Alaska Shrimp Otter Trawl and Beam Trawl (statewide and Cook Inlet); Gulf of Alaska Crab Pot; Southeast Alaska Crab Pot; and Southeast Alaska ff Previously named "Alaska Urchin and other Fish / Shellfish" fishery.
- gg Previously named "Alaska/North Pacific Halibut Handline and Mechanical Jig" fishery.
- hh Previously named "Bering Sea/Aleutian Islands Crab Pot" fishery.
- ii Same as "Washington/Oregon Lower Colorado River Salmon Drift Gillnet" fishery (incorrectly listed as two, similarly-named fisheries in NBR First Edition (NMFS 2011)).
- jj Previously named "California Set Gillnet Mesh Size up to 14 Inches."
- kk Previously named "California Trap/Pot" fishery.
- Il Previously named "Oregon/California Pink Shrimp" fishery. Renamed in 2011.
- mm Added to fisheries list beginning in 2011 (after First Edition Update 1 (NMFS 2013a)).