| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Antigua and Barbuda** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| lobster, rock, spiny, demersal fish (snappers, groupers, grunts, surgeonfish), flounder | pots, traps | 74 | Lewis Fishing | Antigua & Barbuda EEZ | none documented | none documented | A/G |
| lobster, rock, spiny | free diving, loops | 19 | Lewis Fishing | Antigua & Barbuda EEZ | none documented | none documented | A/G |
| Queen conch (Strombus gigas), molluscs | Dive (SCUBA & free diving) | 25 | not applicable | Antigua & Barbuda EEZ | none documented | none documented | A/G |
| snapper | handline, hook and line | 71 | Lewis Fishing | Antigua & Barbuda EEZ | none documented | none documented | N/I, A/G |
| Off-shore pelagic spp. (tunas, dolphinfish, wahoo, etc.) | Drop line | 6 | not applicable | Antigua & Barbuda EEZ | none documented | none documented | N/I, A/G |
| Coastal pelagic spp. (southern sennets, jacks, mullets, herrings, etc.) | Beach seine | 1 | not applicable | Antigua & Barbuda EEZ | none documented | none documented | N/I, A/G |
| Coastal pelagic spp. (herrings, ballyhoo, etc.) | Bait net | 1 | not applicable | Antigua & Barbuda EEZ | none documented | none documented | N/I, A/G |
| **Export Fisheries** | | | | | | | |
| Demersal spp. (grunts, parrotfish, surgeonfish, etc.) & coastal pelagic spp. (jacks) | gillnet | 33 | not applicable | Antigua & Barbuda EEZ | Marine mammals susceptible to gillnet gear in coastal waters of the Caribbean: tucuxi, pygmy sperm whale, Risso's dolphin, bottlenose dolphin, Atlantic spotted dolphin, killer whale, Clymene dolphin, spinner dolphin, humpback whale | none documented | A/G, C/O |
| **Export Fisheries with No Information** | | | | | | | |
| squid (Loligo) | none provided | none provided | not applicable | Antigua & Barbuda EEZ | none provided | none provided | N/I |
| scallops | none provided | none provided | not applicable | Antigua & Barbuda EEZ | none provided | none provided | N/I |
| **Argentina** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| "Patagonian blenny"/"Falklands mullet"/"rock cod" (E. maclovinus) | handline | none provided | not applicable | deepwater coastal area | Commerson's dolphin, spectacled porpoise, Peale's dolphin, Burmeister´s porpoise, South American sea lion | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| pink cuskeel | handline | none provided | not applicable | Coastal areas | Commerson's dolphin, Peale's dolphin | none provided | A/G |
| yellowtail/amberjack | handline | none provided | not applicable | Coastal areas | none provided | none provided | A/G |
| Argentine goatfish | handline | none provided | not applicable | Coastal areas | none provided | none provided | A/G |
| Argentine short fin squid | jig | 63 | not applicable | off the province of Buenos Aires | none documented | none documented | A/G |
| Argentine short fin squid | jig | 63 | not applicable | Rio Negro province | none documented | none documented | A/G |
| Argentine short fin squid | jig | 63 | not applicable | Chubut province | none documented | none documented | A/G |
| Argentine short fin squid | jig | 63 | not applicable | Santa Cruz province | none documented | none documented | A/G |
| octopus | handline | none provided | not applicable | Coastal areas | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |
| toothfish | longline | 1 | not applicable | CCAMLR Subarea 88.1 | none documented | none documented | C/O, A/G |
| toothfish | longline | 1 | not applicable | CCAMLR Subarea 88.2 | none documented | none documented | C/O, A/G |
| toothfish | longline | 1 | not applicable | Estados | none documented | none documented | C/O, A/G |
| toothfish | trawl, bottom | 4 freezer vessels | not applicable | Estados | none documented | none documented | C/O, A/G |
| toothfish | longline | 1 | not applicable | annual fishery; off the coast of Tierra del Fuego | none documented | none documented | C/O, A/G |
| toothfish | trawl, bottom | 4 freezer vessels | not applicable | annual fishery; off the coast of Tierra del Fuego | none documented | none documented | C/O, A/G |
| toothfish | longline | 1 | not applicable | annual fishery; off of the province of Buenos Aires | none documented | none documented | C/O, A/G |
| toothfish | trawl, bottom | 4 freezer vessels | not applicable | annual fishery; off of the province of Buenos Aires | none documented | none documented | C/O, A/G |
| Argentine hake, squid, cuttlefish, blackbelly rosefish | trawl, bottom | 35 coastal vessels | not applicable | annual fishery; Chubut province | Common dolphin, Dusky dolphin, Commerson´s dolphin, Peale´s dolphin, spectacled porpoise, South American Sea lion, Fur seal | none provided | C/O, A/G |
| Argentine hake, squid, cuttlefish, blackbelly rosefish | trawl, bottom | 35 coastal vessels | not applicable | annual fishery; Santa Cruz province | Common dolphin, Dusky dolphin, Commerson´s dolphin, Peale´s dolphin, spectacled porpoise, South American Sea lion, Fur seal | none provided | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Argentine hake, squid, cuttlefish, blackbelly rosefish | trawl, bottom | 183 freezer vessels | not applicable | annual fishery; EEZ concentrated around above provinces | Common dolphin, Dusky dolphin, Commerson´s dolphin, Peale´s dolphin, spectacled porpoise, South American Sea lion, Fur seal | none provided | C/O, A/G |
| Argentine hake, squid, cuttlefish, blackbelly rosefish | trawl, bottom | 98 refrigerated high seas vessels | not applicable | annual fishery; EEZ concentrated around above provinces | Common dolphin, Dusky dolphin, Commerson´s dolphin, Peale´s dolphin, spectacled porpoise, South American Sea lion, Fur seal | none provided | C/O, A/G |
| Argentine hake | trawl, midwater | none provided | not applicable | annual fishery; EEZ concentrated around above provinces | Common dolphin, Dusky dolphin, Commerson´s dolphin, Peale´s dolphin, spectacled porpoise, South American Sea lion, Fur seal | none provided | C/O, A/G |
| Argentine hake | gillnet | none provided | not applicable | annual fishery; EEZ concentrated around above provinces | Franciscana dolphin | 92 | C/O, A/G |
| Southern hake | trawl, bottom | none provided | not applicable | deepwater coastal area | none provided | none provided | C/O, A/G |
| Mackerel (chub, jack, horse) | purse seine | none provided | not applicable | Coastal areas | Dusky dolphin, common dolphin, Bottlenose dolphin, South American sea lion, Franciscana dolphin | none provided | C/O, A/G |
| Chub mackerel | trawl, midwater | none provided | not applicable | Coastal areas | Dusky dolphin, common dolphin, Bottlenose dolphin, South American sea lion | none provided | C/O, A/G |
| Mackerel (chub, jack) | trawl, bottom | none provided | not applicable | Coastal areas | none provided | none provided | C/O, A/G |
| Blue grenadier | trawl, midwater | none provided | not applicable | Coastal areas | common dolphin | none provided | C/O, A/G |
| Blue grenadier | trawl, bottom | none provided | not applicable | Coastal areas | none provided | none provided | C/O, A/G |
| grenadier | surrounding net | none provided | not applicable | deepwater coastal area | none provided | none provided | C/O, A/G |
| "Patagonian blenny"/"Falklands mullet"/"rock cod" (E. maclovinus) | gillnet | none provided | not applicable | deepwater coastal area | Commerson's dolphin, spectacled porpoise, Peale's dolphin, Burmeister´s porpoise, South American sea lion | >91t Commerson's dolphin | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| "Patagonian blenny"/"Falklands mullet"/"rock cod" (E. maclovinus) | trammel nets | none provided | not applicable | deepwater coastal area | Commerson's dolphin, Peale's dolphin, spectacled porpoise, Burmeister's porpoise, Southern right whale dolphin | >91t Commerson's dolphin | C/O, A/G |
| "Patagonian blenny"/"Falklands mullet"/"rock cod" (E. maclovinus) | purse seine | none provided | not applicable | deepwater coastal area | Commerson's dolphin, spectacled porpoise, Peale's dolphin, Burmeister´s porpoise, South American sea lion | none provided | C/O, A/G |
| pink cuskeel | trawl, bottom | none provided | not applicable | Coastal areas | Commerson's dolphin, Peale's dolphin, common dolphin | none provided | C/O, A/G |
| pink cuskeel | trawl, midwater | none provided | not applicable | Coastal areas | Commerson's dolphin, Peale's dolphin, common dolphin | none provided | C/O, A/G |
| pink cuskeel | longline | none provided | not applicable | Coastal areas | Commerson's dolphin, Peale's dolphin, South American sea lion, Southern fur seal, sperm whale, orca whale, dusky dolphin | none provided | C/O, A/G |
| tadpole lingcod ("Patagonian cod") | trawl, bottom | none provided | not applicable | Coastal areas | none provided | none provided | C/O, A/G |
| Atlantic bonito | longline | none provided | not applicable | Coastal areas | South American sea lion, Southern fur seal, sperm whale, orca whale, dusky dolphin | none provided | C/O, A/G |
| Atlantic bonito | trawl, bottom | none provided | not applicable | Coastal areas | none provided | none provided | C/O, A/G |
| Atlantic bonito | purse seine | none provided | not applicable | Coastal areas | dusky dolphin | none provided | C/O, A/G |
| silversides | trawl, midwater | none provided | not applicable | Coastal areas | common dolphin, South American sea lion | none provided | C/O, A/G |
| silversides | purse seine | none provided | not applicable | Coastal areas | dusky dolphin | none provided | C/O, A/G |
| Argentine goatfish | trawl, bottom | none provided | not applicable | Coastal areas | none provided | none provided | C/O, A/G |
| silver warehou | trawl, bottom | none provided | not applicable | Coastal areas | none provided | none provided | C/O, A/G |
| southern blue whiting | trawl, bottom | 16 | not applicable | annual fishery; off the coast of Tierra del Fuego | none documented | none documented | A/G |
| southern blue whiting | surrounding net | none provided | not applicable | deepwater coastal area | none provided | none provided | C/O, A/G |
| demersal coastal fishery (white croaker, flounder spp, Patagonian smoothhound, striped weakfish, butterfish, mullet spp, Argentine sea bass) | trawl, bottom | 488 | not applicable | annual fishery; off of the province of Buenos Aires | South American sea lion and fur seals | none provided | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| demersal coastal fishery (white croaker, flounder spp, Patagonian smoothhound, striped weakfish, butterfish, mullet spp, Argentine sea bass) | trawl, midwater | 488 | not applicable | annual fishery; off of the province of Buenos Aires | South American sea lion and fur seals | none provided | C/O, A/G |
| demersal coastal fishery (white croaker, flounder spp, Patagonian smoothhound, striped weakfish, butterfish, mullet spp, Argentine sea bass) | purse seine | 488 | not applicable | annual fishery; off of the province of Buenos Aires | none documented | none documented | C/O, A/G |
| demersal coastal fishery (white croaker, flounder spp, Patagonian smoothhound, striped weakfish, butterfish, mullet spp, Argentine sea bass) | lampara net | 488 | not applicable | annual fishery; off of the province of Buenos Aires | none documented | none documented | C/O, A/G |
| demersal coastal fishery (white croaker, flounder spp, Patagonian smoothhound, striped weakfish, butterfish, mullet spp, Argentine sea bass) | gillnet | none provided | not applicable | annual fishery; off of the province of Buenos Aires | common dolphin, Franciscana dolphin, Burmeister´s porpoise, South American sea lion and Fur seals | 1 common dolphin, 92 Franciscana dolphin, 500-800/yr. (National Action Plan) | P, A/G |
| anchoveta | lampara net | 40 | not applicable | October and November fishery; off of the province of Buenos Aires | none documented | none documented | C/O, A/G |
| anchoveta | purse seine | 12 | not applicable | October and November fishery; off of the province of Buenos Aires | Dusky dolphin, common dolphin, Bottlenose dolphin, South American sea lion, Franciscana dolphin | none provided | C/O, A/G |
| anchoveta | trawl, midwater | 9 | not applicable | October and November fishery; off of the province of Buenos Aires | Dusky dolphin, common dolphin, bottlenose dolphin, South American sea lion | 60+ dusky dolphins in only a few days of fishing, other numbers not provided | C/O, A/G |
| king crab | pots, traps | 5 | not applicable | November to May fishery; Chubut province | none documented | none documented | C/O, A/G |
| king crab | pots, traps | 5 | not applicable | November to May fishery; Santa Cruz province | none documented | none documented | C/O, A/G |
| Patagonian scallop | trawl, bottom | 4 | not applicable | off the province of Buenos Aires | none documented | none documented | C/O, A/G |
| Argentine short fin squid | trawl, bottom | none provided | not applicable | Coastal areas | common dolphin, dusky dolphin, Peale's dolphin, South American fur seal | none provided | C/O, A/G |
| Argentine red shrimp | bottom net outrigger | 89 freezer vessels | not applicable | Chubut province | none documented | none documented | C/O, A/G |
| Argentine red shrimp | bottom net outrigger | 35 high seas refrigerated vessels | not applicable | Chubut province | none documented | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Argentine red shrimp | bottom net outrigger | 68 coastal vessels | not applicable | Chubut province | Franciscana dolphin | 15 | P, C/O, A/G |
| Argentine red shrimp | bottom net outrigger | 42 river estuary vessels | not applicable | Chubut province | Franciscana dolphin | 15 | P, C/O, A/G |
| Argentine red shrimp | bottom net outrigger | none provided | not applicable | Rio Negro province | none documented | none documented | C/O, A/G |
| Argentine red shrimp | trawl, bottom | none provided | not applicable | Coastal areas | Common dolphin, Dusky dolphin, Commerson´s dolphin, Peale´s dolphin, Commerson's dolphin, and spectacled porpoise, South American Sea lion, Fur seal | none provided | C/O, A/G |
| Argentine red shrimp | artisanal trammel net | none provided | not applicable | Coastal areas | Common dolphin, Dusky dolphin, Commerson´s dolphin, Peale´s dolphin, Commerson's dolphin, and spectacled porpoise, South American Sea lion, Fur seal | none provided | C/O, A/G |
| Penaeid shrimp, Sao Paolo squid | artisanal trammel net | none provided | not applicable | Coastal areas | Peale's dolphin | none provided | C/O, A/G |
| Penaeid shrimp, Sao Paolo squid | trawl, bottom | none provided | not applicable | Coastal areas | none provided | none provided | C/O, A/G |
| octopus | trawl, bottom | none provided | not applicable | Coastal areas | none provided | none provided | C/O, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| squat lobster | none provided | none provided | none provided | Southern South America | South American sea lion, dusky dolphin, Commerson's dolphin, common dolphin | none provided | P, N/I |
| none provided | aquaculture | none provided | none provided | none provided | none provided | none provided | N/I |
| rock lobster | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| seaweed | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| snapper | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| trout | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| **Australia** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| Tropical rock lobster | hand collection | 405 | not applicable | December 1 to September 30; Commonwealth Fishery: Within boundary of the Torres Strait Protected Zone (TSPZ) and just south of the TSPZ | none documented | none documented | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| sea cucumber | hand collection | 103 | not applicable | year-round; Commonwealth Fishery: Within boundary of the Torres Strait Protected Zone (TSPZ) and just south of the TSPZ | none documented | none documented | A/G |
| Spanish mackerel and coral trout | hook and line | 207 | not applicable | year-round; Commonwealth Fishery: north-east region of the Torres Strait | none provided | none provided | A/G |
| tuna and billfish (albacore, bigeye, yellowfin, swordfish, marlin) | minor line (handline, trolling, rod and reel) | 3 | not applicable | year-round; Commonwealth Fishery: Cape York to south Australian/Victorian border, Australia EEZ and high seas | (was included with longline fishery but likely fewer mm interactions) | (was included with longline fishery but likely fewer mm interactions) | A/G |
| pearl oyster | hand collection | 140 | not applicable | year-round; Commonwealth Fishery: Within boundary of the Torres Strait Protected Zone (TSPZ) and just south of the TSPZ | none provided | none provided | A/G |
| sea snails (Trochus niloticus) | hand collection | 77 | not applicable | year-round; Commonwealth Fishery: Within boundary of the Torres Strait Protected Zone (TSPZ) and just south of the TSPZ | none provided | none provided | A/G |
| tuna and billfish (bigeye, yellowfin, swordfish, marlin) | minor line (handline, trolling, rod and reel) | 1 | not applicable | year-round; Commonwealth Fishery: Cape York to south Australian/Victorian border, Australia EEZ and high seas | (was included with longline fishery but likely fewer mm interactions) | (was included with longline fishery but likely fewer mm interactions) | A/G |
| sea cucumber | hand collection | 1 | not applicable | year-round; Commonwealth Fishery: Coral Sea Fishery: Cape York to Sandy Cape | none provided | none provided | A/G |
| scallop | dredge | 12 | not applicable | 1 April to 31 December; Commonwealth Fishery: central Bass Strait between Victoria and Tasmania | none documented | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| southern squid | mechanized squid jig | 7 | not applicable | year-round; Commonwealth Fishery: waters off SA, Victoria, Tasmania, and New South Wales, from 3nm to edge of the Australian Fishing Zone, and Southern Queensland | none documented | none documented | A/G |
| yellowfin bream, mud crab, river eels, dusky flathead, luderick, sea mullet, pipi, eastern king prawn, school prawn, sand whiting (and other spp) | hand collection | 588 | not applicable | year-round; New South Wales Fishery: specific estuaries | none documented | none documented | |
| yellowfin bream, mud crab, river eels, dusky flathead, luderick, sea mullet, pipi, eastern king prawn, school prawn, sand whiting (and other spp) | handline | 588 | not applicable | year-round; New South Wales Fishery: specific estuaries | none documented | none documented | A/G |
| sea urchins and turbin shells | hand collection | 37 | not applicable | Wales Fishery: ocean waters | none documented | none documented | A/G |
| blacklip abalone | hand collection | 50 | not applicable | Wales Fishery: ocean waters | none documented | none documented | |
| abalone | hand collection | 66 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | none documented | none documented | |
| seaweed/marine algae | winch (beach-based) | 1 | not applicable | South Australia Fishery: beaches from Cape Jaffa and approx. 8km SE of Beachport, excluding exclusion zones | none documented | none documented | |
| pipi | cockle rake | 109 | not applicable | and temporal closures for specific species and gear types; South Australia | none documented | none documented | C/O, A/G |
| crustaceans (blue swimmer crab, sand crab, velvet crab) | rake | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | none documented | none documented | A/G |
| molluscs (southern calamari, cockle, cuttlefish, mussel, octopus, oyster, scallop, Gould's squid) | jig | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | none documented | none documented | A/G |
| molluscs (southern calamari, cockle, cuttlefish, mussel, octopus, oyster, scallop, Gould's squid) | rake | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | none documented | none documented | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| turbo, sea urchin, scallops | hand collection | 10 | not applicable | South Australia Fishery: marine waters of SA to 200nm | none documented | none documented | A/G |
| sea cucumber | hand collection | 2 | not applicable | year-round; Northern Territory Fishery: to 3nm from the coast | none documented | none documented | A/G |
| demersal fishes, predominantly tropical snappers | handlines | 8 | not applicable | year-round; Northern Territory Fishery: to 15nm from the coast | none documented | none documented | A/G |
| Timor Reef demersal fishes, predominantly tropical snappers | handline | 8 | not applicable | year-round; Northern Territory Fishery: 160km northwest of Darwin | none documented | none documented | A/G |
| Spanish mackerel | handline, trolling | 11 | not applicable | year-round; Northern Territory Fishery: to the outer limit of the Australian Fishing Zone | none documented | none documented | A/G |
| abalone | hand collection | 26 | not applicable | year-round; Western Australian Fishery: WA state waters | none documented | none documented | A/G |
| pink snapper, goldband snapper, and other demersal species | line (handline, dropline, troll) | 25 | not applicable | year-round; Western Australian Fishery: Indian Ocean between 23 degrees 7 min 30 sec S and 26 degrees 30 min S | whale unspecified | 1 released alive | P, A/G |
| pearl oyster | hand collection | 6 | not applicable | March to September but can be year-round; Western Australian Fishery: 4 zones extending from Exmouth to WA/NT border, most fishing occurs in zone 2 | none documented | none documented | A/G |
| shells | hand collection, ROVs | 16 | not applicable | year-round; Western Australian Fishery: state-wide | none documented | none documented | A/G |
| coral | aquaculture | 2 | none provided | year-round; Western Australian Fishery: North West of Foale Island, Southern Group, Houtman Abrolhos Islands, south Gun Island, and onshore jetty site at Baslile Island | none documented | none documented | N/I |
| Gould's squid | jig | 8 (automatic jigs), 4 (hand-held jigs) | not applicable | year-round; Tasmanian Fishery: Tasmanian coastal waters | none documented | none documented | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| abalone | hand collection | 140 | not applicable | year-round; Tasmanian Fishery: Tasmanian state waters | none documented | none documented | A/G |
| abalone | hand collection | 71 licenses | not applicable | Fishery: Victorian coastal waters | none documented | none documented | A/G |
| molluscs (southern calamari, cockle, cuttlefish, mussel, octopus, oyster, scallop, Gould's squid) | dredge | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | none documented | none documented | C/O, A/G |
| scallop | scallop dredge | 6 | not applicable | Tasmanian Fishery: Tasmanian waters | none documented | none documented | C/O, A/G |
| yellowtail kingfish | aquaculture (sea pens) | 1 | none provided | Wales Fishery: ocean waters | none documented | none documented | N/I |
| mussels | aquaculture (lines) | 1 | none provided | Wales Fishery: ocean waters | none documented | none documented | N/I |
| oysters, mussels, abalone | aquaculture (lines, baskets, benthic structures, cages) | 335 (oysters), 36 (mussels), 10 (abalone) | none provided | South Australia Fishery: Port Lincoln, coastal bays around SA - Coffin Bay, Streaky Bay, Smoky Bay, Ceduna, Cowell, Kangaroo island, Yorke Peninsula | none documented | none documented | N/I |
| barramundi | aquaculture (cages) | 1 | MPA Fish Farms Pty Ltd | Australian Fishery: Kimberley Aquaculture Development Zone (N. King Sound) | none documented | none documented | N/I |
| tuna and billfish (bigeye, yellowfin, swordfish, marlin) dolphinfish | minor line (handline, trolling, rod and reel) | 1 | not applicable | year-round; Commonwealth Fishery: Cape York to south Australian/Victorian border, Australia EEZ and high seas | none documented | none documented | A/G |
| **Export Fisheries** | | | | | | | |
| icefish | trawl, midwater | 1 | | Subarea 58.4.2 (Heard Is.) | none documented | none documented | C/O, A/G |
| icefish | trawl, bottom | 2 | | Subarea 58.4.2 (Heard Is.) | none documented | none documented | C/O, A/G |
| toothfish | longline | 1 | | Subarea 58.4.1 (East Antarctica) | none documented | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| toothfish | longline | 4 | | Subarea 58.4.2 (Heard and McDonald Is.) | Southern elephant seal, Antarctic fur seal, crabeater seal, seals unspecified | 2007: 1 elephant seal killed, 2008: 1 elephant seal killed, 2009 2 elephant seals killed, 2012: 1 elephant seal killed, 2 elephant seals released, 2013: 5 elephant seals killed, 2014: 1 fur seal killed, 1 elephant seal killed, 2015: 1 elephant seal killed, 2 unspecified seals killed, 2016: 2 crabeater seal killed, 8 elephant seals killed, 1 unidentified seal killed | P, A/G |
| toothfish | trawl, bottom | 2 | | Subarea 58.4.2 (Heard Is.) | Antarctic fur seal, seals unspecified | 2007: 1 killed, 1 released unspecified seals, 2011: 1 killed unspecified seal, 2010: 1 fur seal released | P, A/G |
| toothfish | pots | 1 | | Subarea 58.4.2 (Heard Is.) | none documented | none documented | C/O, A/G |
| toothfish | longline | 1 | | Subarea 88.1 | none documented | none documented | C/O, A/G |
| toothfish | longline | 1 | | Subarea 88.2 | none documented | none documented | C/O, A/G |
| mud crab (Scylla spp) | pots | 102 | not applicable | July 1 to June 30; Commonwealth Fishery: Within boundary of the Torres Strait Protected Zone (TSPZ) and just south of the TSPZ | none provided | none provided | C/O, A/G |
| banana prawn, tiger prawn, endeavor prawn | bottom (prawn) trawl | 52 | not applicable | (banana prawn) and 1 August to 30 November (tiger and endeavor prawn); Commonwealth Fishery: Gulf of Carpentaria (Cape York) and west to Cape [illegible] December; | dolphins unspecified, bottlenose dolphin, common dolphins | 5 interactions with 2 mortalities (2012-16), 2, 3 | P, A/G |
| banana prawn, tiger prawn, endeavor prawn | bottom (prawn) trawl | 60 | not applicable | Commonwealth Fishery: Eastern part of the Torres Strait, within boundary of the Torres Strait Protected Zone (TSPZ) | dolphins unspecified | 1 interaction, released alive (2012-16) | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna and billfish (southern bluefin, albacore, bigeye, yellowfin, swordfish, marlin) | longline | 37 | not applicable | year-round; Commonwealth Fishery: Cape York to south Australian/Victorian border, Australia EEZ and high seas | common dolphin, dolphin unspecified, New Zealand fur seal, Australian fur seal, seals unspecified, baleen whale unspecified, melon-headed whale, short-finned pilot whale, long-finned pilot whale, toothed whales unspecified, whales unspecified | 26 interactions (2013-16), 1 dead (NZ fur seal), rest released alive | P, A/G |
| scampi (Australian, Boschma's, velvet) | trawl, bottom | max 7 | not applicable | year-round; Commonwealth Fishery: 144 degrees E to 125 E off Western Australian coast between 200m isobaths to the outer limit of the Aus. Fishing Zone | none provided | none provided | A/G |
| orange roughy, ruby snapper, and other finfish | trawl | max 11 | not applicable | year-round; Commonwealth Fishery: deepwater off Western Australia between 200m isobath to the outer limit of the Aus. Fishing Zone | none provided | none provided | A/G |
| southern bluefin tuna | purse seine | 27 domestic, 6 farm | not applicable | Commonwealth Fishery: Australia EEZ | seals unspecified in the area and may interact, common dolphins, fur seals and unidentified dolphins | none documented (2011-15), 1 common dolphin, 12 fur seals, 9 unspecified dolphins | P, A/G |
| tuna and billfish (bigeye, yellowfin, swordfish, marlin) | longline | 2 | not applicable | year-round; Commonwealth Fishery: Cape York to south Australian/Victorian border, Australia EEZ and high seas | Australian sea lion, seals unspecified, short-finned pilot whale, melon-headed whale, baleen whale, common dolphin, Indo-Pacific bottlenose dolphin | 4 interactions, no mortalities (2016), cetaceans: 14, 2, 6, 3 | P, A/G |
| skipjack tuna | purse seine | none provided | not applicable | Commonwealth Fishery: Cape York to south Australian/Victorian border, Australia EEZ and high seas | none provided | none provided | A/G |
| toothfish | longline, trawl | 1 | not applicable | year-round; Commonwealth Fishery: Australia EEZ around Macquarie Island | Antarctic fur seal | 1 (2014) | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| rock lobster and sea snail | trap/pot | 2 | not applicable | year-round; Commonwealth Fishery: Coral Sea Fishery: Cape York to Sandy Cape | none provided | none provided | C/O, A/G |
| small pelagics (sardine, blue mackerel) | purse seine | 2 | not applicable | year-round; Commonwealth Fishery: southern WA, all of SA, Victoria, Tasmania, and New South Wales from 3nm to the edge of the Australian Fishing Zone, and Southern Queensland | none documented | none documented | C/O, A/G |
| small pelagics (blue mackerel, jack mackerel, redbait (rover)) | trawl, midwater | 1 | not applicable | year-round; Commonwealth Fishery: southern WA, all of SA, Victoria, Tasmania, and New South Wales from 3nm to the edge of the Australian Fishing Zone, and Southern Queensland | Australian fur seal, New Zealand fur seal, seals unspecified, common dolphin | dead: 48, 8, 12, 9 (6 fur seals interacted but released alive) (2015-16) | P, A/G |
| deepwater flathead, bight redfish | trawl | 3 | not applicable | year-round; Commonwealth Fishery: Great Australian Bight, shelf water, SA to Cape Leeuwin | New Zealand fur seal | 2 released alive (2014-15) | P, A/G |
| Blue grenadier, western germfish, pink ling | trawl | 3 | not applicable | year-round; Commonwealth Fishery: Great Australian Bight, continental slope water, SA to Cape Leeuwin | New Zealand fur seal, Australian fur seal, common dolphin | 3 released alive (2014-15), ~10, 9 | P, A/G |
| deepwater flathead | Danish seine | 1 | not applicable | year-round; Commonwealth Fishery: Great Australian Bight, shelf water, SA to Cape Leeuwin | New Zealand fur seal | 4 released alive (2014-15) | P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| blue-eye trevalla, blue grenadier, blue warehou, deepwater sharks, eastern school whiting, flathead, gemfish, gulper shark, jackass morwong, john dory, mirror dory, ocean jacket, ocean perch, orange roughy, oreo dories, pink ling, redfish, ribaldo, royal red prawn, silver treevally, and silver warehou | trawl, demersal otter (sometimes also pair trawling and midwater trawling) | 38 | not applicable | year-round; Commonwealth Fishery: east of Sydney, southward through the Bass Strait and around Tasmania to Cape Jervis in SA | Australian fur seal, Antarctic fur seal, New Zealand fur seal, seals unspecified, common dolphin, dolphins unspecified, bottlenose dolphin | Australian fur seal: 345 dead, 110 alive, Antarctic fur seal: 4 dead, 1 alive, New Zealand fur seal: 7 dead, 3 alive, seals unspecified: 230 dead, 44 alive, common dolphin: 9 dead, dolphins unspecified: 4 dead, 1 alive, bottlenose dolphin: 2 | P, A/G |
| blue-eye trevalla, blue grenadier, blue warehou, deepwater sharks, eastern school whiting, flathead, gemfish, gulper shark, jackass morwong, john dory, mirror dory, ocean jacket, ocean perch, orange roughy, oreo dories, pink ling, redfish, ribaldo, royal red prawn, silver treevally, and silver warehou | Danish seine | 16 | not applicable | year-round; Commonwealth Fishery: east of Sydney, southward through the Bass Strait and around Tasmania to Cape Jervis in SA | Australian fur seal, New Zealand fur seal, seals unspecified | Australian fur seal: 4 dead, 7 alive, New Zealand fur seal: 2 alive, seals unspecified: 24 dead, 20 alive | P, A/G |
| alfonsino, bleu-eye trevalla, and boarfish | deepwater trawl | 0 active 2016 | not applicable | year-round; Commonwealth Fishery: 200nm around Lord Howe Island off New South Wales | none documented | none documented | C/O, A/G |
| gummy shark | shark hook | 24 | not applicable | year-round; Commonwealth Fishery: waters off New South Wales/Victoria west to the SA/WA border, including waters around Tasmania to the extent of the Australian Fishing Zone. | Australian fur seal, New Zealand fur seal, seals unspecified, sea lions unspecified, killer whales | Australian fur seal: 1 alive, New Zealand fur seal: 4 dead, 1 alive, seals unspecified: 3 alive, sea lions unspecified: 2 alive, killer whales: 1 dead (2012-2016) | P, A/G |
| blue-eye trevalla, pink ling | scalefish hook | 16 | not applicable | year-round; Commonwealth Fishery: waters off SA, Victoria, and Tasmania 3nm to the extent of the Australian Fishing Zone, also waters off Queensland and New South Wales | Australian fur seal, New Zealand fur seal, seals unspecified, sea lions unspecified, killer whales | Australian fur seal: 1 alive, New Zealand fur seal: 4 dead, 1 alive, seals unspecified: 3 alive, sea lions unspecified: 2 alive, killer whales: 1 dead (2012-2016) | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| elephantfish, gummy shark, sawshark | gillnet | 37 | not applicable | year-round; Commonwealth Fishery: waters off New South Wales/Victoria west to the SA/WA border, including waters around Tasmania to the extent of the Australian Fishing Zone. | Australian fur seal, New Zealand fur seal, seals unspecified, Australian sea lion, sea lions unspecified, common dolphin, bottlenose dolphin, dolphins unspecified, Indo-Pacific bottlenose dolphin | Australian fur seal: 24 dead, 4 alive, New Zealand fur seal: 14 dead, 1 alive, seals unspecified: 33 dead, 8 alive, Australian sea lion: +9 dead, 1 alive, sea lions unspecified: 2 dead, common dolphin: +28 dead, 2 alive, bottlenose dolphin: 2 dead, dolphins unspecified: 75 dead, 4 alive, 1 | P, A/G |
| pink ling, hagfish | trap | 2 | not applicable | Commonwealth Fishery: specific areas for specific trap fisheries | none provided | none provided | C/O, A/G |
| prawn, scallop, lobster, squid | trawl, otter | 289 | not applicable | year-round with 2 area closures; Queensland Fishery: New South Wales border to tip of Cape York east to offshore Constitutional Settlement line | inshore and common dolphins present in area | 1 (unspecified sp - 2016) | P, A/G |
| prawn, scallop, lobster, squid | bream trawl | 50 | not applicable | year-round with 2 area closures; Queensland Fishery: New South Wales border to tip of Cape York east to offshore Constitutional Settlement line including rivers and creeks | inshore and common dolphins present in area | 1 (unspecified sp - 2016) | P, A/G |
| yellowfin bream, mud crab, river eels, dusky flathead, luderick, sea mullet, pipi, eastern king prawn, school prawn, sand whiting (and other spp) | traps | 588 | not applicable | year-round; New South Wales Fishery: specific estuaries | none documented | none documented | C/O, A/G |
| yellowfin bream, mud crab, river eels, dusky flathead, luderick, sea mullet, pipi, eastern king prawn, school prawn, sand whiting (and other spp) | meshing nets | 588 | not applicable | year-round; New South Wales Fishery: specific estuaries | none documented | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| yellowfin bream, mud crab, river eels, dusky flathead, luderick, sea mullet, pipi, eastern king prawn, school prawn, sand whiting (and other spp) | fish hauling nets | 588 | not applicable | year-round; New South Wales Fishery: specific estuaries | none documented | none documented | C/O, A/G |
| yellowfin bream, mud crab, river eels, dusky flathead, luderick, sea mullet, pipi, eastern king prawn, school prawn, sand whiting (and other spp) | prawn nets | 588 | not applicable | year-round; New South Wales Fishery: specific estuaries | none documented | none documented | C/O, A/G |
| Australian salmon, Australian sardine, Australian bonito, anchovy, dart, luderick, sand whiting, sea mullet, yellowfin bream, eastern sea garfish, blue mackerel, yellowtail scad, witebait, jack mackerel, silver trevally, sweep | hauling net | 263 | not applicable | year-round; New South Wales Fishery: ocean waters | none documented | none documented | C/O |
| Australian salmon, Australian sardine, Australian bonito, anchovy, dart, luderick, sand whiting, sea mullet, yellowfin bream, eastern sea garfish, blue mackerel, yellowtail scad, witebait, jack mackerel, silver trevally, sweep | garfish net | 263 | not applicable | year-round; New South Wales Fishery: ocean waters | none documented | none documented | C/O |
| Australian salmon, Australian sardine, Australian bonito, anchovy, dart, luderick, sand whiting, sea mullet, yellowfin bream, eastern sea garfish, blue mackerel, yellowtail scad, witebait, jack mackerel, silver trevally, sweep | pilchard, anchovy, and bait net | 263 | not applicable | year-round; New South Wales Fishery: ocean waters | none documented | none documented | C/O |
| Australian salmon, Australian sardine, Australian bonito, anchovy, dart, luderick, sand whiting, sea mullet, yellowfin bream, eastern sea garfish, blue mackerel, yellowtail scad, witebait, jack mackerel, silver trevally, sweep | purse seine | 263 | not applicable | year-round; New South Wales Fishery: ocean waters | none documented | none documented | C/O, A/G |
| prawn (school prawn) | trawl, otter | 153 | not applicable | New South Wales Fishery: Clarence River estuary | none documented | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| prawn (school prawn, eastern king prawn) | trawl, otter | 153 | not applicable | year-round; New South Wales Fishery: Hunter River estuary | none documented | none documented | C/O, A/G |
| prawn (school prawn, eastern king prawn), squid (Loligo, Photololigo, Lolilus, Eupyrmna, Sepioiloida) | trawl, otter | 153 | not applicable | year-round; New South Wales Fishery: Hawksbury River estuary | none documented | none documented | C/O, A/G |
| Australian bonito, banded (bar) rock cod, blue-eye trevalla, grey (rubberlip) morwong, gummy shark, leatherjacket, silver trevally, snapper, spanner crab, yellowfin bream, yellowtail, kingfish | trap | 345 | not applicable | year-round; New South Wales Fishery: ocean waters | humpback whale | 1 | P, A/G |
| Australian bonito, banded (bar) rock cod, blue-eye trevalla, grey (rubberlip) morwong, gummy shark, leatherjacket, silver trevally, snapper, spanner crab, yellowfin bream, yellowtail, kingfish | crab net | 345 | not applicable | year-round; New South Wales Fishery: ocean waters | none documented | none documented | C/O, A/G |
| Australian bonito, banded (bar) rock cod, blue-eye trevalla, grey (rubberlip) morwong, gummy shark, leatherjacket, silver trevally, snapper, spanner crab, yellowfin bream, yellowtail, kingfish | lines | 345 | not applicable | year-round; New South Wales Fishery: ocean waters | none documented | none documented | C/O, A/G |
| Eastern rock lobster | traps | 99 | not applicable | year-round; New South Wales Fishery: ocean waters | none documented | none documented | C/O, A/G |
| prawns (eastern king, school, royal red, Balmain bug), fish (tiger flathead, sand/bluespotted flathead, silver trevally, fiddler shark, eastern school whiting, stout whiting), octopus, cuttlefish, southern calamari | trawl, otter | 205 | not applicable | year-round; New South Wales Fishery: ocean waters | New Zealand fur seal, unidentified seal | 1 NZ fur seal: dead, 1 unidentified seal released alive | P, A/G |
| fish (tiger flathead, sand/bluespotted flathead, silver trevally, fiddler shark, eastern school whiting, stout whiting) | Danish seine | 19 | not applicable | year-round; New South Wales Fishery: ocean waters | New Zealand fur seal, unidentified seal | 1 NZ fur seal: dead, 1 unidentified seal released alive | P |
| blue crab | pots | 15 | not applicable | year-round; South Australia Fishery: gulf waters of SA | none documented | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| giant crab | pots | 262 | not applicable | Southern zone: 1 October to 31 May, Northern Zone: 1 November to 31 May; South Australia Fishery: marine waters of SA to 200nm | none documented | none documented | C/O, A/G |
| yellow-eye mullet, mulloway, bony bream, black bream, greenback flounder | set nets | 109 | not applicable | year-round with spatial and temporal closures for specific species and gear types; South Australia Fishery: Lagoons and coastal marine waters | none documented | none documented | C/O, A/G |
| yellow-eye mullet, mulloway, bony bream, black bream, greenback flounder | haul nets | 109 | not applicable | year-round with spatial and temporal closures for specific species and gear types; South Australia | dolphins unspecified | 8 | P, C/O, A/G |
| crustaceans (blue swimmer crab, sand crab, velvet crab) | pots/traps | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | none documented | none documented | C/O, A/G |
| crustaceans (blue swimmer crab, sand crab, velvet crab) | nets | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | none documented | none documented | C/O, A/G |
| molluscs (southern calamari, cockle, cuttlefish, mussel, octopus, oyster, scallop, Gould's squid) | trap | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | none documented | none documented | C/O, A/G |
| molluscs (southern calamari, cockle, cuttlefish, mussel, octopus, oyster, scallop, Gould's squid) | nets | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | none documented | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Scalefish (Australian anchovy, barracouta, black bream, cod, dory, flathead, flounder, southern garfish, bluespotted goatfish, Australian herring, yellowtail kingfish, leatherjacket, pink ling, blue mackerel, jack mackerel, morwong, mullet, mulloway, redfish, Bight redfish, West Australian salmon, snapper, snook, southern sole, sea sweep, swallowtail, blue-eye trevalla, trevally, whiting, bluethroat wrasse) | longline | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | dolphin unspecified, common dolphin | 1 (2007/08), 1 | P, A/G |
| Scalefish (Australian anchovy, barracouta, black bream, cod, dory, flathead, flounder, southern garfish, bluespotted goatfish, Australian herring, yellowtail kingfish, leatherjacket, pink ling, blue mackerel, jack mackerel, morwong, mullet, mulloway, redfish, Bight redfish, West Australian salmon, snapper, snook, southern sole, sea sweep, swallowtail, blue-eye trevalla, trevally, whiting, bluethroat wrasse) | gillnet | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | dolphin unspecified, common dolphin | 1 (2007/08), 1 | P, A/G |
| Scalefish (Australian anchovy, barracouta, black bream, cod, dory, flathead, flounder, southern garfish, bluespotted goatfish, Australian herring, yellowtail kingfish, leatherjacket, pink ling, blue mackerel, jack mackerel, morwong, mullet, mulloway, redfish, Bight redfish, West Australian salmon, snapper, snook, southern sole, sea sweep, swallowtail, blue-eye trevalla, trevally, whiting, bluethroat wrasse) | purse seine | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | dolphin unspecified, common dolphin | 1 (2007/08), 1 | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Scalefish (Australian anchovy, barracouta, black bream, cod, dory, flathead, flounder, southern garfish, bluespotted goatfish, Australian herring, yellowtail kingfish, leatherjacket, pink ling, blue mackerel, jack mackerel, morwong, mullet, mulloway, redfish, Bight redfish, West Australian salmon, snapper, snook, southern sole, sea sweep, swallowtail, blue-eye trevalla, trevally, whiting, bluethroat wrasse) | other nets | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | dolphin unspecified, common dolphin | 1 (2007/08), 1 | P, A/G |
| Scalefish (Australian anchovy, barracouta, black bream, cod, dory, flathead, flounder, southern garfish, bluespotted goatfish, Australian herring, yellowtail kingfish, leatherjacket, pink ling, blue mackerel, jack mackerel, morwong, mullet, mulloway, redfish, Bight redfish, West Australian salmon, snapper, snook, southern sole, sea sweep, swallowtail, blue-eye trevalla, trevally, whiting, bluethroat wrasse) | traps | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | dolphin unspecified, common dolphin | 1 (2007/08), 1 | P, A/G |
| sharks (skates, rays, and sharks of all species [except white shark]) | longline | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | none documented | none documented | C/O, A/G |
| sharks (skates, rays, and sharks of all species [except white shark]) | gillnet | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | none documented | none documented | C/O, A/G |
| sharks (skates, rays, and sharks of all species [except white shark]) | purse seine | 771 | not applicable | year-round; South Australia Fishery: marine waters of SA to 200nm | none documented | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| western king prawn | prawn trawl net | 52 | not applicable | Gulf St Vincent: 1 November to 25 December and 1 March to 31 July, Spencer Gulf: 1 November to 31 December and 1 March to 30 June, West Coast: year-round; South Australia Fishery: >10m depth north in Gulf St. Vincent, Investigator Strait, and Backstairs Passage, Spencer Gulf | seals unidentified | 2 (2009/10), ~100 (2007-15) | P, A/G |
| rock lobster | pots | 261 | not applicable | Southern zone: 1 October to 31 May, Northern Zone inner region: 1 November to 31 May with option to | interaction with unidentified dolphin | 1 (2007/08) | P, A/G |
| sardine | purse seine | 29 | not applicable | year-round; South Australia Fishery: marine waters of SA, predominantly southern Spencer Gulf | short-beaked common dolphin and dolphins unidentified, unidentified seals | 4 (2014/15), 191 (2007-2015), 141 seal interactions (3 dead), 423 common dolphins (IWC reports) | P, A/G |
| demersal fishes, predominantly tropical snappers | fish traps | 8 | not applicable | year-round; Northern Territory Fishery: to 15nm from the coast | none documented | none documented | C/O, A/G |
| demersal fishes, predominantly tropical snappers | trawl | 8 | not applicable | year-round; Northern Territory Fishery: to 15nm from the coast | dolphins unspecified | 2 | P, A/G |
| Australian blacktip sharks, common blacktip shark, spottail shark, grey mackerel | longline, demersal | 9 | not applicable | year-round; Northern Territory Fishery: to the outer limit of the Australian Fishing Zone | dolphin unspecified | 1 (2015) | P, A/G |
| Australian blacktip sharks, common blacktip shark, spottail shark, grey mackerel | longline, pelagic | 9 | not applicable | year-round; Northern Territory Fishery: to the outer limit of the Australian Fishing Zone | dolphin unspecified | 1 (2015) | P, A/G |
| Australian blacktip sharks, common blacktip shark, spottail shark, grey mackerel | gillnet | 9 | not applicable | year-round; Northern Territory Fishery: to the outer limit of the Australian Fishing Zone | dolphin unspecified | 1 (2015) | P, A/G |
| Timor Reef demersal fishes, predominantly tropical snappers | traps | 8 | not applicable | year-round; Northern Territory Fishery: 160km northwest of Darwin | none documented | none documented | C/O, A/G |
| Timor Reef demersal fishes, predominantly tropical snappers | trawl | 8 | not applicable | year-round; Northern Territory Fishery: 160km northwest of Darwin | none documented | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| saucer scallop, some western king prawn | trawl, demersal otter | 4 | not applicable | March/April to August; Western Australian Fishery: area off the mainland between 27 degrees S 51 min and 29 degrees S 3 min | none documented | none documented | C/O, A/G |
| prawns (western king, brown tiger, endeavor, banana) | trawl, demersal otter | 6 | not applicable | Early April to late November/early December, some areas are closed to fishing; Western Australian Fishery: waters of the Exmouth Gulf south of a line that extends from the mainland to Muiron Islands, Serrurier Island and 114 degrees 46 min E | none documented | none documented | C/O, A/G |
| Octopus | traps | 25 | not applicable | year-round; Western Australian Fishery: Cockburn Sound, three zones extending from the mainland | humpback whale | 2 | P, A/G |
| pilbara fish trawl (snapper species, rankin cod, can include cuttlefish and squid) | trawl | 3 | not applicable | year-round, area closures; Western Australian Fishery: zone 2 | dolphins unspecified, bottlenose dolphin | average of 22.2 interactions each year, 18.4 result in mortality, 0.65-1.2% bycatch rate | P, A/G |
| blue swimmer crab | trawl | 27 | not applicable | year-round; Western Australian Fishery: operates in 2 zones: west off the mainland bw 23 degrees 34 min S and 26 degrees 30 min S to approx. 150m isobath, zone 2 covers the waters of Shark Bay | none documented | none documented | C/O, A/G |
| blue swimmer crab | traps | 27 | not applicable | year-round; Western Australian Fishery: operates in 2 zones: west off the mainland bw 23 degrees 34 min S and 26 degrees 30 min S to approx. 150m isobath, zone 2 covers the waters of Shark Bay | none documented | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| prawns (western king, brown tiger, coral, endeavor) | trawl | 18 | not applicable | October/November; Western Australian Fishery: waters off the mainland between 23 degrees, 34 min S, and 26 degrees, 30 min S to | none documented | none documented | C/O, A/G |
| scallop | trawl | 24 | not applicable | March to May, and August to February; Western Australian Fishery: waters off the mainland between 23 degrees, 34 min S, and 26 degrees, 30 min S to approx. 200m isobath | none documented | none documented | C/O, A/G |
| rock lobster, deep sea crab | pots | 25 | not applicable | Western Australian Fishery: four zones on the south coast extending from 34 degrees, 24 min S to the WA/SA border, including an offshore zone | none documented | none documented | C/O, A/G |
| rock lobster | pots | 295 | not applicable | year-round; Western Australian Fishery: three zones off the west coast of WA between 21 degrees, 44 min S and 34 degrees, 24 min S | unspecified whales, dolphins, and seals, humpback whale, southern right whale | 7 whales (5 released alive, 2 dead), 1 dolphin (fate unknown, 1 seal (dead) (over last 10 years), 35, 2 | P, A/G |
| deep sea crabs | pots | 5 | not applicable | year-round; Western Australian Fishery: all waters between 34 degrees, 24 min S, the WA/NT border and the seaward side of the 150m isobath to the Australian Fishing Zone | none documented | none documented | C/O, A/G |
| giant crab | trap | 6 | not applicable | year-round; Tasmanian Fishery: Tasmanian waters | none documented | none documented | C/O, A/G |
| rock lobster | pots | 200 | not applicable | mid-November-October 1; Tasmanian Fishery: predominantly coastal (less than 50m) around the state | seals | 1 mortality 2014 (other non-fatal interactions with gear) | P, A/G |
| salmon and ocean trout | aquaculture (cages) | 44 leases | none provided | year-round; Tasmanian Fishery: Tasmanian coastal waters | seals, common dolphin, bottlenose dolphin | 7-25, 4, 1-2 /yr. | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| rock lobster | pots | 118 licenses (no vessel limit) | not applicable | year-round; Victorian Fishery: Victorian coastal waters | seal, humpback whale | 2 seal mortalities, 1 humpback whale entanglement (untangled successfully and released alive) | P, A/G |
| giant crab | pots | 30 licenses | not applicable | year-round; Victorian Fishery: Victorian coastal waters | none documented | none documented | C/O, A/G |
| mackerel | trawl | none provided | none provided | Indian Ocean | sperm whale | 1 | P, A/G |
| southern bluefin tuna | aquaculture (sea cages) | 14 | none provided | year-round; South Australia Fishery: Port Lincoln | long-nose fur seals, bottlenose dolphin | 2, 1 (since 2005) | N/I |
| yellowtail kingfish | aquaculture (sea cages) | 23 | none provided | year-round; South Australia Fishery: Port Lincoln, Arno Bay, Fitzgerald Bay (Spencer Gulf) | long-nose fur seals, dolphins unspecified | 3, 15 (since 2005) | N/I |
| yellowtail kingfish | aquaculture (cages) | 1 | none provided | year-round; Western Australian Fishery: coast of Geraldton | none documented, single case of predator net breach (sp not noted), animal released unharmed | none documented | N/I |
| **Export Fisheries with No Information** | | | | | | | |
| finfish | line/trawl/trap | 2 | not applicable | year-round; Commonwealth Fishery: Coral Sea Fishery: Cape York to Sandy Cape | none provided | none provided | N/I |
| dolphinfish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| grouper | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| lobster (homarus spp) | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| | | | | | | | |
| **Azerbaijan** | | | | | | | |
| **Export Fisheries** | | | | | | | |
| caviar (sturgeon, black) | gillnet | 657 | Not applicable | Caspian sea | Caspian seal | none provided | A/G |
| | | | | | | | |
| **Bahamas** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| crab | pots, traps | 585 Dinghies (small boat 17 feet) and 399 motherships (larger than 20 feet) per FAO report in 2014 | Tropic Seafood | none provided | none provided | none provided | N/I, A/G |
| conch | hand collection by diving, conch hooks | 585 Dinghies (small boat 17 feet) and 399 motherships (larger than 20 feet) per FAO report in 2014 | Best choice Seafood, Sea Food Angels, | none provided | none provided | none provided | N/I, A/G |
| coral | hand collection by diving | 585 Dinghies (small boat 17 feet) and 399 motherships (larger than 20 feet) per FAO report in 2014 | Not applicable | none provided | none provided | none provided | N/I, A/G |
| lobster | pots, traps | 585 Dinghies (small boat 17 feet) and 399 motherships (larger than 20 feet) per FAO report in 2014 | Best choice Seafood, Sea Food Angels | none provided | none provided | none provided | A/G |
| sponge | hand collection by diving | 585 Dinghies (small boat 17 feet) and 399 motherships (larger than 20 feet) per FAO report in 2014 | none provided | none provided | none provided | none provided | N/I, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| grouper, snapper | none provided | 585 Dinghies (small boat 17 feet) and 399 motherships (larger than 20 feet) per FAO report in 2014 | Sea Food Angels, Tropic Seafood | none provided | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| molluscs | none provided | 585 Dinghies (small boat 17 feet) and 399 motherships (larger than 20 feet) per FAO report in 2014 | Not applicable | none provided | none provided | none provided | N/I |
| flatfish turbot | none provided | 585 Dinghies (small boat 17 feet) and 399 motherships (larger than 20 feet) per FAO report in 2014 | Not applicable | none provided | none provided | none provided | N/I |
| groundfish | none provided | 585 Dinghies (small boat 17 feet) and 399 motherships (larger than 20 feet) per FAO report in 2014 | Not applicable | none provided | none provided | none provided | N/I |
| sea cucumbers | none provided | 585 Dinghies (small boat 17 feet) and 399 motherships (larger than 20 feet) per FAO report in 2014 | none provided | none provided | none provided | none provided | N/I |

