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The 2017 List of Fisheries (LOF) classifies U.S. commercial fisheries into Categories according to the level of interactions that result in incidental mortality or serious injury of marine mammals:

Partners

- **Pacific Ocean**
Category:

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- **Atlantic, Gulf of Mexico, Caribbean**
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- I. [frequent interactions](#)
- II. [occasional interactions](#)
- III. [remote likelihood of/ no known interactions](#)

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Click on the fishery name links in the table below for (current and historical) descriptions.

For more information, please see the [Federal Register](#) (82 FR 3655, January 12, 2017).

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In accordance with the White House memorandum of January 20, 2017, the effective date is delayed to March 21, 2017 (82 FR 9690, February 8, 2017).

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Table 1 - Commercial Fisheries in the Pacific Ocean

Fishery Description	Estimated # of vessels/persons	Marine mammal species and stocks incidentally killed or injured
CATEGORY I		
LONGLINE/SET LINE FISHERIES:		
HI deep-set longline **	139	Bottlenose dolphin, HI Pelagic False killer whale, MHI Insular ¹ False killer whale, HI Pelagic ¹ False killer whale, NWHI Pygmy killer whale, HI Risso's dolphin, HI Short-finned pilot whale, HI Sperm whale, HI Striped dolphin, HI
GILLNET FISHERIES:		
CA thresher shark/ swordfish drift gillnet (>=14 in mesh) *	18	Bottlenose dolphin, CA/OR/WA offshore California sea lion, U.S. Humpback whale, CA/OR/WA Long-beaked common dolphin, CA Minke whale, CA/OR/WA Northern elephant seal, CA breeding Northern right-whale dolphin, CA/OR/WA Pacific white-sided dolphin, CA/OR/WA Risso's dolphin, CA/OR/WA Short-beaked common dolphin, CA/OR/WA Short-finned pilot whale, CA/OR/WA Sperm Whale, CA/OR/WA ¹
CATEGORY II		
GILLNET FISHERIES:		
CA halibut/ white seabass and other species set gillnet (>3.5 in mesh)	50	California sea lion, U.S. Harbor seal, CA Humpback whale, CA/OR/WA ¹ Long-beaked common dolphin, CA

		Northern elephant seal, CA breeding Sea otter, CA Short-beaked common dolphin, CA/OR/WA
CA yellowtail, barracuda, and white seabass drift gillnet (mesh size ≥ 3.5 in and < 14 in) ²	30	California sea lion, U.S. Long-beaked common dolphin, CA Short-beaked common dolphin, CA/OR/WA
AK Bristol Bay salmon drift gillnet ²	1,862	Beluga whale, Bristol Bay Gray whale, Eastern North Pacific Harbor seal, Bering Sea Northern fur seal, Eastern Pacific Pacific white-sided dolphin, North Pacific Spotted seal, AK Steller sea lion, Western U.S.
AK Bristol Bay salmon set gillnet ²	979	Beluga whale, Bristol Bay Gray whale, Eastern North Pacific Harbor seal, Bering Sea Northern fur seal, Eastern Pacific Spotted seal, AK
AK Kodiak salmon set gillnet	188	Harbor porpoise, GOA ¹ Harbor seal, GOA Sea otter, Southwest AK Steller sea lion, Western U.S.
AK Cook Inlet salmon set gillnet	736	Beluga whale, Cook Inlet Dall's porpoise, AK Harbor porpoise, GOA Harbor seal, GOA Humpback whale, Central North Pacific ¹ Sea otter, South central AK Steller sea lion, Western U.S.
AK Cook Inlet salmon drift gillnet	569	Beluga whale, Cook Inlet Dall's porpoise, AK Harbor porpoise, GOA ¹ Harbor seal, GOA Steller sea lion, Western U.S.
AK Peninsula/Aleutian Islands salmon drift gillnet ²	162	Dall's porpoise, AK Harbor porpoise, GOA Harbor seal, GOA Northern fur seal, Eastern Pacific
AK Peninsula/Aleutian Islands salmon set gillnet ²	113	Harbor porpoise, Bering Sea Northern Sea otter, Southwest AK Steller sea lion, Western U.S.
AK Prince William Sound salmon drift gillnet	537	Dall's porpoise, AK Harbor porpoise, GOA ¹ Harbor seal, GOA Northern fur seal, Eastern Pacific Pacific white-sided dolphin, North Pacific Sea otter, South central AK Steller sea lion, Western U.S. ¹
AK Southeast salmon drift gillnet	474	Dall's porpoise, AK Harbor porpoise, Southeast AK Harbor seal, Southeast AK Humpback whale, Central North Pacific ¹ Pacific white-sided dolphin, North Pacific Steller sea lion, Eastern U.S.
AK Yakutat salmon set gillnet ²	168	Gray whale, Eastern North Pacific Harbor Porpoise, Southeastern AK Harbor seal, Southeast AK Humpback whale, Central North Pacific (Southeast AK)
WA Puget Sound Region salmon drift gillnet (includes all inland waters south of US-Canada border and eastward of the Bonilla-Tatoosh line-Treaty Indian fishing is excluded)	210	Dall's porpoise, CA/OR/WA Harbor porpoise, inland WA ¹ Harbor seal, WA inland
TRAWL FISHERIES:		
AK Bering Sea, Aleutian Islands flatfish trawl	32	Bearded seal, AK Gray whale, Eastern North Pacific Harbor porpoise, Bering Sea Harbor seal, Bering Sea Humpback whale, Western North Pacific ¹ Killer whale, AK resident ¹ Killer whale, GOA, AI, BS transient ¹ Northern fur seal, Eastern Pacific Ringed seal, AK Ribbon seal, AK Spotted seal, AK Steller sea lion, Western U.S. ¹ Walrus, AK
AK Bering Sea, Aleutian Islands pollock trawl	102	Bearded Seal, AK Dall's porpoise, AK