## Bahrain

### Export Fisheries with No Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| crab, lobster | trap, pot, wire traps | 1000 | Not applicable | none provided | none provided | none provided | N/I |
| cuttlefish | none provided | 1000 | Not applicable | none provided | none provided | none provided | N/I |
| snapper, grouper | gillnet, fixed stake nets | 213 | Not applicable | none provided | none provided | none provided | N/I, A/G |
| shrimp | trawl | 229 | Not applicable | none provided | none provided | none provided | N/I, A/G |
| finfish - rabbit fish, emperors, groupers, mackerel, bream (seabream and sobaity), grunt | aquaculture | not applicable | none provided | none provided | none provided | none provided | N/I |
| finfish - rabbit fish, emperors, groupers, mackerel, bream (seabream and sobaity), grunt | gillnet, fixed stake nets, driftnets | not applicable | none provided | none provided | none provided | none provided | N/I, A/G |
| jellyfish | none provided | none provided | Not applicable | none provided | none provided | none provided | N/I |
| ray and shark | driftnets | none provided | Not applicable | none provided | none provided | none provided | N/I, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Bangladesh** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| crab | handnet scoop | 5000 families or 8000 collectors living along Sundarbans, and the coastal rivers of country | Siam Canadian Group, Lunaz Sea Foods, WorldLink, Maritech Overseas Enterprises, Nodi Enterprises, Skynet Seafoods | Along the sundarbans and coastal rivers of Bay of Bengal (area 57) | None (Predators of adult mud crab are turtle and shark) | none documented | A/G |
| shrimp (Black Tiger) | aquaculture | >65,000 shrimp farmers in SW districts of Khulna, Bagerhat, and Satkhira | 162 processors (e.g. Siam Canadian Group, Lunaz Sea Foods, Al Mizan Int'l Trading, Amitco Group, Anraj Fish Product Industries, AquaMax, Asian Seafood Limited, Bengal Sea Food & Royal Bengal Group, Captain Cox Sea Foods Int'l, Flower Int'l, Maritech Overseas Enterprises, Maryland Seafood Int'l, Nikita Int'l, Red Rose Int'l, SouthShield Fisheries Limited) | SW districts of Khulna, Bagerhat, and Satkhira | None documented | none documented | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| shrimp (Freshwater Prawn) | aquaculture | >65,000 shrimp farmers in SW districts of Khulna, Bagerhat, and Satkhira | 162 processors (e.g. Siam Canadian Group, Lunaz Sea Foods, Al Mizan Int'l Trading, Amitco Group, Anraj Fish Product Industries, AquaMax, Asian Seafood Limited, Bengal Sea Food & Royal Bengal Group, Captain Cox Sea Foods Int'l, Flower Int'l, Maritech Overseas Enterprises, Maryland Seafood Int'l, Nikita Int'l, Red Rose Int'l, SouthShield Fisheries Limited) | SW districts of Khulna, Bagerhat, and Satkhira | None documented | none documented | A/G |
| **Export Fisheries** | | | | | | | |
| shrimp | trawl | 30 to 37 | none provided | none provided | none provided | none provided | A/G |
| sardine, carp, croaker, ribbon, grouper, grunter, scads, mackerel, sole/flatfish, catfish, red snapper, tuna, Hilsa, Pomfret, red fish/breams, eel, sharks, rays, cuttlefish, shrimp | trawl | 247 | not applicable | Bay of Bengal | none provided | none provided | A/G |
| sardine, carp, croaker, ribbon, grouper, grunter, scads, mackerel, sole/flatfish, catfish, red snapper, tuna, Hilsa, Pomfret, red fish/breams, eel, sharks, rays, cuttlefish, shrimp | gillnet | 32,859 | not applicable | Bay of Bengal | Irrawaddy dolphin, Ganges river dolphin | none provided | C/O, A/G |
| shrimp, anchovy, jewfish, pomfret, ribbon | gillnet | 32,859 | not applicable | Bay of Bengal | Irrawaddy dolphin, Ganges river dolphin | none provided | C/O, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Flatfish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| Crustaceans and Lobster (rock, homarus spp.) | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| Squid, cuttlefish, octopus | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| mullet, herring | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| Sauger | none provided | none provided | none provided | none provided | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Shad | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| Perch (pike perch, yellow pike) | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| Molluscs | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| eels | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| butterfish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| Groundfish (cod, hake, whiting, whitefish) | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| **Barbados** | | | | | | | |
| **Export Fisheries** | | | | | | | |
| tuna (yellowfin, bigeye), dolphinfish, swordfish | longline | 45 | Not applicable | Atlantic Ocean, southeast of Barbados Island | None documented | None document | A/G |
| **Belgium** | | | | | | | |
| **Export Fisheries** | | | | | | | |
| flounder, plaice, sole | trawl | none provided | none provided | southern and central North Sea | none provided | none provided | N/I, A/G |
| flatfish and cod | nearshore gillnet | none provided | none provided | ICES area - North Sea | Harbor Porpoise, gray seals, harbor seals | 28 | P, C/O |
| **Export Fisheries with No Information** | | | | | | | |
| seaweed | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| crustaceans, crab, king crab | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| molluscs, mussels | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| octopus | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| herring | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| agar agar (algae) | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| anchovy | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| cod | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| coral | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| cuttlefish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sturgeon roe, caviar | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| menhaden (oil) | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| salmon | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| snail | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| **Belize** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Caribbean Spiny Lobster (*Panulirus argus), crab* | lobster traps/casitas/hook stick | 561 | Caribeña Producers Cooperative Society Ltd, National Fishermen Producers Cooperative Society Ltd, Placencia Producers Cooperative Society Ltd, | Territorial Waters | none documented | none document | A/G |
| Queen Conch (*Strombus gigas)* | free diving | 561 | none provided, Caribeña Producers Cooperative Society Ltd, National Fishermen Producers Cooperative Society Ltd, Placencia Producers Cooperative Society Ltd, | Territorial Waters | none | none | A/G |
| Sea Cucumber (*Holothuria mexicana,Isostichopus badionotus)* | free diving | 20 | not applicable | Territorial Waters | none documented | none documented | A/G |
| Finfish, snapper, grouper | spear gun / handline | 561 | not applicable | Territorial Waters | none documented | none documented | A/G |
| Finfish, snapper, grouper | vertical and horizontal longline | 561 | not applicable | Territorial Waters | no information | no information | A/G |
| Finfish, snapper, grouper | fish traps | 561 | not applicable | Territorial Waters | none documented | none documented | A/G |
| coral, shells, cuttlebone | hand collection | none provided | not applicable | Territorial Waters | none | none | A/G |
| **Export Fisheries** | | | | | | | |
| Sharks | gillnet | 15 | not applicable | Territorial Waters | dolphins, west Indian manatee, humpback whale | humpback whale-1 | C/O, A/G |
| Sharks | longline | 15 | not applicable | Territorial Waters | dolphins, west Indian manatee | none provided | C/O, A/G |
| Finfish, snapper, grouper | gillnet | 561 | not applicable | Territorial Waters | manatee | reporting | C/O |
| shrimp | trawl | 8 | none provided | none provided | none provided | none provided | N/I, A/G |
| Sharks, tuna | Longline | 7 | not applicable | Inter-American Tropical Tuna Commission convention Area | none provided | none provided | A/G |
| tuna (yellowfin, bigeye, albacore) swordfish | purse seine | 8 | not applicable | International Convention for the Conservation of Atlantic Tuna Convention Area | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna (yellowfin, bigeye, albacore) swordfish | Longline | 12 | not applicable | International Convention for the Conservation of Atlantic Tuna Convention Area | none documented | none document | A/G |
| Sardines, Sardinella, Mackerel and Horse Mackerel | trawl | 15 | not applicable | EEZs of Namibia, Mauritania, Trista de Cunha | none provided | none provided | A/G |
| **Benin** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| coral | hand collection | none provided | none provided | EEZ of Benin | none provided | none provided | N/I |
| **Export Fisheries with No Information** | | | | | | | |
| crustaceans, lobster | pots, traps | none provided | none provided | EEZ of Benin | none provided | none provided | N/I |
| shrimp, prawn | trawl | 2 | none provided | EEZ of Benin | none provided | none provided | N/I |
| cuttlefish, squid | none provided | none provided | none provided | EEZ of Benin | none provided | none provided | N/I |
| demersal species, such as barracuda, croaker, and snapper | trawl | <10 | none provided | EEZ of Benin | none provided | none provided | N/I |
| demersal species, such as barracuda, croaker, and snapper | longline, purse seine, beach seine | 52537 | none provided | EEZ of Benin | none provided | none provided | N/I |
| tuna, swordfish | purse seine | 15 | not applicable | EEZ of Benin | none provided | none provided | |
| pelagic fish species | trawl, seine | none provided | none provided | EEZ of Benin | none provided | none provided | N/I |
| **Brazil** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| Tuna - bigeye, albacore, yellowfin, swordfish, shark | handline (bottom) | 106 - 149 | not applicable | Territorial Sea - NE (Maranhão to Bahia) | none provided | none provided | A/G |
| Mackerel, including Jack, Horse, | handline (bottom) | 106 - 149 | not applicable | Territorial Sea - NE (Maranhão to Bahia) | none provided | none provided | A/G |
| Grouper | handline (bottom) | 22 | not applicable | Territorial Sea - SOUTHEAST/Exclusive Economic Zone - SOUTHEAST | none provided | none provided | A/G |
| Southern red snapper, croaker | handline (bottom) | 13 - 149 | not applicable | Territorial Sea - NE (Maranhão to Bahia) | none provided | none provided | A/G |
| Ornamental fish | dive with aids | 11- 26 | not applicable | Territorial Sea | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |
| Tuna - bigeye, albacore, yellowfin, swordfish, shark | longline (Surface) | 57 - 131 | not applicable | International Waters/Territorial Sea/Exclusive Economic Zone | long-finned pilot whale, Risso's dolphin, false killer whale, killer whale | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Catfish, Guri Sea, Madamango Sea, Thomas Sea, Coco Sea, White Sea | longline (bottom) | 27 - 91 | not applicable | International Waters/Territorial Sea/Exclusive Economic Zone | none provided | none provided | A/G |
| Catfish, Madamango Sea, Thomas Sea, Coco Sea, Gafftopsail | single and pair trawl | 7 - 13 | not applicable | Territorial Sea - NORTH and EEZ - NORTH (Polygon outlined in Annex I to Ministry of Fishing and Aquaculture and Ministry of the Environment Interministerial Normative Instruction No. 02/2010) | none provided | none provided | A/G |
| shrimp - red-spotted | single and double rig bottom trawl | 343 - 367 | not applicable | Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH | none provided | none provided | A/G |
| Shrimp - red-spotted, Atlantic seabob, southern brown shrimp | single and double rig bottom trawl | 55 - 82 | not applicable | Territorial Sea - N/NE (from Maranhão to Piauí)/Territorial Sea - NORTH/Exclusive Economic Zone - N/NE (from Maranhão to Piauí)/Exclusive Economic Zone - NORTH | none provided | none provided | A/G |
| Shrimp - red-spotted, Atlantic seabob, southern brown shrimp | single and double rig bottom trawl | 33 - 94 | not applicable | Territorial Sea - N/NE (from Amapá to Piauí)/Exclusive Economic Zone - N/NE (from Amapá to Piauí) | none provided | none provided | A/G |
| Shrimp - red-spotted, Atlantic seabob, southern brown shrimp | single and double rig bottom trawl | 296 - 676 | not applicable | Territorial Sea - NE (from Ceará to Bahia) | none provided | none provided | A/G |
| Atlantic seabob | single and double rig bottom trawl | 2283 - 2824 | not applicable | Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Atlantic seabob | single and double rig bottom trawl | 8 | not applicable | Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH | none provided | none provided | A/G |
| Mackerel, including Chum, Jack, Horse | purse seine/surrounding net (Rede de Cerco) | 125 - 215 | not applicable | Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH | none provided | none provided | A/G |
| Dourada or Gilded catfish | gillnet (espera) | 21 - 48 | not applicable | Amazon Basin Estuaries/Territorial Sea - NORTH | Amazon river dolphin, tucuxi | 67 | C/O |
| Dourada or Gilded catfish | bottom longline | 83 - 196 | not applicable | Territorial Sea - NORTH (Amapá to Pará)/Exclusive Economic Zone - NORTH (Amapá to Pará) | none provided | none provided | A/G |
| Dourada or Gilded catfish | single or pair bottom trawl | 7 - 13 | not applicable | Territorial Sea - NORTH and EEZ - NORTH (Polygon outlined in Annex I to Ministry of Fishing and Aquaculture and Ministry of the Environment Interministerial Normative Instruction No. 02/2010) | none provided | none provided | A/G |
| Swordfish | longline, surface | Nov-95 | not applicable | International Waters/Territorial Sea/Exclusive Economic Zone | none provided | none provided | A/G |
| Grouper | bottom longline | 27 - 91 | not applicable | Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH | none provided | none provided | A/G |
| Lobster - spiny, rock, and Caribbean spiny, crab, other crustaceans | trap | 638 - 1077 | not applicable | Territorial Sea - N/NE/SE (from Amapá to Espírito Santo)/Exclusive Economic Zone - N/NE/SE (from Amapá to Espírito Santo) | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Lobster - spiny, rock, and Caribbean spiny, crab, other crustaceans | trap | 210 - 327 | not applicable | Territorial Sea - N/NE/SE (from Amapá to Espírito Santo)/Exclusive Economic Zone - N/NE/SE (from Amapá to Espírito Santo) | none provided | none provided | A/G |
| Lobster - spiny, rock, and Caribbean spiny, crab, other crustaceans | trap | 1115 - 1501 | not applicable | Territorial Sea - N/NE/SE (from Amapá to Espírito Santo)/Exclusive Economic Zone - N/NE/SE (from Amapá to Espírito Santo) | none provided | none provided | A/G |
| Lobster - spiny, rock, and Caribbean spiny, crab, other crustaceans | trap | 79 - 108 | not applicable | Territorial Sea - N/NE/SE (from Amapá to Espírito Santo)/Exclusive Economic Zone - N/NE/SE (from Amapá to Espírito Santo) | none provided | none provided | A/G |
| Southern red snapper, croaker | longline | 5 - 9 | not applicable | Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH | none provided | none provided | A/G |
| Southern red snapper, croaker | longline, cages | 21 | not applicable | Territorial Sea - N/NE (from Amapá to Alagoas)/Exclusive Economic Zone - N/NE (Amapá to Alagoas) | none provided | none provided | A/G |
| Southern red snapper, croaker | longline, cages | 39 | not applicable | Territorial Sea - N/NE (from Amapá to Alagoas)/Exclusive Economic Zone - N/NE (Amapá to Alagoas) | none provided | none provided | A/G |
| Southern red snapper, croaker | longline, cages | 1 | not applicable | Territorial Sea - N/NE (from Amapá to Alagoas)/Exclusive Economic Zone - N/NE (Amapá to Alagoas) | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Blackfin goosefish | gillnet (oceanic bottom) | 1 - 3 | not applicable | Exclusive Economic Zone - SOUTHEAST (depths of over 820 ft.)/Exclusive Economic Zone - SOUTH (depths of over 820 ft.) | melon-head whale | none provided | A/G |
| snapper, gray, weakfish smooth and king, croaker | single or pair bottom trawl | 7 - 13 | not applicable | Territorial Sea - NORTH and EEZ - NORTH (Polygon outlined in Annex I to Ministry of Fishing and Aquaculture and Ministry of the Environment Interministerial Normative Instruction No. 02/2010) | none provided | none provided | A/G |
| snapper, gray, croaker | gillnet, bottom | 250 - 886 | not applicable | Territorial Sea - N/NE (Amapá to Maranhão)/Exclusive Economic Zone - N/NE (Amapá to Maranhão) | Clymene dolphin, Franciscana dolphin, melon-head whale | none provided | A/G |
| King weakfish, croaker | gillnet, bottom | 74 - 377 | not applicable | Territorial Sea - N/NE (Amapá to Maranhão)/Exclusive Economic Zone - N/NE (Amapá to Maranhão) | Clymene dolphin, Franciscana dolphin, melon-head whale | none provided | A/G |
| Stripped weakfish, croaker | gillnet (espera) | 23 - 53 | not applicable | Coast of the State of Rio Grande do Sul | Clymene dolphin, Franciscana dolphin, melon-head whale | none provided | A/G |
| Octopus | trap, pot | 0 | not applicable | Territorial Sea - NORTHEAST/Territorial Sea - NORTH/Exclusive Economic Zone - NORTHEAST/Exclusive Economic Zone - NORTH | none provided | none provided | A/G |
| Octopus | trap, pot | 10 | not applicable | Territorial Sea - SE/S (from Espírito Santo to Paraná)/Exclusive Economic Zone - SE/S (from Espírito Santo to Paraná) | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Octopus | trap, pot | 5 | not applicable | Territorial Sea - S (from Santa Catarina to Rio Grande do Sul)/Exclusive Economic Zone - S (from Santa Catarina to Rio Grande do Sul) | none provided | none provided | A/G |
| Sardinella, brisling, sprat | purse seine/surrounding net (Rede de Cerco) | 44 | not applicable | Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH | none provided | none provided | A/G |
| Sardinella, brisling, sprat | purse seine/surrounding net (Rede de Cerco) | 120 | not applicable | Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH | none provided | none provided | A/G |
| Sardinella, brisling, sprat | purse seine/surrounding net (Rede de Cerco) | 2 | not applicable | Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH | none provided | none provided | A/G |
| Mullet | gillnet (espera) | 406 | not applicable | Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH | Clymene dolphin, Franciscana dolphin, melon-head whale | none provided | A/G |
| freshwater fish, carp, eels, snakehead | gillnet | none provided | not applicable | Amazon | Amazon river dolphin, tucuxi | 67 | C/O |
| none provided | gillnet | none provided | not applicable | EEZ - Arembepe, Camaçari-BA | Clymene Dolphin | 1 | C/O |
| none provided | gillnet | none provided | not applicable | FAO Area 41 | franciscana dolphin | none provided | C/O |
| shark | trawl | none provided | none provided | none provided | cetaceans | none provided | A/G |
| shark | gillnet | none provided | none provided | none provided | cetaceans | none provided | A/G |
| shark | driftnet | none provided | not applicable | FAO Area 41 | humpback, sperm, dwarf sperm, pilot whales; spinner, Atlantic spotted, common, striped, Clymene, and bottlenose dolphin | none provided | C/O |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| shark | seine | none provided | none provided | none provided | cetaceans | none provided | A/G |
| shark | longline | none provided | none provided | none provided | cetaceans | none provided | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| salmon | none provided | none provided | not applicable | none provided | none provided | none provided | N/I |
| butterfish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| caviar, roe | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| cobia | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| flatfish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| groundfish, including ocean perch | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| marine fish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sea cucumbers | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| **British Virgin Islands** | | | | | | | |
| **Export Fisheries with No Information** | | | | | | | |
| Marine Fish | None provided | None provided | none provided | None provided | None provided | None provided | N/I |
| Toothfish | None provided | None provided | none provided | None provided | None provided | None provided | N/I |
| Snapper | None provided | None provided | none provided | None provided | None provided | None provided | N/I |
| squid | None provided | None provided | none provided | None provided | None provided | None provided | N/I |
| **Brunei** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| shrimp (blue shrimp) | offshore cage aquaculture | 1 company | Golden Corporation | None provided | None provided | None provided | |
| **Export Fisheries** | | | | | | | |
| tuna | purse seine | 2 | Not applicable | deep sea fishing zone | None documented | None documented | A/G |
| tuna | purse seine | 1 | Not applicable | deep sea fishing zone | None documented | None documented | A/G |
| **Bulgaria** | | | | | | | |
| **Export Fisheries** | | | | | | | |
| Topshell/Rapana whelk | trawl, beam, otter | 246 vessels 400-420 participants | Not applicable | Black Sea (FAO fishing area 37.4.2) April through November | Marine mammals in area | None reported in logbooks | C/O |
| Turbot, spiny dogfish, sturgeons | large mesh nets | None provided | Not applicable | Black Sea | Harbor porpoises, common dolphins | None provided | |
| **Export Fisheries with No Information** | | | | | | | |
| Sea cucumber | None provided | None provided | Not applicable | None provided | None provided | None provided | N/I |
| **Cameroon** | | | | | | | |
| **Export Fisheries with No Information** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| groundfish (cod, cusk, haddock, hake, pollock, sole) | None provided | None provided | Not applicable | None provided | None provided | None provided | N/I |
| mackerel, herring | None provided | None provided | Not applicable | None provided | None provided | None provided | N/I |
| snail | None provided | None provided | Not applicable | None provided | None provided | None provided | N/I |
| none provided | gillnet | None provided | Not applicable | FAO Area 34 - coastal Cameroon | Atlantic humpback dolphin, humpback whale, sperm whale, striped dolphin, common dolphin | None provided | N/I |
| none provided | longline | None provided | Not applicable | Cameroon region | unidentified Odontocete, dugong | 91 | N/I |
| mussels, oysters | None provided | None provided | none provided | none provided | None provided | None provided | N/I |
| crawfish | None provided | None provided | none provided | none provided | None provided | None provided | N/I |
| crustaceans | None provided | None provided | none provided | none provided | None provided | None provided | N/I |
| shrimp | None provided | None provided | none provided | none provided | None provided | None provided | N/I |

## Canada

### Exempt Fisheries

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Alewife (Gaspereau) | gillnet set | Non-vessel based | Not applicable | Maritimes Region (NS, NB) | None provided | none provided | A/G |
| Alewife (Gaspereau) | weir, trap net | Non-vessel based | Not applicable | Maritimes Region (NS, NB) | None provided | none provided | A/G, |
| Alewife (Gaspereau) | weir, trap net | 36 | Not applicable | Gulf Region (ENB,NS,PEI) | None provided | none provided | A/G, |
| Atlantic cod | handline | 116 | Not applicable | Maritimes Region (4X5Y) | None provided | none provided | A/G |
| Northern cod | handline | 1722 | Not applicable | Newfoundland and Labrador Region (2J3KL) | none documented | none provided | P, A/G |
| Capelin | weir, trap net | 370 | Not applicable | Newfoundland and Labrador Region (2J3KLPs) | none documented | none documented | C/O, A/G |
| Char | handline | 1 | Not applicable | Newfoundland and Labrador Region (1-14) | None provided | None provided | P, A/G |
| herring | weir, trap net | 47 | Not applicable | Newfoundland and Labrador Region (2,3,4R) | none documented | none documented | A/G, C/O |
| herring | weir, trap net | None provided | Not applicable | Maritime Region (Bay of Fundy) | none documented | none documented | A/G, C/O |
| Pollock | handline | 73 | Not applicable | Maritimes Region (4VWX, 5Zc) | None provided | None provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Rockfish | hook and line | 9 | Not applicable | Pacific Region (Areas 13 to 20, 28, 29 and Subareas 12-1 to 12-13, 12-15 to 12-48) | None provided | None provided | A/G |
| Rockfish | hook and line | 39 | Not applicable | Pacific Region (Areas 1 to 11, 21, 23 to 27, 101 to 111, 121, 123 to 127, 130, 142 and Subarea 12-14) | None provided | None provided | A/G |
| Sea cucumber | drag/dredge | 18 | Not applicable | Newfoundland and Labrador (3 Ps) | None provided | None provided | A/G |
| Shad | weir, trap net | Non-vessel based | Not applicable | Maritimes Region (NS, NB) | none documented | none documented | A/G, C/O |
| Smelt | weir, trap net | 17 | Not applicable | Gulf Region (ENB, NS, PEI) | none documented | none documented | A/G, C/O |
| Smelt | weir, trap net | Non-vessel based | Not applicable | Maritimes Region (NS, NB) | none documented | none documented | A/G, C/O |
| Sturgeon, Atlantic | gillnet | Non-vessel based | Not applicable | Maritimes Region, tidal waters of the Sant | None provided | None provided | A/G |
| tuna | harpoon, spear | 54 | Not applicable | Maritimes Region (3,4,5 (exception 4RST and Bay of Fundy) and International Convention for the Conservation of Atlantic Tuna 3) | none documented | none documented | A/G |
| tuna, albacore | handline, jig | 164 | Not applicable | Pacific Region (Canadian EEZ and high seas) | None provided | None provided | A/G |
| tuna, albacore | handline, jig | 43 | Not applicable | Pacific Region (U.S. EEZ) | none documented | None provided | A/G |
| clam | rakes, tongs | None provided | Not applicable | Maritimes Region | none documented | none documented | A/G |
| clam | rakes, tongs, hand-held tools | 56 | Not applicable | Gulf Region (ENB, NS, PEI) | none documented | none documented | A/G |
| marine plants | rakes, tongs, hand-held tools | Non-vessel based | Not applicable | Gulf Region (ENB, NS, PEI), Maritimes Region (most active SWNB and SWNS) | none documented | none documented | A/G |
| Marine worms | hand tools | Non-vessel based | Not applicable | Maritimes Region (SWNG, SWNS, Bay of Fundy, Southwest Nova Scotia, Areas 1-6) | none documented | none documented | A/G |
| mussels | hand-held tools | 2 | Not applicable | Gulf Region (ENB, NS, PEI) | none documented | none documented | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| oysters (commercial, relay) | rakes, tongs, hand-held tools | 38 | Not applicable | Gulf Region (ENB, NS, PEI) | none documented | none documented | A/G |
| quahogs | hand-held tools | 2-16 | Not applicable | Gulf Region (ENB, PEI) | none documented | none documented | A/G |
| scallops | hand-held tools | 1-21 | Not applicable | Quebec Region (15-20) | none documented | none documented | A/G |
| Oysters | hand-held tools | Non-vessel based | Not applicable | Pacific Region (WCVI and East Coast Vancouver Island (ECVI) | none documented | none documented | A/G |
| clams | hand-held tools | Non-vessel based | Not applicable | Pacific Region (clam area A,B,C,D,E,F,G, F27) | none documented | none documented | A/G |
| hagfish | barrel traps | 1-3 | Not applicable | Maritimes Region (4VW, 4WX, 4WX5Z, 4X) | none documented | none documented | A/G |
| sea urchins | diving | 13-24 | Not applicable | Maritimes Region (ENS,SWNS, SWNB LFA 36 and 38), Newfoundland and Labrador Region | none documented | none documented | A/G |
| sea urchins (red, green) | diving | | Not applicable | Pacific Region (North and South Coast), Coastwide | none documented | none documented | A/G |
| geoduck, horseclam | diving | | Not applicable | Pacific Region (North Coast (N), West Coast Vancouver Island (WCVI) and inside Vancouver Island (Gulf)) | none documented | none documented | A/G |
| sea cucumber | diving | | Not applicable | Pacific Region (C,G,P, and W) | none documented | none documented | A/G |
| quahogs | drag/dredge | 6 | Not applicable | Maritimes Region | none documented | none documented | A/G |
| scallop | drag/dredge | 149 | Not applicable | Gulf Region (21A,B,C - 24) | none documented | none documented | A/G |
| scallop | drag/dredge | 336 | Not applicable | Maritimes Region (SFA 28, 29) | none documented | none documented | A/G |
| scallop | drag/dredge | 44 | Not applicable | Newfoundland and Labrador Region (LFA 13, 14, 3LNO, 3Ps) | none documented | none documented | A/G |
| scallops | drag/dredge | 31 | Not applicable | Quebec Region (15-20) | none documented | none documented | A/G |
| sea cucumber | drag/dredge | 6 | Not applicable | Maritimes Region (Southwest New Brunswick, Scotian Shelf) | none documented | none documented | A/G |
| sea urchin | drag/dredge | 13 | Not applicable | Maritimes Region (SWNB LFA 36, 38) | none documented | none documented | A/G |
| eel | push trawl | Non-vessel based | Not applicable | Maritimes Region | none documented | none documented | A/G |
| eel | longline | Non-vessel based | Not applicable | Maritimes Region | none documented | none documented | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| eel | fyke net, pot | 20 | Not applicable | Newfoundland and Labrador Region (3-14) | none documented | none documented | A/G |
| special use | hoop net | 8 | Not applicable | Pacific Region (3,4,5,13, to 19, 29) | none documented | none documented | A/G |
| swordfish | harpoon, spear | 92 | Not applicable | Maritimes Region (3,4,5 (exception 4RST and Bay of Fundy) and International Convention for the Conservation of Atlantic Tuna 3) | none documented | none documented | A/G |
| Oysters | aquaculture, raft, bags, line, predator netting | 256 | None provided | British Columbia | none documented | none documented | |
| Mussels | aquaculture, raft, ropes, line | 38 | None provided | British Columbia | none documented | none documented | |
| Clams | aquaculture, raft, trays, predator netting | 121 | None provided | British Columbia | none documented | none documented | |
| Scallops | aquaculture raft, trays, longline | 18 | None provided | British Columbia | none documented | none documented | |
| marine plants | aquaculture, tanks and raft | 1 | None provided | British Columbia | none documented | none documented | |
| Oyster, Clam (softshell and quahog), and Scallop^ | aquaculture, N/A spread on bottom | 790 | None provided | Prince Edward Island | none documented | none documented | |
| Oyster | aquaculture, Floating Bags | 247 | None provided | Prince Edward Island | none documented | none documented | |
| Mussel | aquaculture, Socks | 320 | None provided | Prince Edward Island | none documented | none documented | |
| Oyster -Spat | Aquaculture Lines, Chinese Hats, PVC pipe, etc. | 279 | None provided | Prince Edward Island | none documented | none documented | |
| Mussel-Spat | Aquaculture, Collector lines | 63 | None provided | Prince Edward Island | none documented | none documented | |
| oysters | aquaculture, bottom, off-bottom, suspension | 433 | None provided | New Brunswick | none documented | none documented | |
| quahogs | aquaculture, bottom, off-bottom | 94 | None provided | New Brunswick | none documented | none documented | |
| bar clam | aquaculture, bottom, off-bottom | 68 | None provided | New Brunswick | none documented | none documented | |
| clam, soft-shell | aquaculture, bottom, off-bottom | 39 | None provided | New Brunswick | none documented | none documented | |
| mussels, blue | aquaculture, suspended line | 29 | None provided | New Brunswick | none documented | none documented | |
| mussels, blue | aquaculture, integrated multitrophic | 1 | None provided | New Brunswick | none documented | none documented | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| scallop, bay | aquaculture, bottom, off-bottom, suspension | 36 | None provided | New Brunswick | none documented | none documented | |
| scallop, deep sea | aquaculture, bottom, off-bottom, suspension | 18 | None provided | New Brunswick | none documented | none documented | |
| sea urchin | aquaculture, bottom, off-bottom | 1 | None provided | New Brunswick | none documented | none documented | |
| scallop, giant | aquaculture, bottom, off-bottom | 1 | None provided | New Brunswick | none documented | none documented | |
| sea cucumber | aquaculture, bottom, off-bottom | 1 | None provided | New Brunswick | none documented | none documented | |
| American oyster | aquaculture, no gear | 99 | None provided | Nova Scotia | None provided | None provided | |
| Bay quahog | aquaculture, no gear | 23 | None provided | Nova Scotia | None provided | None provided | |
| Soft Shell Clams | aquaculture, no gear | 16 | None provided | Nova Scotia | None provided | None provided | |
| Bay scallop | aquaculture, no gear | 6 | None provided | Nova Scotia | None provided | None provided | |
| Bar clams | aquaculture, no gear | 2 | None provided | Nova Scotia | None provided | None provided | |
| Sea Urchin | aquaculture, on bottom | 60** | None provided | Québec | None provided | None provided | A/G |
| American Oyster | aquaculture, suspended lines | 56 | None provided | Nova Scotia | None provided | None provided | N/I, A/G |
| Bay quahog | aquaculture, suspended lines | 1 | None provided | Nova Scotia | None provided | None provided | N/I, A/G |
| Blue Mussel | aquaculture, suspended lines | 79 | None provided | Nova Scotia | None provided | None provided | N/I, A/G |
| salmon, Atlantic | aquaculture, marine cage | 30 | None provided | Nova Scotia | None provided | None provided | N/I, A/G |
| Rainbow Trout | aquaculture, marine cage | 27 | None provided | Nova Scotia | None provided | None provided | N/I, A/G |
| Bay scallop | aquaculture, suspended lines | 14 | None provided | Nova Scotia | None provided | None provided | N/I, A/G |
| Giant sea scallop | aquaculture, suspended lines | 42 | None provided | Nova Scotia | None provided | None provided | N/I, A/G |
| blue mussel | aquaculture, suspended lines, socking | 53 | None provided | Newfoundland and Labrador | none documented | none documented | N/I, A/G |
| **Export Fisheries** | | | | | | | |
| baitfish | seine | 20 | Not applicable | Pacific Region (3, 4, 5, 13, 14, 17, 18, 29) | harbor seal, sea lion | none provided | P, A/G |
| Atlantic cod | trawl, bottom, otter | 116 | Not applicable | Maritimes Region (4X5Y) | Seals (not specified) | none provided | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Atlantic cod | gillnet, set | 116 | Not applicable | Maritimes Region (4X5Y) | None provided | none provided | P, A/G |
| Atlantic cod | longline | 116 | Not applicable | Maritimes Region (4X5Y) | Seals (not specified) | none provided | P, A/G |
| Atlantic cod | trawl, otter | None provided | Not applicable | Newfoundland and Labrador Region (3Ps) | None provided | None provided | P, A/G |
| Atlantic cod | gillnet | None provided | Not applicable | Newfoundland and Labrador Region (4R3Pn) | humpback whale | None provided | P, A/G |
| Atlantic cod | gillnet | None provided | Not applicable | Newfoundland and Labrador Region (3Ps) | humpback whale | None provided | P, A/G |
| Northern cod | pot | 1722 | Not applicable | Newfoundland and Labrador Region (2J3KL) | harbor seal | 1 | P, A/G |
| Northern cod | gillnet set | 1722 | Not applicable | Newfoundland and Labrador Region (2J3KL) | humpback whale, seal | none provided | P, A/G |
| Northern cod | longline | 1722 | Not applicable | Newfoundland and Labrador Region (2J3KL) | Atlantic white sided dolphin, long finned pilot whale, beluga whale, northern bottle nosed whale | none provided | P, A/G |
| Capelin | gillnet, set | 370 | Not applicable | Newfoundland and Labrador Region (2J3KLPs) | humpback whale | None provided | P, A/G |
| Capelin | purse seine | 370 | Not applicable | Newfoundland and Labrador Region (2J3KLPs) | humpback whale | None provided | P, A/G |
| Char | gillnet, set | 1 | Not applicable | Newfoundland and Labrador Region (1-14) | humpback whale | None provided | P, A/G |
| dogfish | longline | 3 | Not applicable | Pacific Region (coastwide) | Atlantic white sided dolphin, long finned pilot whale, beluga whale, northern bottle nosed whale | None provided | P, A/G |
| eel | gillnet, drift | 70 | Not applicable | Gulf Region (ENB, NS, PEI) | none documented | none documented | A/G, C/O |
| Flounder | trawl, bottom otter | None provided | Not applicable | Maritimes Region (4X5Y) | None provided | None provided | P, A/G |
| Witch flounder | trawl, otter | None provided | Not applicable | Newfoundland and Labrador Region (3Ps) | None provided | None provided | P, A/G |
| Greenland halibut | trawl, bottom | 9 | Not applicable | Central and Arctic Region (0A) | None provided | None provided | P, A/G |
| Greenland halibut | trawl, bottom | 6 | Not applicable | Central and Arctic Region (0B) | None provided | None provided | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Greenland halibut | pots | 9 | Not applicable | Central and Arctic Region (0A) | sperm whale, bottlenose whale, Greenland porpoise, whale (not specified), seal (not specified) | None provided | P, A/G |
| Greenland halibut | pots | 6 | Not applicable | Central and Arctic Region (0B) | bottlenose whale | None provided | P, A/G |
| Greenland halibut | gillnet | 9 | Not applicable | Central and Arctic Region (0A) | sperm whale, bottlenose whale, Greenland porpoise, whale (not specified), seal (not specified) | None provided | P, A/G |
| Greenland halibut | gillnet | 6 | Not applicable | Central and Arctic Region (0B) | bottlenose whale | None provided | P, A/G |
| Greenland halibut | longline | 9 | Not applicable | Central and Arctic Region (0A) | Atlantic white sided dolphin, long finned pilot whale, beluga whale, northern bottle nosed whale | None provided | P, A/G |
| Greenland halibut | longline | 6 | Not applicable | Central and Arctic Region (0B) | Atlantic white sided dolphin, long finned pilot whale, beluga whale, northern bottle nosed whale | None provided | P, A/G |
| Greenland halibut (turbot) | trawl, bottom | 6 | Not applicable | Newfoundland and Labrador Region (2-3 KLMNO) | Humpback whale | None provided | P, A/G |
| Greenland halibut (turbot) | gillnet | 352 | Not applicable | Newfoundland and Labrador Region (2-3 KLMNO) | Humpback whale | None provided | P, A/G |
| Greenland halibut (turbot) | longline | 352 | Not applicable | Newfoundland and Labrador Region (2-3 KLMNO) | humpback whale | None provided | P, A/G |
| Halibut (Atlantic) | longline | None provided | Not applicable | Newfoundland and Labrador Region (3Pns) | None provided | none provided | A/G |
| Halibut | longline | 149 | Not applicable | Pacific Region (Areas 1 to 11, 21, 23 to 27, 101 to 111, 121, 123 to 127, 130, 142, Subarea 12-14, 12-1 to 12-13, 12-15 to 12-48, 19-3 to 19-5 and Area 20) | None provided | none provided | A/G |
| Haddock | gillnet | 67 | Not applicable | Maritimes Region (4X5Y) | None provided | None provided | A/G |
| Haddock | trawl, bottom otter | 67 | Not applicable | Maritimes Region (4X5Y) | Seals (not specified) | None provided | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Haddock | longline | 67 | Not applicable | Maritimes Region (4X5Y) | None provided | None provided | A/G |
| Hake (white) | longline | None provided | Not applicable | Newfoundland and Labrador Region (3Pn) | None provided | None provided | P, A/G |
| herring | gillnet set | 44 | Not applicable | Newfoundland and Labrador Region (2-3) | Humpback whale | None provided | P, A/G |
| herring | purse seine | 44 | Not applicable | Newfoundland and Labrador Region (2-3) | Humpback whale | None provided | P, A/G |
| herring | gillnet set | 3 | Not applicable | Newfoundland and Labrador Region (4R) | Humpback whale | None provided | P, A/G |
| herring | purse seine | 3 | Not applicable | Newfoundland and Labrador Region (4R) | Humpback whale | None provided | P, A/G |
| herring | purse seine | 10 | Not applicable | Maritimes Region ( SWNS and BoF) | Seals (not specified) | none provided | P, A/G |
| lingcod | troll, jig | 37 | Not applicable | Pacific Region (Groundfish Management Areas 3C, 3D, 5A, 5B, 5C, 5D and 5E, sub-Areas 12-1 to 12-13 and 12-15 to 12-48) | None provided | none provided | A/G, N/I |
| lumpfish | gillnet set | None provided | Not applicable | Newfoundland and Labrador Region (2J3KL) | Humpback whale | None provided | P, A/G |
| lumpfish | gillnet set | None provided | Not applicable | Newfoundland and Labrador Region (3Ps) | Humpback whale | None provided | P, A/G |
| lumpfish | gillnet set | None provided | Not applicable | Newfoundland and Labrador Region (4R3Pn) | Humpback whale | None provided | P, A/G |
| monkfish | gillnet set | None provided | Not applicable | Newfoundland and Labrador Region (3LNOPs) | Humpback whale | None provided | P, A/G |
| Pollock | trawl, bottom otter | 73 | Not applicable | Maritimes Region (4VWX, 5Zc) | Seals (not specified) | None provided | P, A/G |
| Pollock | gillnet set | 73 | Not applicable | Maritimes Region (4VWX, 5Zc) | None provided | None provided | P, A/G |
| Pollock | longline | 73 | Not applicable | Maritimes Region (4VWX, 5Zc) | None provided | None provided | A/G |
| Plaice, American | Gillnet, set | None provided | Not applicable | Newfoundland and Labrador Region (4R) | humpback whale | None provided | P, A/G |
| Redfish | trawl, bottom otter | 1 | Not applicable | Gulf Region Unit 2 (4RST) | None provided | None provided | A/G |
| Redfish | trawl, bottom otter | 9 | Not applicable | Maritimes Region Unit 2 (4VW) | None provided | None provided | A/G |
| Redfish | trawl, bottom otter | None provided | Not applicable | Newfoundland and Labrador Region (unit 2) | None provided | None provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Redfish | trawl, bottom otter | None provided | Not applicable | Maritimes Region (unit 3) | Seals (not specified) | None provided | P, A/G |
| Rockfish | longline | 9 | Not applicable | Pacific Region (Areas 13 to 20, 28, 29 and Subareas 12-1 to 12-13, 12-15 to 12-48) | None provided | None provided | P, A/G |
| Rockfish | longline | 39 | Not applicable | 11, 21, 23 to 27, 101 to 111, 121, 123 to 127, 130, 142 and Subarea 12-14) | None provided | None provided | P, A/G |
| sablefish | longline | 33 | Not applicable | Pacific Region (Areas 1 to 11, 21, 23 to 27, 101 to 111, 121, 123 to 127, 130, 142, Subarea 12-14, 12-1 to 12-13, 12-15 to 12-48, 19-3 to 19-5 and Area 20 | None provided | None provided | P, A/G |
| sardine | purse seine | 20 | Not applicable | Pacific Region (3 – 13, 20, 23 to 27, 101 to 110, 121, 123 to 127, 130 and 142) | sea lion, harbor seal, humpback whale | None provided | P, A/G |
| Shrimp | trawl | None provided | Not applicable | Maritimes Region (13,14,15) | None provided | None provided | A/G |
| Shrimp | pot | None provided | Not applicable | Maritimes Region (15) | None provided | None provided | A/G |
| Shrimp | trawl | 47 | Not applicable | Quebec Region (9) | None provided | None provided | A/G |
| Shrimp | trawl | None provided | Not applicable | Quebec Region (8) | None provided | None provided | A/G |
| Shrimp | trawl | 16 | Not applicable | Quebec Region (12) | None provided | None provided | A/G |
| Shrimp | trawl | 58 | Not applicable | Quebec Region (10) | None provided | None provided | A/G |
| Shrimp | trawl | 237 | Not applicable | Pacific Region | harbor seal | None provided | P, A/G |
| Silver hake | trawl, bottom otter | 9 | Not applicable | Maritimes Region (4VWX+5) | Dolphins (not specified) | None provided | P, A/G |
| Shad | gillnet set | None provided | Not applicable | Gulf Region (ENB) | None provided | none provided | A/G |
| Shad | gillnet set | Non-vessel based | Not applicable | Maritimes Region (NS, NB) | None provided | none provided | A/G |
| Smelt | trap | 6 | Not applicable | Newfoundland and Labrador Region (4R) | None provided | None provided | A/G |
| Smelt | purse seine | 6 | Not applicable | Newfoundland and Labrador Region (4R) | None provided | None provided | A/G |
| Smelt | gillnet set | 17 | Not applicable | Gulf Region (ENB, NS, PEI) | None provided | none provided | A/G |
| Smelt | gillnet set | Non-vessel based | Not applicable | Maritimes Region (NS, NB) | None provided | none provided | A/G |
| winter flounder | gillnet set | 18 | Not applicable | Newfoundland and Labrador Region (3KL) | humpback whale | None provided | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| winter flounder | gillnet set | None provided | Not applicable | Newfoundland and Labrador Region (3Ps) | humpback whale | None provided | P, A/G |
| flounder | trawl, bottom otter | None provided | Not applicable | Maritimes Region (4VWX+5) | Seals (not specified) | None provided | P, A/G |
| krill | trawl | 17 | Not applicable | Pacific Region (south coast) | harbor seals | None provided | P, A/G |
| groundfish | trawl, bottom | 56 | Not applicable | Pacific Region | harbor seals, sea lions, humpback whales | None provided | P, A/G |
| groundfish | mid-water trawl | 56 | Not applicable | Pacific Region | harbor seals, sea lions, humpback whales | None provided | P, A/G |
| scallop | trawl | 5 | Not applicable | Pacific Region (south coast) | harbor seal | None provided | P, A/G |
| rock crab | pot (pyramid-type) | 38 | Not applicable | Quebec Region (Gaspe) | None provided | None provided | A/G |
| rock crab | pot (pyramid-type) | 38 | Not applicable | Quebec Region (North shore) | None provided | None provided | A/G |
| rock crab | pot (pyramid-type) | 38 | Not applicable | Quebec Region (Magdalen Islands) | Humpback whale, fin whale, sperm whale | None provided | P, A/G |
| rock crab | traps | 27 | Not applicable | Gulf Region (area 23) | None provided | None provided | A/G |
| rock crab | traps | 6 | Not applicable | Gulf Region (area 24) | None provided | None provided | A/G |
| rock crab | traps | 55 | Not applicable | Gulf Region (area 25) | None provided | None provided | A/G |
| rock crab | traps | 72 | Not applicable | Gulf Region (area 26A) | None provided | None provided | A/G |
| rock crab | traps | 0 | Not applicable | Gulf Region (area 26B) | None provided | None provided | A/G |
| rock crab | pots | 11 | Not applicable | Newfoundland and Labrador Region (CFA 3-13) | None provided | None provided | A/G |
| rock crab | traps | None provided | Not applicable | Maritimes Region (LFA 27) | None provided | None provided | A/G |
| rock crab | traps | None provided | Not applicable | Maritimes Region (LFA 29, 31a, 31b, 32) | None provided | None provided | A/G |
| rock crab | traps | None provided | Not applicable | Maritimes Region (LFA 34) | None provided | None provided | A/G |
| rock crab | traps | None provided | Not applicable | Maritimes Region (LFA 35) | None provided | None provided | A/G |
| rock crab | traps | None provided | Not applicable | Maritimes Region (LFA 36) | None provided | None provided | A/G |
| Jonah crab | traps | None provided | Not applicable | Maritimes Region (LFA 32, 33, 34,) | None provided | None provided | A/G |
| Jonah crab | traps | None provided | Not applicable | Maritimes Region (LFA 38) | humpback whale | None provided | P, A/G |
| Red crab | pots | 5 | Not applicable | Maritimes Region (4x4w5z) | None provided | None provided | A/G |
| Snow crab | pots | 55 | Not applicable | Maritimes Region (20, 21, 22) | North Atlantic right whale | None provided | P, A/G, C/O |
| Snow crab | pots | 41 | Not applicable | Maritimes Region (23) | humpback whale | None provided | P, A/G, C/O |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Snow crab | pots | 41 | Not applicable | Maritimes Region (24) | Seals (not specified) | None provided | P, A/G, C/O |
| Snow crab | pots | 6 | Not applicable | Maritimes Region (4X) | None provided | None provided | A/G, C/O |
| Snow crab | pots | 1717 | Not applicable | Newfoundland and Labrador Region (2GHJ, 3KLNO, 3Ps, 4R3Pn) | humpback whale | None provided | P, A/G, C/O |
| Snow crab | traps (conical) | 104 | Not applicable | Gulf (Area 19) | minke whale, humpback whale | None provided | P, A/G, C/O |
| Snow crab | traps (conical) | 311 | Not applicable | Gulf Quebec (Areas 12 (12, 18, 25, 26) 12E and 12F) | humpback whale | None provided | P, A/G, C/O |
| Snow crab | traps (conical, Japanese) | 8 - 54 | Not applicable | Quebec Region (Area 12A, 12B, 12C, 14, 15, 16, 16A, 17)) | Humpback whale, fin whale, sperm whale | None provided | P, A/G, C/O |
| Toad crab | pots | 12 | Not applicable | Newfoundland and Labrador Region | None provided | None provided | A/G, C/O |
| Lobster | pots | 1263 | Not applicable | Newfoundland and Labrador Region (LFA 1-14) | humpback whale | None provided | P, A/G, C/O |
| Lobster | pots | 125 | Not applicable | Maritimes Region, Bay of Fundy (LFA 35) | None provided | None provided | A/G, C/O |
| Lobster | pots | 493 | Not applicable | Maritimes Region, Cape Brenton (Area 27) | minke whale | None provided | P, A/G, C/O |
| Lobster | pots | 7 | Not applicable | Maritimes Region, Cape Brenton (Area 28) | None provided | None provided | A/G, C/O |
| Lobster | pots | 62 | Not applicable | Maritimes Region, Cape Brenton (Area 29) | None provided | None provided | A/G, C/O |
| Lobster | pots | 19 | Not applicable | Maritimes Region, Cape Brenton (Area 30) | None provided | None provided | A/G, C/O |
| Lobster | pots | 66 | Not applicable | Maritimes Region, Eastern Nova Scotia (Area 31A) | None provided | None provided | A/G, C/O |
| Lobster | pots | 213 | Not applicable | Maritimes Region, Eastern Nova Scotia (Area 31B and 32) | None provided | None provided | A/G, C/O |
| Lobster | pots | 1640 | Not applicable | Maritimes Region, Southwest Nova Scotia (Area 33 and 34) | risso's dolphin; humpback whale; minke whale | None provided | P, A/G, C/O |
| Lobster | pots | 132 | Not applicable | Maritimes Region, Gulf of Maine (Area 38) | minke whale | None provided | P, A/G, C/O |
| Lobster | pots | 61 | Not applicable | Maritimes Region, Machaise Island (Area 38B) | None provided | None provided | A/G, C/O |
| Lobster | pots | 177 | Not applicable | Maritimes Region, Southwest New Brunswick (Area 36) | North Atlantic right whale, humpback whale | None provided | P, A/G, C/O |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Lobster | pots | 669 | Not applicable | Maritimes Region, Northeast New Brunswick (Area 23) | None provided | None provided | A/G, C/O |
| Lobster | pots | 635 | Not applicable | Gulf Region, Northern Prince Edward Island (Area 24) | None provided | None provided | A/G, C/O |
| Lobster | pots | 710 | Not applicable | Gulf Region, Southwest Prince Edward Island/New Brunswick (Area 25) | None provided | None provided | A/G, C/O |
| Lobster | pots | 912 | Not applicable | Gulf Region, Southeast Prince Edward Island/New Brunswick (Area 26) | None provided | None provided | A/G, C/O |
| Lobster | pots | 2 | Not applicable | Quebec Region, Chaleur Bay/Magdalen Islands (Area 21, 22) | minke whale | None provided | P, A/G, C/O |
| Lobster | pots | 69 | Not applicable | Quebec Region, North Shore and northern Gaspe peninsula (Area 15-19) | minke whale | None provided | P, A/G, C/O |
| Lobster | pots | None provided | Not applicable | Quebec Region, southern Gaspe peninsula (Area 20) | minke whale | None provided | P, A/G, C/O |
| Lobster, Jonah crab | pots | 1 | Not applicable | Maritimes Region (Area 41) | None provided | None provided | A/G, C/O |
| Mackerel | trap | None provided | Not applicable | Maritime Region, Cape Brenton/St. Margaret's Bay | North Atlantic right whale; minke whale, longfin pilot whale | 2 longfin pilot whales | P, A/G, C/O |
| Whelk | pots | None provided | Not applicable | Maritimes Region, offshore | minke whale | None provided | P, A/G, C/O |
| Whelk | pots | 43 | Not applicable | Newfoundland and Labrador Region (3Ps) | humpback whale | None provided | P, A/G, C/O |
| Whelk | pots | 63 | Not applicable | Newfoundland and Labrador Region (2J, 3KL, 4R3Pn) | None provided | None provided | A/G, C/O |
| Whelk | trap, conical, pyramid, mixed, pot | 59 | Not applicable | Quebec Region | minke whale | None provided | P, A/G, C/O |
| Roe | gillnet | 75 | Not applicable | Pacific Region (2E, 3, 4, 5, 6, 7, 8, 14 to 18, 23, 24, 25) | harbor seal, sea lion | none provided | P, A/G |
| Roe | purse seine | 25 | Not applicable | Pacific Region (2E, 3, 4, 5, 6, 7, 8, 14 to 18, 23, 24, 25) | harbor seal, sea lion, harbor porpoise | none provided | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| salmon (sockeye, pink, chum) | gillnet | 383 | Not applicable | Pacific Region (D - Areas 11 to 15 and 23 to 27) | harbor seal, sea lions, harbor porpoise, killer whale, humpback whale | None provided | P, A/G |
| salmon (sockeye, pink, chum) | purse seine | 168 | Not applicable | Pacific Region (B - Areas 11 to 28, and 121) | harbor seal, sea lions, harbor porpoise, humpback whale | None provided | P, A/G |
| salmon (sockeye, pink, chum) | gillnet | 390 | Not applicable | Pacific Region (E - Areas 16 to 22, 28, 29 and 121) | harbor seal, sea lions, harbor porpoise, killer whale, humpback whale | None provided | P, A/G |
| salmon (sockeye, pink) | purse seine | 108 | Not applicable | Pacific region (A - Areas 1 to 10, Subarea 101-7) | harbor seal, sea lions, harbor porpoise, humpback whale | None provided | P, A/G |
| salmon (sockeye) | purse seine | 10 | Not applicable | Pacific Region (2E (2W), 3, 4, 5, 6, 7, 8, 14 to 18, 23, 24, 25, 27, 10, 12) | harbor seal, sea lion, humpback whale | None provided | P, A/G |
| salmon (sockeye, pink, chum) | gillnet | 629 | Not applicable | Pacific Region (C- Areas 1 to 10, Subarea 101-7) | harbor seal, sea lions, harbor porpoise, humpback whale | None provided | P, A/G |
| salmon (chinook) | troll | 118 | Not applicable | Pacific Region (G - Areas 11, 20 to 27, 111, 121, 123 to 127 and Subareas 12-5 to 12-16 | None provided | None provided | A/G |
| salmon (chinook) | troll | 239 | Not applicable | Pacific Region (F - Areas 1 to 10, 101 to 110, 130 and 142) | None provided | None provided | A/G |
| salmon (chinook) | troll | 77 | Not applicable | Pacific Region (H - Areas 12 to 19, 28 and 29) | None provided | None provided | P, A/G |
| special use | gillnet | 8 | Not applicable | Pacific Region (3,4,5,13, to 19, 29) | harbor seal, sea lion | None provided | P, A/G |
| special use | seine | 8 | Not applicable | Pacific Region (3,4,5,13, to 19, 29) | harbor seal, sea lion | None provided | P, A/G |
| swordfish | longline | 92 | Not applicable | Maritimes Region (3,4,5 (exception 4RST and Bay of Fundy) and International Convention for the Conservation of Atlantic Tuna 3) | pilot whales, seal | None provided | P, A/G |
| tuna | troll | 54 | Not applicable | Maritimes Region (3,4,5 (exception 4RST and Bay of Fundy) and International Convention for the Conservation of Atlantic Tuna 3) | dolphins (not specified), whales (not specified) Bottlenose dolphin | None provided | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna | longline | 54 | Not applicable | Maritimes Region (3,4,5 (exception 4RST and Bay of Fundy) and International Convention for the Conservation of Atlantic Tuna 3) | dolphins (not specified), whales (not specified) Bottlenose dolphin | None provided | P, A/G |
| Atlantic Salmon | aquaculture, netpen | 100 | None provided | British Columbia | Harbor seal, California sea lion, Steller sea lion, humpback whale | 294, 26, 8, 15, 42, 9 (2011-2016) | P |
| Chinook Salmon | aquaculture, netpen | 22 | None provided | British Columbia | California sea lion, harbor seal | 5,2,1,0,0,0 (2011-2016) | P |
| Coho Salmon | aquaculture, netpen | 5 | None provided | British Columbia | California sea lion, harbor seal | 4,0,0,0,0,0 (2011-2016) | P |
| Sablefish | aquaculture, netpen | 6 | None provided | British Columbia | harbor seal | 0,1,0,0,0,0 (2011-2016) | P |
| salmon, Atlantic | aquaculture, marine cage | 41 | None provided | New Brunswick | harbor seal | none documented | C/O, A/G |
| cunner | aquaculture, integrated multitrophic | 5 | None provided | New Brunswick | harbor seal | none documented | C/O, A/G |
| kelp, edible | aquaculture, integrated multitrophic | 6 | None provided | New Brunswick | harbor seal | none documented | C/O, A/G |
| kelp, winged | aquaculture, integrated multitrophic | 6 | None provided | New Brunswick | harbor seal | none documented | C/O, A/G |
| kelp, horsetail | aquaculture, integrated multitrophic | 6 | None provided | New Brunswick | harbor seal | none documented | C/O, A/G |
| Haddock | aquaculture, marine cage | 1 | None provided | New Brunswick | harbor seal | none documented | C/O, A/G |
| halibut | aquaculture, marine cage | 1 | None provided | New Brunswick | harbor seal | none documented | C/O, A/G |
| cod | aquaculture, marine cage | 1 | None provided | New Brunswick | harbor seal | none documented | C/O, A/G |
| salmon, Atlantic | aquaculture, net pen | 88 | None provided | Newfoundland and Labrador | harbor seal, gray seal | 0,2,2,3,0,1 (2011-2016)) | P, A/G |
| trout, steelhead | aquaculture, net pen | 88 | None provided | Newfoundland and Labrador | harbor seal, gray seal | 0,2,2,3,0,1 (2011-2016)) | P, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Seaweed | aquaculture, sectors | 60** | None provided | Québec | None provided | None provided | N/I |
| Scallops | aquaculture, sectors | 60** | None provided | Québec | None provided | None provided | N/I |
| Oysters | aquaculture, sectors | 60** | None provided | Québec | None provided | None provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Mussels | aquaculture, sectors | 60** | None provided | Québec | None provided | None provided | N/I |
| Clams | aquaculture, on bottom | 60** | None provided | Québec | None provided | None provided | N/I |
| **Cape Verde** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| mackerel, sardine | handlines | 1500 Artisanal boats, 97 vessels for industrial fishing (size from 8 to 25 m with 40-510 HP engines) | not applicable | Cape Verde Coastal and Insular Areas (FAO 34.3.11 and 34.3.12) | None provided | None provided | N/I, A/G |
| mackerel, sardine | beach seine | 1500 Artisanal boats, 97 vessels for industrial fishing (size from 8 to 25 m with 40-510 HP engines) | not applicable | Cape Verde Coastal and Insular Areas (FAO 34.3.11 and 34.3.12) | None provided | None provided | N/I, A/G |
| snapper, grouper, flounder | handlines | 1500 Artisanal boats, 97 vessels for industrial fishing (size from 8 to 25 m with 40-510 HP engines) | not applicable | Cape Verde Coastal and Insular Areas (FAO 34.3.11 and 34.3.12) | None provided | None provided | N/I, A/G |
| tuna (albacore) | pole and line, handlines | 1043, 1500 Artisanal boats, 97 vessels for industrial fishing (size from 8 to 25 m with 40-510 HP engines), 30 E.U. Surface longliners, 13 E.U. Pole-and-line vessels | Not applicable | West Africa | None provided | None provided | A/G |
| **Export Fisheries** | | | | | | | |
| mackerel, sardine | purse seine | 1500 Artisanal boats, 97 vessels for industrial fishing (size from 8 to 25 m with 40-510 HP engines) | not applicable | Cape Verde Coastal and Insular Areas (FAO 34.3.11 and 34.3.12) | None provided | None provided | N/I, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| snapper, grouper, flounder | gillnet | 1500 Artisanal boats, 97 vessels for industrial fishing (size from 8 to 25 m with 40-510 HP engines) | not applicable | Cape Verde Coastal and Insular Areas (FAO 34.3.11 and 34.3.12) | None provided | None provided | N/I, A/G |
| tuna (yellowfin, bigeye, skipjack) | purse seine | 4 large-scale, 28 E.U. vessels | not applicable | International Convention for the Conservation of Atlantic Tuna Convention Area | none provided | none provided | A/G |
| tuna (yellowfin, bigeye, skipjack) | purse seine | 65 smaller-scale | not applicable | International Convention for the Conservation of Atlantic Tuna Convention Area | none provided | none provided | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| tuna (frigate, wahoo, black skipjack), billfish (marlin and swordfish) | 1239 artisanal and sport vessels (in 2011) | none provided | not applicable | EEZ | none provided | none provided | N/I |
| | | | | | | | |
| **Chile** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| Chilean jack mackerel | Artisanal Handline | 605 | not applicable | All year; Chilean province XV to X Regions (0-5 nm (artisanal fishing)) | Unlikely interaction with handline | none provided | N/I |
| Humboldt squid | Artisanal Squid jig | 1622 | not applicable | All year; IV to X Regions (25 nm) | none provided | none provided | A/G |
| Picoroco (Austromegabalanus psittacus) | Manual extraction Diving | 0 | not applicable | All year; Chilean Provinces XV to XII Regions (Intertidal and subtidal zone) | none provided | none provided | A/G |
| algae spp. (Lessonia berteroana/Lessonia spicata) | Manual extraction Diving | 161 | not applicable | All year; Chilean Provinces XV to XII Regions (Intertidal zone) | none provided | none provided | A/G |
| algae spp. (Chondracanthus chamissoi) | Manual extraction Diving | 850 | not applicable | All year; Chilean Provinces XV to XII Regions (Intertidal and subtidal zone) | none provided | none provided | A/G |
| Cochayuyo (Durvillaea Antarctica) | Manual extraction Diving | 895 | not applicable | closed fishing season); Chilean Provinces IV to XII Regions (Intertidal | none provided | none provided | A/G |
| giant kelp (Macrocystis pyrifera) | Manual extraction Diving | 257 | not applicable | All year (except the closed fishing season); Chilean Provinces XV to XII Regions (Subtidal zone) | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| algae spp. (Mazzaella laminarioides) | Manual extraction Diving | 1035 | not applicable | All year; Chilean Provinces IV to XII Regions (Intertidal zone) | none provided | none provided | A/G |
| algae spp. (Mazzaella membranacea) | Manual extraction Diving | 74 | not applicable | All year; Chilean Provinces V to XII Regions (Coast and internal waters) | none provided | none provided | A/G |
| algae spp. (Sarcothalia crispata) | Manual extraction Diving | 1066 | not applicable | All year; Chilean Provinces V to XII Regions (Coast and internal waters) | none provided | none provided | A/G |
| algae spp. (Gigartina skottsbergi) | Manual extraction Diving | 919 | not applicable | All year (exept the closed fishing season); Chilean Provinces XIV to XII Regions (Intertidal and subtidal zone, until 15 m deep) | none provided | none provided | A/G |
| red algae spp. (Gracilaria spp.) | Manual extraction Diving | 1088 | not applicable | All year; Chilean Provinces IV to X Regions (Intertidal and subtidal zone, until 25 m deep) | none provided | none provided | A/G |
| Venus clams | Manual extraction Diving | 0 | not applicable | All year; Chilean Provinces XV to XII Regions (Intertidal and subtidal zone) | none provided | none provided | A/G |
| clam spp. (Protothaca thaca) | Manual extraction Diving | 0 | not applicable | All year; Chilean Provinces XV to XII Regions (Intertidal and subtidal zone) | none provided | none provided | A/G |
| snail spp. (Thais chocolata) | Manual extraction Diving | 0 | not applicable | All year (except the closed fishing season); Chilean Provinces XV to V Regions (Intertidal and subtidal zone, until 53 m deep) | none provided | none provided | A/G |
| snail spp. (Argobuccinum spp.) | Manual extraction Diving | 0 | not applicable | All year; Chilean Provinces IV to XII Regions (Subtidal zone, until 200 m deep) | none provided | none provided | A/G |
| sea snail spp. (Adelomelon ancilla) | Manual extraction Diving | 0 | not applicable | All year; Chilean Provinces X to XII Regions (Subtidal zone, until 200 m deep) | none provided | none provided | A/G |
| snail spp. (Xantochorus cassidiformis) | Manual extraction Diving | 0 | not applicable | All year; Chilean Provinces XV to X Regions (Subtidal zone) | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| snail spp. (Trophon geversianus) | Manual extraction Diving | 0 | not applicable | All year (except the closed fishing season); Chilean Provinces X to XII Regions (Intertidal and subtidal zone, until 100 m deep) | none provided | none provided | A/G |
| snail spp. (Chorus giganteus) | Manual extraction Diving | 0 | not applicable | All year (except the closed fishing season); Chilean Provinces XV to | none provided | none provided | A/G |
| Chilean blue mussel | Manual extraction Diving | 0 | not applicable | All year (except the closed fishing season); Chilean Provinces XV to XII Regions (Coast and internal waters) | none provided | none provided | A/G |
| clam spp. (Gari solida) | Manual extraction Diving | 0 | not applicable | All year; Chilean Provinces XV to XII Regions (Subtidal zone) | none provided | none provided | A/G |
| Chilean sea urchin | Manual extraction Diving | 0 | not applicable | All year (except the closed fishing season); Chilean Provinces XV to XII Regions (Coast and internal waters) | none provided | none provided | A/G |
| clam spp. (Tawera gayi) | Manual extraction Diving | 0 | not applicable | All year; Chilean Provinces V to XII Regions (Subtidal zone) | none provided | none provided | A/G |
| limpet spp. (Fissurella spp.) | Manual extraction Diving | 0 | not applicable | All year; Chilean Provinces XV to XII Regions (Intertidal and subtidal zone) | none provided | none provided | A/G |
| Chilean abalone | Manual extraction Diving | 0 | not applicable | All year (except the closed fishing season); Chilean Provinces XV to XII Regions (Coast, until 50 m deep) | none provided | none provided | A/G |
| clam spp. (Mesodesma donacium) | Manual extraction Diving | 0 | not applicable | All year (except the closed fishing season); Chilean Provinces XV to X Regions (Intertidal and subtidal zone) | none provided | none provided | A/G |
| clam spp. (Ensis macha) | Manual extraction Diving | 0 | not applicable | closed fishing season); Chilean Provinces III to XII Regions (Subtidal | none provided | none provided | A/G |
| clam spp. (Tagelus dombeii) | Manual extraction Diving | 0 | not applicable | All year; Chilean Provinces XV to X Regions (Coast and internal waters, until 13 m deep) | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| scallop spp. (Chlamys vitrea) | Manual extraction Diving | 0 | not applicable | All year (except the closed fishing season); Chilean Provinces XII Region (Coast and internal waters, until 17 m deep) | none provided | none provided | A/G |
| sea cucumber spp. (Athyonidium chilensis) | Manual extraction Diving | 0 | not applicable | All year; Chilean Provinces XV to X Regions (Intertidal and subtidal zone) | none provided | none provided | A/G |
| Octopus (vulgaris, mimus spp.) | Manual extraction Diving | 318 | not applicable | All year (except the closed fishing season); Chilean Provinces XV to VIII Regions | none provided | none provided | A/G |
| southern red octopus (Enteroctopus megalocyathus) | Manual extraction Diving | 1177 | not applicable | All year (except the closed fishing season); Chilean Provinces XV to XII Regions (Subtidal zone) | none provided | none provided | A/G |
| clam spp. (Mulinia edulis) | Manual extraction Diving | 0 | not applicable | All year; Chilean Provinces XV to XII Regions (Subtidal zone) | none provided | none provided | A/G |
| clam spp. (Semele solida) | Manual extraction Diving | 0 | not applicable | All year; Chilean Provinces XV to X Regions (Subtidal zone) | none provided | none provided | A/G |
| red algae spp. (Gracilaria spp.) | Aquaculture/Planted directly on bottom or in suspended ropes | 587 farms/510 participants | none provided | Provinces:<br>II Antofagasta Region<br>III Atacama Region<br>IV Coquimbo Region<br>VIII Biobio Region<br>IX Araucania Region<br>XIV Los Rios Region<br>X Los Lagos Region<br>XI Aysen del General Carlos Ibañez del Campo Region | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| | | | | closed fishing season); Chilean Provinces: I Tarapaca Region III Atacama Region V Valparaiso Region VI Libertador General Bernardo O'Higgins Region VIII Biobio Region IX Araucania Region XIV Los Rios Region X Los Lagos Region XI Aysen del General Carlos Ibañez del Campo Region XII Magallanes and Antarctica Chilena Region | | | |
| Chilean blue mussel | Aquaculture/Long-lines | 1203 farms/687 participants | none provided | | none provided | none provided | N/I |
| Peruvian scallop | Aquaculture/Lantern-nets | 372 farms/243 participants | none provided | All year; Chilean Provinces: XV Arica and Parinacota Region I Tarapaca Region II Antofagasta Region III Atacama Region IV Coquimbo Region V Valparaiso Region VIII Biobio Region X Los Lagos Region XI Aysen del General Carlos Ibañez del Campo Region | none provided | none provided | N/I |
| red abalone | Aquaculture/ Floating rafts | 107 farms/78 participants | none provided | Chilean Provinces: III Atacama Region X Los Lagos Region | none provided | none provided | N/I |
| **Export Fisheries** | | | | | | | |
| icefish | industrial trawl, midwater | 1* | not applicable | South Georgia Island region (CCAMLR Subarea 48.3) | none documented | none provided | C/O, A/G |
| Anchoveta / Chilean silverside | Artisanal Purse seine | 76 | not applicable | XV-II Regions: 1 Mar-31 Dec; Chilean province (0-5 nm) XV to II Regions | southern sea lion | 2015: 0 | P, A/G |
| Anchoveta | Artisanal Purse seine | 43 | not applicable | Chilean province (0-5 nm) III to IV Regions | southern sea lion | 2015:0 | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Anchoveta | Artisanal Purse seine | 442 | not applicable | Jul and 5 Oct-30 Nov X Region: 15 Apr-15 Sep and 15 Oct-15 Mar | southern sea lion | 2014:0 2015:0 | P, A/G |
| Anchoveta / Chilean silverside | Industrial Purse seine | 58 | not applicable | XV-II Regions: 1 Mar-31 Dec Chilean province (1-200 nm) XV to II Regions | southern sea lion | 2015:0 | P, A/G |
| Anchoveta | Industrial Purse seine | 14 | not applicable | Chilean province (5-200 nm) III to IV Regions | southern sea lion | 2015:0 | P, A/G |
| Anchoveta | Industrial Purse seine | 28 | not applicable | Jul and 5 Oct-30 Nov X Region: 15 Apr-15 Sep and 15 Oct-15 Mar | southern sea lion | 2014:0 2015:0 | P, A/G |
| Chilean jack mackerel | Artisanal Purse seine | 605 | not applicable | All year; Chilean province XV to X Regions (0-5 nm (artisanal fishing)) | Southern sea lion | 2014:0 2015:0, 20 animals in 42 set 2 (18 captured) (region VII) | P, N/I |
| Chilean jack mackerel | Industrial Purse seine | 87 | not applicable | All year; XV to X Regions 5-200 nm and SPRFMO area (industrial fishing) | southern sea lion | 2014:0 2015:0 | P, A/G |
| herring | Artisanal Purse seine | 559 | not applicable | X Region: 15 Apr-15 Sep and 15 Oct-15 Mar V-XIV Regions: 9 Mar-31 | Southern sea lion | 2014:0 2015:0 | P, A/G |
| herring | Industrial Purse seine | 41 | not applicable | X Region: 15 Apr-15 Sep and 15 Oct-15 Mar V-XIV Regions: 9 Mar-31 | Southern sea lion | 2014:0 2015:5 | P, A/G |
| Patagonian toothfish | Artisanal Bottom longline | 181 | not applicable | 15 Feb-31 May and 2 Oct-31 Dec XV to XI Regions (North of 47° S) (Continental slope) | southern sea lion (artisanal fisheries) | none provided | P, A/G |
| Patagonian toothfish | Artisanal Bottom longline | 30 | not applicable | All year; XI Region (South of 47° S) to XII Region (Continental slope) | southern sea lion (artisanal fisheries) | none provided | P, A/G |
| Patagonian toothfish - Southern hake - Pink cusk eel | Industrial longline | 6 | not applicable | All year; XI Region (South of 47° S) to XII Region (Continental slope) | orca, sperm whale, Globicephala melas | 2013-2016: 0 | P, A/G |
| Patagonian toothfish | Industrial longline | 1 | not applicable | 16 Apr-14 Sep South Georgia Island region (Subarea 48.3 CCAMLR) | orca, sperm whale | | P, A/G |
| Patagonian toothfish | Industrial longline | 0 | not applicable | West Antarctica/Ross Sea region (Subarea 88.1 CCAMLR) | none provided | none provided | A/G |
| Patagonian toothfish | Industrial longline | 0 | not applicable | West Antarctica/Ross Sea region (Subarea 88.2 CCAMLR) | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| southern yellowtail amberjack | Artisanal Handline/Gillnet | 2161 | not applicable | All year; Archipelago of Juan Fernandez (12 nm) Estearn Island | none provided | none provided | A/G |
| southern yellowtail amberjack | Artisanal Handline/Gillnet | 2161 | not applicable | Dec-Feb; XV to V Regions (5nm) | none provided | none provided | A/G |
| swordfish, albacore, Mahi mahi | Artisanal Gillnet/Longline | 194 | not applicable | Mar - Dec; XV to VII Regions (Chilean continental EEZ, International waters, Archipelago of Juan Fernandez, San Félix y San Ambrosio Islands) | Arctocephalus philippii, Delphinus delphis, Globicephala macrorhyncus, Globicephala melas, Otaria byrona: reported in gillnet fishery for swordfish | 2011: 0<br>2012: 1<br>2013: 3<br>2014: 9<br>2015: 10 | P, A/G |
| swordfish, albacore, Mahi mahi | Industrial Longline | 2 | not applicable | Mar - Dec XV to VII Regions (Chilean continental EEZ, International waters, Archipelago of Juan Fernandez, San Félix y San Ambrosio Islands) | Arctocephalus philippii, Delphinus delphis, Globicephala macrorhyncus, Globicephala melas, Otaria byrona | 2011-2015: 0 | P, A/G |
| hake, corvina, snoek barracout | Artisanal Gillnet/longline | 1225 | not applicable | Oct-Aug IV to X Regions (25 nm) | southern sea lion | 2 (region V), 6 (region VIII) | P, A/G |
| Hake, Patagonian grenadier | Industrial Trawl (non factory) | 15 | not applicable | Oct-Aug IV to X Regions (25 nm) | southern sea lion | 2004: 12 (region VIII)<br>2013: 9<br>2014: 4<br>2015: 24 | P, A/G |
| Humboldt squid | Artisanal Purse seine | 35 | not applicable | IV to X Regions (25 nm) | none provided | none provided | A/G |
| Humboldt squid | Industrial Trawl | 37 | not applicable | All year; IV to X Regions (25 nm) | southern sea lion | 2013:0<br>2014:1<br>2015:0 | P, A/G |
| southern hake, pink cusk-eel | Artisanal Longline | 1547 | not applicable | Sep-Jul X to XII Regions (20nm) | Southern sea lion, arctocephalus australis | none provided | P, A/G |
| Southern hake, Patagonian grenadier, Southern rays, beam, Micromesistius australis, Seriolella spp, Pink cusk eel | Industrial Trawl (non factory vessels) | 2 | not applicable | Sept-Jul X to XII Regions (20nm) | South American fur seal, southern sea lion | 2013: 15<br>2014: 38<br>2015: 101 | P, A/G |
| Southern hake, Patagonian grenadier, Micromesistius australis, Seriolella spp. | Industrial Trawl (industrial factory vessels) | 4 | not applicable | Sept-Jul XI to XII Regions (20nm) | South American fur seal, southern sea lion | 2013: 47<br>2014: 5<br>2015: 12 | P, A/G |
| Southern Ray's Bream | Artisanal Gillnet | 856 | not applicable | All year; XI Region (30 nm) | none provided | none provided | A/G |
| Southern Ray's Bream | Artisanal Longline | 548 | not applicable | All year; XI Region (30 nm) | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Chilean Nylon Shrimp, lobster spp. (Cervimunida johni), lobster spp. (Pleuroncodes monodon) | Artisanal trawl, bottom | 37 | not applicable | Jan-Jul and Oct-Dec II to VIII Regions (20 nm) | none provided | none provided | A/G |
| Chilean Nylon Shrimp, lobster spp. (Cervimunida johni), lobster spp. (Pleuroncodes monodon) | Industrial trawl, bottom (non factory) | 27 | not applicable | Jan-Jul and Oct-Dec II to VIII Regions (20 nm) | southern sea lion | 2013: 1<br>2014: 0<br>2015: 1 | P, A/G |
| southern king crab | Artisanal Traps | 460 | not applicable | XIV-XI Regions: Mar-Nov (20 nm and internal waters) XIV to XII | Peale's dolphin | none provided | C/O, A/G |
| southern king crab | Traps (industrial vessel) | 1 | not applicable | XIV-XI Regions: Mar-Nov (20 nm and internal waters) XIV to XII | Peale's dolphin | none provided | C/O, A/G |
| false king crab (Paralomis granulosa) | Artisanal Traps | 73 | not applicable | XII Region (20 nm and internal waters) | Peale's dolphin | none provided | C/O, A/G |
| crab spp. (Lithodes spp.) | Artisanal Traps | 460 | not applicable | All year; XV to X Regions (30 nm) | Peale's dolphin | none provided | C/O, A/G |
| crab spp. (Cancer porteri) | Artisanal Traps | 5718 | not applicable | All year; XV to VIII Regions (20 nm and internal waters) | Peale's dolphin | none provided | C/O, A/G |
| crab spp. (Cancer edwardsi) | Artisanal Traps | 8659 | not applicable | All year; XV to XII Regions (20 nm and internal waters) | Peale's dolphin | none provided | C/O, A/G |
| crab spp. (Homalaspis plana) | Artisanal Traps | 8901 | not applicable | All year; XV to XII Regions (20 nm and internal waters) | Peale's dolphin | none provided | C/O, A/G |
| crab spp. (Cancer setosus) | Artisanal Traps | 8831 | not applicable | All year; XV to XII Regions (20 nm and internal waters) | Peale's dolphin | none provided | C/O, A/G |
| crab spp. (Ovalipes trimaculatus) | Artisanal Traps | 8725 | not applicable | All year; XV to XII Regions (20 nm and internal waters) | Peale's dolphin | none provided | C/O, A/G |
| Antarctic krill | Industrial trawl, midwater | 1 | not applicable | All year; Western Antarctic Peninsula region (CCAMLR Subarea 48.1) | none provided | none provided | A/G |
| Antarctic krill | Industrial trawl, midwater | 1 | not applicable | All year; South Orkney Island region (CCAMLR Subarea 48.2) | none provided | none provided | A/G |
| Antarctic krill | Industrial trawl, midwater | 1* | not applicable | South Georgia Island region (CCAMLR Subarea 48.3) | none provided | none provided | A/G |
| Juan Fernandez rock lobster (Jasus frontalis) | Artisanal Traps | 77 | not applicable | Oct-Dec Archipelago of Juan | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Atlantic salmon, coho salmon, rainbow trout | Aquaculture/Sea cages | 1361 farms/96 participants | none provided | Chilean Provinces: IX Araucania Region XIV Los Rios Region X Los Lagos Region XI Aysen del General Carlos Ibañez del Campo Region XII Magallanes and Antarctica Chilena Region | southern sea lion | 2004: 10 (region X) | P |
| **China** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| coral, shells, cuttlebone | Aquaculture/hand collection | None provided | None provided | None provided | None provided | None provided | |
| Scallops | Dredges - Hand dredges, Miscellaneous Gear, Traps | 0,000 scallop fisherm | Zoneco (formerly known as Zhangzidao) | Zhangzidao Island - North | None provided | None provided | N/I, A/G |
| Sea cucumber | (a) SCUBA diving, or (b) heavy-diving facilities | None provided | None provided | Northern part of China | None provided | None provided | N/I, A/G |
| **Export Fisheries** | | | | | | | |
| krill | trawl, midwater | 5 | Not applicable | Subarea 48.1 (Western Antarctic Peninsula) | None provided | None provided | A/G, C/O |
| krill | trawl, midwater | 4 | Not applicable | Subarea 48.2 (South Orkney Is.) | None provided | None provided | A/G, C/O |
| krill | trawl, midwater | 3 | Not applicable | Subarea 48.3 (South Georgia) | Antarctic fur seal, seals unspecified | 2016: 1 fur seal released, 2 unspecified seals killed | P, A/G, C/O |
| tuna, albacore, skipjack, yellowfin | longline | 374 | None provided | Eastern Tropical Pacific Ocean, Inter-American Tropical Tuna Commission Convention Area | None provided | None provided | A/G, N/I |
| tuna, albacore, skipjack, yellowfin, swordfish | longline | None provided | None provided | South Pacific | None provided | None provided | A/G, N/I |
| tuna, albacore, skipjack, yellowfin, swordfish | longline | None provided | None provided | North Pacific | None provided | None provided | A/G, N/I |
| tuna, albacore, skipjack, yellowfin, swordfish | longline | None provided | None provided | Indian Ocean | None provided | None provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| | | | | | striped dolphin, melon-headed whale, false killer whale | | |
| tuna, albacore, skipjack, yellowfin, bigeye | purse seine | 20 | None provided | Western Central Pacific Ocean, Western Central Pacific Fisheries Commission Convention Area | In 2015, 4 events reported to fisheries authority of China and the vessels involved were Zhong Tai no.1, Zhong Tai no.3 and Jin Hui no.6 -- dolphin, rough-toothed dolphin, bottlenose dolphin | striped dolphin--3 released alive, 9 dead; melon-headed whale 1 release alive; false killer whale--1 released alive | P, A/G |
| tuna, albacore, skipjack, yellowfin, bigeye | longline | 429 | None provided | Western Central Pacific Ocean, Western Central Pacific Fisheries Commission Convention Area | None provided | None provided | A/G, N/I |
| tuna, albacore, skipjack, yellowfin, swordfish | longline | 43 | None provided | Atlantic Ocean International Convention for the Conservation of Atlantic Tuna Convention area | None provided | None provided | A/G, N/I |
| Tuna: yellowfin, bigeye, albacore | longline | 110 (2004 number) | None provided | Fiji, Marshall Islands, FSM, Tonga, and Palau | None provided | None provided | A/G, N/I |
| squid | jigger | 456 | None provided | East coast of North Korea | None provided | None provided | A/G, N/I |
| **Export Fisheries with No Information** | | | | | | | |
| Abalone, including pink abalone | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Abalone, including pink abalone | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| Anchovy, including tapertail anchovy | Stow net | None provided | None provided | None provided | None provided | None provided | N/I |
| Anchovy, including tapertail anchovy | trawl | None provided | None provided | None provided | None provided | None provided | N/I |
| Barramundi | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| bonito | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| butterfish | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| capelin | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| caviar | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Caviar, including sturgeon eggs | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Clams, including: Common orient clam, razor, baby clams, mixed clams, ark shell clam | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Clams, including: Common orient clam, razor, baby clams, mixed clams, ark shell clam | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| Conch | None provided | None provided | None provided | None provided | None provided | None provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Crab: Dungeness crab | Coastal fish pot, gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: gazami crab | Coastal fish pot, gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: giant mud crab | Coastal fish pot, gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: hairy crab | Coastal fish pot, gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: King crab | Coastal fish pot, gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: marine crab | Coastal fish pot, gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: snow crab | Coastal fish pot, gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: swimming crab (Callinectes + Portunidae) | Coastal fish pot, gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: Taihu crab | Coastal fish pot, gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| crustaceans | Coastal fish pot, gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: Dungeness crab | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: gazami crab | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: giant mud crab | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: hairy crab | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: King crab | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: marine crab | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: snow crab | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: swimming crab (Callinectes + Portunidae) | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| Crab: Taihu crab | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| crustaceans | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| Cuttlefish | trawl | None provided | None provided | None provided | None provided | None provided | N/I |
| Cuttlefish | gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| Dolphinfish | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Eels: Japanese conger eel | demersal trawl, fixed traps, hooks, poles, pots | None provided | None provided | East China Sea | None provided | None provided | N/I |
| Eels: Japanese conger eel | Aquaculture | None provided | None provided | East China Sea | None provided | None provided | N/I |
| flatfish, flounder: stone flounder, starry flounder, barfin flounder, olive flounder | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| flatfish, halibut | gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| flatfish, halibut | stow net | None provided | None provided | None provided | None provided | None provided | N/I |
| flatfish, halibut | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| flatfish, plaice | gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| flatfish, sole | gillnet | None provided | None provided | None provided | None provided | None provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| flatfish, sole | trawl | None provided | None provided | None provided | None provided | None provided | N/I |
| flatfish, turbot: Greenland | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Flathead gray mullet | gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| Flathead gray mullet | longline | None provided | None provided | None provided | None provided | None provided | N/I |
| Flathead gray mullet | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| groundfish pollock | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| groundfish whiting | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| groundfish, cod | gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| groundfish, cod | set net | None provided | None provided | None provided | None provided | None provided | N/I |
| groundfish, cusk | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| groundfish, haddock | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| groundfish, hake | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| groundfish, ocean perch | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Grouper: banded grouper | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Herring | purse seine | None provided | None provided | None provided | None provided | None provided | N/I |
| Herring | pound net | None provided | None provided | None provided | None provided | None provided | N/I |
| Krill: Antarctic | None provided | None provided | None provided | EEZs of Mauritania and Russian Federation | None provided | None provided | N/I |
| Lobster: rock, homarus spp. | trawl, coastal pot | None provided | None provided | None provided | None provided | None provided | N/I |
| Mackerel: Atka mackerel, jack horse mackerel, spotted mackerel | purse seine | None provided | None provided | None provided | None provided | None provided | N/I |
| Mollusks | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Mollusks | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| monkfish | gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| Mussels | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| None provided | None provided | 1,037 | None provided | North Korea, Indonesia, Myanmar, Malaysia, Thailand, Bangladesh, and India | None provided | None provided | N/I |
| None provided | None provided | 133 | None provided | Indonesia | None provided | None provided | N/I |
| None provided | None provided | 76 | None provided | Guinea | None provided | None provided | N/I |
| None provided | None provided | 72 | None provided | Myanmar | None provided | None provided | N/I |
| None provided | None provided | 65 | None provided | Morocco | None provided | None provided | N/I |
| None provided | None provided | None provided | Hon Done Pelagic Fis | Mauritania | None provided | None provided | N/I |
| Octopus: Shortarm octopus, whiparm octopus (Octopus variabilis) | trawl, bottomers | None provided | None provided | None provided | None provided | None provided | N/I |
| Octopus: Shortarm octopus, whiparm octopus (Octopus variabilis) | Longline | None provided | None provided | None provided | None provided | None provided | N/I |
| orange roughy | None provided | None provided | None provided | None provided | None provided | None provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Oyster | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Salmon: Atlantic, pink, chum, Pacific | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| sauger | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Scallops | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| Sea cucumber | Aquaculture | None provided | None provided | None provided | None provided | None provided | N/I |
| Sea urchin | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Seaweed | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Shad | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| shark | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Shellfish | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Shrimp: mantis shrimp, giant tiger prawn, Kuruma prawn, whiteleg shrimp | Gillnet | None provided | None provided | None provided | None provided | None provided | N/I |
| Shrimp: mantis shrimp, giant tiger prawn, Kuruma prawn, whiteleg shrimp | Stow net | None provided | None provided | None provided | None provided | None provided | N/I |
| Smelts | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| snapper (lutjanidae spp.) | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Sponge | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| squid, including jumbo squid | jigger | None provided | None provided | North Pacific c, Southeast Pacific c, and Southwest Atlantic. | None provided | None provided | N/I |
| squid, including jumbo squid | trawl | None provided | None provided | None provided | None provided | None provided | N/I |
| Sturgeon | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| swordfish | longline | None provided | None provided | None provided | None provided | None provided | N/I |
| toothfish | pot | None provided | None provided | None provided | None provided | None provided | N/I |
| toothfish | longline | None provided | None provided | None provided | None provided | None provided | N/I |
| tuna | None provided | 17 | None provided | Cook Islands | None provided | None provided | N/I |