		Harbor seal, AK Humpback whale, Central North Pacific Humpback whale, Western North Pacific Northern fur seal, Eastern Pacific Ribbon seal, AK Ringed seal, AK Spotted seal, AK Steller sea lion, Western U.S. ¹
AK Bering Sea, Aleutian Islands rockfish trawl	17	Killer whale, ENP AK resident ¹ Killer whale, GOA, AI, BS transient ¹
POT, RING NET, AND TRAP FISHERIES:		
CA spiny lobster	194	Bottlenose dolphin, CA/OR/WA offshore Gray whale, Eastern North Pacific Humpback whale, CA/OR/WA
CA spot prawn pot	25	Gray whale, Eastern North Pacific Humpback whale, CA/OR/WA ¹
CA Dungeness crab pot	570	Gray whale, Eastern North Pacific Humpback whale, CA/OR/WA ¹
OR Dungeness crab pot	433	Gray whale, Eastern North Pacific Humpback whale, CA/OR/WA ¹
WA/OR/CA sablefish pot	309	Humpback whale, CA/OR/WA ¹
WA coastal Dungeness crab pot	228	Gray whale, Eastern North Pacific Humpback whale, CA/OR/WA ¹
LONGLINE/SET LINE FISHERIES:		
AK Bering Sea, Aleutian Islands Pacific cod longline	45	Dall's porpoise, AK Killer whale, GOA, BSAI, transient ¹ Northern fur seal, Eastern Pacific Ringed seal, AK
HI shallow-set longline **	20	Blainville's beaked whale, HI Bottlenose dolphin, HI Pelagic False killer whale, HI Pelagic ¹ Humpback whale, Central North Pacific Risso's dolphin, HI Rough-toothed dolphin, HI Short-finned pilot whale, HI Striped dolphin, HI
American Samoa longline ²	20	Bottlenose dolphin, unknown Cuvier's beaked whale, unknown False killer whale, American Samoa Rough-toothed dolphin, American Samoa Short-finned pilot whale, unknown
HI shortline ²	9	None documented
CATEGORY III		
GILLNET FISHERIES:		
AK Kuskokwim, Yukon, Norton Sound, Kotzebue salmon gillnet	1,778	Harbor porpoise, Bering Sea
AK miscellaneous finfish set gillnet	54	Steller sea lion, Western U.S.
AK Prince William Sound salmon set gillnet	29	Harbor seal, GOA Sea otter, South central AK Steller sea lion, Western U.S.
AK roe herring and food/bait herring gillnet	920	None documented
CA set gillnet (mesh size <3.5 in)	296	None documented
HI inshore gillnet	36	Bottlenose dolphin, HI Spinner dolphin, HI
WA Grays Harbor salmon drift gillnet (excluding treaty Tribal fishing)	24	Harbor seal, OR/WA coast
WA/OR Mainstem Columbia River eulachon gillnet	15	None documented
WA/OR lower Columbia River (includes tributaries) drift gillnet	110	California sea lion, U.S. Harbor seal, OR/WA coast
WA Willapa Bay drift gillnet	82	Harbor seal, OR/WA coast Northern elephant seal, CA breeding
MISCELLANEOUS NET FISHERIES:		
AK Cook Inlet salmon purse seine	83	Humpback whale, Central North Pacific
AK Kodiak salmon purse seine	376	Humpback whale, Central North Pacific
AK Southeast salmon purse seine	315	None documented in the most recent 5 years of data
AK Metlakatla salmon purse seine	10	None documented
AK miscellaneous finfish beach seine	2	None documented
AK miscellaneous finfish purse seine	2	None documented