## Taiwan/Taipei

### Exempt Fisheries

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| squid | jig | 82 | Not applicable | Southwest of Atlantic Ocean (February to May); East Pacific Ocean (whole year) | none provided | none provided | |
| saury | jig | 82 | Not applicable | Northwest Pacific Ocean (August to November) | none provided | none provided | |
| coral, shells, cuttlebone | hand collection | none provided | none provided | Taiwan waters | none provided | none provided | |

### Export Fisheries

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| tuna - albacore, big eye, yellowfin, dolphinfish | Longline (large scale) | 73 | Not applicable | Western Central Pacific Fisheries Commission Convention Area | false killer whale, unidentified dolphins, unidentified whales | 8, 27, 4 | P, A/G |
| tuna - yellowfin, billfish, swordfish, big eye, dolphinfish | Longline (small scale) | 1275 | Not applicable | Western Central Pacific Fisheries Commission Convention Area | false killer whale, unidentified dolphins, unidentified whales | 8, 27, 4 | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna - skipjack, yellowfin, big eye | Purse seine | 34 | Not applicable | Western Central Pacific Fisheries Commission Convention Area (primarily EEZs of PICs) | unidentified dolphins | 23 (2014) | P, A/G |
| tuna | Longline | none provided | Not applicable | Inter-American Tropical Tuna Commission Convention Area | none provided | none provided | A/G |
| tuna | Longline | none provided | Not applicable | Indian Ocean Tuna Commission Convention Area | none provided | none provided | A/G |
| tuna, billfish, dolphin fish, shark, marine fish | Longline | 1,041 | Not applicable | Pacific Ocean | cetaceans | 26 (2015), 14 (2016) | P, A/G |
| tuna, billfish, dolphin fish, shark, marine fish | Longline | 1,041 | Not applicable | Indian Ocean | cetaceans | 1 (2015), 1 (2016) | P, A/G |
| tuna, billfish, dolphin fish, shark, marine fish | Longline | 1,041 | Not applicable | International Convention for the Conservation of Atlantic Tuna Convention Area | cetaceans | 2 (2015), 2 (2016) | P, A/G |
| squid | driftnet | none provided | Not applicable | none provided | Chinese white dolphin (northern and southern populations) | none provided | N/I, A/G |
| Mackerel, Jack/Horse Mackerel, bonito, seabass | Purse seine, Taiwanese seine | 254 | Not applicable | north and southwest waters of Taiwan | none provided | none provided | N/I, A/G |
| Mullet | Purse seine, Taiwanese seine | 254 | Not applicable | Taiwan waters | none provided | none provided | N/I, A/G |
| Mullet, marine fish, seabass | aquaculture | not applicable | none provided | Taiwan waters | none provided | none provided | N/I, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| none provided | gillnet (set and drift), trammel nets, trawl nets | none provided | Not applicable | eastern Taiwan Strait | Indo-Pacific humpback dolphin (Sousa chinensis) | 1 (2009) | P, C/O, N/I |
| none provided | set traps and stow nets | none provided | Not applicable | Taiwan nearshore | small coastal cetaceans | none provided | P, C/O, N/I |
| none provided | Taiwanese net fishery | none provided | Not applicable | FAO Area 71 | Irrawaddy dolphin | 2 (1980s) | P, C/O, N/I |
| none provided | gillnet, purse seine | none provided | Not applicable | FAO Area 71 | spotted dolphin | 560 (1974-1986) | P, C/O, N/I |
| none provided | pelagic gillnet/driftnet, purse seine | none provided | Not applicable | FAO Area 71, Northern Australia | false-killer whale, spinner dolphins | 11 false-killer whales: 1000 spinner dolphins/yr. by purse seine and 20/yr. by gillnet | P, C/O, N/I |
| none provided | driftnet | none provided | none provided | Indonesian waters - Arafura Sea & Timor Seas | bottled nosed, spinner, Irrawaddy dolphins | 8400 bottlenose (1974-1986) | P, C/O, N/I |
| none provided | trawl | none provided | Not applicable | none provided | none provided | none provided | N/I |

## Colombia

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Export Fisheries** | | | | | | | |
| groundfish, dolphinfish, snapper, grouper, sawfish, wreckfish, mackerel | gillnet | 38 | Not applicable | Pacific Economic Zone, Colombian Caribbean and insular areas of San Andrés, Providencia and Santa Pacific Economic Zone, Colombian Caribbean and insular areas of San Andrés, Providencia and Santa | None provided, Pygmy sperm whale, Tucuxi, bottlenose dolphins, Risso's dolphin, spotted dolphins | None provided | A/G, N/I |
| groundfish, dolphinfish, snapper, grouper, sawfish, wreckfish, mackerel, swordfish | longline | 38 | Not applicable | Pacific Economic Zone, Colombian Caribbean and insular areas of San Andrés, Providencia and Santa Pacific Economic Zone, Colombian Caribbean and insular areas of San Andrés, Providencia and Santa | None provided | None provided | A/G, N/I |
| shrimp (deep-water) | trawl | 178 | Not applicable | EEZ of Colombia | None provided | None provided | A/G, N/I |
| shrimp (shallow, white, pink, and chocolate) | trawl | 73 | Not applicable | Shallow waters up to 40 fathoms of depth and deep up to 120 fathoms in the exclusive Economic Zone in the Pacific and Caribbean | bottlenose dolphins | None provided | P, A/G, N/I |
| Tuna, yellowfin, bigeye, skipjack | purse seine | 2 - 48 | Not applicable | Eastern Tropical Pacific | Offshore spotted dolphin, Northeastern Western-southern Spinner dolphin, Eastern and Whitebelly, Common dolphin, northern, central, southern | None provided | P, C/O, A/G |
| Tuna, albacore | longline | none provided | Not applicable | western central and southwest Atlantic | None provided | None provided | N/I, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| conch | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| crab, lobster | pot, trap | None provided | None provided | None provided | None provided | None provided | N/I |
| molluscs | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| sea cucumbers | None provided | None provided | None provided | None provided | None provided | None provided | N/I |

## Cook Islands

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Exempt Fisheries** | | | | | | | |
| Clam | aquaculture | not applicable | none provided | Cook Islands EEZ | None documented | None documented | |
| **Export Fisheries** | | | | | | | |
| Alfonsino / Orange Roughy | trawl | 2 | not applicable | Southern Indian Ocean | whales present in area, species not provided | None documented | A/G, C/O |
| tuna (bigeye, yellowfin, albacore), swordfish | longline | 9 | not applicable | Cook Islands EEZ | Pilot Whale, Spinner Dolphin, Risso's Dolphin, Bottlenose Dolphin (4 interactions 2010-2015) | None documented | P, A/G |
| Tuna, skipjack | purse seine | 20 | not applicable | Cook Islands EEZ | None provided | None provided | N/I, A/G |
| | | | | | | | |
| | | | | **Costa Rica** | | | |
| **Exempt Fisheries** | | | | | | | |
| Salmon, Atlantic | aquaculture | none provided | Not applicable | none provided | Not applicable | Not applicable | |
| Squid | pointer | 150 | Not applicable | Eastern Tropical Pacific | None provided | None provided | A/G |
| Crab, lobster, rock | pots | 432 | Not applicable | Eastern Tropical Pacific | None provided | None provided | A/G |
| Snapper | Aquaculture | 14 marine aquaculture cages | MARTEC, FRUMAR | Eastern Tropical Pacific | None provided | None provided | A/G |
| **Export Fisheries** | | | | | | | |
| Dolphinfish | longline | 350 | Not applicable | Eastern Tropical Pacific | None provided | None provided | A/G |
| Dolphinfish | longline | 350 | Not applicable | Tropical Atlantic | None provided | None provided | A/G |
| Eels, flatfish, sole, bonito | line | 939 | Not applicable | Eastern Tropical Pacific | None provided | None provided | A/G |
| Grouper | line | 2081 | Not applicable | Eastern Tropical Pacific | None provided | None provided | A/G |
| Grouper, mackerel (atka, jack, horse) | gillnet | 2081 | Not applicable | Eastern Tropical Pacific | None provided | None provided | A/G |
| Lobster, rock | gillnet | 432 | Not applicable | Eastern Tropical Pacific | None provided | None provided | A/G |
| Sardine | purse seine | 2 | Not applicable | Eastern Tropical Pacific | None provided | None provided | A/G |
| Shark, swordfish | longline | 293 | Not applicable | Eastern Tropical Pacific | None provided | None provided | A/G |
| Shark, swordfish | longline | 293 | Not applicable | Tropical Atlantic | None provided | None provided | A/G |
| Snapper | line | 200 vessels | Not applicable | Eastern Tropical Pacific | None provided | None provided | A/G |
| Snapper | gillnet | 200 vessels | Not applicable | Eastern Tropical Pacific | None provided | None provided | A/G |
| Tuna, yellowfin, bigeye, marlin | longline | 353 long line vessels | Not applicable | Eastern Tropical Pacific, Inter-American Tropical Tuna Commission Convention Area | None provided | None provided | A/G |
| Tuna, yellowfin, bigeye | Purse seines | none provided | Not applicable | Eastern Tropical Pacific, Inter-American Tropical Tuna Commission Convention Area | None provided | None provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Groundfish | longline | 66 | Not applicable | Eastern Tropical Pacific | none provided | none provided | A/G |
| Shrimp | trawl | 202 vessels | Not applicable | Eastern Tropical Pacific | None provided | None provided | A/G |
| Shrimp | trawl | 202 vessels | Not applicable | South Atlantic | None provided | None provided | A/G |
| Shrimp | gillnet | 202 vessels | Not applicable | Eastern Tropical Pacific | None provided | None provided | A/G |
| Shrimp | gillnet | 202 vessels | Not applicable | South Atlantic | None provided | None provided | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Marine Fish (Croaker, Seabass) | none provided | none provided | Not applicable | none provided | none provided | none provided | N/I |
| | | | | | | | |
| **Croatia** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| Tuna (bluefin) | aquaculture | none provided | none provided | none provided | none provided | none provided | N/I |
| mussel and oyster | marine aquaculture | not applicable | none provided | none provided | none provided | none provided | N/I |
| finfish (seabass, seabream, turbot, meagre, dentex) | marine aquaculture | not applicable | none provided | none provided | none provided | none provided | N/I |
| **Export Fisheries** | | | | | | | |
| tuna (albacore, yellowfin, bluefin - Atlantic and Pacific) | Purse Seine | 157 vessels, 46 of which are large scale | none provided | Mediterranean | none provided | none provided | N/I, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| caviar | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| mackerel (jack, horse) | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sardine | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sponge | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| none provided | gillnet | none provided | not applicable | none provided | odontocete cetacean | at least 1 between 1990 and 2011 | N/I, P, C/O, A/G |
| | | | | | | | |
| **Cyprus** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| European seabass | aquaculture (cages) | 5 | PolarCirkel, Dunlop, Bridgestone, FarmOcean, others | Eastern Mediterranean Sea, Levant area (FAO division 37.3.2) | None documented | None documented | A/G |
| Gilthead seabream | aquaculture (cages) | 5 | PolarCirkel, Dunlop, Bridgestone, FarmOcean, others | Eastern Mediterranean Sea, Levant area (FAO division 37.3.2) | None documented | None documented | A/G |
| **Export Fisheries** | | | | | | | |
| Atlantic bluefin tuna | longline | 16 | not applicable | Eastern Mediterranean Sea, Levant area (FAO division 37.3.2) | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| swordfish | longline | 27 | not applicable | Eastern Mediterranean Sea, Levant area (FAO division 37.3.2) | none provided | none provided | A/G |
| | | | | | | | |
| **Denmark** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| Atlantic Cod | Hand and Pole-lines | 5 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O |
| Haddock, common sole, lumpfish | Hand and Pole-lines | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Herring | Hand and Pole-lines | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Mackerel (Atlantic) | Hand and Pole-lines | 7 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| North Deepwater Prawn | Hand and Pole-lines | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| **Export Fisheries** | | | | | | | |
| Atlantic Cod | Bottom Otter Trawl | 257 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Cod | Bottom Pair Trawl | 5 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O |
| Atlantic Cod | Danish Seine | 24 | not applicable | North Sea | marine mammal interactions indicated, species not provided | none documented | C/O |
| Atlantic Cod | Danish Seine | 24 | not applicable | Skagerrak | marine mammal interactions indicated, species not provided | none documented | C/O |
| Atlantic Cod | Drifting Lines | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | rarely | P, A/G |
| Atlantic Cod | gillnet | 152 | not applicable | North Sea | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Atlantic Cod | gillnet | 152 | not applicable | Skagerrak | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Atlantic Cod | longline | 11 | not applicable | Eastern Baltic east of Bornholm Island | marine mammal interactions indicated, species not provided | none documented | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Atlantic Cod | Pelagic Pair Trawl | 6 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, pilot whale | occasionally | P, A/G |
| Atlantic Cod | Pound-Nets | 21 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, common seal, humpback whale | rarely | P, A/G |
| Atlantic Cod | Purse Seine | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Cod | gillnet, sets | 70 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Atlantic Cod | troll | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Cod | Trawl | none provided | not applicable | Skagerrak | none provided | none provided | C/O, A/G |
| Atlantic Cod | Trawl | none provided | not applicable | Eastern Baltic east of Bornholm Island | none provided | none provided | C/O, A/G |
| Atlantic Cod, common sole | Trawl | 32 | not applicable | North Sea | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic cod, Common Sole, lumpfish | Boat Dredges | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic cod, Common Sole, lumpfish, turbot | Traps/pots | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, common seal | rarely | P, A/G |
| Atlantic cod, Common Sole, turbot, lumpfish | Combined gillnet-trammel nets | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Atlantic Cod, haddock | Set Lines | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | rarely | P, A/G |
| Atlantic Cod, haddock, common Sole, turbot | trawl, bottom | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Cod, haddock, common sole, turbot, lumpfish | Twin Trawl | 4 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Cod, haddock, lumpfish, common sole, turbot | Pelagic Otter Trawl | 13 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, pilot whale | occasionally | P, A/G |
| Atlantic Cod, haddock, turbot | Scottish Seines | 7 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Cod, turbot | Beam Trawl | 4 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Atlantic Cod, turbot | Trammel nets | 71 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally | P, A/G |
| Atlantic Cod, turbot, lumpfish | Drift Nets | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | none provided, harbor porpoise mortality in the thousands | P, A/G |
| Haddock | Danish Seine | 17 | not applicable | North Sea | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Haddock | Danish Seine | 18 | not applicable | Skagerrak | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Haddock | Danish Seine | 19 | not applicable | Kattegat | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Haddock | gillnet | 11 | not applicable | North Sea | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Haddock | gillnet | 11 | not applicable | Skagerrak | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Haddock | gillnet | 11 | not applicable | Kattegat | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Haddock | longline | 3 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Haddock | Pound-Nets | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, common seal | rarely | P, A/G |
| Haddock | Trammel nets | 11 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally | P, A/G |
| Haddock | trawl | none provided | not applicable | North Sea | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Haddock | trawl | none provided | not applicable | Skagerrak | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Haddock | trawl | none provided | not applicable | Kattegat | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Haddock, Common sole, lumpfish | Beam Trawl | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Haddock, Common Sole, lumpfish | Bottom Pair Trawl | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Haddock, Common Sole, turbot | Bottom Otter Trawl | 168 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Haddock, lumpfish | gillnet, sets | 15 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Haddock, turbot | Trawl | 25 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Common Sole | Danish Seine | 6 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Common Sole | Pound-Nets | 4 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, common seal | rarely | P, A/G |
| Common Sole | Trammel nets | 48 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally | P, A/G |
| Common Sole, lumpfish | Scottish Seines | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Common Sole, turbot | gillnet | 79 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Common Sole, turbot | longline | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Common Sole, turbot | Pelagic Pair Trawl | 3 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, pilot whale | occasionally | P, A/G |
| Common Sole, turbot | gillnet, sets | 49 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally | P, A/G |
| Turbot | Bottom Pair Trawl | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Turbot | Danish Seine | 12 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Turbot | Pound-Nets | 14 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, common seal | rarely | P, A/G |
| Greenland Halibut | Bottom Otter Trawl | 5 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Greenland Halibut | Danish Seine | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Greenland Halibut | gillnet | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally | P, A/G |
| Greenland Halibut | Trammel nets | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Greenland Halibut, lumpfish | Trawl | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Lumpfish | Bottom Otter Trawl | 33 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Lumpfish | Danish Seine | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Lumpfish | gillnet | 64 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Lumpfish | Pound-Nets | 8 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, common seal | rarely | P, A/G |
| Lumpfish | Trammel nets | 28 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally | P, A/G |
| Atlantic Herring | Bottom Pair Trawl | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Herring | Drift Nets | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally | P, A/G |
| Atlantic Herring | gillnet | 8 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Atlantic Herring | Pelagic Pair Trawl | 22 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, pilot whale | rarely | P, A/G |
| Atlantic Herring | Pound-Nets | 23 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, common seal | occasionally | P, A/G |
| Atlantic Herring | gillnet, sets | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally | P, A/G |
| Atlantic Herring | Trammel nets | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally | P, A/G |
| Atlantic Herring | Traps/pots | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, common seal | occasionally | P, A/G |
| Atlantic Herring, sprat | Bottom Otter Trawl | 40 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Atlantic Herring, sprat | trawl, bottom | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Herring, sprat | Pelagic Otter Trawl | 55 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, pilot whale | occasionally | P, A/G |
| Atlantic Herring, sprat | Purse Seine | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Herring, sprat | Scottish Seines | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Herring, sprat | Trawl | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Sprat | Bottom Pair Trawl | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Sprat | Danish Seine | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Sprat | Pelagic Pair Trawl | 25 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, pilot whale | occasionally | P, A/G |
| Sprat | Pound-Nets | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, common seal | rarely | P, A/G |
| Mackerel (Atlantic, horse) | Pound-Nets | 7 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, common seal | rarely | P, A/G |
| Mackerel (Atlantic, horse) | Pelagic Otter Trawl | 41 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally | P, A/G |
| Mackerel (Atlantic, horse) | Pelagic Pair Trawl | 6 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, pilot whale | occasionally | P, A/G |
| Mackerel (Atlantic, horse) | Scottish Seines | 3 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Mackerel (Atlantic, horse) | gillnet, sets | 11 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Mackerel (Atlantic, horse) | Trawl | 5 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Mackerel (horse) | Beam Trawl | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Mackerel (horse) | Bottom Otter Trawl | 20 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Mackerel (horse) | Bottom Pair Trawl | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Mackerel (Atlantic) | Bottom Otter Trawl | 74 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Mackerel (Atlantic) | Combined gillnet-trammel nets | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Mackerel (Atlantic) | Danish Seine | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Mackerel (Atlantic) | Drift Nets | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | none provided, harbor porpoise mortality in the thousands | P, A/G |
| Mackerel (Atlantic) | Drifting Lines | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | rarely | P, A/G |
| Mackerel (Atlantic) | gillnet | 16 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Mackerel (Atlantic) | longline | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Mackerel (Atlantic) | Other Lines/Hooks | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Mackerel (Atlantic) | Purse Seine | 3 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Mackerel (Atlantic) | Trammel nets | 9 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally | P, A/G |
| Mackerel (Atlantic) | Traps/pots | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, common seal | rarely | P, A/G |
| Mackerel (Atlantic) | Troll | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Mackerel (Atlantic) | Twin Trawl | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| North Deepwater Prawn | Bottom Otter Trawl | 1 | not applicable | Northwest Atlantic Ocean (FAO zone 21) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| North Deepwater Prawn | Bottom Otter Trawl | 9 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| North Deepwater Prawn | Pelagic Otter Trawl | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally | P, A/G |
| North Deepwater Prawn | Trawl | 1 | not applicable | Northwest Atlantic Ocean (FAO zone 21) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| North Deepwater Prawn | Trawl | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Salmon | Bottom Otter Trawl | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Salmon | Danish Seine | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Salmon | Drifting Lines | 9 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | rarely | P, A/G |
| Atlantic Salmon | gillnet | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Atlantic Salmon | longline | 6 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Salmon | Pound-Nets | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | common seal | none documented | C/O, A/G |
| Atlantic Salmon | gillnet, sets | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Atlantic Salmon | Set Lines | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Atlantic Salmon | Trammel nets | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally | P, A/G |
| Brown (Sea) trout | Bottom Otter Trawl | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Brown (Sea) trout | Combined gillnet-trammel nets | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Brown (Sea) trout | Drifting Lines | 4 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | rarely | P, A/G |
| Brown (Sea) trout | gillnet | 11 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Brown (Sea) trout | longline | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Brown (Sea) trout | Pound-Nets | 10 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal, common seal | rarely | P, A/G |
| Brown (Sea) trout | Scottish Seines | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Brown (Sea) trout | gillnet, sets | 8 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally, harbor porpoise mortality in the thousands | P, A/G |
| Brown (Sea) trout | Trammel nets | 3 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise, harbor seal, gray seal | occasionally | P, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Atlantic Cod | AHB (unknown gear type) | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | N/I |
| Atlantic Cod | Other | 19 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | N/I |
| Atlantic Cod | Other Lines/Hooks | 3 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | N/I |
| Atlantic cod, Common Sole, lumpfish, turbot | Unknown | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none provided | N/I |
| Haddock | Other | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | N/I |
| Common Sole, turbot | Other | 6 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | N/I |
| Lumpfish | Other | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | N/I |
| Atlantic Herring, sprat | Other | 4 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | N/I |
| Atlantic Herring, sprat | Unknown | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | N/I |
| Mackerel (Atlantic) | KLM | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Mackerel (Atlantic) | Other | 1 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | N/I |
| Rainbow trout | aquaculture (seawater) | 19 | none provided | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | N/I |
| Brown (Sea) trout | Other | 2 | not applicable | Northeast Atlantic Ocean (FAO zone 27) | marine mammal interactions indicated, species not provided | none documented | N/I |
| blue mussel | aquaculture (lines) | 29 | none provided | Limfjorden | marine mammal interactions indicated, species not provided | none documented | N/I |
| oysters | aquaculture (lines) | 2 regions | none provided | North Denmark Region | none provided | none provided | N/I |
| oysters | aquaculture (lines) | 2 regions | none provided | Central Denmark Region | none provided | none provided | N/I |
| kelp | aquaculture (lines) | 1 region | none provided | Central Denmark Region | none provided | none provided | N/I |
| blue mussel | dredge | none provided | not applicable | Limfjorden | none provided | none provided | N/I |
| blue mussel | dredge | none provided | not applicable | Isefjord | none provided | none provided | N/I |
| blue mussel | dredge | none provided | not applicable | East coast Jylland | none provided | none provided | N/I |
| European oyster | dredge | none provided | not applicable | Limfjorden | none provided | none provided | N/I |
| clams | dredge | none provided | not applicable | Limfjorden | none provided | none provided | N/I |
| Norway lobster | trawl | none provided | not applicable | Skagerrak | none provided | none provided | N/I |
| Norway lobster | trawl | none provided | not applicable | Kattegat | none provided | none provided | N/I |
| hake | trawl | none provided | not applicable | North Sea | none provided | none provided | N/I |
| hake | trawl | none provided | not applicable | Skagerrak | none provided | none provided | N/I |
| hake | trawl | none provided | not applicable | Kattegat | none provided | none provided | N/I |
| hake | Danish Seine | none provided | not applicable | North Sea | none provided | none provided | N/I |
| hake | Danish Seine | none provided | not applicable | Skagerrak | none provided | none provided | N/I |
| hake | Danish Seine | none provided | not applicable | Kattegat | none provided | none provided | N/I |
| hake | gillnet | none provided | not applicable | North Sea | none provided | none provided | N/I |
| hake | gillnet | none provided | not applicable | Skagerrak | none provided | none provided | N/I |
| hake | gillnet | none provided | not applicable | Kattegat | none provided | none provided | N/I |
| pollock | trawl | none provided | not applicable | North Sea | none provided | none provided | N/I |
| pollock | trawl | none provided | not applicable | Skagerrak | none provided | none provided | N/I |
| pollock | Danish Seine | none provided | not applicable | North Sea | none provided | none provided | N/I |
| pollock | Danish Seine | none provided | not applicable | Skagerrak | none provided | none provided | N/I |
| pollock | gillnet | none provided | not applicable | North Sea | none provided | none provided | N/I |
| pollock | gillnet | none provided | not applicable | Skagerrak | none provided | none provided | N/I |
| flounder | trawl | none provided | not applicable | North Sea | none provided | none provided | N/I |
| flounder | Danish Seine | none provided | not applicable | North Sea | none provided | none provided | N/I |
| flounder | gillnet | none provided | not applicable | North Sea | none provided | none provided | N/I |
| flounder | trawl | none provided | not applicable | Skagerrak | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| flounder | Danish Seine | none provided | not applicable | Skagerrak | none provided | none provided | N/I |
| flounder | gillnet | none provided | not applicable | Skagerrak | none provided | none provided | N/I |
| whiting and blue whiting | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| cusk eel | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| ling cod and blue ling cod | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| megrim (flatfish) | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| smelt | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| monkfish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| halibut | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| little redfish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| skates | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| boarfish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| capelin | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| lemon sole | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| grenadier | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sand lance | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| rock lobster | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| snow crab | none provided | none provided | none provided | none provided | bowhead whale | 2 | N/I |
| cuttlefish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |

## Dominican Republic

### Exempt Fisheries

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Dolphinfish | Handline | None provided | Not applicable | Offshore San Pedro, Palmar de Ocoa, Salina, Barahona, Pedernales August through January | No information | No information | A/G |
| Lobster | trap, pot | 47<br>940 participants | Not applicable | Silver Bank, Navidad Bank, Montecristi, Dominican Republic EEZ July through February | None provided, Literature--humpback whales in the area | None provided | C/O |
| Pompano | Aquaculture | 1 farm | Not applicable | Las Salinas, Peravia province, Copellito Nagua | Not applicable | Not applicable | N/I |

### Export Fisheries

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Snapper | Longline | None provided | Not applicable | Offshore marine areas year round | No information | No information | A/G, N/I |