AK octopus/squid purse seine	0	None documented
AK roe herring and food/bait herring beach seine	10	None documented
AK roe herring and food/bait herring purse seine	356	None documented
AK salmon beach seine	31	None documented
AK salmon purse seine (excluding salmon purse seine fisheries listed elsewhere)	936	Harbor seal, GOA Harbor seal, Prince William Sound
WA/OR sardine purse seine	42	None documented
CA anchovy, mackerel, sardine purse seine	65	California sea lion, U.S. Harbor seal, CA
CA squid purse seine	80	Long-beaked common dolphin, CA Short-beaked common dolphin, CA/OR/WA
CA tuna purse seine *	10	None documented
WA/OR Lower Columbia salmon seine	10	None documented
WA/OR herring, smelt, squid purse seine or lampara	130	None documented
WA salmon purse seine	75	None documented
WA salmon reef net	11	None documented
HI lift net	17	None documented
HI inshore purse seine	<3	None documented
HI throw net, cast net	23	None documented
HI seine net	24	None documented
DIP NET FISHERIES:		
CA squid dip net	115	None documented
MARINE AQUACULTURE FISHERIES:		
CA marine shellfish aquaculture	unknown	None documented
CA salmon enhancement rearing pen	>1	None documented
CA white seabass enhancement net pens	13	California sea lion, U.S.
HI offshore pen culture	2	None documented
WA salmon net pens	14	California sea lion, U.S. Harbor seal, WA inland waters
WA/OR shellfish aquaculture	23	None documented
TROLL FISHERIES:		
WA/OR/CA albacore surface hook and line/troll	705	None documented
CA halibut hook and line/handline	unknown	None documented
CA white seabass hook and line/handline	unknown	None documented
AK salmon troll	1,908	Steller sea lion, Eastern U.S. Steller sea lion, Western U.S.
American Samoa tuna troll	13	None documented
CA/OR/WA salmon troll	4,300	None documented
HI troll	2,117	Pantropical spotted dolphin, HI
HI rod and reel	322	None documented
Commonwealth of the Northern Mariana Islands tuna troll	40	None documented
Guam tuna troll	432	None documented
LONGLINE/SET LINE FISHERIES:		
AK Bering Sea, Aleutian Islands rockfish longline	3	None documented
AK Bering Sea, Aleutian Islands Greenland turbot longline	4	Killer whale, AK resident
AK Bering Sea, Aleutian Islands sablefish longline	22	None documented
AK Gulf of Alaska halibut longline	855	None documented
AK Gulf of Alaska Pacific cod longline	92	Steller sea lion, Western U.S.
AK Gulf of Alaska rockfish longline	25	None documented
AK Gulf of Alaska sablefish longline	295	Sperm whale, North Pacific
AK halibut longline/set line (State and Federal waters)	2,197	None documented in the most recent 5 years of data
AK octopus/squid longline	3	None documented

AK State-managed waters longline/setline (including sablefish, rockfish, lingcod, and miscellaneous finfish)	464	None documented
WA/OR/CA groundfish, bottomfish longline/set line	367	Bottlenose dolphin, CA/OR/WA offshore
WA/OR Pacific halibut longline	350	None documented
CA pelagic longline	1	None documented in the most recent 5 years of data
HI kaka line	15	None documented
HI vertical line	3	None documented
TRAWL FISHERIES:		
AK Bering Sea, Aleutian Islands Atka mackerel trawl	13	Ribbon seal, AK Steller sea lion, Western U.S.
AK Bering Sea, Aleutian Islands Pacific cod trawl	72	Ringed seal, AK Steller sea lion, Western U.S.
AK Gulf of Alaska flatfish trawl	36	Northern elephant seal, North Pacific
AK Gulf of Alaska Pacific cod trawl	55	Steller sea lion, Western U.S.
AK Gulf of Alaska pollock trawl	67	Dall's porpoise, AK Fin whale, Northeast Pacific Northern elephant seal, North Pacific Steller sea lion, Western U.S.
AK Gulf of Alaska rockfish trawl	43	None documented
AK food/bait herring trawl	4	None documented
AK miscellaneous finfish otter / beam trawl	282	None documented
AK shrimp otter trawl and beam trawl (statewide and Cook Inlet)	38	None documented
AK State-managed waters of Cook Inlet, Kachemak Bay, Prince William Sound, Southeast AK groundfish trawl	2	None documented
CA halibut bottom trawl	47	California sea lion, U.S. Harbor porpoise, unknown Harbor seal, unknown Northern elephant seal, CA breeding Steller sea lion, unknown
CA sea cucumber trawl	16	None documented
WA/OR/CA shrimp trawl	300	None documented
WA/OR/CA groundfish trawl	160-180	California sea lion, U.S. Dall's porpoise, CA/OR/WA Harbor seal, OR/WA coast Northern fur seal, Eastern Pacific Pacific white-sided dolphin, CA/OR/WA Steller sea lion, Eastern U.S.
POT, RING NET, AND TRAP FISHERIES:		
AK statewide miscellaneous finfish pot	4	None documented
AK Aleutian Islands sablefish pot	4	None documented
AK Bering Sea, Aleutian Islands Pacific cod pot	59	None documented
AK Bering Sea, Aleutian Islands crab pot	540	Gray whale, Eastern North Pacific
AK Bering Sea sablefish pot	2	None documented
AK Gulf of Alaska crab pot	381	None documented
AK Gulf of Alaska Pacific cod pot	128	Harbor seal, GOA
AK Southeast Alaska crab pot	41	Humpback whale, Central North Pacific (Southeast AK)
AK Southeast Alaska shrimp pot	269	Humpback whale, Central North Pacific (Southeast AK)
AK shrimp pot, except Southeast	236	None documented
AK octopus/squid pot	26	None documented
AK snail pot	1	None documented
CA/OR coonstripe shrimp pot	36	Gray whale, Eastern North Pacific Harbor seal, CA
CA rock crab pot	124	Gray whale, Eastern North Pacific Harbor seal, CA
WA/OR/CA hagfish pot	54	None documented
WA/OR shrimp pot/trap	254	None documented
	249	None documented

WA Puget Sound Dungeness crab pot/trap		
HI crab trap	5	Humpback whale, Central North Pacific
HI fish trap	9	None documented
HI lobster trap	<3	None documented in recent years
HI shrimp trap	10	None documented
HI crab net	4	None documented
HI Kona crab loop net	33	None documented
HOOK-AND-LINE, HANDLINE AND JIG FISHERIES:		
AK miscellaneous finfish handline/hand troll and mechanical jig	456	Fin whale, Northeast Pacific
AK North Pacific halibut handline/hand troll and mechanical jig	180	None documented
AK octopus/squid handline	7	None documented
American Samoa bottomfish	24	None documented
Commonwealth of the Northern Mariana Islands bottomfish	28	None documented
Guam bottomfish	>300	None documented
HI aku boat, pole, and line	<3	None documented
HI bottomfish handline	578	None documented in recent years
HI inshore handline	357	None documented
HI pelagic handline	534	None documented
WA groundfish, bottomfish jig	679	None documented
Western Pacific squid jig	0	None documented
HARPOON FISHERIES:		
CA swordfish harpoon	6	None documented
POUND NET/WEIR FISHERIES:		
AK herring spawn on kelp pound net	409	None documented
AK Southeast herring roe/food/bait pound net	2	None documented
HI bullpen trap	3	None documented
BAIT PENS:		
WA/OR/CA bait pens	13	California sea lion, U.S.
DREDGE FISHERIES:		
Alaska scallop dredge	108 (5 AK)	None documented
DIVE, HAND/MECHANICAL COLLECTION FISHERIES:		
AK abalone	0	None documented
AK clam	130	None documented
AK Dungeness crab	2	None documented
AK herring spawn on kelp	339	None documented
AK urchin and other fish/shellfish	398	None documented
HI black coral diving	<3	None documented
HI fish pond	5	None documented
HI handpick	46	None documented
HI lobster diving	19	None documented
HI spearfishing	163	None documented
WA/CA kelp	4	None documented
WA/OR sea urchin, other clam, octopus, oyster, sea cucumber, scallop, ghost shrimp hand, dive, or mechanical collection	201	None documented
OR/CA sea urchin, sea cucumber hand, dive, or mechanical collection	10	None documented
COMMERCIAL PASSENGER FISHING VESSEL (CHARTER BOAT) FISHERIES:		
AK/WA/OR/CA commercial passenger fishing vessel	>7,000 (2,702 AK)	Killer whale, unknown Steller sea lion, Eastern U.S. Steller sea lion, Western U.S.
LIVE FINFISH/SHELLFISH FISHERIES:		
CA nearshore finfish live trap/hook-and-line	93	None documented

HI aquarium collecting	90	None documented
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List of Abbreviations and Symbols Used in Table 1:

- AK - Alaska
- CA - California
- GOA - Gulf of Alaska
- HI - Hawaii
- OR - Oregon
- WA - Washington
- 1 Fishery classified based on serious injuries and mortalities of this stock, which are greater than 50 percent (Category I) or greater than 1 percent and less than 50 percent (Category II) of the stock's PBR
- 2 Fishery classified by analogy
- * Fishery has an associated high seas component listed in Table 3
- ^ The list of marine mammal species or stocks killed or injured in this fishery is identical to the list of species or stocks killed or injured in high seas component of the fishery, minus species or stocks have geographic ranges exclusively on the high seas. The species or stocks are found, and the fishery remains the same, on both sides of the EEZ boundary. Therefore, the EEZ components of these fisheries pose the same risk to marine mammals as the components operating on the high seas.