### Export Fisheries with No Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Crab | None provided | None provided | Not applicable | Mangroves May through November | No information | No information | N/I |
| Fish, shellfish | None provided | None provided | Not applicable | None provided | None provided | None provided | N/I |
| Marine fish | Multigear | 4,000<br>10,000 participants | Not applicable | None provided | None provided | None provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Sea Cucumber | None provided | None provided | Not applicable | None provided | None provided | None provided | N/I |
| | | | | | | | |
| **Ecuador** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| Tuna, yellowfin, bigeye, skipjack | pole and line | 4 | Not applicable | Eastern Tropical Pacific | None provided | None provided | N/I, A/G |
| tuna (yellowfin, bigeye, albacore, skipjack, dorado, wahoo, crevalle jack, black marlin) | purse seine | 114 | not applicable | High seas, central and western Pacific Ocean, Western Central Pacific Fisheries Commission area | none provided | none provided | A/G |
| tuna (skipjack, yellowfin), shark, snapper, grouper | pole and line | 6 | not applicable | continental EEZ | none provided | none provided | A/G |
| giant squid | jig | 36 | not applicable | July to October; continental and island EEZ and SPRFMO Convention Area | none provided | none provided | A/G |
| molluscs, crustaceans (mussels, shells, crab), octopus | hand collection | not applicable | not applicable | coastal waters | not applicable | not applicable | |
| sea cucumber, rock lobster, octopus | diving: harpoon and hooks, hand collection | not applicable | not applicable | continental EEZ | not applicable | not applicable | |
| **Export Fisheries** | | | | | | | |
| Tuna, yellowfin, bigeye, skipjack | purse seine | 53 | Not applicable | Eastern Tropical Pacific Ocean, Inter-American Tropical Tuna Commission Convention Area | Offshore spotted dolphin, Northeastern Western-southern Spinner dolphin, Eastern and Whitebelly, Common dolphin, northern, central, southern | None provided | N/I, C/O, A/G, P |
| Tuna, yellowfin, bigeye, skipjack | longline | 60 | Not applicable | Eastern Tropical Pacific Ocean, Inter-American Tropical Tuna Commission Convention Area | None provided | None provided | N/I, A/G |
| tuna (yellowfin, bigeye, albacore, skipjack, dorado, wahoo, crevalle jack, black marlin) | purse seine | 114 | not applicable | High seas, eastern Pacific Ocean, Inter-American Tropical Tuna Commission Convention Area | marine mammal interactions noted for region, species not provided | none provided | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| swordfish, black marlin, dorado, wahoo, escolar, shark | longline | 205 | not applicable | Exclusive Economic Zone (Continental and island) Inter-American Tropical Tuna Commission Convention Area | none provided | none provided | C/O, A/G |
| tuna, shark, snapper, grouper | longline | none provided | not applicable | Santa Elena Province | marine mammal interactions noted for region, species not provided | none documented | P, A/G |
| crevalle jack | purse seine | 20 | not applicable | continental EEZ | none provided | none provided | C/O, A/G |
| hake, pollock, whiting, smelt | trawl | 40 | not applicable | continental EEZ | none documented | none documented | C/O, A/G |
| shrimp | trawl | 38 | not applicable | continental EEZ, Gulf of Guayaquil | none documented | none documented | C/O, A/G |
| shrimp | purse seine | 38 | not applicable | continental EEZ, Gulf of Guayaquil | none documented | none documented | C/O, A/G |
| small pelagics (alewife, mackerel, bigscale anchovy, trunkfish, crevalle, jack, Atlantic round herring, anchovy, smelt) | purse seine | 256 | not applicable | continental EEZ | none provided | none provided | C/O, A/G |
| small pelagics (alewife, mackerel, bigscale anchovy, trunkfish, crevalle, jack, Atlantic round herring, anchovy) | gillnet | 256 | not applicable | continental EEZ | none provided | none provided | C/O, A/G |
| small pelagics (alewife, mackerel, bigscale anchovy, trunkfish, crevalle, jack, Atlantic round herring, anchovy) | trammel net | 256 | not applicable | continental EEZ | none provided | none provided | C/O, A/G |
| European eel | longline | 6 | not applicable | continental EEZ | none provided | none provided | C/O, A/G |
| red porgy, comber, sole | gillnet | 19637 | not applicable | continental EEZ | humpback whale, bottlenose dolphin, dusky dolphins, pygmy sperm whale, sperm whale | none provided | C/O, A/G |
| corvina, coronetfish, rock fish, catfish, ocean whitefish/tilefish | bottom longline | none provided | not applicable | continental EEZ | none provided | none provided | C/O, A/G |
| corvina, coronetfish, rock fish, catfish, ocean whitefish/tilefish | trawl | none provided | not applicable | continental EEZ | none provided | none provided | C/O, A/G |
| corvina, coronetfish, rock fish, catfish, ocean whitefish/tilefish | bottom gillnet | none provided | not applicable | continental EEZ | humpback whale, bottlenose dolphin, dusky dolphins, pygmy sperm whale, sperm whale | none provided | C/O, A/G |
| hake | purse seine | none provided | not applicable | continental EEZ | none provided | none provided | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| shrimp, crustaceans | gillnet, set | none provided | not applicable | continental EEZ, mouths of rivers | humpback whale, bottlenose dolphin, dusky dolphins, pygmy sperm whale, sperm whale | none provided | C/O, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| jellyfish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| salmon | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| | | | | | | | |
| | | | | **Egypt** | | | |
| **Exempt Fisheries** | | | | | | | |
| sea cucumbers | diving | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| **Export Fisheries** | | | | | | | |
| anchovy, herring, sardines | purse seine | Mediterranean coast - 238, Red Sea and adjacent gulfs - 83 | Not applicable | Mediterranean coast, Red sea and adjacent gulfs | None provided | None provided | N/I, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| crustaceans | None provided | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| molluscs | None provided | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| | | | | | | | |
| | | | | **El Salvador** | | | |
| **Exempt Fisheries** | | | | | | | |
| Tuna, yellowfin, bigeye, skipjack, snapper, grouper, swordfish, dolphinfish | pole and line | 1 | Not applicable | Eastern Tropical Pacific, Inter-American Tropical Tuna Commission Convention Area | None provided | None provided | A/G |
| Conch, lobster, crab, crustaceans | dive, trap/pot | Not provided | Not provided | None provided | None provided | None provided | A/G |
| **Export Fisheries** | | | | | | | |
| Tuna, yellowfin, bigeye, skipjack | purse seine | 4 | Not applicable | Eastern Atlantic Ocean, International Convention for the Conservation of Atlantic Tuna Convention Area | None provided | None provided | A/G |
| Tuna, yellowfin, bigeye, skipjack, snapper, grouper, swordfish, dolphinfish | longline | 8 | Not applicable | Eastern Tropical Pacific, Inter-American Tropical Tuna Convention Area | None provided | None provided | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Seabass | Not provided | Not provided | Not provided | None provided | None provided | None provided | N/I |
| Sardine, mackerel | Not provided | Not provided | Not provided | None provided | None provided | None provided | N/I |
| Groundfish, cod | Not provided | Not provided | Not provided | None provided | None provided | None provided | N/I |
| Shrimp | trawl | Not provided | Not provided | None provided | None provided | None provided | N/I |
| Flatfish (flounder) | Not provided | Not provided | Not provided | None provided | None provided | None provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Estonia** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| Redfish, cod, sardine, herring and others | trawl, otter | 1 | not applicable | Northwest Atlantic FAO Area 21 June through November | None Documented | None Documented | A, A/G |
| Argentine hake | trawl, otter | 1 | not applicable | Northwest Atlantic FAO Area 21 May through July | None Documented | None Documented | A, A/G |
| Prawn | trawl, otter | 1 | not applicable | Northwest Atlantic FAO Area 21 September through December | None Documented | None Documented | A, A/G |
| Greenland halibut | trawl, otter | 1 | not applicable | Northwest Atlantic FAO Area 21 January through February | None Documented | None Documented | A, A/G |
| Prawn | trawl, otter | 1 | not applicable | Northeast Atlantic FAO Area 27 May through December | None Documented | None Documented | A, A/G |
| Greenland halibut | trawl, otter | 1 | not applicable | Northeast Atlantic FAO Area 27 January through February | None Documented | None Documented | A, A/G |
| **Falkland Islands** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| Toothfish | Longline | 3 | Not applicable | Atlantic Southwest, FAO Area, 41.3 Falkland Island Conservation Zone Year round | None documented | None documented | A, A/G |
| Toothfish | Bottom longline | 6 | Not applicable | FAO Area 48.3 and 48.4 South Georgia and South Sandwich Islands Maritime Zone April through September | None documented | None documented | A, A/G |
| **Faroe Islands** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| scallops | dredge | 1 | P/F O.C.Joensen | Faroe Islands EFZ | None documented | None documented | A/G |
| **Export Fisheries** | | | | | | | |
| crab, snow | fish trap | 1 | Sp/f 7-9-13 | Svalbard zone | No Marine Mammal Interaction | None documented | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| flatfish, sole, plaice, halibut | trawl | 31 trawlers below 110 GRT | List to be provided | Faroe Islands EFZ | None documented | None documented | A/G |
| groundfish, cod, haddock, pollock | trawl, | 31 trawlers below 110 GRT, 33 trawlers above 110 GRT, 4 freezing trawlers | List to be provided | Faroe Islands EFZ, Iceland EEZ, Greenland EFZ, Norway EEZ, Russia EEZ (Barents Sea), Svalbard Area, NAFO Regulatory Area and NEAFC Regulatory Area | None documented | None documented | A/G |
| groundfish, cod, haddock, pollock | longline | 18 long line vessels | List to be provided | Faroe Islands EFZ, Iceland EEZ, Greenland EFZ, Norway EEZ, Russia EEZ (Barents Sea), Svalbard Area, NAFO Regulatory Area and NEAFC Regulatory Area | None provided | None provided | A/G |
| herring | mid-water trawl | 9 pelagic vessels | P/F Varðin Pelagic, P/F P.P.Faroe Pelagic, P/F Pelagos, P/F Northpelagic | Faroe Islands EFZ and NEAFC Regulatory Area | None documented | None documented | A/G |
| lobster, Norway | fish trap | 32 coastal fishing boats | Sp/f Nordurras | Faroe Islands EFZ | No Marine Mammal Interaction | None documented | A/G |
| mackerel | mid-water trawl | 9 pelagic vessels, 5 trawlers below 110 GRT, 33 trawlers above 110 GRT = Total 47 vessels | P/F Varðin Pelagic, P/F P.P.Faroe Pelagic, P/F Pelagos, P/F Northpelagic | Faroe Islands EFZ, EU area, Norway EEZ and NEAFC Regulatory Area | pilot whales | 0 - 2 | A/G |
| salmon, Atlantic | aquaculture | There are three aquaculture companies producing salmon in the Faroe Islands in 25 farming areas within the fjords and sounds of the Faroe Islands. | P/F Bakkafrost, P/F Luna (Hiddenfjord) and P/F Marine Harvest Faroes | There are 25 areas for salmon farming in the fjords and sounds of the Faroe Islands | Registered removal of grey seals, when they attempt to tear the nets | None provided | P |
| smelts - Greater Silver smelt | trawl | 6 | Sp/f Tavan | Faroe Islands EFZ | None documented | None documented | A/G |

## Federated States of Micronesia

**Exempt Fisheries**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| coral, cuttlebone, shells | diving, hand collection | None provided | None provided | None provided | None provided | None provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna (bigeye, yellowfin, bigeye) | purse seine | 12 | None provided | Kiribati, Western Central Pacific Fishery Commission Convention Area | None documented | None documented | A/G |
| **Export Fisheries** | | | | | | | |
| tuna (bigeye, yellowfin, bigeye), dolphinfish, swordfish | longline | 19 | None provided | Kiribati, Western Central Pacific Fishery Commission Convention Area | None provided | None provided | A/G |
| tuna (bigeye, yellowfin,) | longline | None provided | None provided | Northern Pacific | None provided | None provided | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| clam | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| | | | | | | | |
| | | | | **Fiji** | | | |
| **Exempt Fisheries** | | | | | | | |
| coral, trochus shells | hand collection | None provided | None provided | Fijian EEZ | None provided | None provided | N/I, A/G |
| molluscs | hand collection | None provided | None provided | Fijian EEZ | None provided | None provided | N/I, A/G |
| mussels | hand collection | None provided | None provided | Fijian EEZ | None provided | None provided | N/I, A/G |
| sea cucumbers | diving, hand collection | None provided | None provided | Fijian EEZ | None provided | None provided | N/I, A/G |
| snapper, grouper | handline | 5 | None provided | Fijian EEZ | None provided | None provided | N/I, A/G |
| **Export Fisheries** | | | | | | | |
| tuna, albacore, bigeye, yellowfin, swordfish, dolphinfish | longline | 102 - 121 | | Coral Sea; Fijian waters | pilot whales, false killer whales, melon headed whale | | P, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| bass | None provided | None provided | None provided | Fijian EEZ | None provided | None provided | N/I |
| flatfish, plaice | None provided | None provided | None provided | Fijian EEZ | None provided | None provided | N/I |
| groundfish, cod | None provided | None provided | None provided | Fijian EEZ | None provided | None provided | N/I |
| mackerel | None provided | None provided | None provided | Fijian EEZ | None provided | None provided | N/I |
| | | | | | | | |
| | | | | **Finland** | | | |
| **Exempt Fisheries** | | | | | | | |
| Baltic herring (*Clupea harengus membra* s) | trawl | About 70 | Not applicable | Main part of catch in northern Baltic Sea (sub-divisions 28, 29, 30, 31 and 32) | grey seals | none documented | C/O, A/G |
| rainbow trout (Oncorhynchus mykiss) and its eggs | marine aquaculture | not applicable | Aquaculture company | Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32) | grey and ringed seals | none documented | C/O |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| whitefish (Coregonus sp.) | marine aquaculture | not applicable | Aquaculture company | Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32) | grey and ringed seals | none documented | C/O |
| **Export Fisheries** | | | | | | | |
| Atlantic cod (Gadus morhua) | trawl | approx. 5 | Not applicable | Swedish, Danish and Polish EEZ of Baltic Main Basin (sub-divisions 24-26) | none | none | C/O, A/G |
| Atlantic cod | bottom-gillnet, sets | approx. 10 | Not applicable | Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29 and 32) | grey seals | none | A/G |
| Baltic herring (*Clupea harengus membra* s) and its eggs | trap nets and gillnet | Hundreds of small vessels | Not applicable | Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32) | grey and ringed seals | none documented | C/O, A/G |
| salmon (Salmo salar) | trap nets | approx. 250 small vessels | Not applicable | Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32) | greys seals and ringed seals | occasional | C/O, P, A/G |
| whitefish (Coregonus sp.) | trap nets and gillnet | Hundreds of small vessels | Not applicable | Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32) | grey and ringed seals | occasional in trapnets | C/O, P, A/G |
| perch (Perca fluviatilis) | trap nets and gillnet | Hundreds of small vessels | Not applicable | Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32) | grey and ringed seals | none documented | C/O, A/G |
| pikeperch (Stizostedion lucioperca) | trap nets and gillnet | Hundreds of small vessels | Not applicable | Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32) | grey and ringed seals | none documented | C/O, A/G |
| pike (Esox lucius) | trap nets and gillnet | Hundreds of small vessels | Not applicable | Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32) | grey and ringed seals | none documented | C/O, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| seaweed | none provided | none provided | none provided | northern Baltic Sea | none provided | none provided | N/I |

## France

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Exempt Fisheries** | | | | | | | |
| Atlantic cod | pole and line (métiers de l'hameçon) | 168 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O |
| Crab (brown crab) | pole and line (métiers de l'hameçon) | 43 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O |
| Atlantic mackerel | pole and line (métiers de l'hameçon) | 205 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O |
| Rockfish (redfish) | pole and line (métiers de l'hameçon) | 14 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O |
| Great scallop | pole and line (métiers de l'hameçon) | 17 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O |
| **Export Fisheries** | | | | | | | |
| icefish | trawl, midwater | 1 | Not applicable | Subarea 58.5.1 (Kerguelen Is.) | none documented | none documented | A/G |
| toothfish | longline | 1 | Not applicable | Subarea 58.4.3a | none documented | none documented | A/G |
| toothfish | longline | 8 | Not applicable | Subarea 58.5.1 (Kerguelen Is.) | sperm whale | 2007: 1 sperm whale killed | P, A/G |
| toothfish | trawl, bottom | 1 | Not applicable | Subarea 58.5.1 (Kerguelen Is.) | none documented | none documented | A/G |
| toothfish | longline | 8 | Not applicable | Subarea 58.6 (Crozet Is.) | none documented | none documented | A/G |
| Atlantic cod | trawl, demersal | 606 | Not applicable | Northeast Atlantic (FAO 27) | Phoca vitulina | 1 observations - mortality : 1 estimated | P, A/G |
| Atlantic cod | trawl, pelagic | 49 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Atlantic cod | nets | 456 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Atlantic cod | longline (métiers de l'hameçon) | 168 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O |
| Atlantic cod | purse seine | 1 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O |
| Crab (brown crab) | trawl, demersal | 330 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Crab (brown crab) | trawl, pelagic | 12 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| Crab (brown crab) | nets | 329 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| Crab (brown crab) | longline (métiers de l'hameçon) | 43 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O |
| Atlantic mackerel | trawl, demersal | 623 | Not applicable | Northeast Atlantic (FAO 27) | harbor porpoise | 1 harbor porpoise | P, A/G |
| Atlantic mackerel | trawl, demersal | 57 | Not applicable | Mediterranean and Black Sea (FAO 37) | harbor porpoise | 1 harbor porpoise | P, A/G |
| Atlantic mackerel | trawl, pelagic | 170 | Not applicable | Northeast Atlantic (FAO 27) | harbor porpoise | 1 harbor porpoise | P, A/G |
| Atlantic mackerel | trawl, pelagic | 7 | Not applicable | Mediterranean and Black Sea (FAO 37) | harbor porpoise | 1 harbor porpoise | P, A/G |
| Atlantic mackerel | nets | 368 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| Atlantic mackerel | nets | 75 | Not applicable | Mediterranean and Black Sea (FAO 37) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| Atlantic mackerel | longline (métiers de l'hameçon) | 205 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O |
| Atlantic mackerel | purse seine | 32 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O |
| European pilchard | trawl, demersal | 168 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| European pilchard | trawl, demersal | 44 | Not applicable | Mediterranean and Black Sea (FAO 37) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| European pilchard | trawl, pelagic | 71 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| European pilchard | trawl, pelagic | 8 | Not applicable | Mediterranean and Black Sea (FAO 37) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| European pilchard | nets | 35 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| European pilchard | purse seine | 32 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| European pilchard | purse seine | 31 | Not applicable | Mediterranean and Black Sea (FAO 37) | Marine mammal interactions indicated species not provided | None provided | C/O |
| Rockfish (redfish) | trawl, demersal | 52 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| Rockfish (redfish) | trawl, pelagic | 6 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| Rockfish (redfish) | longline (métiers de l'hameçon) | 14 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O |
| Great scallop | trawl, demersal | 203 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| Great scallop | trawl, pelagic | 12 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| Great scallop | nets | 42 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| Great scallop | longline (métiers de l'hameçon) | 17 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O |
| Tuna | trawl, demersal | 20 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| Tuna | trawl, pelagic | 46 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided Common Dolphin | None provided, 95 (3-287) | P, C/O, A/G |
| Tuna | nets | 22 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| Tuna | nets | 10 | Not applicable | Mediterranean and Black Sea (FAO 37) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| Tuna | longline | 20 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |
| Tuna | longline | 1 | Not applicable | Eastern Central Atlantic (FAO 34) | Marine mammal interactions indicated species not provided | 0 observations | C/O, A/G |
| Tuna | longline | 7 | Not applicable | Mediterranean and Black Sea (FAO 37) | Marine mammal interactions indicated species not provided | None provided | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Tuna | longline | 112 | Not applicable | Western Indian Ocean (FAO 51) | Delphinidae<br>Grampus griseus<br>Globicephala spp<br>Megaptera novaeangliae<br>Balaenoptera acutorostrata | 12 observations - mortality : 1 | P, A/G |
| Tuna | purse seine | 9 | Not applicable | Eastern Central Atlantic (FAO 34) | Marine mammal interactions indicated species not provided | None provided | P, A/G |
| Tuna | purse seine | 1 | Not applicable | Southwest Atlantic (FAO 41) | Marine mammal interactions indicated species not provided | None provided | P, A/G |
| Tuna | purse seine | 3 | Not applicable | Southeast Atlantic (FAO 47) | Marine mammal interactions indicated species not provided (Common Dolphin) | None provided, 315 | C/O, A/G |
| Tuna, swordfish | purse seine | 11 | Not applicable | Western Indian Ocean (FAO 51) | Mysticete (baleen whale) | 3 observations - mortality : 0 | P, A/G |
| monkfish | gillnet | None provided | Not applicable | North Sea, Irish Sea, Bay of Biscay (ICES areas IV, VII and VIII) | harbor porpoise | None provided | C/O, A/G |
| sole, monkfish, sea-bass | gillnet | None provided | Not applicable | North Sea, Irish Sea Channel, Northeast Atlantic (ICES areas IVe and VII, FAO area 27) | Harbor Porpoise<br>Pilot whale, Long-finned | 2, 1 | P, A/G |
| finfish, John dory, seabass | trawl | None provided | Not applicable | None provided | common dolphin | 6, 25 (1-83) | P, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Crab (brown crab) | other | 333 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | N/I, C/O |
| Atlantic mackerel | other | 307 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | N/I, C/O |
| Atlantic mackerel | other | 25 | Not applicable | Mediterranean and Black Sea (FAO 37) | Marine mammal interactions indicated species not provided | None provided | N/I, C/O |
| European pilchard | other | 45 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | N/I, C/O |
| European pilchard | other | 5 | Not applicable | Mediterranean and Black Sea (FAO 37) | Marine mammal interactions indicated species not provided | None provided | N/I, C/O |
| Great scallop | other | 586 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | N/I, C/O |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Tuna | other | 12 | Not applicable | Northeast Atlantic (FAO 27) | Marine mammal interactions indicated species not provided | None provided | N/I, C/O |
| Tuna | other | 18 | Not applicable | Western Indian Ocean (FAO 51) | Marine mammal interactions indicated species not provided | none provided | N/I, C/O |
| unknown | gillnet, trawl | no information | Not applicable | ICES 27.4b, 27.7.h | Gray seal, harbor seal | 4 | P, N/I |
| unknown | trawl | no information | Not applicable | ICES areas | harbor porpoise | 600 | P, A/G |
| unknown | gillnet | no information | Not applicable | no information | common dolphin, striped dolphin, pilot whales | 2000, 50-100 | P, A/G |
| unknown | gillnet | no information | Not applicable | ICES area VIII | Striped Dolphin, common dolphin short-beaked, harbor porpoise | 870, 1303, 300 | P, A/G |
| unknown | trammel nets | no information | Not applicable | ICES area VIII | Striped Dolphin, common dolphin short-beaked, harbor porpoise | 870, 1303, 300 | P, A/G |
| unknown | mid-water trawl | no information | Not applicable | Mediterranean | Striped Dolphin | 70 | P, A/G |
| unknown | no information | no information | Not applicable | NW Mediterranean, FAO area 37 | Striped Dolphin | 6 | P, C/O, N/I |
| seaweeds | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| anchovy, sardine | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| bonito | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| caviar | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| halibut | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| lobster | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| herring | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| salmon | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sea urchin roe | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| snails | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| turbot | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| anchovy, hake | trawl | no information | Not applicable | no information | Striped Dolphin | 4 | C/O, N/I |
| | | | | | | | |
| **French Polynesia** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| Coral, shells, cuttlebone, | Aquaculture | Not applicable | Not applicable | Lagoons and shallow inshore waters | None | None | |
| Jack and Horse Mackerel and Marine Fish | Handline/spear gun/fish traps | Not applicable | Not applicable | Lagoons and shallow inshore waters | None | None | A/G |
| Skipjack Tuna, multispecies (pelagic, bottom fish, reef fishes) | Pole-and-line/handline/troll | 443 | Not applicable | Coast near-shore French Polynesian EEZ | None | None | A/G |
| **Export Fisheries** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Albacore tuna (primary target), yellowfin tuna, skipjack tuna, bigeye tuna, bluefin tuna (not targeted) pacific blue marlin, swordfish, striped marlin and sailfish. | | 75 recorded on the WCPFC 60 active | Not applicable | FAO Statistical Area 77 Eastern Central Pacific | Marine mammals likely pilot whales | None reported in national report. Depredation no reported entanglement | C/O A/G |
| Albacore tuna (primary target), yellowfin tuna, skipjack tuna, bigeye tuna, bluefin tuna (not targeted) pacific blue marlin, swordfish, striped marlin and sailfish. | Longline | 14 | Not applicable | Eastern Tropical Pacific | Marine mammals likely pilot whales | None reported in national report. Depredation no reported entanglement | C/O A/G |
| | | | | | | | |
| **Gambia** | | | | | | | |
| **Export Fisheries** | | | | | | | |
| Groundfish (ocean perch) | purse seine | None provided | None provided | Atlantic Eastern Central, FAO Area 34, Mauritanian waters, Guinea Bissau waters, Guinean waters | None provided | None provided | N/I, A/G |
| Groundfish (ocean perch) | trawl | 2 Spain-Stern Trawler for Bottom trawl black hake fishery | None provided | Atlantic Eastern Central, FAO Area 34, Mauritanian waters, Guinea Bissau waters, Guinean waters | None provided | None provided | N/I, A/G |
| marine fish (Octopus, Cuttlefish, Squid, Dentex, Seabreams, shrimp, sardine) | purse seine | none provided, ,5 Spain-Stern Trawler Freezer for Bottom trawl black hake fishery | None provided | Atlantic Eastern Central, FAO Area 34, Mauritanian waters, Guinea Bissau waters, Guinean waters | None provided | None provided | N/I, A/G |
| marine fish (Octopus, Cuttlefish, Squid, Dentex, Seabreams, shrimp, hake) | trawl | 5 Spain-Stern Trawler Freezer for Bottom trawl black hake fishery | None provided | Atlantic Eastern Central, FAO Area 34, Mauritanian waters, Guinea Bissau waters, Guinean waters | None provided | None provided | N/I, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Wolffish | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Salmon | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| tuna (yellowfin) | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| | | | | | | | |
| **Germany** | | | | | | | |
| **Export Fisheries** | | | | | | | |
| Cod, saithe, haddock | trawl, otter | 4 | not applicable | January - March; June - August; Barents Sea (ICES 27.1) | ringed seal | < 1 observations | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Cod, saithe, haddock | trawl, otter | 4 | not applicable | January - March, June - August; Norwegian Sea, Spitzbergen, and Bear Island (ICES 27.2) | ringed seal | < 1 observations | P, A/G |
| Herring | trawl, pelagic | 1 | not applicable | August - November; Norwegian Sea, Spitzbergen, and Bear Island (ICES 27.2) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Brown shrimp | trawl, beam | 68 | not applicable | March - October; North Sea, German coast (ICES 27.4) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Mackerel, herring | trawl, pelagic | 2 | not applicable | Mackerel: January; Herring: June - August, December North Sea (ICES 27.4) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Mackerel, herring | trawl, pelagic | 2 | not applicable | Mackerel: January; Herring: June - August, December Eastern English Channel (ICES 27.7.d) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Cod, saithe | trawl, otter | 6 | not applicable | all year; North Sea (ICES 27.4) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Cod, saithe | trawl, otter | 6 | not applicable | all year; Skagerrak and Kattegat (ICES 27.3.a) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Plaice, sole | trawl, beam | 10 | not applicable | all year; North Sea (ICES 27.4) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Plaice | trawl, beam | 5 | not applicable | all year; North Sea (ICES 27.4) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Greenland halibut | trawl, beam | 2 | not applicable | (NAFO SA1) / Northwest Atlantic (FAO 21) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Greenland halibut | trawl, beam | 2 | not applicable | July - December NE coast of Newfoundland and Labrador (NAFO SA2) / Northwest Atlantic (FAO 21) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Mackerel, herring, blue whiting, horse mackerel | trawl, pelagic | 2 | not applicable | all year; Iceland and Faroes Grounds (ICES 27.5) | grey seal, short-beaked common dolphin, long-finned pilot whale, striped dolphin | < 3 observations | P, A/G |
| Mackerel, herring, blue whiting, horse mackerel | trawl, pelagic | 2 | not applicable | all year; Rockall, Northwest Coast of Scotland and North Ireland (ICES 27.6) | grey seal, short-beaked common dolphin, long-finned pilot whale, striped dolphin | < 3 observations | P, A/G |
| Mackerel, herring, blue whiting, horse mackerel | trawl, pelagic | 2 | not applicable | all year; Irish Sea, West of Ireland, Porcupine Bank, Eastern and Western English Channel (ICES 27.7) | grey seal, short-beaked common dolphin, long-finned pilot whale, striped dolphin | < 3 observations | P, A/G |
| Mackerel, herring, blue whiting, horse mackerel | trawl, pelagic | 2 | not applicable | all year; Bay of Biscay (ICES 27.8) | grey seal, short-beaked common dolphin, long-finned pilot whale, striped dolphin | < 3 observations | P, A/G |
| Mackerel, herring, blue whiting, horse mackerel | trawl, pelagic | 2 | not applicable | all year; East Greenland (ICES 27.14) | grey seal, short-beaked common dolphin, long-finned pilot whale, striped dolphin | < 3 observations | P, A/G |
| Greenland halibut | trawl, otter | 2 | not applicable | March - December; Iceland Grounds (ICES 27.5.a) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Greenland halibut | trawl, otter | 2 | not applicable | March - December; North of Azores (ICES 27.12) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Greenland halibut | trawl, otter | 2 | not applicable | March - December; East Greenland (ICES 27.14) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Redfish | trawl, otter | 1 | not applicable | Iceland Grounds (ICES 27.5.a) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Redfish | trawl, otter | 1 | not applicable | North of Azores (ICES 27.12) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Redfish | trawl, otter | 1 | not applicable | East Greenland (ICES 27.14) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Redfish | trawl, pelagic | 1 | not applicable | Iceland Grounds (ICES 27.5.a) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Redfish | trawl, pelagic | 1 | not applicable | North of Azores (ICES 27.12) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Redfish | trawl, pelagic | 1 | not applicable | East Greenland (ICES 27.14) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Chub mackerel, pilchard, horse mackerel | trawl, pelagic | 1 | not applicable | Eastern Central Atlantic (FAO 34) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Chilean jack mackerel | trawl, pelagic | 1 | not applicable | Southeast Pacific (FAO 87) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Herring, sprat | trawl, pelagic | 56 | not applicable | all year; Belt Sea (ICES 27.3.c) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Herring, sprat | trawl, pelagic | 56 | not applicable | all year; Baltic Sea (ICES 27.3.d) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Herring | set nets | 430 | not applicable | Jan- June; Belt Sea (ICES 27.3.c) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Herring | set nets | 430 | not applicable | Jan- June; Baltic Sea (ICES 27.3.d) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Cod, Flatfishes nei | set nets | 560 | not applicable | 27.3.c) | harbor porpoise | 10 | P, A/G |
| Cod, Flatfishes nei | set nets | 560 | not applicable | 27.3.d) | harbor porpoise | 10 | P, A/G |
| Cod, Flatfishes nei | trawl, bottom | 231 | not applicable | all year; Belt Sea (ICES 27.3.c) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| Cod, Flatfishes nei | trawl, bottom | 231 | not applicable | all year; Baltic Sea (ICES 27.3.d) | marine mammal interactions indicated, species not provided | none documented | C/O, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| none provided | trawl | none provided | not applicable | ICES 27.7b | gray seal | 13 | P, A/G |
| none provided | "fish pods" | none provided | not applicable | Baltic Sea | Harbor porpoise | 61 | P, A/G |
| salmon | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| caviar | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| tuna | trawler | none provided | none provided | Eastern Tropical Pacific | none provided | none provided | N/I |
| seaweed | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| | | | | | | | |
| **Ghana** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| tuna | baitboat | none provided | none provided | none provided | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna - yellowfin, skipjack, bigeye | hook & line | none provided | not applicable | Ghana EEZ | none provided | none provided | A/G |
| coral | hand collection | none provided | none provided | Ghana EEZ | none provided | none provided | |
| **Export Fisheries** | | | | | | | |
| grouper, grunts, snapper | trawl | none provided | not applicable | Ghana EEZ | rough-toothed dolphin, long-beaked form of common dolphin | none provided | P, A/G |
| herring, sardine, anchovies | Rotating net with slide, beach seine, purse seine with rotating net with slide | 300 artisanal fishing boats ( 8 to 18 m long, outboard engines from 20 to 45 HP), 14 rotating net with slide purse seiners | none provided | Ghana EEZ, Gulf of Guinea | none provided | none provided | A/G |
| mackerel | Rotating net with slide, beach seine, purse seine with rotating net with slide | 300 artisanal fishing boats ( 8 to 18 m long, outboard engines from 20 to 45 HP), 14 rotating net with slide purse seiners | none provided | Ghana EEZ | none provided | none provided | A/G |
| sea bream (Sparids), small pelagics | gillnet | none provided | not applicable | nearshore, Ghana EEZ | Atlantic humpback dolphins, Bryde's whales | none provided | P, A/G |
| shrimp (Southern Pink, Caramote prawn, Deep-water rose shrimp) | trawl, bottom | 20 Rear fishing trawlers - Shrimp is a bycatch, 4 Rear fishing trawlers targeting shrimp | none provided | Ghana EEZ | none provided | none provided | A/G |
| snail | none provided | none provided | none provided | Ghana EEZ | none provided | none provided | A/G |
| tuna | purse seine | 37, 17 of which are large scale | none provided | Western and South Atlantic | bottlenose dolphin | none provided | P, A/G |
| tuna, sharks, swordfish | longline | none provided | not applicable | Ghana EEZ | sperm whale, short-finned pilot whale, | none provided | C/O |
| tuna | purse seine | none provided | not applicable | not provided | pan-tropical spotted dolphin, Fraser's dolphin | none provided | C/O |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna | drift gillnet | none provided | not applicable | not provided | dwarf sperm whale, pygmy killer whale, Cuvier's beaked whale, short-finned pilot whale, false killer whale, melon-headed whale, Risso's dolphin, bottlenose dolphin, pantropical spotted dolphin, Atlantic spotted dolphin, spinner dolphin, Clymene dolphin, Fraser's dolphin, common dolphin, long-beaked common dolphin, rough-toothed dolphin | multiple | P, C/O |
| **Export Fisheries with No Information** | | | | | | | |
| crustaceans | none provided | none provided | none provided | Ghana EEZ | none provided | none provided | N/I |
| cuttlefish | none provided | none provided | not applicable | Ghana EEZ | none provided | none provided | N/I |
| | | | | | | | |
| | | | | **Greece** | | | |
| **Exempt Fisheries** | | | | | | | |
| bluefin tuna | handlines and pole and lines (mechanized) | 28 | Not applicable | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | A/G, N/I |
| bluefin tuna | handlines and pole and lines (mechanized) | 28 | Not applicable | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | A/G, N/I |
| bluefin tuna | handlines and pole and lines (mechanized) | 28 | Not applicable | Crete, Mediterranean (GSA 23) | none provided | none provided | A/G, N/I |
| albacore, mahi mahi | handlines and pole and lines (mechanized) | 456 | Not applicable | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | A/G, N/I |
| albacore, mahi mahi | handlines and pole and lines (mechanized) | 456 | Not applicable | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | A/G, N/I |
| albacore, mahi mahi | handlines and pole and lines (mechanized) | 456 | Not applicable | Crete, Mediterranean (GSA 23) | none provided | none provided | A/G, N/I |
| **Export Fisheries** | | | | | | | |
| anchovy, sardine | purse seine | 256 | Not applicable | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | A/G, N/I |
| anchovy, sardine | purse seine | 256 | Not applicable | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| anchovy, sardine | purse seine | 256 | Not applicable | Crete, Mediterranean (GSA 23) | none provided | none provided | A/G, N/I |
| Mackerel (Jack and Horse) | purse seine | none provided | Not applicable | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | A/G, N/I |
| Mackerel (Jack and Horse) | purse seine | none provided | Not applicable | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | A/G, N/I |
| Mackerel (Jack and Horse) | purse seine | none provided | Not applicable | Crete, Mediterranean (GSA 23) | none provided | none provided | A/G, N/I |
| Mackerel (Jack and Horse) | trawl, bottom | none provided | Not applicable | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | A/G, N/I |
| Mackerel (Jack and Horse) | trawl, bottom | none provided | Not applicable | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | A/G, N/I |
| Mackerel (Jack and Horse) | trawl, bottom | none provided | Not applicable | Crete, Mediterranean (GSA 23) | none provided | none provided | A/G, N/I |
| Mackerel (Jack and Horse) | gillnet | none provided | Not applicable | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | C/O, A/G, N/I |
| Mackerel (Jack and Horse) | gillnet | none provided | Not applicable | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | C/O, A/G, N/I |
| Mackerel (Jack and Horse) | gillnet | none provided | Not applicable | Crete, Mediterranean (GSA 23) | none provided | none provided | C/O, A/G, N/I |
| Mackerel (Jack and Horse) | longline, bottom | none provided | Not applicable | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | A/G, N/I |
| Mackerel (Jack and Horse) | longline, bottom | none provided | Not applicable | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | A/G, N/I |
| Mackerel (Jack and Horse) | longline, bottom | none provided | Not applicable | Crete, Mediterranean (GSA 23) | none provided | none provided | A/G, N/I |
| common octopus | pots and traps | none provided | Not applicable | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | A/G, N/I |
| common octopus | pots and traps | none provided | Not applicable | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | A/G, N/I |
| common octopus | pots and traps | none provided | Not applicable | Crete, Mediterranean (GSA 23) | none provided | none provided | A/G, N/I |
| common octopus | trawl, bottom | none provided | Not applicable | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | A/G, N/I |
| common octopus | trawl, bottom | none provided | Not applicable | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | A/G, N/I |
| common octopus | trawl, bottom | none provided | Not applicable | Crete, Mediterranean (GSA 23) | none provided | none provided | A/G, N/I |
| common octopus | gillnet | none provided | Not applicable | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | C/O, A/G, N/I |
| common octopus | gillnet | none provided | Not applicable | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | C/O, A/G, N/I |
| common octopus | gillnet | none provided | Not applicable | Crete, Mediterranean (GSA 23) | none provided | none provided | C/O, A/G, N/I |
| common squid (Loligo) | trawl, bottom | none provided | Not applicable | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| common squid (Loligo) | trawl, bottom | none provided | Not applicable | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | A/G, N/I |
| common squid (Loligo) | trawl, bottom | none provided | Not applicable | Crete, Mediterranean (GSA 23) | none provided | none provided | A/G, N/I |
| common squid (Loligo) | gillnet | none provided | Not applicable | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | C/O, A/G, N/I |
| common squid (Loligo) | gillnet | none provided | Not applicable | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | C/O, A/G, N/I |
| common squid (Loligo) | gillnet | none provided | Not applicable | Crete, Mediterranean (GSA 23) | none provided | none provided | C/O, A/G, N/I |
| common squid (Loligo) | purse seine | none provided | Not applicable | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | A/G, N/I |
| common squid (Loligo) | purse seine | none provided | Not applicable | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | A/G, N/I |
| common squid (Loligo) | purse seine | none provided | Not applicable | Crete, Mediterranean (GSA 23) | none provided | none provided | A/G, N/I |
| bluefin tuna | longline, drifting | 28 | Not applicable | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | A/G, N/I |
| bluefin tuna | longline, drifting | 28 | Not applicable | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | A/G, N/I |
| bluefin tuna | longline, drifting | 28 | Not applicable | Crete, Mediterranean (GSA 23) | none provided | none provided | A/G, N/I |
| albacore, mahi mahi | longline, drifting | 456 | Not applicable | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | A/G, N/I |
| albacore, mahi mahi | longline, drifting | 456 | Not applicable | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | A/G, N/I |
| albacore, mahi mahi | longline, drifting | 456 | Not applicable | Crete, Mediterranean (GSA 23) | none provided | none provided | A/G, N/I |
| **Export Fisheries with No Information** | | | | | | | |
| sea basses | aquaculture | 326 | none provided | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | N/I |
| sea basses | aquaculture | 326 | none provided | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | N/I |
| sea basses | aquaculture | 326 | none provided | Northern Levant Sea, Mediterranean (GSA 24) | none provided | none provided | N/I |
| sea bream | aquaculture | 326 | none provided | Eastern Ionian Sea, Mediterranean (GSA 20) | none provided | none provided | N/I |
| sea bream | aquaculture | 326 | none provided | Aegean Sea, Mediterranean (GSA 22) | none provided | none provided | N/I |
| sea bream | aquaculture | 326 | none provided | Cyprus, Mediterranean (GSA 25) | none provided | none provided | N/I |
| caviar | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| crabs | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| herring | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| mullet | none provided | none provided | none provided | none provided | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| salmon | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sea cucumber | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| | | | | | | | |
| **Greenland** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| scallop | dredges | 4 | not applicable | year-round fishery; inshore, west coast of Greenland (Nuuk to Upernavik) | none documented | none documented | A/G |
| Cod | handlines | none provided | not applicable | year-round fishery; Inshore | none provided | none provided | C/O, A/G |
| Cod | handlines | none provided | not applicable | year-round fishery; East Greenland | none provided | none provided | C/O, A/G |
| capelin | seines | 0 | not applicable | May-July; inshore, Disko Bay and further north | marine mammals present in area, interactions not indicated | very low risk | P, A/G |
| **Export Fisheries** | | | | | | | |
| shrimp | trawl | 15 | not applicable | year-round fishery; Offshore, location not specified | seals unspecified | few | P, A/G |
| shrimp | trawl | 15 | not applicable | year-round fishery; inshore Disko Bay | seals unspecified | few | P, A/G |
| shrimp | trawl | 14 | not applicable | year-round fishery; East Greenland | seals unspecified | few | P, A/G |
| snow crab | pots | 43 | not applicable | April-December; inshore, west coast of Greenland from Upernavik and southwards | humpback whales | 1 | P, A/G |
| snow crab | pots | 3 | not applicable | April-December; deep sea, west coast of Greenland, location not specified | humpback whales | 1 | P, A/G |
| Greenland halibut (turbot) | trawl | 274 | not applicable | summer-November; at depth Nuuk and Qeqertarsuaq | none provided | none provided | C/O, A/G |
| Greenland halibut (turbot) | trawl | 274 | not applicable | summer-November; Inshore Disko Bay, Uummannaq, and Upernavik | none provided | none provided | C/O, A/G |
| Greenland halibut (turbot) | trawl | 274 | not applicable | summer-November; Qaanaaq | none provided | none provided | C/O, A/G |
| Greenland halibut (turbot) | gillnet | 1000 | not applicable | summer-November; at depth Nuuk and Qeqertarsuaq | none provided | none provided | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Greenland halibut (turbot) | gillnet | 1000 | not applicable | summer-November; Inshore Disko Bay, Uummannaq, and Upernavik | none provided | none provided | C/O, A/G |
| Greenland halibut (turbot) | gillnet | 1000 | not applicable | summer-November; Qaanaaq | none provided | none provided | C/O, A/G |
| Greenland halibut (turbot) | longline | 1000 | not applicable | summer-November; at depth Nuuk and Qeqertarsuaq | none provided | none provided | C/O, A/G |
| Greenland halibut (turbot) | longline | 1000 | not applicable | summer-November; Inshore Disko Bay, Uummannaq, and Upernavik | none provided | none provided | C/O, A/G |
| Greenland halibut (turbot) | longline | 1000 | not applicable | summer-November; Qaanaaq | none provided | none provided | C/O, A/G |
| Greenland halibut (turbot) | trawl | 14 | not applicable | year-round fishery; East Greenland | none provided | none provided | C/O, A/G |
| redfish | trawl | none provided | not applicable | June-October; offshore, southwest Greenland | none provided | none provided | C/O, A/G |
| redfish | trawl | none provided | not applicable | year-round fishery; offshore, Irminger Sea | none provided | none provided | C/O, A/G |
| Cod | pound nets | none provided | not applicable | year-round fishery; Inshore | humpback whales | 2 | P, A/G |
| Cod | pound nets | none provided | not applicable | year-round fishery; East Greenland | humpback whales | none provided | P, A/G |
| Cod | longline | none provided | not applicable | year-round fishery; Inshore | none provided | none provided | C/O, A/G |
| Cod | longline | none provided | not applicable | year-round fishery; East Greenland | none provided | none provided | C/O, A/G |
| Cod | gillnet, set | none provided | not applicable | year-round fishery; Inshore | none provided | none provided | C/O, A/G |
| Cod | gillnet, set | none provided | not applicable | year-round fishery; East Greenland | none provided | none provided | C/O, A/G |
| capelin | purse seine | 2 | not applicable | June-August; offshore (66-69 degrees N) | none provided | none provided | C/O, A/G |
| Atlantic salmon | gillnet | 14 | not applicable | August-October; Inshore | none provided | none provided | C/O, A/G |
| Atlantic salmon | open boats | 170 | not applicable | August-October; Inshore | none provided | none provided | N/I |
| Lumpfish | gillnet | not applicable | not applicable | March-June; Inshore (59-72 degrees N) | none provided | none provided | C/O, A/G |
| Lumpfish | gillnet | not applicable | not applicable | March-June | none provided | none provided | C/O, A/G |