Table 2 - Commercial Fisheries in the Atlantic Ocean, Gulf of Mexico, and Caribbean

Fishery Description	Estimated # of vessels/persons	Marine mammal species and stocks incidentally killed or injured
CATEGORY I		
GILLNET FISHERIES:		
Mid-Atlantic gillnet	3,950	Bottlenose dolphin, Northern migratory coastal ¹ Bottlenose dolphin, Southern migratory coastal ¹ Bottlenose dolphin, Northern NC estuarine system ¹ Bottlenose dolphin, Southern NC estuarine system ¹ Bottlenose dolphin, WNA offshore Common dolphin, WNA Gray seal, WNA Harbor porpoise, GME/BF Harbor seal, WNA Harp seal, WNA Humpback whale, Gulf of Maine Minke whale, Canadian east coast
Northeast sink gillnet	4,332	Bottlenose dolphin, WNA offshore Common dolphin, WNA Fin whale, WNA Gray seal, WNA Harbor porpoise, GME/BF ¹ Harbor seal, WNA Harp seal, WNA Hooded seal, WNA Humpback whale, Gulf of Maine Long-finned pilot whale, WNA Minke whale, Canadian east coast North Atlantic right whale, WNA Risso's dolphin, WNA White-sided dolphin, WNA
TRAP/POT FISHERIES:		
Northeast/Mid-Atlantic American lobster trap/pot	10,163	Humpback whale, Gulf of Maine Minke whale, Canadian east coast North Atlantic right whale, WNA ¹
LONGLINE FISHERIES:		
Atlantic Ocean, Caribbean, Gulf of Mexico large pelagics longline*	420	Atlantic spotted dolphin, GMX continental and oceanic Bottlenose dolphin, Northern GMX oceanic Bottlenose dolphin, WNA offshore Common dolphin, WNA Cuvier's beaked whale, WNA False killer whale, WNA Kogia spp. (Pygmy or dwarf sperm whale), WNA Long-finned pilot whale, WNA ¹ Mesoplodon beaked whale, WNA Minke whale, Canadian East coast Pantropical spotted dolphin, Northern GMX Pygmy sperm whale, GMX Risso's dolphin, Northern GMX Risso's dolphin, WNA Short-finned pilot whale, Northern GMX Short-finned pilot whale, WNA ¹
CATEGORY II		
GILLNET FISHERIES:		
Chesapeake Bay inshore gillnet ²	248	

		Bottlenose dolphin, unknown (Northern migratory coastal or Southern migratory coastal)
Gulf of Mexico gillnet ²	248	Bottlenose dolphin, GMX bay, sound, and estuarine Bottlenose dolphin, Northern GMX coastal Bottlenose dolphin, Western GMX coastal
NC inshore gillnet	2,850	Bottlenose dolphin, Northern NC estuarine system ¹ Bottlenose dolphin, Southern NC estuarine system ¹
Northeast anchored float gillnet ²	852	Harbor seal, WNA Humpback whale, Gulf of Maine White-sided dolphin, WNA
Northeast drift gillnet ²	1,036	None documented
Southeast Atlantic gillnet ²	273	Bottlenose dolphin, Central FL coastal Bottlenose dolphin, Northern FL coastal Bottlenose dolphin, SC/GA coastal Bottlenose dolphin, Southern Migratory coastal
Southeastern U.S. Atlantic shark gillnet	30	Bottlenose dolphin, unknown (Central FL, Northern FL, SC/GA coastal, or Southern migratory coastal) North Atlantic right whale, WNA
TRAWL FISHERIES		
Mid-Atlantic mid-water trawl (including pair trawl)	382	Gray seal, WNA Harbor seal, WNA White-sided dolphin, WNA ¹
Mid-Atlantic bottom trawl	785	Bottlenose dolphin, WNA offshore Common dolphin, WNA ¹ Gray seal, WNA Harbor seal, WNA Risso's dolphin, WNA ¹
Northeast mid-water trawl (including pair trawl)	1,087	Common dolphin, WNA Gray seal, WNA Harbor seal, WNA Long-finned pilot whale, WNA ¹ Minke whale, Canadian East coast
Northeast bottom trawl	2,238	Bottlenose dolphin, WNA offshore Common dolphin, WNA Gray seal, WNA Harbor porpoise, GME/BF Harbor seal, WNA Harp seal, WNA Long-finned pilot whale, WNA Risso's dolphin, WNA White-sided dolphin, WNA ¹
Southeastern U.S. Atlantic, Gulf of Mexico shrimp trawl	4,950	Atlantic spotted dolphin, GMX continental and oceanic Bottlenose dolphin, Charleston estuarine system Bottlenose dolphin, Eastern GMX coastal ¹ Bottlenose dolphin, GMX bay, sound, estuarine ¹ Bottlenose dolphin, GMX continental shelf Bottlenose dolphin, Northern GMX coastal Bottlenose dolphin, SC/GA coastal ¹ Bottlenose dolphin, Southern migratory coastal Bottlenose dolphin, Western GMX coastal ¹ West Indian manatee, Florida
TRAP/POT FISHERIES:		
Southeastern U.S. Atlantic, Gulf of Mexico stone crab trap/pot ²	1,384	Bottlenose dolphin, Biscayne Bay estuarine Bottlenose dolphin, Central FL coastal Bottlenose dolphin, Eastern GMX coastal Bottlenose dolphin, FL Bay Bottlenose dolphin, GMX bay, sound, estuarine (FL west coast portion) Bottlenose dolphin, Indian River Lagoon estuarine system Bottlenose dolphin, Jacksonville estuarine system Bottlenose dolphin, Northern GMX coastal
Atlantic mixed species trap/pot ²	3,436	Fin whale, WNA Humpback whale, Gulf of Maine
Atlantic blue crab trap/pot	7,714	Bottlenose dolphin, Central FL coastal Bottlenose dolphin, Central GA estuarine system Bottlenose dolphin, Charleston estuarine system ¹

		Bottlenose dolphin, Indian River Lagoon estuarine system Bottlenose dolphin, Jacksonville estuarine system Bottlenose dolphin, Northern FL coastal ¹ Bottlenose dolphin, Northern GA/Southern SC estuarine system Bottlenose dolphin, Northern migratory coastal Bottlenose dolphin, Northern NC estuarine system ¹ Bottlenose dolphin, Northern SC estuarine system Bottlenose dolphin, SC/GA coastal Bottlenose dolphin, Southern GA estuarine system Bottlenose dolphin, Southern migratory coastal Bottlenose dolphin, Southern NC estuarine system West Indian manatee, FL
PURSE SEINE FISHERIES:		
Gulf of Mexico menhaden purse seine	40-42	Bottlenose dolphin, GMX bay, sound, estuarine Bottlenose dolphin, Mississippi Sound, Lake Borgne, Bay Boudreau Bottlenose dolphin, Northern GMX coastal ¹ Bottlenose dolphin, Western GMX coastal ¹
Mid-Atlantic menhaden purse seine ²	19	Bottlenose dolphin, Northern migratory coastal Bottlenose dolphin, Southern migratory coastal
HAUL/BEACH SEINE FISHERIES:		
Mid-Atlantic haul/beach seine	359	Bottlenose dolphin, Northern migratory coastal ¹ Bottlenose dolphin, Northern NC estuarine system ¹ Bottlenose dolphin, Southern migratory coastal ¹
NC long haul seine	30	Bottlenose dolphin, Northern NC estuarine system ¹ Bottlenose dolphin, Southern NC estuarine system
STOP NET FISHERIES:		
NC roe mullet stop net	1	Bottlenose dolphin, Northern NC estuarine system Bottlenose dolphin, unknown (Southern migratory coastal or Southern NC estuarine system)
POUND NET FISHERIES:		
VA pound net	26	Bottlenose dolphin, Northern migratory coastal Bottlenose dolphin, Northern NC estuarine system Bottlenose dolphin, Southern migratory coastal ¹
CATEGORY III		
GILLNET FISHERIES:		
Caribbean gillnet	>991	None documented in the most recent 5 years of data
DE River inshore gillnet	unknown	None documented in the most recent 5 years of data
Long Island Sound inshore gillnet	unknown	None documented in the most recent 5 years of data
RI, southern MA (to Monomoy Island), and NY Bight (Raritan and Lower NY Bays) inshore gillnet	unknown	None documented in the most recent 5 years of data
Southeast Atlantic inshore gillnet	unknown	Bottlenose dolphin, Northern SC estuarine system
TRAWL FISHERIES:		
Atlantic shellfish bottom trawl	>58	None documented
Gulf of Mexico butterflyfish trawl	2	Bottlenose dolphin, Northern GMX oceanic Bottlenose dolphin, Northern GMX continental shelf
Gulf of Mexico mixed species trawl	20	None documented
GA cannonball jellyfish trawl	1	Bottlenose dolphin, SC/GA coastal
MARINE AQUACULTURE FISHERIES:		
Finfish aquaculture	48	Harbor seal, WNA
Shellfish aquaculture	unknown	None documented