## Grenada

### Exempt Fisheries

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Lobster, rock | diving, loops | 100 open vessels with a size range of 16-24 feet (4.9 - 7.3 m) | Not applicable | North, NE, South and SE coasts of Grenada | None provided | None provided | A/G |
| Snapper, grouper | Handline | 130 open vessels under 18 feet (5.5 meters) | Not applicable | north, south, SE and NE coasts of mainland Grenada, and the Grenada Grenadines - Carriacou, and Petite Martinique | None provided | None provided | A/G |
| Snapper, grouper | longline, bottom | 130 open vessels under 18 feet (5.5 meters) | Not applicable | north, south, SE and NE coasts of mainland Grenada, and the Grenada Grenadines - Carriacou, and Petite Martinique | None provided | None provided | A/G |
| Snapper, grouper | pots | 130 open vessels under 18 feet (5.5 meters) | Not applicable | north, south, SE and NE coasts of mainland Grenada, and the Grenada Grenadines - Carriacou, and Petite Martinique | None provided | None provided | A/G |
| Crab | pots | None provided | None provided | None provided | None provided | None provided | A/G |
| **Export Fisheries** | | | | | | | |
| Lobster, rock | trammel nets | 100 open vessels with a size range of 16-24 feet (4.9 - 7.3 m) | Not applicable | North, NE, South and SE coasts of Grenada | None provided | None provided | A/G |
| Tuna (albacore, yellowfin, bigeye), swordfish, dolphinfish | longline | 70 multi-day vessels, 270 open day-boats, 120 surface longline 200 hooks pirogue 7-9 m boats, 210 surface longline 150 hooks open 5-7 m boats, 130 trolling lines - 3 open pirogue boats | Not applicable | West coast Grenada | None provided | None provided | A/G |
| Tuna (albacore, yellowfin, bigeye), swordfish, dolphinfish | troll | 130 trolling lines - 3 open pirogue boats | Not applicable | West coast Grenada | None provided | None provided | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Squid | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Flatfish (sole) | None provided | None provided | None provided | None provided | None provided | None provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Shad, sturgeon | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| **Guatemala** | | | | | | | |
| **Export Fisheries** | | | | | | | |
| Shrimp | trawl | 24 | Not Applicable | Pacific, EEZ | None documented | None documented | A/G |
| Snapper, Grouper, Seabass, Dorado, shark, dolphinfish, tuna | longline | 27 | Not Applicable | Pacific, EEZ, Inter-American Tropical Tuna Commission Convention Area | None documented | None documented | A/G |
| Shrimp | trawl | 27 | Not Applicable | Atlantic, EEZ | None documented | None documented | A/G |
| Shark, snapper, grouper | longline | 6 | Not Applicable | Atlantic, EEZ | None documented | None documented | A/G |
| Tuna | purse seine | 2 | Not Applicable | Atlantic, EEZ, International Convention for the Conservation of Atlantic Tuna Convention Area | None documented | None documented | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Marine Fish | none provided | none provided | Not Applicable | none provided | none provided | none provided | N/I |
| **Guinea** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| Tuna - yellowfin | pole and line | 12 E.U vessels | none provided | Atlantic, Eastern Central FAO Area 34, West Coast of Africa | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |
| flatfish | trawl | 2 Spain-Stern Trawler for Bottom trawl black hake fishery, at least 74 fishing vessel owned by 4 Chinese Distant Water Fishing (DWF), 462 trawlers | none provided | Atlantic, Eastern Central FAO Area 34, West Coast of Africa | none provided | none provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| small pelagic fish, herring | trawl | 2 Spain-Stern Trawler for Bottom trawl black hake fishery, at least 74 fishing vessel owned by 4 Chinese Distant Water Fishing (DWF), 462 trawlers | none provided | Atlantic, Eastern Central FAO Area 34, West Coast of Africa | none provided | none provided | A/G, N/I |
| Tuna - yellowfin | purse seine | 28 E.U. seiners | none provided | Atlantic, Eastern Central FAO Area 34, West Coast of Africa | none provided | none provided | A/G |
| Tuna - yellowfin | longline | 28 E.U. vessels | none provided | Atlantic, Eastern Central FAO Area 34, West Coast of Africa | none provided | none provided | A/G |
| groundfish (cod, hake, cusk, haddock, pollock) | trawl | 2 Spain-Stern Trawler for Bottom trawl black hake fishery, at least 74 fishing vessel owned by 4 Chinese Distant Water Fishing (DWF), 462 trawlers | none provided | Atlantic, Eastern Central FAO Area 34, West Coast of Africa | none provided | none provided | A/G, N/I |
| **Guyana** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| snapper | handline | 65 | not applicable | Guyana EEZ | none provided | none provided | A/G |
| shark, grouper | handline | 58 | not applicable | Guyana EEZ | none provided | none provided | A/G |
| marine snail | hand collection | none provided | none provided | none provided | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |
| butterfish | trawl | 113 | not applicable | Guyana EEZ | none provided | none provided | A/G |
| crab | trap | 58 | not applicable | Guyana EEZ | none provided | none provided | A/G |
| shrimp (seabob) | trawl | 87 | not applicable | inshore, Guyana EEZ | none provided | none provided | A/G |
| shrimp (prawn), crab, snapper, lobster | trawl | 26 | not applicable | offshore, Guyana EEZ | none provided | none provided | A/G |
| snapper, grouper | trap | 58 | not applicable | Guyana EEZ | none provided | none provided | A/G |
| tuna (bigeye, yellowfin) swordfish, mackerel, dolphinfish | longline | none provided | not applicable | Guyana EEZ | none provided | none provided | A/G |
| mackerel | gillnet | 808 | not applicable | Guyana EEZ | sperm whale | 1 | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| drum, croaker, sea bream, snook, grouper, butterfish, shrimp, snapper, crab, sea catfish | gillnet | 808 | not applicable | Guyana EEZ | none provided | none provided | A/G |
| drum, croaker, sea bream, snook, grouper, butterfish, shrimp, snapper, crab, sea catfish | fyke net | 307 | not applicable | Guyana EEZ | none provided | none provided | A/G |
| drum, croaker, sea bream, snook, grouper, butterfish, shrimp, snapper, crab, sea catfish | Cadell line (midwater set longline) | 87 | not applicable | Guyana EEZ | none provided | none provided | A/G |
| drum, croaker, sea bream, snook, grouper, butterfish, shrimp, snapper, crab, sea catfish | pin seine (small seine) | 32 | not applicable | Guyana EEZ | none provided | none provided | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| groundfish (flatfish, sole, haddock, cod, hake, whiting) | none provided | none provided | none provided | Guyana EEZ | none provided | none provided | N/I |
| salmon | none provided | none provided | none provided | Guyana EEZ | none provided | none provided | N/I |
| mullet | none provided | none provided | none provided | Guyana EEZ | none provided | none provided | N/I |
| | | | | | | | |
| **Haiti** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| coral | hand collection | None provided | None provided | None provided | None provided | None provided | |
| **Export Fisheries with No Information** | | | | | | | |
| conch | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| lobster | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| molluscs | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| sea cucumbers | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| shrimp | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| crab | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| | | | | | | | |
| **Honduras** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| coral | hand collection | none provided | Parma Blanca | none provided | none provided | none provided | |
| conch, molluscs | hand collection and diving | none provided | Parma Blanca | The Caribbean Sea (FAO Area 31) | none provided | none provided | A/G |
| crab, lobster | hand collection and diving | none provided | Parma Blanca | The Caribbean Sea (FAO Area 31) | none provided | none provided | A/G |
| crab, lobster (spiny), conch | traps | none provided | Parma Blanca | The Caribbean Sea (FAO Area 31) | none provided | none provided | A/G |
| sea cucumbers | hand collection and diving | 8 | Parma Blanca | The Caribbean Sea (FAO Area 31) | none provided | none provided | A/G |
| shrimp (white) | aquaculture | none provided | Parma Blanca | none provided | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| shrimp (southern white, pink) | trawl | none provided | Parma Blanca | The Caribbean Sea (FAO Area 31) | none provided | none provided | A/G, N/I |
| Shrimp (western white shrimp, blue shrimp, whiteleg shrimp | trawl | none provided | Parma Blanca | Fonseca Gulf, Pacific, Eastern Central, FAO Area 77 | none provided | none provided | A/G, N/I |
| tuna, albacore, bigeye, skipjack, yellowfin, dolphinfish, swordfish | longline | none provided | Parma Blanca | The Caribbean Sea (FAO Area 31), International Convention for the Conservation of Atlantic Tuna Convention Area | none provided | none provided | A/G, N/I |
| **Export Fisheries with No Information** | | | | | | | |
| grouper, snapper | none provided | none provided | Parma Blanca | none provided | none provided | none provided | N/I |
| | | | | | | | |
| | | The Icelandic fishing fleet was comprised of 1685 vessels during 2015 | | | | | |
| **Iceland** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| cod, plaice, haddock, lemon sole, pollock, Atlantic and spotted wolffish, witch flounder, dab, long rough dab, redfish, ling, blue ling, skates and rays, whiting, megrim, monkfish, halibut, Greenland halibut, cusk, spiny dogfish, other flatfishes, demersal fishes, shellfish | Danish seine | 44 | not applicable | none provided | none provided | none provided | A/G |
| cod, mackerel, pollock, redfish, haddock, ling, cusk, Atlantic and spotted wolffish, whiting, monkfish, skates and rays, plaice, dab, silver smelt, other flatfishes and demersal fishes | handline | 1193 | not applicable | none provided | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |
| cod, pollock, ling, haddock, redfish, plaice, skate, cusk, Atlantic and spotted wolffish, monkfish, other demersal fishes | gillnet, bottom | 386 trawler vessels | not applicable | none provided | harbor porpoise, white-beaked dolphin, dolphins unspecified, humpback whale, harbor seal, gray seal, harp seal, bearded seal, hooded seal, ring seal | 1580, 13, 45, 1, 376, 26, 60, 10, 6, 9 | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| cod, halibut, pollock, ling, monkfish, plaice, redfish, haddock, Atlantic and spotted wolffish, cusk, blue ling, skates, rays, dab, lemon sole, whiting, Greenland halibut, mackerel, long rough dab, megrim, witch flounder, other species unspecified | gillnet, bottom | 386 catch quota vessels | not applicable | none provided | harbor porpoise, white-beaked dolphin, dolphins unspecified, humpback whale, harbor seal, gray seal, harp seal, bearded seal, hooded seal, ring seal | 1580, 13, 45, 1, 376, 26, 60, 10, 6, 9 | P, A/G |
| cod, pollock, haddock, Atlantic and spotted wolffish, plaice, skates and rays, monkfish, lemon sole, cusk, ling, redfish, Greenland halibut, whiting, other flatfish, other species unspecified, shellfish | gillnet, bottom | 386 hook and line vessels | not applicable | none provided | none provided | none provided | A/G |
| cod, halibut, pollock, ling, monkfish, plaice, redfish, haddock, Atlantic and spotted wolffish, cusk, blue ling, skates, rays, dab, lemon sole, whiting, Greenland halibut, mackerel, long rough dab, megrim, witch flounder, other flatfish, shellfish, silver smelt, other species unspecified | gillnet, bottom | 386 small boats | not applicable | none provided | none provided | none provided | A/G |
| cod, pollock, whiting, shellfish, other species unspecified | gillnet, bottom | 386 coastal fisheries | not applicable | none provided | none provided | none provided | A/G |
| other demersal fishes | gillnet, bottom | 386 other vessels | not applicable | none provided | none provided | none provided | A/G |
| cod, Ocean redfish, redfish, pollock, haddock, Greenland halibut, silver smelt, ocean redfish, Atlantic and spotted wolffish, plaice, ling, blue ling, lemon sole, whiting, megrim, long rough dab, dab, skates and rays, shrimp, halibut, cusk, grenadier, monkfish, witch flounder, Greenland shark, spiny dogfish, blue whiting, mackerel, other flatfish, herring, capelin, Norway lobster, scallop, Icelandic cyprine, other shellfish, other demersal fishes | trawl, bottom | trawlers | not applicable | none provided | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| cod, Ocean redfish, redfish, pollock, haddock, Greenland halibut, silver smelt, ocean redfish, Atlantic and spotted wolffish, plaice, ling, blue ling, lemon sole, whiting, megrim, long rough dab, dab, skates and rays, halibut, cusk, grenadier, monkfish, witch flounder, mackerel, other flatfish, spiny dogfish, Norway lobster, other demersal fishes | trawl, bottom | catch quota vessels | not applicable | none provided | none provided | none provided | A/G |
| cod, Ocean redfish, redfish, pollock, haddock, Greenland halibut, silver smelt, ocean redfish, Atlantic and spotted wolffish, plaice, ling, blue ling, lemon sole, whiting, megrim, long rough dab, dab, skates and rays, shrimp, halibut, cusk, grenadier, monkfish, witch flounder, Greenland shark, spiny dogfish, blue whiting, mackerel, other flatfish, herring, capelin, Norway lobster, scallop, Icelandic cyprine, other shellfish, other demersal fishes, other pelagic fishes | trawl, bottom | other vessels | not applicable | none provided | none provided | none provided | A/G |
| cod, haddock, blue ling and ling, Atlantic and spotted wolffish, pollock, skates and rays, cusk, redfish, Greenland halibut, halibut, dab, long rough dab, spiny dogfish, monkfish, Greenland shark, plaice, whiting, shellfish, lemon sole, mackerel, silver smelt, witch flounder, other flatfish, other demersal fishes, other pelagic fishes | bottom longline | 266 | not applicable | none provided | none provided | none provided | A/G |
| cod, ocean redfish, redfish, Norway lobster, ling, blue ling, pollock, witch flounder, megrim, monkfish, haddock, whiting, Atlantic and spotted wolffish, lemon sole, skate, plaice, halibut, Greenland halibut, cusk, spiny dogfish, other flatfishes and demersal fishes | nephrops trawl | 71 | not applicable | none provided | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|---|
| blue whiting, mackerel, herring, capelin, ocean redfish, redfish, silver smelt, pollock, cod, Greenland halibut, Atlantic and spotted wolffish, haddock, blue ling, ling, halibut, skates and rays, cusk | trawl,pelagic | 19 | not applicable | none provided | none provided | none provided | | A/G |
| capelin, herring, cod, blue whiting, redfish, pollock, plaice, haddock, rays, other demersal and pelagic spp | purse seine | 16 | not applicable | none provided | none provided | none provided | | A/G |
| scallop, Icelandic cyprine, Atlantic wolffish, lemon sole, other demersal fishes, other shellfish | dredge | 13 | not applicable | none provided | none provided | none provided | | A/G |
| shrimp, cod, Greenland halibut, Greenland shark, redfish, long rough dab, skates and rays, haddock, silver smelt, Atlantic and spotted wolffish, pollock, witch flounder, monkfish, ling, blue ling, plaice, lemon sole, herring, halibut, cusk, whiting | trawl | 38 | not applicable | none provided | none provided | none provided | | A/G |
| mussels | aquaculture (lines) | not applicable | none provided | NW Iceland | humpback whale | | 1 | P |
| crustaceans | trap | 4 | none provided | Iceland EEZ | none provided | none provided | | A/G |
| tuna (bluefin, yellowfin) | longline | 1 | none provided | International Convention for the Conservation of Atlantic Tuna Convention Area | none provided | none provided | | A/G |
| **Export Fisheries with No Information** | | | | | | | | |
| cod, Atlantic wolffish, pollock, pollock, haddock, redfish, cusk, monkfish, ling, mackerel, halibut, whiting, dab, plaice, skates, other demersal fishes, other shellfish | other gear types | none provided | not applicable | none provided | none provided | none provided | | N/I |
| salmon | aquaculture (coastal) | not applicable | none provided | Coastal EEZ | none provided | none provided | | N/I |
| trout | aquaculture (coastal) | not applicable | none provided | Coastal EEZ | none provided | none provided | | N/I |
| caviar | none provided | none provided | none provided | none provided | none provided | none provided | | N/I |
| conch | none provided | none provided | none provided | none provided | none provided | none provided | | N/I |
| lobster (homarus spp) | Humarvarpa (lobster trawl?) | 13 | none provided | none provided | none provided | none provided | | N/I |
| rock lobster | none provided | none provided | none provided | none provided | none provided | none provided | | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| sea cucumbers | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| seaweed | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| **India** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| seaweed | aquaculture (lines) | not applicable | none provided | East coast of India | none provided | none provided | A/G, N/I |
| mussels, clams | hand collection, dredge | not applicable | none provided | none provided | none provided | none provided | A/G, N/I |
| **Export Fisheries** | | | | | | | |
| anchovy, sardine, mackerel (jack, horse), sprat | purse seine, ring seine | 1000 | not applicable | Karnataka, Goa and Maharashtra, Kerala, Tamil Nadu | none provided | none provided | N/I |
| anchovy, sardine, mackerel (jack, horse), sprat | purse seine | none provided | not applicable | West coast: Mangalore | finless porpoise | 14 | P, A/G |
| catfish (marine) | gillnet | none provided | not applicable | East coast of India | Indian humpback dolphin, bottlenose dolphin, spinner dolphin, common dolphin, finless porpoise | 200, estimates not provided | P, A/G |
| tuna (yellowfin), sharks, | gillnet | none provided | not applicable | west coast | Indian humpback dolphin, bottlenose dolphin, spinner dolphin, finless porpoise | 200, numbers not provided for most species, 2004-2005--9,000-10,000 per year (in all gillnets fisheries assume 7,000 in tuna gillnets) | P, A/G |
| tuna, sharks, barracuda, dolphinfish | longline | none provided | not applicable | Eastern and Western Indian Ocean | none provided | none provided | C/O, A/G |
| sharks | gillnet | none provided | not applicable | East coast of India | Indian humpback dolphin, bottlenose dolphin, spinner dolphin, common dolphin, finless porpoise | 200, estimates not provided | P, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| caviar | none provided | none provided | not applicable | none provided | none provided | none provided | C/O, A/G |
| cod | none provided | none provided | none provided | none provided | none provided | none provided | C/O, A/G |
| none provided | gillnet | none provided | not applicable | West coast: Calicut, Mangalore | common dolphin, spinner dolphin, Indo-Pacific humpback dolphin | 15, 4, 2 | P, A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| none provided | gillnet | none provided | not applicable | East coast: Channai, Kakinada | spinner dolphin, pantropical spotted dolphin, pantropical spotted dolphin, common dolphin, Indo-Pacific humpback dolphin, Risso's dolphin | 13, 1, 3, 2, 2, 2 | P, A/G, N/I |
| none provided | gillnet | none provided | not applicable | Ganges River | Ganges river dolphin | numbers not provided | P, A/G, N/I |
| none provided | driftnet | none provided | not applicable | none provided | Irrawaddy dolphin, spinner dolphin | numbers not provided | P, A/G, N/I |
| seaweed | none provided | none provided | not applicable | none provided | none provided | none provided | N/I |
| butterfish | none provided | none provided | not applicable | none provided | none provided | none provided | N/I |
| swimming crab (Portunidae) | none provided | none provided | not applicable | none provided | none provided | none provided | N/I |
| cuttlefish, squid | trawl | none provided | not applicable | none provided | none provided | none provided | N/I |
| sole | none provided | none provided | not applicable | none provided | none provided | none provided | N/I |
| grouper, snapper | none provided | none provided | not applicable | none provided | none provided | none provided | N/I |
| herring, shad, mullet, sardines, menhaden, jacks, mackerels, pompanos, sharks, seerfish, catfish, pomfrets, tunas, skates, rays | gillnet | none provided | not applicable | none provided | none provided | none provided | N/I |
| mussels, clams | aquaculture | not applicable | none provided | none provided | none provided | none provided | N/I |
| octopus | none provided | none provided | not applicable | none provided | none provided | none provided | N/I |
| skates and rays | none provided | none provided | not applicable | none provided | none provided | none provided | N/I |
| sardine, sprat | none provided | none provided | not applicable | none provided | none provided | none provided | N/I |
| shrimp | trawl | none provided | not applicable | none provided | none provided | none provided | N/I |

## Indonesia

### Exempt Fisheries

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Cuttlefish, scallop, squid | jig | none provided | not applicable | [all year] Territorial Waters/EEZ/ Indonesia Fisheries Management Area (711, 713, 718) | none documented | none documented | A/G |
| Cuttlefish, scallop, squid | lift net | none provided | not applicable | [all year] Territorial Waters/EEZ/ Indonesia Fisheries Management Area (711, 713, 718)EZ/ Indonesia Fisheries Management Area (711, 713, 718) | none documented | none documented | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Cuttlefish, scallop, squid | Bouke Ami (stick held lift net) | none provided | not applicable | [all year] Territorial Waters/EEZ/ Indonesia Fisheries Management Area (711, 713, 718) | none documented | none documented | A/G |
| Cuttlefish/scallop/squid | Cast net | none provided | not applicable | [all year] Territorial Waters/EEZ/ Indonesia Fisheries Management Area (711, 713, 718) | none documented | none documented | A/G |
| Octopus | hand collection | none provided | not applicable | [all year] Territorial Waters | none documented | none documented | A/G |
| Fish, shellfish | hand collection | none provided | not applicable | [all year] Territorial Waters | none provided | none provided | A/G |
| Groundfish | pot/trap | none provided | not applicable | [all year] Territorial Waters | none documented | none documented | A/G |
| Groundfish | aquaculture | not applicable | none provided | [all year] Territorial Waters | none documented | none documented | A/G |
| Grouper | pot/trap | handpicking, non fishing vessel | not applicable | [all year] Territorial Waters | none documented | none documented | A/G |
| Grouper | aquaculture | not applicable | none provided | [all year] Territorial Waters | none documented | none documented | A/G |
| Sea bass | pot/trap | handpicking, non fishing vessel | not applicable | [all year] Territorial Waters | none provided | none provided | A/G |
| Sea cucumbers | handpicking | handpicking, non fishing vessel | not applicable | [all year] Territorial Waters | none documented | none documented | A/G |
| Snapper | pot/trap | handpicking, non fishing vessel | not applicable | [all year] Territorial Waters | none provided | none provided | A/G |
| Clam | hand collection | none provided | not applicable | [all year] none provided | none provided | none provided | A/G |
| Crab | pot/trap | handpicking, non fishing vessel | not applicable | [all year] Territorial Waters | none provided | none provided | A/G |
| Crab swimming | pot/trap | handpicking, non fishing vessel | not applicable | [all year] Territorial Waters | none provided | none provided | A/G |
| Aquatic inverts | hand collection | handpicking, non fishing vessel | not applicable | [all year] Territorial Waters | none documented | none documented | A/G |
| Coral, shells, cuttlebone | hand collection | handpicking, non fishing vessel | not applicable | [all year] Territorial Waters | none documented | none documented | A/G |
| Crustaceans | aquaculture | not applicable | none provided | [all year] Territorial Waters | none documented | none documented | A/G |
| Seaweed and other algae | aquaculture | not applicable | none provided | [all year] Territorial waters (onshore) | none documented | none documented | A/G |
| Lobster (rock) | hand collection | handpicking, non fishing vessel | not applicable | [all year] Territorial waters (onshore) | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Tuna (bigeye, albacore, yellowfin) | handline | 1004 | not applicable | [all year] Territorial Waters/EEZ/Indonesia Fisheries Management Area (571: Malacca Strait and Andaman Sea; 572: Indian Ocean of western Sumatera and Sunda Strait; 573: Indian Ocean of southern Java, southern Nusa Tenggara, Sawu Sea and western of Timor Sea; 716: Sulawesi Sea and northern of Halmahera Island; 717: Cendrawasih Bay and Pacific Ocean) | none documented | none documented | A/G |
| Tuna (bigeye, albacore, yellowfin) | pole and line | 1004 | not applicable | [all year] Territorial Waters/EEZ/Indonesia Fisheries Management Area (571: Malacca Strait and Andaman Sea; 572: Indian Ocean of western Sumatera and Sunda Strait; 573: Indian Ocean of southern Java, southern Nusa Tenggara, Sawu Sea and western of Timor Sea; 716: Sulawesi Sea and northern of Halmahera Island; 717: Cendrawasih Bay and Pacific Ocean) | none documented | none documented | A/G |
| Tuna (bluefin) | handline | 1004 | not applicable | [all year] Territorial Waters/EEZ/Indonesia Fisheries Management Area 573 (Indian Ocean of southern java, southern nusa tenggara, sawu sea and western of Timor Sea) | none documented | none documented | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Tuna (bluefin) | pole and line | 1004 | not applicable | [all year] Territorial Waters/EEZ/Indonesia Fisheries Management Area 573 (Indian Ocean of southern java, southern nusa tenggara, sawu sea and western of Timor Sea) | none documented | none documented | A/G |
| **Export Fisheries** | | | | | | | |
| Tuna (bigeye, albacore, yellowfin) | longline | 1004 | not applicable | [all year] Territorial Waters/EEZ/Indonesia Fisheries Management Area (571: Malacca Strait and Andaman Sea; 572: Indian Ocean of western Sumatera and Sunda Strait; 573: Indian Ocean of southern Java, southern Nusa Tenggara, Sawu Sea and western of Timor Sea; 716: Sulawesi Sea and northern of Halmahera Island; 717: Cendrawasih Bay and Pacific Ocean) | none provided | none provided | N/I, A/G |
| Tuna (bigeye, albacore, yellowfin) | purse seine | 1004 | not applicable | [all year] Territorial Waters/EEZ/Indonesia Fisheries Management Area (571: Malacca Strait and Andaman Sea; 572: Indian Ocean of western Sumatera and Sunda Strait; 573: Indian Ocean of southern Java, southern Nusa Tenggara, Sawu Sea and western of Timor Sea; 716: Sulawesi Sea and northern of Halmahera Island; 717: Cendrawasih Bay and Pacific Ocean) | none provided | none provided | N/I, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Tuna (bluefin) | longline | 1004 | not applicable | [all year] Territorial Waters/EEZ/Indonesia Fisheries Management Area 573 (Indian Ocean of southern java, southern nusa tenggara, sawu sea and western of Timor Sea) | none provided | none provided | N/I, A/G |
| Tuna (bluefin) | purse seine | 1004 | not applicable | [all year] Territorial Waters/EEZ/Indonesia Fisheries Management Area 573 (Indian Ocean of southern java, southern nusa tenggara, sawu sea and western of Timor Sea) | none provided | none provided | N/I, A/G |
| Shark | gillnet | none provided | not applicable | Australian EEZ | Indopacific bottlenose dolphin, dwarf spinner dolphin | thousands | P, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Swordfish | none provided | none provided | not applicable | [all year] Territorial Waters | none provided | none provided | N/I, A/G |
| Mackerel | none provided | none provided | not applicable | [all year] Territorial Waters/EEZ/ Indonesia Fisheries Management Area (including Aru Bay, Arafuru Sea and Eastern of Timor Sea) | none provided | none provided | N/I, A/G |
| Dolphinfish | other fish net | thousands | not applicable | [all year] Territorial Waters | none provided | none provided | N/I, A/G |
| Fish | other fish net | thousands | not applicable | [all year] Territorial Waters | none provided | none provided | N/I, A/G |
| Flatfish | other fish net | thousands | not applicable | [all year] Territorial Waters | none provided | none provided | N/I, A/G |
| Grouper | gillnet | none provided | not applicable | [all year] Territorial Waters | none provided | none provided | N/I, A/G |
| Marine fish | other fish net | none provided | not applicable | [all year] Territorial Waters | none provided | none provided | N/I, A/G |
| Snapper | gillnet | none provided | not applicable | [all year] Territorial Waters | none provided | none provided | N/I, A/G |

## Iran

**Exempt Fisheries**

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna, yellowfin, skipjack, bigeye, longtail | purse seine | 6 | not applicable | Iranian southern waters, Persian Gulf and Oman Sea | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |
| caviar, sturgeon | gillnet | 231 (600 fishermen) | not applicable | Caspian Sea | none provided | none provided | A/G, N/I |
| shrimp | trawl | industrial vessels, artisanal boats | not applicable | Iranian waters | none provided | none provided | A/G, N/I |
| tuna, yellowfin, skipjack, bigeye, longtail | gillnet | 2202 artisanal vessels, 3741 fishing boats | not applicable | Iranian waters, Persian Gulf and Oman Sea | Spinner, common, bottlenose and humpbacked dolphins | 24,694 all species | P |
| tuna, yellowfin, skipjack, bigeye, longtail | troll | 854 | not applicable | Iranian waters, Persian Gulf and Oman Sea | none provided | none provided | A/G, N/I |
| | | | | | | | |
| | | | | **Ireland** | | | |
| **Export Fisheries** | | | | | | | |
| Mackerel | trawl, pelagic | 50-70 | not applicable | Northeast Atlantic FAO Area 27 October through March | None documented | None documented | A/G, C/O |
| Blue whiting | trawl, pelagic | 10-30 | not applicable | Northeast Atlantic FAO Area 27 February through April | None documented | None documented | A/G, C/O |
| crawfish | tanglenet | none provided | none provided | none provided | gray seal, harbor seal | | A/G, C/O, P |
| turbot | gillnet | none provided | none provided | none provided | common dolphin, minke whale | 2, 1 | A/G, C/O, P |
| pollock, spiny lobster, hake | gillnet | none provided | none provided | none provided | Harbor Porpoise | 9 | A/G, C/O, P |
| spiny lobster | gillnet | none provided | none provided | Atlantic Ocean - Celtic Sea | Harbor Porpoise | 1 | A/G, C/O, P |
| albacore tuna | driftnet | none provided | none provided | Northeast Atlantic Ocean (FAO Area 27) | common dolphin, striped dolphin, long-finned pilot whale, bottlenose dolphin, minke whale, sperm whale, Risso's dolphin, Atlantic white-sided dolphin | thousands | A/G, C/O, P |
| albacore tuna | trawl, pelagic pair | none provided | none provided | Bay of Biscay | white-sided dolphin, common dolphin, striped dolphin, long-finned pilot whale | 2, 127, 8, 8 | A/G, C/O, P |
| hake | gillnet | none provided | none provided | Celtic Sea | harbor porpoise | 1,000 | A/G, C/O, P |
| salmon | driftnet | none provided | none provided | EEZ | common dolphin, white-beaked dolphin | some | A/G, C/O, P |
| **Export Fisheries with No Information** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| none provided | gillnet | none provided | none provided | Northeast Atlantic (FAO Area 27) | gray seal | 3 | A/G, C/O, P |
| crab | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| shellfish, molluscs, mussels | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| herring | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| Norwegian lobster | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| rock lobster | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| Atlantic salmon | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| seaweed | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| trout | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| | | | | | | | |
| **Israel** | | | | | | | |
| **Export Fisheries** | | | | | | | |
| mackerel, sardines | purse seine | 28 | none provided | Mediterranean Sea | none provided | none provided | N/I |
| tuna | purse seine | 28 | none provided | Mediterranean Sea | none provided | none provided | N/I |
| | | | | | | | |
| **Italy** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| coral | hand collection | none provided | none provided | none provided | none provided | none provided | |
| swordfish | harpoon | 851 | not applicable | Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea | none provided | none provided | A/G, |
| **Export Fisheries** | | | | | | | |
| anchovy, European pilchard, sardine | seine | 358 | none provided | Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea | none provided | none provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| anchovy, European pilchard, sardine | trawl, midwater pair | 358 | none provided | Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea | none provided | none provided | A/G, N/I |
| bonito | purse seine | 217 | not applicable | Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea | none provided | none provided | A/G, N/I |
| clam, mussels, other molluscs | dredge | 706 | not applicable | Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Northern Adriatic, Southern Adriatic Sea | none provided | none provided | A/G, N/I |
| octopus (ghost cusk-eel, horned octopus, musky octopus, broadtail shortfin squid, cuttlefish, European squid, common squid ) | trawl | 2196 | not applicable | Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea | none provided | none provided | A/G, N/I |
| seabass, seabream | small scale fisheries | 7820 | not applicable | Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea | none provided | none provided | A/G, N/I |
| shrimp (deep-water rose shrimp, course shrimp, giant red shrimp, blue and red shrimp, Norway lobster) | trawl | 2196 | not applicable | Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea | none provided | none provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| squid (broadtail short-fin squid, European squid, Lesser flying squid) | trawl | 2196 | not applicable | Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea | none provided | none provided | A/G, N/I |
| swordfish | longline | 851 | not applicable | Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea | none provided bottlenose dolphin Risso's dolphin | none provided | A/G, N/I |
| swordfish | driftnet | none provided | not applicable | Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea | pilot whales, minke whale, sperm whale, Risso's dolphin, striped dolphin, common dolphin | none provided, sperm whale = 2 | A/G, N/I |
| tuna (albacore) | longline | none provided | not applicable | Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea | none provided bottlenose dolphin Risso's dolphin | none provided | A/G, N/I |
| tuna (bluefin) | purse seine | 42 | not applicable | Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea | none provided bottlenose dolphin Risso's dolphin | none provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna (bluefin) | longline | 42 | not applicable | Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea | none provided | none provided | A/G, N/I |
| tuna (bluefin) | traps | 42 | not applicable | Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea | none provided | none provided | A/G, N/I |
| **Export Fisheries with No Information** | | | | | | | |
| seabass, seabream | aquaculture | Not applicable | none provided | none provided | none provided | none provided | N/I |