PURSE SEINE FISHERIES:		
Gulf of Maine Atlantic herring purse seine	>7	Harbor seal, WNA Gray seal, WNA
Gulf of Maine menhaden purse seine	>2	None documented
FL West Coast sardine purse seine	10	Bottlenose dolphin, Eastern GMX coastal
U.S. Atlantic tuna purse seine *	5	Long-finned pilot whale, WNA Short-finned pilot whale, WNA
LONGLINE/HOOK-AND-LINE FISHERIES:		
Northeast/Mid-Atlantic bottom longline/hook-and-line	>1,207	None documented
Gulf of Maine, U.S. Mid-Atlantic tuna, shark swordfish hook-and-line/harpoon	428	Humpback whale, Gulf of Maine
Southeastern U.S. Atlantic, Gulf of Mexico, and Caribbean snapper-grouper and other reef fish bottom longline/hook-and-line	>5,000	Bottlenose dolphin, GMX continental shelf
Southeastern U.S. Atlantic, Gulf of Mexico shark bottom longline/hook-and-line	<125	Bottlenose dolphin, Eastern GMX coastal Bottlenose dolphin, Northern GMX continental shelf
Southeastern U.S. Atlantic, Gulf of Mexico, and Caribbean pelagic hook-and-line/harpoon	1,446	None documented
U.S. Atlantic, Gulf of Mexico trotline	unknown	None documented
TRAP/POT FISHERIES		
Caribbean mixed species trap/pot	>501	None documented
Caribbean spiny lobster trap/pot	>197	None documented
FL spiny lobster trap/pot	1,268	Bottlenose dolphin, Biscayne Bay estuarine Bottlenose dolphin, Central FL coastal Bottlenose dolphin, Eastern GMX coastal Bottlenose dolphin, FL Bay estuarine Bottlenose dolphin, FL Keys
Gulf of Mexico blue crab trap/pot	4,113	Bottlenose dolphin, Barataria Bay Bottlenose dolphin, Western GMX coastal Bottlenose dolphin, Mississippi Sound, Lake Borgne, Bay Boudreau Bottlenose dolphin, Northern GMX coastal Bottlenose dolphin, Eastern GMX coastal Bottlenose dolphin, GMX bay, sound, estuarine West Indian manatee, FL
Gulf of Mexico mixed species trap/pot	unknown	None documented
Southeastern U.S. Atlantic, Gulf of Mexico golden crab trap/pot	10	None documented
U.S. Mid-Atlantic eel trap/pot	unknown	None documented
STOP SEINE/WEIR/POUND NET/FLOATING TRAP FISHERIES:		
Gulf of Maine herring and Atlantic mackerel stop seine/weir	>1	Harbor porpoise, GME/BF Harbor seal, WNA Minke whale, Canadian east coast White-sided dolphin, WNA
U.S. Mid-Atlantic crab stop seine/weir	2,600	None documented
U.S. Mid-Atlantic mixed species stop seine/weir/pound net (except the NC roe mullet stop net)	unknown	Bottlenose dolphin, Northern NC estuarine system
RI floating trap	9	None documented
Northeast and Mid-Atlantic fyke net	unknown	None documented
DREDGE FISHERIES:		
Gulf of Maine sea urchin dredge	unknown	None documented
Gulf of Maine mussel dredge	unknown	None documented
Gulf of Maine, U.S. Mid-Atlantic sea scallop dredge	>403	None documented
Mid-Atlantic blue crab dredge	unknown	None documented
Mid-Atlantic soft-shell clam dredge	unknown	None documented
Mid-Atlantic whelk dredge	unknown	None documented
U.S. Mid-Atlantic/Gulf of Mexico oyster dredge	7,000	None documented
U.S. Mid-Atlantic offshore surf clam and quahog dredge	unknown	None documented
HAUL/BEACH SEINE FISHERIES:		
Caribbean haul/beach seine	15	None documented in the most recent 5 years of data
Gulf of Mexico haul/beach seine	unknown	None documented
Southeastern U.S. Atlantic haul/beach seine	25	None documented
DIVE, HAND/MECHANICAL COLLECTION FISHERIES:		
	20,000	None documented

Atlantic Ocean, Gulf of Mexico, Caribbean shellfish dive, hand/mechanical collection		
Gulf of Maine urchin dive, hand/mechanical collection	unknown	None documented
Gulf of Mexico, Southeast Atlantic, Mid-Atlantic, and Caribbean cast net	unknown	None documented
COMMERCIAL PASSENGER FISHING VESSEL (CHARTER BOAT) FISHERIES:		
Atlantic Ocean, Gulf of Mexico, Caribbean commercial passenger fishing vessel	4,000	Bottlenose dolphin, Biscayne Bay estuarine Bottlenose dolphin, Central FL coastal Bottlenose dolphin, Choctawhatchee Bay Bottlenose dolphin, Eastern GMX coastal Bottlenose dolphin, FL Bay Bottlenose dolphin, GMX bay, sound, estuarine Bottlenose dolphin, Indian River Lagoon estuarine system Bottlenose dolphin, Jacksonville estuarine system Bottlenose dolphin, Northern FL coastal Bottlenose dolphin, Northern GA/Southern SC estuarine Bottlenose dolphin, Northern GMX coastal Bottlenose dolphin, Northern migratory coastal Bottlenose dolphin, Northern NC estuarine Bottlenose dolphin, Southern migratory coastal Bottlenose dolphin, Southern NC estuarine system Bottlenose dolphin, Southern SC/GA coastal Bottlenose dolphin, Western GMX coastal

List of Abbreviations and Symbols Used in Table 2:

- DE - Delaware
- FL - Florida
- GA - Georgia
- GME/BF - Gulf of Maine/Bay of Fundy
- GMX - Gulf of Mexico
- MA - Massachusetts
- NC - North Carolina
- SC - South Carolina
- VA - Virginia
- WNA - Western North Atlantic
- 1 Fishery classified based on serious injuries and mortalities of this stock, which are greater than 50 percent (Category I) or greater than 1 percent and less than 50 percent (Category II) of the stock's PBR
- 2 Fishery classified by analogy
- * Fishery has an associated high seas component listed in Table 3