## Ivory Coast

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Export Fisheries** | | | | | | | |
| shrimp | trawl | 47 | None provided | Atlantic, Eastern Central (FAO Area 34) lagoon areas | None provided | None provided | A/G, N/I |
| tuna, albacore | purse seine | Purse seiner: Spain: 16, France 12 | SCODI Cannery, PFCI Cannery (Peche et Froid de Cote d'Ivoire) | Atlantic, Eastern Central (FAO Area 34) International Convention for the Conservation of Atlantic Tuna Convention Area | None provided | None provided | A/G |
| tuna, albacore | longline (surface) | Surface longliner: Spain: 7, Portugal: 3 | SCODI Cannery, PFCI Cannery (Peche et Froid de Cote d'Ivoire) | Atlantic, Eastern Central (FAO Area 34) International Convention for the Conservation of Atlantic Tuna Convention Area | None provided | None provided | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| groundfish, cod, cusk, haddock, hake, pollock | purse seine | None provided | None provided | None provided | None provided | None provided | A/G, N/I |
| herring, anchovy | purse seine | None provided | None provided | None provided | None provided | None provided | A/G, N/I |
| molluscs | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| snail | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| crustaceans, lobster | None provided | None provided | None provided | None provided | None provided | None provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Jamaica** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| coral, shells, cuttlebone | hand collection | None provided | None provided | None provided | None provided | None provided | |
| Lobster, Caribbean spiny lobster, Caribbean Spotted Spiny lobster | traps, Antillean Z traps to Florida wooden traps. | 500 licensed artisanal fiberglass vessels (15 ft. to 33 ft. LOA) of which 15 are licensed large scale steel hull vessels (50ft – 85ft) | None provided | Pedro bank mainly; Island shelf -- Annual Closed Season for lobsters from April 1 to June 30. | dolphin | none documented | A/G |
| Queen Conch | Diving Hookah (dive compressors) and SCUBA<br>Free lung diving is also employed in coastal and inshore areas | 11 large scale industrial vessels | None provided | Pedro bank mainly; Island shelf -- Annual Closed Season for conch from August 1 to March 31 following year | none documented | none documented | A/G |
| Sea cucumbers | Diving (Proposed to be Diving only; free lung, dive compressors and SCUBA) | None currently. 3 exploratory fishing licenses are being considered | None provided | Pedro bank, Island shelf and proximal banks of Jamaica -- There has been one closed season period designated for sea cucumbers in the past but this has expired. There is no current Closed Season. | none documented | none documented | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| molluscs | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| marine Penaeid shrimp | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| Ornamental fish spp. | None provided | None provided | None provided | None provided | None provided | None provided | N/I |
| | | | | | | | |
| **Japan** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| abalone | hand collection | none provided | Not applicable | None provided | None provided | None provided | A/G |
| abalone | aquaculture | none provided | none provided | marine | None provided | None provided | A/G |
| seaweed | hand collection | none provided | Not applicable | None provided | None provided | None provided | A/G |
| tuna (bluefin, albacore, skipjack, bigeye, bonito, yellowfin) and swordfish | handline | None provided | Not applicable | None provided | None provided | None provided | A/G |
| groundfish (cod, pollock) | handline | None provided | Not applicable | None provided | None provided | None provided | A/G |
| chum salmon | angling | None provided | Not applicable | None provided | None provided | None provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Clam | hand collection | None provided | Not applicable | None provided | None provided | None provided | A/G |
| Ark clam | hand collection | None provided | Not applicable | None provided | None provided | None provided | A/G |
| crab/crustaceans | hand collection | None provided | Not applicable | None provided | None provided | None provided | A/G |
| cuttlefish | saury stick-held dip r | None provided | Not applicable | None provided | None provided | None provided | A/G |
| cuttlefish | angling | None provided | Not applicable | None provided | None provided | None provided | A/G |
| flatfish (flounder, halibut, turbot) | angling | None provided | Not applicable | None provided | None provided | None provided | A/G |
| molluscs | stick-held dip net | None provided | Not applicable | None provided | None provided | None provided | |
| scallop | hand collection | None provided | Not applicable | None provided | None provided | None provided | A/G |
| sea urchin | hand collection | None provided | Not applicable | None provided | None provided | None provided | A/G |
| squid | stick-held dip net | None provided | Not applicable | None provided | None provided | None provided | |
| bigeye tuna | aquaculture | none provided | none provided | marine | None provided | None provided | N/I |
| bluefin tuna | aquaculture | none provided | none provided | marine | None provided | None provided | N/I |
| **Export Fisheries** | | | | | | | |
| krill | trawl, midwater | 1 | Not applicable | Subarea 48.1 (Western Antarctic Peninsula) | None documented | None documented | C/O |
| krill | trawl, midwater | 1 | Not applicable | Subarea 48.2 (South Orkney Is.) | Antarctic fur seal | 2009: 4 fur seals killed, 10 released | C/O, P |
| krill | trawl, midwater | 1 | Not applicable | Subarea 48.3 (South Georgia Is.) | Antarctic fur seal | 2007: 1 fur seal killed, 2008: 1 fur seal killed, 13 seals killed | C/O, P |
| toothfish | longline | 1 | Not applicable | Subarea 48.6 | None documented | None documented | A/G |
| toothfish | longline | 1 | Not applicable | Subarea 58.4.1 (East Antarctica) | None documented | None documented | A/G |
| toothfish | longline | 1 | Not applicable | Subarea 58.4.2 | None documented | None documented | A/G |
| toothfish | longline | 1 | Not applicable | Subarea 58.4.3a | None documented | None documented | A/G |
| toothfish | longline | 1 | Not applicable | Subarea 58.4.3b | None documented | None documented | A/G |
| tuna (bluefin, albacore, skipjack, bigeye, bonito, yellowfin) and swordfish | longline | none provided | Not applicable | High seas, Western Central Pacific Convention Area | WCPFC, IATTC unspecified mammals, killer whales, false killer whales, seals and a few dolphins. Note 50% of interactions involved injury to animals and 50% had an impact on the fisheries (lost catch) | 3 | A/G |
| tuna (bluefin, albacore, skipjack, bigeye, bonito, yellowfin) and swordfish | longline | 237 | Not applicable | Eastern Tropical Pacific Ocean Inter-American Tropical Tuna Convention Area | IATTC unspecified mammals | 3,4 | A/G |
| tuna (bluefin, albacore, skipjack, bigeye, bonito, yellowfin) and swordfish | longline | none provided | Not applicable | Indian Ocean Indian Ocean Tuna Commission Convention Area | None provided | None provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna (bluefin, albacore, skipjack, bigeye, bonito, yellowfin) and swordfish | longline | 210 vessels including 207 larges scale vessels | Not applicable | Atlantic Ocean International Convention Conservation of Atlantic Tuna Convention Area | None provided | None provided | A/G |
| tuna bluefin | longline | none provided | Not applicable | Southern Bluefin Tuna Convention Area | None provided | None provided | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| None provided | Pound nets | 5139 | Not applicable | Coastal areas of Japan | humpback whales minke whales Bryde's whales sperm whales | humpback whales 11-26<br>minke whales 157 - 366<br>Bryde's whales 1<br>sperm whales 2 | P |
| None provided | Pound nets | 5139 | Not applicable | Coastal areas of Japan | None provided | None provided | A/G |
| None provided | Pound nets | none provided | Not applicable | Akita prefecture | common minke whale | 2 | P |
| None provided | Pound nets | none provided | Not applicable | Aomori prefecture | humpback whales, minke whale | 2, 23 | P |
| None provided | Pound nets | none provided | Not applicable | Chiba prefecture | Common minke whale, fin whale, humpback whale | 7, 1, 2 | P |
| None provided | Pound nets | none provided | Not applicable | Fukui prefecture | common minke whale | 26 | P |
| None provided | Pound nets | none provided | Not applicable | Hokkaido prefecture | common minke whale, humpback whale | 37, 2 | P |
| None provided | Pound nets | none provided | Not applicable | Hyogo prefecture | common minke whale | 1 | P |
| None provided | Pound nets | none provided | Not applicable | Ishikawa prefecture | common minke whale, humpback whale | 92, 1 | P |
| None provided | Pound nets | none provided | Not applicable | Iwate prefecture | fin whale, common minke whale | 2, 32 | P |
| None provided | Pound nets | none provided | Not applicable | Kagoshima prefecture | common minke whale, humpback whale, unidentified large baleen whale | 10, 2, 1 | P |
| None provided | Pound nets | none provided | Not applicable | Kanagawa prefecture | common minke whale, fin whale | 1, 1 | P |
| None provided | Pound nets | none provided | Not applicable | Kochi prefecture | common minke whale, humpback whale | 40, 5 | P |
| None provided | Pound nets | none provided | Not applicable | Kumamoto prefecture | humpback whale | 1 | P |
| None provided | Pound nets | none provided | Not applicable | Kyoto prefecture | common minke whale | 28 | P |
| None provided | Pound nets | none provided | Not applicable | Mie prefecture | common minke whale, humpback whale, fin whale | 22, 2, 1 | P |
| None provided | Pound nets | none provided | Not applicable | Miyagi prefecture | common minke whale, humpback whale | 44, 1 | P |
| None provided | Pound nets | none provided | Not applicable | Miyazaki prefecture | common minke whale, humpback whale | 5, 1 | P |
| None provided | Pound nets | none provided | Not applicable | Nagasaki prefecture | common minke whale, humpback whale | 71, 1 | P |
| None provided | Pound nets | none provided | Not applicable | Niigata prefecture | common minke whale | 10 | P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| None provided | Pound nets | none provided | Not applicable | Oita prefecture | common minke whale, humpback whale, fin whale | 1, 3, 1 | P |
| None provided | Pound nets | none provided | Not applicable | Okinawa prefecture | humpback whale | 1 | P |
| None provided | Pound nets | none provided | Not applicable | Saga prefecture | common minke whale | 2 | P |
| None provided | Pound nets | none provided | Not applicable | Shimane prefecture | common minke whale | 22 | P |
| None provided | Pound nets | none provided | Not applicable | Shizuoka prefecture | common minke whale, humpback whale | 21, 5 | P |
| None provided | Pound nets | none provided | Not applicable | Tokushima prefecture | common minke whale | 1 | P |
| None provided | Pound nets | none provided | Not applicable | Toyama prefecture | common minke whale, humpback whale | 40, 1 | P |
| None provided | Pound nets | none provided | Not applicable | Wakayama prefecture | common minke whale, humpback whale | 19, 3 | P |
| None provided | Pound nets | none provided | Not applicable | Yamaguchi prefecture | common minke whale | 11 | P |
| None provided | Pound nets | none provided | Not applicable | none provided | North Pacific right whale, unidentified large baleen whale | 1, 1 | P |
| None provided | Pound nets | 5139 | Not applicable | Coastal areas of Japan | None provided | None provided | A/G |
| None provided | gillnet | 10928 | Not applicable | Hokkaido | humpback whales | 1 | A/G, P |
| None provided | traps | none provided | not applicable | Chiba | humpback whales | 1 | A/G, P, N/I |
| None provided | traps | none provided | not applicable | Ishikawa | humpback whales | 1 | A/G, P, N/I |
| None provided | traps | none provided | not applicable | Kochi | humpback whales | 1 | A/G, P, N/I |
| None provided | traps | none provided | not applicable | Oita | humpback whales | 1 | A/G, P, N/I |
| None provided | traps | none provided | not applicable | Nagasaki | humpback whales | 1 | A/G, P, N/I |
| None provided | traps | none provided | not applicable | Kagoshima | unspecified large baleen whale | 1 | A/G, P, N/I |
| None provided | traps | none provided | not applicable | Iwate | fin whale | 1 | A/G, P, N/I |
| abalone | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I |
| abalone | gillnet | none provided | Not applicable | None provided | None provided | None provided | N/I |
| abalone | set nets | none provided | Not applicable | None provided | None provided | None provided | N/I |
| seaweed | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I |
| seaweed | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I |
| seaweed | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I |
| tuna (bluefin, albacore, skipjack, bigeye, bonito) and swordfish | trawl | none provided | Not applicable | None provided | None provided | None provided | N/I |
| tuna (bluefin, albacore, skipjack, bigeye, bonito) and swordfish | purse seine | none provided | Not applicable | High seas, Western Central Pacific Convention Area | WCPFC unspecified mammals | 11 | |
| tuna (bluefin, albacore, skipjack, bigeye, bonito) and swordfish | purse seine | 46 | Not applicable | Eastern Tropical Pacific Ocean Inter-American Tropical Tuna Convention Area | None provided | None provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna (bluefin, albacore, skipjack, bigeye, bonito, yellowfin) and swordfish | driftnet | none provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| tuna (bluefin, albacore, skipjack, bigeye, bonito, yellowfin) and swordfish | gillnet | none provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| tuna (bluefin, albacore, skipjack, bigeye, bonito, yellowfin) and swordfish | set nets | none provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| tuna (bluefin, albacore, skipjack, bigeye, bonito, yellowfin) and swordfish | troll | None provided | Not applicable | None provided | None provided | None provided | N/I |
| anchovy | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I |
| anchovy | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I |
| anchovy | surrounding net | None provided | Not applicable | None provided | None provided | None provided | N/I |
| anchovy | purse seine | None provided | Not applicable | None provided | None provided | None provided | N/I |
| anchovy | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| anchovy | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I |
| Mackerel (Atka, Jack horse mackerel) | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I |
| Mackerel (Atka, Jack horse mackerel) | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I |
| Mackerel (Atka, Jack horse mackerel) | purse seine | None provided | Not applicable | None provided | None provided | None provided | N/I |
| Mackerel (Atka, Jack horse mackerel) | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| Mackerel (Atka, Jack horse mackerel) | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I |
| Mackerel (Atka, Jack horse mackerel) | troll | None provided | Not applicable | None provided | None provided | None provided | N/I |
| Mackerel (Atka, Jack horse mackerel) | longline | None provided | Not applicable | None provided | None provided | None provided | N/I |
| groundfish (cod, pollock) | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| groundfish (cod, pollock) | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| groundfish (cod, pollock) | surrounding net | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| groundfish (cod, pollock) | purse seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| groundfish (cod, pollock) | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| groundfish (cod, pollock) | driftnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| groundfish (cod, pollock) | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| groundfish (cod, pollock) | troll | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| pollock | aquaculture | not applicable | none provided | None provided | None provided | None provided | N/I |
| chum salmon | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| chum salmon | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| chum salmon | purse seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| chum salmon | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| chum salmon | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| chum salmon | longline | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| Clam | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| Clam | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| Clam | aquaculture | not applicable | none provided | None provided | None provided | None provided | N/I |
| Ark clam | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| Ark clam | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| Ark clam | aquaculture | not applicable | none provided | None provided | None provided | None provided | N/I |
| crab/crustaceans | trawl | None provided | none provided | distant water (China Sea) | None provided | None provided | N/I, A/G |
| crab/crustaceans | trawl | None provided | none provided | off-shore | None provided | None provided | N/I, A/G |
| crab/crustaceans | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| crab/crustaceans | purse seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| crab/crustaceans | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| crab/crustaceans | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| crab/crustaceans | aquaculture | not applicable | none provided | None provided | None provided | None provided | N/I |
| cuttlefish | trawl | None provided | none provided | distant water (China Sea) | None provided | None provided | N/I, A/G |
| cuttlefish | trawl | None provided | none provided | off-shore | None provided | None provided | N/I, A/G |
| cuttlefish | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| cuttlefish | surrounding net | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| cuttlefish | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| cuttlefish | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| cuttlefish | troll | None provided | none provided | None provided | None provided | None provided | N/I |
| flatfish (flounder, halibut, turbot) | trawl | None provided | none provided | distant water (China Sea) | None provided | None provided | N/I, A/G |
| flatfish (flounder, halibut, turbot) | trawl | None provided | none provided | off-shore | None provided | None provided | N/I, A/G |
| flatfish (flounder, halibut, turbot) | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| flatfish (flounder, halibut, turbot) | surrounding net | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| flatfish (flounder, halibut, turbot) | purse seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| flatfish (flounder, halibut, turbot) | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| flatfish (flounder, halibut, turbot) | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| flatfish (flounder, halibut, turbot) | longline | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| flatfish (flounder, halibut, turbot) | troll | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| herring/sardine | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| herring/sardine | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| herring/sardine | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| herring/sardine | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| king crab | incorrect gear | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| lobster | incorrect gear | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| mussels | incorrect gear | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| molluscs | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| molluscs | surrounding net | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| Octopus | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| Octopus | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| Octopus | surrounding net | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| Octopus | purse seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| Octopus | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| Octopus | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| Octopus | troll | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| Oyster | aquaculture | not applicable | none provided | None provided | None provided | None provided | N/I |
| salmon | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| salmon | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| salmon | purse seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| salmon | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| salmon | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| salmon | longline | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| scallop | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| scallop | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| scallop | aquaculture | not applicable | none provided | None provided | None provided | None provided | N/I |
| sea bass/ seabream | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| sea bass/ seabream | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| sea bass/ seabream | purse seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| sea bass/ seabream | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| sea bass/ seabream | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| sea bass/ seabream | surrounding net | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| sea bass/ seabream | longline | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| sea bass/ seabream | troll | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| sea bass/ seabream | aquaculture | not applicable | none provided | None provided | None provided | None provided | N/I |
| sea cucumber | aquaculture | not applicable | none provided | None provided | None provided | None provided | N/I |
| smelt | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| smelt | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| smelt | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| smelt | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| sea urchin | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| sea urchin | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| sea urchin | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| sea urchin | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| sea urchin | aquaculture | not applicable | none provided | None provided | None provided | None provided | N/I |
| shrimp | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| shrimp | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| shrimp | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| shrimp | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| shrimp | aquaculture | not applicable | none provided | None provided | None provided | None provided | N/I |
| snapper | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| snapper | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| snapper | purse seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| snapper | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| snapper | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| snapper | surrounding net | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| snapper | longline | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| snapper | troll | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| snow crab | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| snow crab | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| snow crab | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| squid | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| squid | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| squid | purse seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| squid | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| squid | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| squid | surrounding net | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| squid | longline | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| squid | troll | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| trout | trawl | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| trout | boat seine | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| trout | gillnet | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| trout | set nets | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| trout | troll | None provided | Not applicable | None provided | None provided | None provided | N/I, A/G |
| trout | aquaculture | not applicable | none provided | None provided | None provided | None provided | N/I |
| | | | | | | | |
| **Kenya** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| octopus, snapper, shells, sea cucumber aquarium fish | hook sticks | 2913 | not applicable | Indian Ocean inshore waters | none | none | A/G |
| octopus, snapper, shells, sea cucumber aquarium fish | scoop nets | 2913 | not applicable | Indian Ocean inshore waters | none | none | A/G |
| **Export Fisheries** | | | | | | | |
| octopus, snapper, shells, sea cucumber aquarium fish | gillnet | 2913 | not applicable | Indian Ocean inshore waters | none | none | A/G |
| | | | | | | | |
| **Kiribati** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Exempt Fisheries** | | | | | | | |
| corals, shell, cuttlebone | hand collection | none provided | Not applicable | Kiribati EEZ and Western Central Pacific Fishing Commission Convention Area | None provided | none provided | A/G |
| Tuna, bigeye, yellowfin, skipjack | purse seine | 21 | Not applicable | Kiribati EEZ, Tuvalu, Marshalls, Cook Islands and Western Central Pacific Fishing Commission Convention Area | None documented | None documented | A/G |
| Tuna, bigeye, yellowfin, skipjack | pole and line | 1 | Not applicable | Kiribati EEZ, Tuvalu, Marshalls, Cook Islands and Western Central Pacific Fishing Commission Convention Area | None documented | None documented | A/G |
| Tuna, bigeye, yellowfin, skipjack | troll, handlining | 4766 | Not applicable | Kiribati EEZ and Western Central Pacific Fishing Commission Convention Area | None documented | None documented | A/G |
| **Export Fisheries** | | | | | | | |
| marine fish, snapper | longline | 16 | Kiribati Fish Ltd, a joint venture with the Kiribati government, Shanghai Deep Sea Fishery and Golden Ocean Fish Ltd. | Kiribati EEZ and Western Central Pacific Fishing Commission Convention Area | None provided | none provided | N/I, A/G |
| Tuna, bigeye, yellowfin, skipjack | longline | 3 | Not applicable | Eastern Tropical Pacific Inter-American Tropical Tuna Commission Convention Area | None provided | none provided | N/I, A/G |
| Tuna, bigeye, yellowfin, skipjack | purse seine | 1 | Not applicable | Eastern Tropical Pacific Inter-American Tropical Tuna Commission Convention Area | None provided | none provided | N/I, A/G |
| Tuna, bigeye, yellowfin, skipjack | longline | 21 | Not applicable | Kiribati EEZ, Tuvalu, Marshalls, Cook Islands and Western Central Pacific Fishing Commission Convention Area | None documented | None documented | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Tuna, bigeye, yellowfin, skipjack | longline | | Not applicable | South Pacific | | | |
| Tuna, bigeye, yellowfin, skipjack | longline | | Not applicable | North Pacific | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Latvia** | | | | | | | |
| **Export Fisheries** | | | | | | | |
| round goby, Atlantic cod, herring, European flounder, Vimba bream, brown trout, Atlantic salmon | gillnet | 206 vessels in coastal mixed fishery | not applicable | Baltic Sea (ICES IIId) | gray seal | 10 | A/G, P |
| round goby, Atlantic cod, herring, European flounder, eelpout, European perch, brown trout, Atlantic salmon | trapnet | 206 vessels in coastal mixed fishery | not applicable | Baltic Sea (ICES IIId) | gray seal | 45 | A/G, P |
| European sprat | trawl | 55 | not applicable | Baltic Sea (ICES IIId) | no information | no information | A/G, C/O |
| herring | trawl | 55 | not applicable | Baltic Sea (ICES IIId) | no information | no information | A/G, C/O |
| Atlantic cod | trawl | 55 | not applicable | Baltic Sea (ICES IIId) | no information | no information | A/G, N/I |
| European flounder | trawl | 55 | not applicable | Baltic Sea (ICES IIId) | no information | no information | A/G, N/I |
| Atlantic cod | gillnet | 4 | not applicable | Baltic Sea (ICES IIId) | possible harbor porpoise interactions | no information | A/G, C/O |
| snow crab | crab pots | 11 | not applicable | Barents Sea and Greenland Sea (ICES I, Iib) | no information | no information | A/G |
| **Liberia** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| fish, croakers, Caranz, Groupers | hook and line | 270 | not applicable | West Central Gulf and Guinea Region | none provided | none provided | A/G |
| barracuda, pike fish, snapper | hook and line | 3150 | not applicable | West Central Gulf and Guinea Region | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |
| crustaceans, lobsters, crab | trap | 3150 | not applicable | West Central Gulf and Guinea Region | none provided | none provided | A/G |
| herring, flying fish | ringnet | 270 | not applicable | West Central Gulf and Guinea Region | none provided | none provided | N/I |
| Penaeid, snappers | trawl | 40 | not applicable | West Central Gulf and Guinea Region | none provided | none provided | N/I |
| tuna yellowfin, bigeye, sailfish | gillnet, set | 270 | not applicable | West Central Gulf and Guinea Region | none provided | none provided | A/G |
| Tuna and Tuna-like species | purse seine | 28 E.U. purse seiners | not applicable | West Africa | none provided | none provided | A/G |
| Tuna and Tuna-like species | longline, surface | 6 E.U. Surface longliners | not applicable | West Africa | none provided | none provided | A/G |
| **Libya** | | | | | | | |
| **Export Fisheries** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| bluefin tuna | purse seine | 14 | not applicable | EEZ and International Convention for the Conservation of Atlantic Tuna Convention Area | none provided | none provided | A/G |
| bluefin tuna | longline | 1 | not applicable | EEZ and International Convention for the Conservation of Atlantic Tuna Convention Area | none provided | none provided | N/I, A/G |
| **Lithuania** | | | | | | | |
| **Export Fisheries** | | | | | | | |
| snow crab | cages | 3 | not applicable | Barents Sea (NEAFC 27.1.a) | Baikal seal, Cetaceans | None documented | A/G, C/O |
| redfish | Trawl | 1 | not applicable | Barents Sea, Northeast Atlantic, and Greenland Sea (IIa; XII; XIV) | Cetaceans | None documented | A/G, C/O |
| jack mackerel | Trawl | 1 | not applicable | Southeast Pacific (FAO 87) | Cetaceans | None documented | A/G, C/O |
| northern shrimp | trawl, bottom | 2 | not applicable | Barents Sea, Norwegian Sea (27 Ia, II2, Ib) | white-beaked dolphin, baleen whales, harp seal | None documented | A/G, C/O |
| Atlantic herring, Atlantic sprat | trawl, pelagic pair | 3 | not applicable | Baltic Sea (FAO Zone 27.3) | Harbor porpoise | None documented | A/G, C/O |
| Atlantic herring, Atlantic sprat | trawl,pelagic midwater otter | 23 | not applicable | Baltic Sea (FAO Zone 27.3) | Harbor porpoise | None documented | A/G, C/O |
| Atlantic cod | gillnet | 64 | not applicable | Baltic Sea (FAO Zone 27.3) | gray seal, possible harbor porpoise interactions | None documented | A/G, C/O |
| Atlantic cod | trawl, bottom otter | 20 | not applicable | Baltic Sea (FAO Zone 27.3) | Harbor porpoise, gray seal | None documented | A/G, C/O |
| **Madagascar** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| seaweed | aquaculture | not applicable | IBIS Madagascar | northeast region of Madagascar | none provided | none provided | A/G |
| seaweed | hand collection | none provided | none provided | none provided | none provided | none provided | A/G |
| corals, shell, cuttlebone | hand collection | none provided | none provided | none provided | none provided | none provided | N/I |
| shrimp | aquaculture | not applicable | none provided | Western Indian Ocean | none provided | none provided | A/G, N/I |
| **Export Fisheries** | | | | | | | |
| shrimp | trawl | 50 | not applicable | central, northwest, east coast of Madagascar | none provided | none provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna (yellowfin, skipjack, marlins, sharks) | longline | 7 | not applicable | Indian Ocean Tuna Commission Convention Area | Dugong, small & large cetaceans | none provided | A/G, N/I |
| tuna (yellowfin, skipjack, marlins, sharks) | purse seine | 41 France, 48 Spain, 7 Portugal, 1 Italy | not applicable | Indian Ocean Tuna Commission Convention Area | Dugong, small & large cetaceans | none provided | A/G, N/I |
| tuna (yellowfin, skipjack, marlins, sharks) | longline | 24 Spain, 6 Portugal, 10 France | not applicable | Indian Ocean Tuna Commission Convention Area | Dugong, small & large cetaceans | none provided | A/G, N/I |
| **Export Fisheries with No Information** | | | | | | | |
| grouper | gillnet | none provided | none provided | none provided | Dugong, small & large cetaceans | none provided | A/G, N/I |
| marine fish | gillnet | none provided | none provided | none provided | Dugong, small & large cetaceans | none provided | A/G, N/I |
| molluscs | none provided | none provided | not applicable | none provided | none provided | none provided | N/I |
| | | | | | | | |
| **Malaysia** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| coral, shells | aquaculture | not applicable | none provided | none provided | none provided | none provided | |
| crab | trap | none provided | Not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| crab | aquaculture | not applicable | none provided | Peninsular and East Malaysia | none provided | none provided | |
| cuttlefish | hook and line | none provided | not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| mackerel | hook and lines | none provided | not applicable | Peninsular and East Malaysia | none provided | none provided | A/G |
| marine fish NSPF | hook and lines | none provided | not applicable | Peninsular and East Malaysia | none provided | none provided | A/G |
| oysters | aquaculture | not applicable | none provided | Peninsular and East Malaysia | none provided | none provided | |
| sardine | hook and lines | none provided | not applicable | Peninsular and East Malaysia | none provided | none provided | A/G |
| shrimp warm- water | aquaculture | not applicable | none provided | Peninsular and East Malaysia | none provided | none provided | |
| squid | jig | none provided | not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| tuna | hook and lines | none provided | not applicable | Malacca Straits | none provided | none provided | N/I,A/G |
| **Export Fisheries** | | | | | | | |
| anchovy, sardine | purse seine | 2952 | not applicable | coastal | none provided | none provided | N/I,A/G |
| cuttlefish | purse seine | 900 | not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| crab | trawl | none provided | Not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| cuttlefish | trawl | none provided | not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| dolphinfish | longline | none provided | none provided | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| dolphinfish | purse seine | none provided | none provided | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| jellyfish | trawl | none provided | not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| mackerel | trawl | none provided | not applicable | west coast of Peninsular Malaysia. | none provided | none provided | N/I,A/G |
| mackerel | troll | none provided | not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| mackerel | purse seine | 900 | not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| mackerel | driftnet | none provided | not applicable | Peninsular and East Malaysia | dugongs and dolphins | none provided | N/I,A/G |
| mackerel | longline | none provided | not applicable | Malacca Straits | none provided | none provided | N/I,A/G |
| marine fish NSPF | trawl | none provided | not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| marine fish NSPF | purse seine | 900 | not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| marine fish NSPF | drift net | none provided | not applicable | Peninsular and East Malaysia | dugongs and dolphins | none provided | N/I,A/G |
| octopus | trawl | none provided | not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| sardine | trawl | none provided | not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| sardine | driftnet | none provided | not applicable | Peninsular and East Malaysia | dugongs and dolphins | none provided | N/I,A/G |
| shrimp | trawl | not applicable | none provided | west coast of Peninsular Malaysia. | none provided | none provided | A/G |
| squid | trawl | none provided | not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| squid | purse seine | none provided | not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| tuna (albacore, yellowfin, swordfish) | longline | 5-15 | not applicable | Indian Ocean Tuna Commission Convention Area | none provided | none provided | N/I,A/G |
| tuna | gillnet | none provided | not applicable | Malacca Straits | dugongs and dolphins | none provided | N/I,A/G |
| tuna | purse seine (large scale) | 0* | not applicable | Eastern Indian Ocean, Indian Ocean Tuna Commission Convention Area | none provided | none provided | N/I,A/G |
| tuna | purse seine (Artisanal) | none provided | not applicable | Malacca Straits | none provided | none provided | N/I,A/G |
| tuna | trawl | none provided | not applicable | Malacca Straits | none provided | none provided | N/I,A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna | troll | 0* | not applicable | Eastern Indian Ocean, Indian Ocean Tuna Commission Convention Area | none provided | none provided | N/I,A/G |
| **Export Fisheries with No Information** | | | | | | | |
| groundfish | none provided | none provided | not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| lobster | none provided | none provided | not applicable | Peninsular and East Malaysia | none provided | none provided | N/I,A/G |
| | | | | | | | |
| **Maldives Islands** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| Snapper, grouper, jacks | Handline | none provided | not applicable | atolls and EEZ of Maldives | none provided | none provided | A/G |
| Tuna, yellowfin, bigeye, albacore, dogtooth tuna, little tuna, frigate tuna, swordfish | handline, pole and line | 796 | Maldives Industrial Fishing Company | Indian Ocean, Indian Ocean Tuna Commission Convention Area and Maldives EEZ, North and South Thiladhunmathi, Miladhunmadulu, Maalhosmadulu, Faadhippolhu, Male Atoll, North and South Ari Atoll, Feldihu Atoll, Mulaku Atoll, North and South Nilandhe, Kolhumadulu, Hadhdhunmathi, North and South Huvandhu, Fuvahmulah, Addu | none documented | none documented | A/G |
| **Export Fisheries** | | | | | | | |
| Snapper, grouper, jacks | longline | none provided | not applicable | atolls and EEZ of Maldives | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Tuna, yellowfin, bigeye, albacore, dogtooth tuna, little tuna, frigate tuna, swordfish | longline | 70 | Maldives Industrial Fishing Company | Indian Ocean, Indian Ocean Tuna Commission Convention Area and Maldives EEZ, North and South Thiladhunmathi, Miladhunmadulu, Maalhosmadulu, Faadhippolhu, Male Atoll, North and South Ari Atoll, Feldihu Atoll, Mulaku Atoll, North and South Nilandhe, Kolhumadulu, Hadhdhunmathi, Nor | none documented | none documented | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| groundfish | none provided | none provided | none provided | atolls and EEZ of Maldives | none provided | none provided | N/I |
| mackerel, jack, horse, scad, rainbow runner | none provided | none provided | none provided | atolls and EEZ of Maldives | none provided | none provided | N/I |
| molluscs | none provided | none provided | none provided | atolls and EEZ of Maldives | none provided | none provided | N/I |
| marine fish | none provided | none provided | none provided | atolls and EEZ of Maldives | none provided | none provided | N/I |
| seaweed | none provided | none provided | none provided | atolls and EEZ of Maldives | none provided | none provided | N/I |
| | | | | | | | |
| **Malta** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| Bluefin tuna | Aquaculture, with fish sourced from other nations' Purse Seine vessels | not applicable | 5 farms | Mediterranean Sea (FAO Zones 37) | no information | no information | |
| **Export Fisheries** | | | | | | | |
| Bluefin tuna, albacore, bullet tuna, bonito, mahi mahi, little tunny | longline | 40 | not applicable | Mediterranean Sea and Atlantic regions (FAO Zones 37) | possible false-filler whale, Risso's dolphin interactions | no information | A/G,C/O |
| swordfish | longline | none provided | not applicable | Mediterranean Sea (FAO Zones 37) | possible false-filler whale, Risso's dolphin interactions | no information | A/G,C/O |
| | | | | | | | |
| **Marshall Islands** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| clam | aquaculture | not applicable | not applicable | Ailuk, Aur, Jaluit, Likiep, Maloelap, Ujae, Wotje, Arno, Wau Island, Majuro | none provided | none provided | N/I, A/G |
| coral | diving | none provided | none provided | Majuro lagoon, and outer reef | none provided | none provided | N/I, A/G |
| groundfish, marine fish (deep slope fishing) | castnet | 56 | none provided | Arno and Majuro | none provided | none provided | N/I, A/G |
| grouper, snapper | spearfishing, handline | none provided | none provided | Arno and Majuro | none provided | none provided | N/I, A/G |
| Sea cucumber | hand picking by free-diving, or wading (reef walking) during daylight hours | The fisheries may possibly be closed. | | Majuro Atoll | | | N/I, A/G |
| tuna, yellowfin, bigeye, skipjack, albacore, dolphinfish, swordfish | pole and line, trolling (small-scale) | 13 | The Marshall Islands Fishing Venture (MIFV) | none provided | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |
| groundfish, marine fish (deep slope fishing) | troll | 56 | none provided | Arno and Majuro | none provided | none provided | N/I, A/G |
| groundfish, marine fish (deep slope fishing) | gillnet | 56 | none provided | Arno and Majuro | none provided | none provided | N/I, A/G |
| grouper, snapper | longline, troll | none provided | none provided | Arno and Majuro | none provided | none provided | N/I, A/G |
| tuna, yellowfin, bigeye, skipjack, albacore, dolphinfish, swordfish | longline | 50 | not applicable | EEZ and Western Central Pacific, Western Central Pacific Fisheries Commission convention area | none provided | none provided | A/G |
| tuna, yellowfin, bigeye, skipjack, albacore, dolphinfish, swordfish, shark | purse seine | 162 Foreign vessels, 12 from the Marshall Islands | Pan Pacific Foods RMI (PPF), MIMRA, Koo's Fishing Company, Ltd (KFC) | EEZ and Western Central Pacific, Western Central Pacific Fisheries Commission convention area | False killer whale, spinner dolphin, rough-toothed dolphin, melon-headed whale, Risso's dolphin, bottlenose dolphin | 14 (unk), 17 (dead), 4 (unk), 1 (alive), 2 (alive) | P, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| snail | none provided | none provided | not applicable | none provided | none provided | none provided | N/I |
| oyster, molluscs | none provided | none provided | none provided | none provided | none provided | none provided | N/I |

## Mauritania

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Exempt Fisheries** | | | | | | | |
| octopus | jig | Max 6 E.U. | none provided | none provided | none provided | none provided | A/G |
| sea cucumbers, abalone | diving | none provided | none provided | none provided | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna | pole and line | Max 15 E.U. pole-and-line and surface long-liners | none provided | none provided | none provided | none provided | N/I |
| **Export Fisheries** | | | | | | | |
| cuttlefish, squid (Cephalopods) | authorized by catch from black hake trawling | Max 6 E.U. non-freezer trawlers | Not applicable | Atlantic Ocean EEZ | none provided | none provided | N/I, A/G |
| squid | closed for commercial fishing except with E.U. agreement | not applicable | Not applicable | | none provided | none provided | N/I, A/G |
| crustacean (spiny lobster, and crab) | pot, trap | Max 25 E.U. vessels | Not applicable | Atlantic Ocean EEZ | none provided | none provided | N/I, A/G |
| Demersal marine fish other than hake (flatfish, sole, turbot) | trawl, artisanal fishing | Max 19 E.U. freezer trawlers. Max 2 E.U. non-freezer trawlers | Not applicable | Atlantic Ocean EEZ | none provided | none provided | N/I, A/G |
| groundfish (Pelagic) | trawl, artisanal fishing | Max 19 E.U. freezer trawlers. Max 2 E.U. non-freezer trawlers | Not applicable | Atlantic Ocean EEZ | none provided | none provided | N/I, A/G |
| mackerel (Pelagic), seabream | trawl, artisanal fishing | Max 6 E.U. | Not applicable | Atlantic Ocean EEZ | none provided | none provided | N/I, A/G |
| pelagic fishes, sardines, anchovy, shad | purse seine | 900 | Not applicable | Atlantic Ocean EEZ | none provided | none provided | N/I, A/G |
| Sardinella, sardine, horse mackerel | trawl, pelagic | 40-70 | Not applicable | Mauritania EEZ | common dolphins, bottlenose dolphins Tursiops, and white-sided dolphins | none provided | N/I, A/G, C/O |
| Black hake | longline, bottom | Max 6 E.U. non-freezer longliners | Not applicable | Atlantic Ocean EEZ | none provided | none provided | N/I, A/G |
| Black hake | trawl, bottom | Max 6 E.U. non-freezer trawlers | Not applicable | Atlantic Ocean EEZ | none provided | none provided | N/I, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| octopus | pots | none provided | none provided | none provided | none provided | none provided | N/I |
| octopus | trawl, bottom | none provided | none provided | none provided | none provided | none provided | N/I |
| molluscs | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| tuna | purse seine | Max 25 E.U. purse seiner | none provided | none provided | none provided | none provided | N/I |
| tuna | longline | Max 15 E.U. pole-and-line and surface long-liners | none provided | none provided | none provided | none provided | N/I |
| shrimp | trawl | none provided | none provided | none provided | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Mauritius** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| demersal fishing, flatfish, sole, turbot | hook and line, harpoon | none provided | Mauritius EEZ | Mauritius EEZ | none provided | none provided | N/I, A/G |
| flatfish, sole, turbot (demersal species) | basket traps | none provided, none documented | Mauritius EEZ | Mauritius EEZ | none provided | none provided | N/I, A/G |
| pelagic fish, seabass, snapper | hook and line, harpoon | none provided | Mauritius EEZ | Mauritius EEZ | none provided | none provided | N/I, A/G |
| pelagic fish, seabass, snapper | basket traps | none provided, none documented | Mauritius EEZ | Mauritius EEZ | none provided | none provided | N/I, A/G |
| tuna (albacore, skipjack, yellowfin, bigeye, mackerel, dolphinfish, marlin, swordfish) | purse seine | 7 - 43 | The Thone de Mascareignes, a joint Mauritian Spanish venture canning factory | Indian Ocean, Indian Ocean Tuna Commission Convention Area, predominantly just outside the EEZ, between latitudes 01ºN-14ºS and longitudes 49ºE-69ºE | none documented | none documented | N/I |
| **Export Fisheries** | | | | | | | |
| flatfish, sole, turbot (demersal species) | gillnet | none provided, none documented | Mauritius EEZ | Mauritius EEZ | none provided | none provided | N/I, A/G |
| pelagic fish, seabass, snapper | gillnet | none provided, none documented | Mauritius EEZ | Mauritius EEZ | none provided | none provided | N/I, A/G |
| swordfish, tuna (albacore, yellowfin, bigeye, billfishes, short-fin mako shark) | longline | 3 - 183 | not applicable | Indian Ocean, Indian Ocean Tuna Commission Convention Area, within the EEZ, between latitudes 15°S-20°S and longitudes 55°E-61°E | none documented | none documented | N/I |
| swordfish, tuna (albacore, yellowfin, bigeye, billfishes, short-fin mako shark) | trawl, midwater | 3 | not applicable | Indian Ocean, Indian Ocean Tuna Commission Convention Area, within the EEZ, between latitudes 15°S-20°S and longitudes 55°E-61°E | none documented | none documented | N/I |
| **Export Fisheries with No Information** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| marine fish, emperor fish | gillnet | 2256 dories boat, 8 mother vessels (frozen on board or storing) | not applicable | Mauritius EEZ | none provided | none provided | N/I |
| orange roughy | none provided | none provided | not applicable | none provided | none provided | none provided | N/I |
| rock lobster | none provided | none provided | not applicable | none provided | none provided | none provided | N/I |
| | | | | | | | |
| | | | | **Mexico** | | | |
| **Exempt Fisheries** | | | | | | | |
| yellowfin (skipjack, bluefin, albacore, bigeye, black skipjack) | pole and line | 15 | not applicable | Inter-American Tropical Tuna Commission convention area | no information | none documented | IATTC |
| corvina | handline | none provided | not applicable | northern Gulf of California | vaquita, common dolphin, humpback whale, California sea lions | none documented | PACE |
| octopus | diving | 1188 small vessels/12 large vessels | not applicable | Gulf of California: Mexican EEZ region 1 | no information | no information | |
| octopus | gaffs | 1188 small vessels/12 large vessels | not applicable | Gulf of California: Mexican EEZ region 1 | no information | no information | |
| octopus | baited pole | 364 large vessels/5,154 | not applicable | Gulf of Mexico: Mexican EEZ region 3 | no information | no information | |
| octopus | baited pole | 364 large vessels/5,154 | not applicable | Gulf of Mexico: Mexican EEZ region 4 | no information | no information | |
| lobster | traps | vessels/963 small vessels | not applicable | Gulf of Mexico: Mexican EEZ region 4 | bottlenose dolphin | no information | |
| lobster | traps | 287 small vessels | not applicable | Gulf of California: Mexican EEZ region 1 | bottlenose dolphin | no information | |
| dorado/mahi mahi | pole and line/sport fishing | none provided | not applicable | Gulf of Mexico | no information | no information | |
| Abalone (red, green, yellow) | diving | 165 | not applicable | Baja California | no information | no information | |
| Abalone (red, green, yellow) | aquaculture | none provided | none provided | Baja California | no information | no information | |
| Hard clam (Chione spp.) | diving | 1139 small vessels | not applicable | Pacific Ocean | no information | no information | |
| Japanese carpet shell | aquaculture | none provided | not applicable | none provided | no information | no information | |
| Tuna (Pacific bluefin, yellowfin, bigeye) | aquaculture -- bluefin: cage, floating, tank | not applicable | none provided | Bluefin: Gulf of California/Baja | no information | no information | |
| Oyster (American cupped, Pacific cupped, Cortez, Western wing, Mazatlán pearl) | aquaculture -- Pacific cupped oyster: bottom culture | not applicable | none provided | Gulf of California/Baja | not applicable | not applicable | |
| Pacific lion's paw | diving | not applicable | not applicable | Baja California | no information | no information | |
| geoduck clam | aquaculture | not applicable | not applicable | Baja California y Sonora | no information | no information | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| crab | traps and hoops | 1634 small vessels | not applicable | Gulf of Mexico | bottlenose dolphin | no information | C/O, A/G |
| crab, swimming crab | traps and hoops | 1848 small vessels | not applicable | Pacific Ocean | bottlenose dolphin | no information | C/O, A/G |
| flatfish (dole, turbot, halibut, flounder), whitefish | handline | 248 large vessels/5,743 small vessels | not applicable | Pacific Ocean | no information | no information | N/I, A/G |
| sea bass | pole and line/sport fishing | none provided | not applicable | In dam | no information | no information | N/I, A/G |
| sea urchin | diving with hook | 220 small vessels | not applicable | West Coast of Baja California | no information | no information | N/I, A/G |
| seaweed | diving/manual harvesting | 66 small vessels | not applicable | Pacific Ocean and Gulf of California | no information | no information | N/I, A/G |
| swordfish | pole and line/sport fishing | none provided | not applicable | Pacific Ocean | no information | no information | N/I, A/G |
| **Export Fisheries** | | | | | | | |
| yellowfin tuna (bluefin, swordfish, sailfish, marlin, sharks) | longline | 28 | not applicable | Gulf of Mexico: Mexican EEZ region 3 | Risso's dolphin, pilot whales | none documented | C/O, A/G |
| yellowfin tuna (bluefin, swordfish, sailfish, marlin, sharks) | longline | 28 | not applicable | Gulf of Mexico: Mexican EEZ region 4 | Risso's dolphin, pilot whales | none documented | C/O, A/G |
| yellowfin (skipjack, bluefin, albacore, bigeye, black skipjack) | longline | 159 | not applicable | Inter-American Tropical Tuna Commission Convention area | Risso's dolphin, pilot whales | none documented | C/O, A/G |
| yellowfin/bluefin (skipjack, albacore, bigeye, black skipjack) | purse seine | none provided (vessels less than 400 short tons) | not applicable | Mexican Pacific EEZ; Inter-American Tropical Tuna Commission convention area | eastern spinner dolphin, offshore spotted dolphin, whitebelly spinner dolphin, striped dolphin, common dolphin | none documented | C/O, A/G |
| yellowfin (skipjack, bluefin, albacore, bigeye, black skipjack) | gillnet | 1 | not applicable | Inter-American Tropical Tuna Commission Convention area | eastern spinner dolphin, offshore spotted dolphin, whitebelly spinner dolphin, striped dolphin, common dolphin | none documented | C/O, A/G |
| corvina | gillnet | 734 | not applicable | northern Gulf of California | vaquita, common dolphin, humpback whale, California sea lions | several per year | C/O, A/G |
| corvina | trawl | none provided | not applicable | northern Gulf of California | vaquita, common dolphin, humpback whale, California sea lions | several per year | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| shrimp | trawl | 37 large vessels/3528 small vessels | not applicable | Baja Sur: Mexican EEZ region 2 | bottlenose dolphin, common dolphin | no information | C/O, A/G |
| shrimp | trawl | 150 large vessels/3042 small vessels | not applicable | Gulf of Mexico: Mexican EEZ region 3 | bottlenose dolphin, common dolphin | no information | C/O, A/G |
| shrimp | trawl | 158 large vessels/854 small vessels | not applicable | Gulf of Mexico: Mexican EEZ region 4 | bottlenose dolphin, common dolphin | no information | C/O, A/G |
| finfish | none provided | none provided | not applicable | Northern Gulf of California | vaquita, common dolphin, humpback whale, California sea lions | no information | C/O, A/G |
| octopus | traps | 302 small vessels | not applicable | Baja Sur: Mexican EEZ region 2 | no information | no information | C/O, A/G |
| sardines, mackerel | purse seine | Maximum 22 vessels in operation | not applicable | West Coast B.C.:Region 1 (Ensenada e Isla de Cedros) | no information | no information | C/O, A/G |
| sardines, mackerel | gillnet | none provided | not applicable | Gulf of California: Mexican EEZ region 1 | vaquita, common dolphin, humpback whale, California sea lions | no information | C/O, A/G |
| herring | purse seine | none provided | not applicable | none provided | no information | no information | C/O, A/G |
| herring | gillnet | none provided | not applicable | none provided | no information | no information | C/O, A/G |
| red snapper | gillnet and longline | none provided | not applicable | Gulf de México | no information | no information | C/O, A/G |
| grouper | longline | none provided | not applicable | Gulf of Mexico: Mexican EEZ region 3 | pilot whales, Risso's dolphin | no information | C/O, A/G |
| grouper | longline | 7 mother vessels/21 medium vessels/1210 small vessels | not applicable | Gulf of Mexico: Mexican EEZ region 4 | pilot whales, Risso's dolphin | no information | C/O, A/G |
| lobster | tangle nets | none provided | not applicable | Gulf of California: Mexican EEZ region 1 | no information | no information | C/O, A/G |
| giant squid/Humboldt, cuttlefish | pots and creels | 210 large vessels/1514 small vessels | not applicable | Gulf of California: Mexican EEZ region 1 | no information | no information | C/O, N/I |
| squid/Humboldt, cuttlefish | pots and creels | 5 large vessels | not applicable | Pacific Ocean | no information | no information | C/O, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| sharks | longline | 70 small vessels | not applicable | Gulf of California: Mexican EEZ region 1 | vaquita, common dolphin, humpback whale, California sea lions | several per year | C/O, A/G |
| sharks | gillnet | 569 small vessels | not applicable | Gulf of California: Mexican EEZ region 1 | vaquita, common dolphin, humpback whale, California sea lions | several per year | C/O, A/G |
| sharks | longline | 61 small vessels | not applicable | Baja Sur: Mexican EEZ region 2 | Risso's dolphin, pilot whales | no information | C/O, A/G |
| sharks | gillnet | 502 small vessels | not applicable | Baja Sur: Mexican EEZ region 2 | no information | no information | C/O, A/G |
| sharks | longline | 115 small vessels | not applicable | Gulf of Mexico: Mexican EEZ region 3 | Risso's dolphin, pilot whales | no information | C/O, A/G |
| sharks | gillnet | none provided | not applicable | Gulf of Mexico: Mexican EEZ region 3 | bottlenose dolphin | no information | C/O, A/G |
| sharks | longline | 4 large vessels/288 small vessels | not applicable | Gulf of Mexico: Mexican EEZ region 4 | no information | no information | C/O, A/G |
| sharks | gillnet | 121 small vessels | not applicable | Gulf of Mexico: Mexican EEZ region 4 | Risso's dolphin, pilot whales | no information | C/O, A/G |
| flatfish (dole, turbot, halibut, flounder), whitefish | gillnet | 248 large vessels/5,743 small vessels | not applicable | Pacific Ocean | no information | no information | N/I, A/G |
| flatfish (dole, turbot, halibut, flounder), whitefish | longline | 248 large vessels/5,743 small vessels | not applicable | Pacific Ocean | no information | no information | N/I, A/G |
| sablefish, groundfish (cod, hake) | longline | 2 small vessels | not applicable | West Coast of Baja California | no information | no information | N/I, A/G |
| flatfish (dole, turbot, halibut, flounder), whitefish | traps | 248 large vessels/5,743 small vessels | not applicable | Pacific Ocean | no information | no information | N/I, A/G |
| sablefish, groundfish (cod, hake) | traps | 2 small vessels | not applicable | West Coast of Baja California | no information | no information | N/I, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| cobia | none provided | none provided | not applicable | none provided | no information | no information | N/I |
| Silverside (pike, blacknose, longjaw, bigmouth, shortfin) | aquaculture | not applicable | not applicable | none provided | no information | no information | N/I |
| conch | none provided | not applicable | not applicable | none provided | no information | no information | N/I |
| eels | aquaculture | not applicable | none provided | none provided | no information | no information | N/I |
| lobster (homarus spp.) | none provided | none provided | not applicable | none provided | no information | no information | N/I |