Table 3 - Commercial Fisheries on the High Seas

Fishery Description	Estimated # of vessels/persons	Marine mammal species and stocks incidentally killed or injured
Category I		
LONGLINE FISHERIES:		
Atlantic Highly Migratory Species *	86	Atlantic spotted dolphin, WNA Bottlenose dolphin, Northern GMX oceanic Bottlenose dolphin, WNA offshore Common dolphin, WNA Cuvier's beaked whale, WNA False killer whale, WNA Killer whale, GMX oceanic Kogia spp. (Pygmy or dwarf sperm whale), WNA Long-finned pilot whale, WNA Mesoplodon beaked whale, WNA Minke whale, Canadian East coast Pantropical spotted dolphin, WNA Risso's dolphin, GMX Risso's dolphin, WNA Short-finned pilot whale, WNA
Western Pacific Pelagic (HI Deep-set component) * ^	139	Bottlenose dolphin, HI Pelagic False killer whale, HI Pelagic Pygmy killer whale, HI Risso's dolphin, HI Short-finned pilot whale, HI

		Sperm whale, HI Striped dolphin, HI
DRIFT GILLNET FISHERIES:		
Pacific Highly Migratory Species ^	5	Long-beaked common dolphin, CA Humpback whale, CA/OR/WA Northern right-whale dolphin, CA/OR/WA Pacific white-sided dolphin, CA/OR/WA Risso's dolphin, CA/OR/WA Short-beaked common dolphin, CA/OR/WA
Category II		
DRIFT GILLNET FISHERIES:		
Atlantic Highly Migratory Species	0	Undetermined
TRAWL FISHERIES:		
Atlantic Highly Migratory Species **	1	Undetermined
CCAMLR	0	Antarctic fur seal
PURSE SEINE FISHERIES:		
South Pacific Tuna Fisheries	38	Undetermined
Western Pacific Pelagic	3	Undetermined
LONGLINE FISHERIES:		
CCAMLR	0	None documented
South Pacific Albacore Troll	10	Undetermined
South Pacific Tuna Fisheries **	2	Undetermined
Western Pacific Pelagic (HI Shallow-set component) * ^	20	Blainville's beaked whale, HI Bottlenose dolphin, HI Pelagic False killer whale, HI pelagic Humpback whale, Central North Pacific Northern elephant seal, CA breedingRisso's dolphin, HI Rough-toothed dolphin, HI Short-beaked common dolphin, CA/OR/WA Short-finned pilot whale, HI Striped dolphin, HI
HANDLINE/POLE AND LINE FISHERIES:		
Atlantic Highly Migratory Species	3	Undetermined
Pacific Highly Migratory Species	46	Undetermined
South Pacific Albacore Troll	7	Undetermined
Western Pacific Pelagic	2	Undetermined
TROLL FISHERIES:		
Atlantic Highly Migratory Species	2	Undetermined
South Pacific Albacore Troll	30	Undetermined
South Pacific Tuna Fisheries **	4	Undetermined
Western Pacific Pelagic	17	Undetermined
Category III		
LONGLINE FISHERIES:		
Northwest Atlantic Bottom Longline	1	None documented
Pacific Highly Migratory Species * +	114	None documented in the most recent 5 years of data
PURSE SEINE FISHERIES		
Pacific Highly Migratory Species * ^	6	None documented
TRAWL FISHERIES:		
Northwest Atlantic	1	None documented
TROLL FISHERIES:		
Pacific Highly Migratory Species *	187	None documented

List of Terms, Abbreviations, and Symbols Used in Table 3:

- GMX- Gulf of Mexico
- NEI - Not Elsewhere Identified
- WNA - Western North Atlantic
- * Fishery is an extension/component of an existing fishery operating within U.S. waters listed in Table 1 or 2. The number of permits listed in Table 3 represents only the number of permits for the high seas component of the fishery
- ** These gear types are not authorized under the Pacific HMS FMP (2004), the Atlantic HMS FMP (2006), or without a South Pacific Tuna Treaty license (in the case of the South Pacific Tuna fisheries). Because HSFCAs permits are valid for five years, permits obtained in past years exist in the HSFCA permit database for gear types that are now unauthorized. Therefore, while HSFCAs permits exist for these gear types, it does not represent effort. In order to land fish species, fishers must be using an authorized gear type. Once these permits for unauthorized gear types expire, the permit-holder will be required to obtain a permit for an authorized gear type.
- ^ The list of marine mammal species or stocks killed or injured in this fishery is identical to the list of marine mammal species or stocks killed or injured in U.S. waters component of the fishery, minus species or stocks that have geographic ranges exclusively in coastal waters, because the marine mammal species or stocks are also found on the high seas and the fishery remains the same on both sides of the EEZ boundary. Therefore, the high seas components of these fisheries pose the same risk to marine mammals as the components of these fisheries operating in U.S. waters.

Updated February 8, 2017

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