## Morocco

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Exempt Fisheries** | | | | | | | |
| Octopus, Cuttlefish, Squid, and Other Cephalopods | jig | | not applicable | Mediterranean Sea | None provide | None provided | A/G, N/I |
| Tuna, Swordfish | Handline | None provided | not applicable | Mediterranean Sea and International Convention for the Conservation of Atlantic Tuna Convention Area | None provide | None provided | A/G, |
| Algae | Diving | 1157 | not applicable | Areas near Sidi Moussa, Cape Tamlet, Cape Juby, Cape Levin | None provide | None provided | A/G |
| Mussels, shellfish | hand collection | 100 participants | not applicable | Coastal and intertidal zone | None provide | None provide | A/G |
| Red Coral | Diving | 10 | not applicable | Cape Spartel-Larache | None provide | None provide | A/G |
| **Export Fisheries** | | | | | | | |
| Octopus, Cuttlefish, Squid, and Other Cephalopods | Trawl | 633 (coastal) 16 (pelagic) 226 (cephalopod) | not applicable | Mediterranean Sea between Tangier and Saadia | None provide | None provided | A/G, N/I |
| Octopus | Pots | None provide | not applicable | Mediterranean Sea between Tangier and Boujdour | None provide | None provided | A/G, N/I |
| Sardine, anchovy | Purse Seine | 654 | not applicable | Mediterranean Sea | Dolphins | None provided | A/G, N/I |
| Sardine, anchovy | Purse Seine | 654 | not applicable | Atlantic Ocean | None provide | None provided | A/G, N/I |
| Shrimp | Trawl | 617 (coastal) 16 (pelagic) | not applicable | Atlantic Ocean | None provide | None provided | A/G, N/I |
| Tuna, Swordfish | Purse Seine | 2 | not applicable | Mediterranean Sea, Gibraltar Detroit | dolphins, killer whales | None provided | A/G, N/I |
| Tuna, Swordfish | Purse Seine | 2 | not applicable | Atlantic Ocean (International Convention for the Conservation of Atlantic Tuna Convention Area) | None provide | None provided | A/G, N/I |
| Tuna, Swordfish | Longline | 446 | not applicable | Mediterranean Sea, Gibraltar Detroit | dolphins, killer whales | None provided | A/G, N/I |
| Tuna, Swordfish | Longline | 446 | not applicable | Atlantic Ocean (International Convention for the Conservation of Atlantic Tuna Convention Area) | None provide | None provided | A/G, N/I |
| Mackerel | Purse Seine | None provided | not applicable | Mediterranean Sea | None provide | None provided | A/G, N/I |
| Mackerel | Purse Seine | None provided | not applicable | Atlantic Ocean | None provide | None provided | A/G, N/I |
| Mackerel | Trawl | 22 | not applicable | Bay of El Hoceima | None provide | None provided | A/G, N/I |
| Sea bass, sea bream, mullet, and hake | Trawl | 617 (coastal) 16 (pelagic) | not applicable | Atlantic Ocean | None provide | None provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Mozambique** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| small pelagic, and small demersal marine fish and shrimp | beach seine | 9,916 | not applicable | nearshore Mozambique, provinces of Nampula, Zambezia, Sofala, Inhambane and Maputo | none provided | none provided | A/G, N/I |
| small pelagic, and small demersal marine fish and shrimp | hand line, trap | 13,853 | not applicable | nearshore Mozambique, provinces of Nampula, Zambezia, Sofala, Inhambane and Maputo | none provided | none provided | A/G, N/I |
| coral, shells, cuttlebone | diving, hand collection | 10 | none provided | Cape Spartel-Larache | none provided | none provided | A/G, N/I |
| **Export Fisheries** | | | | | | | |
| fish and crustaceans (lobster, rock lobster, lobster, crab, shrimp, prawns, crayfish, squid, grouper, snapper, emperor and seabream) | gillnet | 187 industrial vessels, 15,000 small-scale artisanal fishing | not applicable | Sofala bank, Delagoa bight, Mozambique channel | Indian humpback dolphin: dolphins, whales dugongs | 7.5 Indian humpback dolphin/yr. bycatch mortality in Indian Ocean coast of Africa | A/G, N/I |
| fish and crustaceans (lobster, rock lobster, lobster, crab, shrimp, prawns, crayfish, squid, grouper, snapper, emperor and seabream) | pot, trap | 187 industrial vessels, 15,000 small-scale artisanal fishing | not applicable | Sofala bank, Delagoa bight, Mozambique channel | none provided | none provided | A/G, N/I |
| small pelagic, and small demersal marine fish and shrimp | gillnet | 20,396 | not applicable | nearshore Mozambique, provinces of Nampula, Zambezia, Sofala, Inhambane and Maputo | Indian humpback dolphin: dolphins, whales dugongs | 7.5 Indian humpback dolphin/yr. bycatch mortality in Indian Ocean coast of Africa | A/G, N/I |
| small pelagic, and small demersal marine fish and shrimp | purse seine | 563 | not applicable | nearshore Mozambique, provinces of Nampula, Zambezia, Sofala, Inhambane and Maputo | none provided | none provided | A/G, N/I |
| small pelagic, and small demersal marine fish and shrimp | longline | 1,077 | not applicable | nearshore Mozambique, provinces of Nampula, Zambezia, Sofala, Inhambane and Maputo | none provided | none provided | A/G, N/I |
| shrimp | trawl, bottom, artisanal fishing | 187 national industrial vessels (out of which is 13 Chinese trawlers) | Pescamar Sociedade De Pesca De Mariscos Ltda,EFRIPEL - Entreposto Frigorífico de Pesca de Moçambique Lda | Mozambique channel | none provided | none provided | A/G, N/I |
| **Export Fisheries with No Information** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna - yellowfin, bigeye, swordfish, shark | gillnet | none provided | none provided | Indian Ocean, Indian Ocean Tuna Commission Convention Area | none provided | none provided | A/G, N/I |
| tuna - yellowfin, bigeye, swordfish, shark, dolphinfish, Spanish mackerel | longline | 32 E.U. vessels, 22 Chinese vessels, 12 Mozambique vessels | none provided | Indian Ocean, Indian Ocean Tuna Commission Convention Area | none provided | none provided | A/G, N/I |
| tuna - yellowfin, bigeye, swordfish, shark, dolphinfish | purse seine | 43 E.U. tuna seiners, 8 Chinese seiners | none provided | Indian Ocean, Indian Ocean Tuna Commission Convention Area | none provided | none provided | A/G, N/I |
| shrimp | marine aquaculture | not applicable | none provided | Beira, Sofala Province, Pemb, Cabo Delgado Province | none provided | none provided | A/G, N/I |
| | | | | | | | |
| **Namibia** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| tuna, bigeye, yellowfin, swordfish, shark | pole and line | 20 - 73 | not applicable | South Atlantic, International Convention for the Conservation of Atlantic Tuna Convention Area | None provided | none provided | A/G |
| mussels | aquaculture | not applicable | none provided | Luderitz sea lagoons | none provided | none provided | N/I, A/G |
| **Export Fisheries** | | | | | | | |
| crab (red crab - Chaceon maritae) | pots or deep-water traps | 2 | not applicable | Atlantic Southeast (FAO Area 47) | None provided | none provided | N/I, A/G |
| groundfish, hake, sole, whiting, pollock, flounder, mackerel, orange roughy | trawler, mid-water | 15, 2 factory mid-water trawlers owned by Atlantic Pacific Fishing | Pacific Andes Int'l Holdings Ltd., Atlantic Pacific Fishing (Pty) ltd (APF), Helfdy Group of Companies (pty) Ltd., Joka Two Fishing (Pty) Ltd., and Namibia Seaweed Processing (Pty) Ltd, Bandberg Namibian Investment Company (Pty) | Atlantic Southeast (FAO Area 47) | | | N/I, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| groundfish, hake, sole, whiting, pollock, flounder, mackerel, orange roughy | trawl, deep-water | 2 factory mid-water trawlers owned by Atlantic Pacific Fishing, & 5 deep-water trawlers | Pacific Andes Int'l Holdings Ltd., Atlantic Pacific Fishing (Pty) ltd (APF), Helfdy Group of Companies (pty) Ltd., Joka Two Fishing (Pty) Ltd., and Namibia Seaweed Processing (Pty) Ltd, Bandberg Namibian Investment Company (Pty) | Atlantic Southeast (FAO Area 47) | | | N/I, A/G |
| deep water straddling stocks (alfonsino, orange roughy, oreo dories, armourhead, sharks, Patagonia toothfish, deepwater hake and red crab) | trawl | 8 | not applicable | Atlantic Southeast (FAO Area 47), SEAFO convention area | none provided | none provided | N/I, A/G |
| deep water straddling stocks (alfonsino, orange roughy, oreo dories, armourhead, sharks, Patagonia toothfish, deepwater hake and red crab) | longline | 8 | not applicable | Atlantic Southeast (FAO Area 47), SEAFO convention area | none provided | none provided | N/I, A/G |
| deep water straddling stocks (alfonsino, orange roughy, oreo dories, armourhead, sharks, Patagonia toothfish, deepwater hake and red crab) | pots | 8 | not applicable | Atlantic Southeast (FAO Area 47), SEAFO convention area | none provided | none provided | N/I, A/G |
| toothfish | longline | 2 | not applicable | Subarea 58.4.1 (East Antarctica) | none documented | none documented | N/I, A/G |
| toothfish | longline | 2 | not applicable | Subarea 58.4.2 | none documented | none documented | N/I, A/G |
| toothfish | longline | 1 | not applicable | Subarea 58.4.3b | none documented | none documented | N/I, A/G |
| sardine (Pilchard), anchovy, juvenile horse mackerel | purse seine | 36 | not applicable | Atlantic Southeast (FAO Area 47) | None provided | none provided | N/I, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| dolphinfish, kob, snoek, steenbras | off-shore fishing | 16 | not applicable | off-shore of Namibia | None provided | none provided | N/I |
| lobster, rock lobster | traps | none documented | none provided | Southern port of Luderitz | None provided | none provided | N/I, A/G |
| sea cucumbers | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| butterfish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| mullet | gillnet, set net, driftnet, trammel net | none provided | not applicable | FAO Area 47 | Heaviside's dolphin, other cetaceans and pinnipeds | 67 Heaviside's dolphin inshore gillnet bycatch (in 1983) | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Netherlands** | | | | | | | |
| **Export Fisheries** | | | | | | | |
| European plaice | trawl, beam | 70 | not applicable | North Sea (ICES 4) | None provided | None documented | N/I,C/O |
| common sole | trawl, beam | | not applicable | North Sea (ICES 4) | None provided | None documented | N/I,C/O |
| striped red mullet | trawl, beam | 10 | not applicable | North Sea (ICES 4) | None provided | None documented | N/I,C/O |
| common dab | trammel nets | 10 | not applicable | North Sea (ICES 4c) | harbor porpoise | occasional | N/I,P, A/G |
| turbot | trammel nets | 5 | not applicable | North Sea (ICES 4c) | harbor porpoise | occasional | N/I,P, A/G |
| Atlantic cod | trammel nets | 5 | not applicable | North Sea (ICES 4c) | harbor porpoise | occasional | N/I,P, A/G |
| European seabass | gillnet 100 | 5 | not applicable | North Sea (ICES 4c) | harbor porpoise | rare | N/I,P, A/G |
| Atlantic mackerel | trawl, pelagic | 10 | not applicable | North Sea, Celtic Sea, and NE Atlantic (ICES 4-8) | common dolphin, possible white-sided dolphin | occasional | N/I,P, A/G |
| horse mackerel | trawl, pelagic | 10 | not applicable | North Sea, Celtic Sea, and NE Atlantic (ICES 4-8) | common dolphin | occasional | N/I,P, A/G |
| blue whiting | trawl, pelagic | 10 | not applicable | North Sea, Celtic Sea, and NE Atlantic (ICES 4-8) | common dolphin | rare | N/I,P, A/G |
| herring | trawl, pelagic | 10 | not applicable | North Sea, Celtic Sea, and NE Atlantic (ICES 4-8) | white-beaked dolphin | rare | N/I,P, A/G |
| none provided | gillnet, sink | none provided | not applicable | NE Atlantic (ICES 6a and 7b) | gray seal | 4 | N/I,P, A/G |
| **New Caledonia** | | | | | | | |
| **Export Fisheries** | | | | | | | |
| Tuna, albacore, bigeye | Longline | 20 vessels | not applicable | New Caledonia EEZ | Spotted Dolphin Short-finned pilot whale Melon-headed whale | 2009--Spotted Dolphin released alive 2010--Short-finned pilot whale released alive 2015--Melon-headed whale released alive | P, A/G |
| **New Zealand** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| Blue Mackerel (jack mackerel, Barracouta, Kahawai, Trevally) | Purse seine | 5 | not applicable | North Island | None Documented | None Documented | C/O,A/G |
| Bluenose (Alfonsino and Long-finned beryx, bass, Hapuku, Ling) | longline, bottom | 60 | not applicable | North and South Islands | None Documented | None Documented | C/O,A/G |
| Bluenose (Alfonsino and Long-finned beryx, bass, Hapuku, Ling) | trawl | 5 | not applicable | North and South Islands | None Documented | None Documented | C/O,A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Clams (King clam, Deepwater clam, Ringed dosinia, Frilled venus shell) | Dredge | 1 | not applicable | North and South Islands | None Documented | None Documented | A/G |
| Cockles | Dredge | 3 | not applicable | North and South Islands | None Documented | None Documented | A/G |
| Cockles | Hand Gathering | 4 | not applicable | North and South Islands | None Documented | None Documented | A/G |
| Cod, Blue (Hapuku and Bass, Tarakihi) | Hand Line | 21 | not applicable | South Island | None Documented | None Documented | C/O,A/G |
| Dredge Oysters | Dredge | 52 | not applicable | South Island [1 March - 31 August] | None Documented | None Documented | A/G |
| Mussels (freshwater mussel, green-lipped mussel, freshwater mussel, horse mussel, blue mussel) | Dredge | 0 | not applicable | None provided | None Documented | None Documented | A/G |
| Mussels (freshwater mussel, green-lipped mussel, freshwater mussel, horse mussel, blue mussel) | trawl | 0 | not applicable | None provided | None Documented | None Documented | A/G |
| Paua (black paua, yellowfoot paua) | Hand-gathering | 186 | not applicable | | None Documented | None Documented | A/G |
| Paua | aquaculture | 4 | None provided | Canterbury, Marlborough, Southland, Chatham Islands | None Documented | None Documented | C/O,A/G |
| Scallops (oyster) | Dredging | 23 | not applicable | [15 July - 14 February] | No | None | A/G |
| Squid (barracouta, hake, hoki, Jack mackerel, ling, redbait, red cod, scampi, arrow squid, silver warehou, tarakihi, white warehou) | Jig | 7 | not applicable | None provided | None Documented | None Documented | C/O,A/G |
| Trevally (Blue mackerel, gurnard, grey mullet, Jack Dory, Jack mackerel, Kahawai, snapper, rig, tarakihi) | Ring net | 10 | not applicable | North Island | None Documented | None Documented | C/O,A/G |
| Tuatua | Hand-gathering | 2 | not applicable | none provided | None Documented | None Documented | A/G |
| Cod, Red (Barracouta, Elephant fish, flatfish, gurnard, john dory, Ling, lemon sole, red cod, scampi, sea perch, arrow squid, giant stargazer, trevally, silver warehou, common warehou) | Danish seine | 5 | not applicable | South Island | None Documented | None Documented | C/O, N/I |
| Elephant Fish (Barracouta, flatfish, gurnard, lemon sole, red cod, school shark, starfish, rig, giant stargazer, trevally, common warehou, yellowbelly flounder) | Danish seine | 4 | not applicable | South Island | None Documented | None Documented | C/O, N/I |
| Flatfish (elephant fish, gurnard) | Danish seine | 287 | not applicable | None provided | None Documented | None Documented | C/O, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Flounder (elephant fish, flatfish, gurnard) | Danish seine | Incl in flatfish | not applicable | None provided | None Documented | None Documented | C/O, N/I |
| Gurnard (Barracouta, Elephant fish, New Zealand sole, flatfish, John Dory, red cod, lemon sole, sand flounder, snapper, rig, giant stargazer, tarakihi, trevally, common warehou) | Danish seine | 23 | not applicable | North and South Islands | None Documented | None Documented | C/O,A/G |
| John Dory (flatfish, gurnard, John dory, snapper, tarakihi, trevally) | Danish seine | 5 | not applicable | North Island | None Documented | None Documented | C/O,A/G |
| Sole, New Zealand (flatfish, elephant fish, red cod, tarakihi, gurnard) | Danish seine | Incl in flatfish | not applicable | None provided | None Documented | None Documented | C/O, N/I |
| Spotted Dogfish (Rig) (elephant fish, flatfish, gurnard, John dory, red cod, school shark, snapper, rig, giant stargazer, tarakihi, trevally) | Danish seine | 7 | not applicable | North and South Islands | None Documented | None Documented | C/O, N/I |
| Tarakihi (barracouta , flatfish, gurnard, hapuku and bass, John dory, ling, red cod, school shark, gemfish, snapper, sea perch, giant stargaze, trevally, warehou) | Danish seine | 6 | not applicable | North and South Islands | None Documented | None Documented | C/O, N/I |
| **Export Fisheries** | | | | | | | |
| Patagonian Toothfish | longline | 2 | not applicable | Subarea 48.3 (South Georgia Is.)- 48.4 [Dec - Feb, March - Nov.] | Southern elephant seal, Antarctic fur seal | 2007: 1 elephant seal killed, 2009: 1 fur seal killed, 2 fur seals released | P, A/G |
| Antarctic Toothfish | longline | 3 | not applicable | Subarea 88.1-2 [Dec - Feb, March - Nov.] | crabeater seal, leopard seal | 2008: 1 crabeater seal killed, 2016: 1 leopard seal released | P, A/G |
| Barracouta, (Arrow squid, hoki, elephant fish, jack mackerel, flatfish, gurnard, john dory, Ling, redbait, red cod, school shark, snapper, sea perch, rig, squalus, tarakihi, trevally, common warehou) | trawl | 106 | not applicable | South Island | NZ Fur Seal<br>Common dolphin<br>Dusky dolphin | NZ Fur Seal - 30 p.a. (5yr avg)<br>Common dolphin - 3 p.a. (5yr avg)<br>Dusky dolphin - 2 Observed in Feb 2015 | P, A/G |
| Blue Mackerel (jack mackerel, Barracouta, Kahawai, Trevally) | trawl | 2 | not applicable | west coast, South Island | None Documented | None Documented | C/O,A/G |
| Cod, Blue (Hapuku and Bass, Tarakihi) | pots | 267 | not applicable | South Island | None Documented | None Documented | C/O,A/G |
| Cod, Blue (Hapuku and Bass, Tarakihi) | trawl | 5 | not applicable | South Island | None Documented | None Documented | C/O,A/G |
| Cod, Blue (Hapuku and Bass, Tarakihi) | longline, bottom | 2 | not applicable | South Island | None Documented | None Documented | C/O,A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Cod, Red (Barracouta, Elephant fish, flatfish, gurnard, john dory, Ling, lemon sole, red cod, scampi, sea perch, arrow squid, giant stargazer, trevally, silver warehou, common warehou) | trawl | 56 | not applicable | east coast, South Island | NZ fur seal | NZ fur seal: 42 estimated captures per year for all Inshore trawl fisheries. | P, C/O,A/G |
| Cod, Red (Barracouta, Elephant fish, flatfish, gurnard, john dory, Ling, lemon sole, red cod, scampi, sea perch, arrow squid, giant stargazer, trevally, silver warehou, common warehou) | Set net | 1 | not applicable | South Island | None Documented | None Documented | C/O, N/I |
| Cod, Red (Barracouta, Elephant fish, flatfish, gurnard, john dory, Ling, lemon sole, red cod, scampi, sea perch, arrow squid, giant stargazer, trevally, silver warehou, common warehou) | longline, bottom | 0 | not applicable | South Island | None Documented | None Documented | C/O,A/G |
| Crustaceans other (scampi, king crab, smooth red swimming crab, giant spider crab, paddle crab) | trawl | 30 | not applicable | NZ EEZ N&E of North Island, Chatham Rise, Auckland Islands | NZ Sea lion<br>NZ Fur seal | NZ sea lion - 6 p.a. (5yr avg estimate)<br>NZ Fur seal - 6 p.a. (5yr avg estimate) | P, C/O,A/G |
| Crustaceans other (scampi, king crab, smooth red swimming crab, giant spider crab, paddle crab) | pots | 31 | not applicable | None provided | None Documented | None Documented | C/O,A/G |
| Elephant Fish (Barracouta, flatfish, gurnard, lemon sole, red cod, school shark, starfish, rig, giant stargazer, trevally, common warehou, yellowbelly flounder) | Set net | 8 | not applicable | South Island | Hector's dolphin | Hector's dolphin: 32.3 estimated number of annual mortalities in all inshore set net fisheries; 1 observed capture when targeting elephant fish in 2013 | C/O,A/G, P |
| Elephant Fish (Barracouta, flatfish, gurnard, lemon sole, red cod, school shark, starfish, rig, giant stargazer, trevally, common warehou, yellowbelly flounder) | trawl | 43 | not applicable | East coast South Island | Hector's dolphin | Hector's dolphin: 9 estimated number of annual mortalities in all inshore trawl fisheries; 1 reported trawl capture when targeting elephant fish in 2016 | C/O,A/G, P |
| Flatfish (elephant fish, gurnard) | Set net | 287 | not applicable | None provided | None Documented | None Documented | C/O,A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| | | | | | | NZ fur seal: 42 estimated captures per year for all Inshore trawl fisheries. | |
| Flatfish (elephant fish, gurnard) | trawl | 129 | not applicable | North and South Islands | Seals & Sea lions<br>NZ fur seals<br>Common dolphin | Common dolphin: 49 estimated captures per year for all Inshore trawl fisheries | C/O,A/G |
| Flounder (elephant fish, flatfish, gurnard) | trawl | Incl in flatfish | not applicable | North and South Islands | None Documented | None Documented | C/O,A/G |
| Flounder (elephant fish, flatfish, gurnard) | Set net | Incl in flatfish | not applicable | North and South Islands | None Documented | None Documented | C/O,A/G |
| Ghostshark (Barracouta, hoki, Ling, red cod, scampi, arrow squid, giant stargazer, silver warehou, common warehou, tarakihi) | trawl | 8 | not applicable | South Island | None Documented | None Documented | C/O,A/G |
| Ghostshark (Barracouta, hoki, Ling, red cod, scampi, arrow squid, giant stargazer, silver warehou, common warehou, tarakihi) | longline, bottom | 108(105,29) | not applicable | None provided | None Documented | None Documented | C/O,A/G |
| Grouper (hapuku, bass, hapuku and bass) | Set net | 13 | not applicable | East coast South Island | NZ fur seal<br>Humpback whale | NZ fur seal: 4 observed captures when targeting Hapuku & bass between 2014 and 2015 | C/O,A/G, P |
| Grouper (hapuku, bass, hapuku and bass) | longline, bottom | 72 | not applicable | NZ EEZ (except Sub-Antarctic) | None Documented | None Documented | C/O,A/G |
| Grouper (hapuku, bass, hapuku and bass) | trawl | 12 | not applicable | South Island | NZ fur seal | NZ fur seal: 1 reported trawl capture when targeting Hapuku in 2013 | C/O,A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| | | | | | | Bottlenose dolphin: 1 reported trawl capture when targeting gurnard in 2014<br><br>Common dolphin: 1 reported trawl capture when targeting gurnard in 2011 | |
| Gurnard (Barracouta, Elephant fish, New Zealand sole, flatfish, John Dory, red cod, lemon sole, sand flounder, snapper, rig, giant stargazer, tarakihi, trevally, common warehou) | trawl | 128 | not applicable | North and South Islands | Bottlenose dolphin<br>Common dolphin<br>NZ fur seal | NZ fur seal: 1 reported trawl capture when targeting gurnard in 2016; 42 estimated captures per year for all Inshore trawl fisheries. | C/O,A/G, P |
| Gurnard (Barracouta, Elephant fish, New Zealand sole, flatfish, John Dory, red cod, lemon sole, sand flounder, snapper, rig, giant stargazer, tarakihi, trevally, common warehou) | longline, bottom | 11 | not applicable | North Island | None Documented | None Documented | C/O,A/G |
| Gurnard (Barracouta, Elephant fish, New Zealand sole, flatfish, John Dory, red cod, lemon sole, sand flounder, snapper, rig, giant stargazer, tarakihi, trevally, common warehou) | Set net | 5 | not applicable | North Island | None Documented | None Documented | C/O,A/G |
| Hake (hoki, ling, white warehou) | longline, bottom | 0 | not applicable | None provided | Marine mammal interactions indicated species not provided | None provided | C/O,A/G |
| Hake (hoki, ling, white warehou) | trawl | 20 | not applicable | West coast South Island, Sub-Antarctic, Chatham Rise | NZ Fur seal | NZ Fur seal - 11 p.a. (5 yr. avg estimate) | C/O,A/G, P |
| Hoki (Barracouta, Alfonsino and Long-finned beryx, hake, ling, lookdown dory, orange roughy, redbait, red cod, scampi, gemfish, arrow squid, silver warehou, tarakihi, white warehou) | trawl | 161 | not applicable | Cook Strait, Chatham Rise, Sub-Antarctic, West Coast South Island | NZ Sea lion<br>NZ Fur seal<br>Common dolphin<br>Dusky dolphin | NZ Sea lion - <1 p.a. (5 yr. avg estimate)<br>NZ Fur seal - 222 p.a. (5 yr. avg estimate)<br>Common dolphin - 1 p.a. (5yr avg estimate)<br>Dusky dolphin - 1 Observed in 2013 | C/O,A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Jack mackerel (barracouta, blue mackerel, gurnard, hoki, kahawai, pilchard, red bait, red cod, gemfish, arrow squid, silver warehou, tarakihi, warehou) | trawl | 45 | not applicable | West coast South Island | NZ Fur Seal<br>Common dolphin<br>Pilot whale | NZ Fur seal - 6 p.a. (5 yr. avg estimate)<br>Common dolphin - 27 p.a. (5 yr. avg estimate)<br>Pilot whale - 5 observed in 2012 | C/O,A/G, P |
| Jack mackerel (barracouta, blue mackerel, gurnard, hoki, kahawai, pilchard, red bait, red cod, gemfish, arrow squid, silver warehou, tarakihi, warehou) | Purse seine | 7 | not applicable | North Island | Common dolphin | Common dolphin: 3 reported captures when targeting jack mackerel in 2015<br>Bottlenose dolphin: 1 reported trawl capture when targeting gurnard in 2011 | C/O,A/G, P |
| John Dory (flatfish, gurnard, John dory, snapper, tarakihi, trevally) | trawl | 45 | not applicable | North Island | Bottlenose dolphin<br>Common dolphin | Common dolphin: 1 reported trawl capture when targeting gurnard in 2011 | C/O,A/G, P |
| Kingfish, Yellowtail (Jack mackerel, snapper, tarakihi, trevally) | trawl | 0 | not applicable | None provided | None Documented | None Documented | C/O,A/G |
| Kingfish, Yellowtail (Jack mackerel, snapper, tarakihi, trevally) | longline, bottom | 1 | not applicable | None provided | None Documented | None Documented | C/O,A/G |
| Lemon sole (flatfish, gurnard, tarakihi) | trawl | Incl in flatfish | not applicable | None provided | None Documented | None Documented | C/O,A/G |
| Ling (barracouta, bluenose, flatfish, hake, hoki, hapuku and bass, lookdown dory, ling cod, red cod, southern blue whiting, scampi, gemfish, arrow squid, giant stargazer, silver warehou, tarakihi, warehou, white warehou) | trawl | 76 | not applicable | West coast South Island, Sub-Antarctic | NZ Fur Seal | NZ Fur Seal - 15 p.a. (5 yr. avg estimate) | C/O,A/G,P |
| Ling (barracouta, bluenose, flatfish, hake, hoki, hapuku and bass, lookdown dory, ling cod, red cod, southern blue whiting, scampi, gemfish, arrow squid, giant stargazer, silver warehou, tarakihi, warehou, white warehou) | longline, bottom | 84 | not applicable | East North Island, west coast South Island, Chatham Rise | None Documented | None Documented | C/O,A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Ling (barracouta, bluenose, flatfish, hake, hoki, hapuku and bass, lookdown dory, ling cod, red cod, southern blue whiting, scampi, gemfish, arrow squid, giant stargazer, silver warehou, tarakihi, warehou, white warehou) | pots | 14 | not applicable | North Island | None Documented | None Documented | C/O,A/G |
| Moki (flatfish, gurnard, hapuku, school shark, rig, tarakihi, warehou) | Set net | 19 | not applicable | South Island | NZ fur seal<br>Dusky dolphin | NZ fur seal; 1 observed capture when targeting moki in 2010<br>Dusky dolphin: 2 observed captures when targeting moki in 2010 | C/O,A/G, P |
| Moki (flatfish, gurnard, hapuku, school shark, rig, tarakihi, warehou) | trawl | 17 | not applicable | South Island | NZ fur seal | NZ fur seal: 42 estimated captures per year for all Inshore trawl fisheries. | C/O,A/G, P |
| Monkfish (Stargazer) (flatfish, gurnard, tarakihi) | trawl | 50 | not applicable | South Island | None Documented | None Documented | C/O,A/G |
| Mullet (grey mullet, kahawai) | Inshore drift net | 5 | not applicable | North Island | None Documented | None Documented | C/O,A/G |
| Mullet (grey mullet, kahawai) | Set net | 136 | not applicable | North Island | None Documented | None Documented | C/O,A/G |
| Mussels & other shellfish | aquaculture | not applicable | None provided | Auckland, Bay of Plenty, Canterbury, Hawkes Bay, Marlborough, Northland, Southland, Tasman, Waikato, Wellington, Waikato, Westland | Bryde's whale<br>Humpback whale | Bryde's whale: 1 reported incident in Auckland area in 1996<br>Humpback whale: 1 reported entanglement in Marlborough | A/G, P |
| Orange Roughy (cardinal fish, hoki, smooth oreo) | trawl | 16 | not applicable | NZ EEZ | NZ Fur Seal | NZ Fur seal - <1 p.a. (5 yr. avg estimate)(1 observed capture in 2015) | C/O,A/G, P |
| Oreo Dory, Black (orange roughy, smooth oreo, hoki) | trawl | 9 | not applicable | South Island | None Documented | None Documented | C/O,A/G |
| Oreo Dory, Smooth (black oreo dory, orange roughy, smooth oreo, hoki) | trawl | 11 | not applicable | South Island | None Documented | None Documented | C/O,A/G |
| Oysters | aquaculture | not applicable | None provided | Auckland, Bay of Plenty, Marlborough, Northland, Southland, Waikato | Bottlenose dolphin | Bottlenose dolphin: 1 found in an oyster farm in 1998 | A/G, P |
| Rays & Skates (red cod, flatfish, tarakihi, gurnard) | trawl | 8 | not applicable | None provided | None Documented | None Documented | C/O,A/G |
| Rays & Skates (red cod, flatfish, tarakihi, gurnard) | longline, bottom | 0 | not applicable | None provided | None Documented | None Documented | C/O,A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Rock lobster | pots | 61 | not applicable | North and South Islands | Humpback whale, Orca | Orca: 1 reported capture when targeting rock lobster in 2012 | C/O,A/G, P |
| Salmon | aquaculture | 23 | None provided | Canterbury, Marlborough, Southland | Bottlenose dolphin<br>Dusky dolphin<br>Hector's dolphin<br>NZ fur seals | Bottlenose dolphin: 2 reported incidents<br>Dusky dolphin: 4 reported incidents<br>Hector's dolphin: 2 reported incidents - one in 1987 and one in 2005<br>NZ fur seals: 10 reported incidents | C/O,A/G |
| Sea Perch (barracouta, hoki, ling, red cod, scampi, arrow squid, silver warehou, tarakihi, tarakihi, white warehou) | trawl | 15 | not applicable | South Island | None Documented | None Documented | C/O,A/G |
| Sea Perch (barracouta, hoki, ling, red cod, scampi, arrow squid, silver warehou, tarakihi, tarakihi, white warehou) | longline, bottom | 2 | not applicable | South Island | None Documented | None Documented | C/O,A/G |
| Shark fins | longline, surface | 127 (all gear types) | not applicable | North and South Islands | None Documented | None Documented | C/O,A/G |
| Shark fins | trawl | 127 (all gear types) | not applicable | North and South Islands | None Documented | None Documented | C/O,A/G |
| Shark fins | longline, bottom | 127 (all gear types) | not applicable | North and South Islands | None Documented | None Documented | C/O,A/G |
| Shark fins | Set net | 127 (all gear types) | not applicable | North and South Islands | None Documented | None Documented | C/O,A/G |
| Shrimps and Prawns (royal red prawn, sabre prawn, echinoderms, omega prawn, tropical freshwater prawn, scarlet prawn) | trawl | 1 | not applicable | None provided | None Documented | None Documented | C/O,A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Snapper, Snapper chilled (barracouta, flatfish, gurnard, John dory, school shark, snapper, rig, tarakihi, trevally, warehou) | trawl | 59 | not applicable | North and South Islands | Bottlenose dolphin<br>Common dolphin<br>NZ fur seal | Bottlenose dolphin: 1 reported trawl capture when targeting snapper in 2014 (North Island)<br><br>Common dolphin: 49 estimated captures per year for all Inshore trawl fisheries<br><br>NZ fur seal: 42 estimated captures per year for all Inshore trawl fisheries | C/O,A/G, P |
| Snapper, Snapper chilled (barracouta, flatfish, gurnard, John dory, school shark, snapper, rig, tarakihi, trevally, warehou) | longline, bottom | 51 | not applicable | North Island | Common dolphin<br>Seals & sea lions | Common dolphin: 3 reported captures when targeting snapper between 2012 and 2014<br><br>Seals & sea lions: 1 reported capture (species unidentified) when targeting snapper in 2015 | C/O,A/G, P |
| Sole, New Zealand (flatfish, elephant fish, red cod, tarakihi, gurnard) | trawl | Incl in flatfish | not applicable | None provided | None Documented | None Documented | C/O,A/G |
| Spotted Dogfish (Rig) (elephant fish, flatfish, gurnard, John dory, red cod, school shark, snapper, rig, giant stargazer, tarakihi, trevally) | trawl | 25 | not applicable | North and South Islands | None Documented | None Documented | C/O,A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| | | | | | | Common dolphin: 1 observed capture when targeting rig in 2014<br><br>Dusky dolphin: 2 observed captures when targeting rig (one in 2006 and one in 2009); 3 reported captures when targeting rig between 2010 and 2015<br><br>NZ fur seal: 1 observed capture when targeting rig in 2009<br><br>Hector's dolphin: 32 estimated number of annual mortalities in all inshore set net fisheries; 4 observed captures when targeting rig between 2006 and 2013; 2 reported captures when targeting rig in 2012<br><br>Maui dolphin: 0.16 estimated number of annual mortalities in all inshore set net fisheries; 1 reported capture of a Hector's or Maui dolphin (subspecies unknown) when targeting rig in 2012 | |
| Spotted Dogfish (Rig) (elephant fish, flatfish, gurnard, John dory, red cod, school shark, snapper, rig, giant stargazer, tarakihi, trevally) | Set net | 133 | not applicable | North and South Islands | Common dolphin<br>Dusky dolphin<br>NZ fur seal<br>Hector's dolphin<br>Māui dolphin<br>Baleen whales | | C/O,A/G, P |
| Squid (barracouta, hake, hoki, Jack mackerel, ling, redbait, red cod, scampi, arrow squid, silver warehou, tarakihi, white warehou) | trawl | 74 | not applicable | Sub-Antarctic | NZ Sea lion<br>NZ Fur seal | NZ Sea lion -<br>NZ Fur seal - 19 p.a. (5 yr. avg estimate) | C/O,A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Swordfish (bigeye tuna, southern bluefin tuna) | longline, surface | 31 | not applicable | North Island, west coast South Island | Bottlenose dolphin<br>Common dolphin<br>NZ fur seals<br>Minke whale<br>Seals & sea lions | Bottlenose dolphin: 1 reported capture in 2016<br><br>Common dolphin: 2 reported captures between 2014 and 2015<br><br>NZ fur seals: 14 reported captures between 2012 and 2017<br><br>Minke whale: 1 reported capture in 2015<br><br>Seals & sea lions: 5 reported captures (species unknown) between 2011 and 2015 | C/O,A/G, P |
| Tarakihi (barracouta , flatfish, gurnard, hapuku and bass, John dory, ling, red cod, school shark, gemfish, snapper, sea perch, giant stargaze, trevally, warehou) | trawl | 142 | not applicable | North and South Islands | Common dolphin<br>NZ fur seal<br>Leopard seal<br>Seals & sea lions | Common dolphin: 49 estimated captures per year for all Inshore trawl fisheries<br><br>NZ fur seal: 42 estimated captures per year for all Inshore trawl fisheries<br><br>Leopard seal: 1 reported trawl capture when targeting tarakihi in 2014 | C/O,A/G, P |
| Tarakihi (barracouta , flatfish, gurnard, hapuku and bass, John dory, ling, red cod, school shark, gemfish, snapper, sea perch, giant stargaze, trevally, warehou) | longline, bottom | 17 | not applicable | North Island | None Documented | None Documented | C/O,A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Tarakihi (barracouta , flatfish, gurnard, hapuku and bass, John dory, ling, red cod, school shark, gemfish, snapper, sea perch, giant stargaze, trevally, warehou) | Set net | 7 | not applicable | North and South Islands | Dusky dolphin<br>NZ fur seal<br>Hector's dolphin | Dusky dolphin: 1 reported capture when targeting tarakihi in 2014<br><br>NZ fur seal: 2 observed captures when targeting tarakihi (one in 2009, one in 2014)<br><br>Hector's dolphin: 32 estimated number of annual mortalities in all inshore set net fisheries; 1 observed capture when targeting tarakihi in 2009 | C/O,A/G, P |
| Trevally (Blue mackerel, gurnard, grey mullet, Jack Dory, Jack mackerel, Kahawai, snapper, rig, tarakihi) | trawl | 46 | not applicable | North Island | Common dolphin<br>NZ fur seal | Common dolphin: 3 reported captures when targeting trevally between 2010 and 2013<br><br>NZ fur seal: 42 estimated captures per year for all Inshore trawl fisheries | C/O,A/G |
| Trevally (Blue mackerel, gurnard, grey mullet, Jack Dory, Jack mackerel, Kahawai, snapper, rig, tarakihi) | Set net | 36 | not applicable | North Island | Common dolphin<br>NZ fur seal<br>Seals & sea lions | NZ fur seal: 1 observed capture when targeting trevally in 2012 | C/O,A/G |
| Trevally (Blue mackerel, gurnard, grey mullet, Jack Dory, Jack mackerel, Kahawai, snapper, rig, tarakihi) | Purse seine | 4 | not applicable | North Island | None Documented | None Documented | C/O,A/G |
| Tuna Albacore | Troll | 133 | not applicable | North [Dec-May] | NZ fur seal | NZ fur seal: 1 reported capture in 2015 | C/O,A/G, P |
| Tuna Bigeye | longline, surface | 37 | not applicable | East coast North Island [all year] | Common dolphin<br>NZ fur seals<br>Pilot whale | Common dolphin: 4 reported captures since 2008<br><br>NZ fur seals: 2 reported captures since 2008<br><br>Pilot whale: 1 reported capture in 2009 | C/O,A/G, P |
| Tuna Pacific bluefin (BIG) | longline, surface | 21 | not applicable | North [Mar-Sep] | None Documented | None Documented | C/O,A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Tuna Skipjack | Purse seine | 12 | not applicable | East coast North Island [Dec-May] | Common dolphin | Common dolphin: 4 reported captures between 2012 and 2017 | C/O,A/G, P |
| Tuna Southern bluefin (STN) | longline, surface | 38 | not applicable | East coast North Island, West coast South Island [Mar-Oct] | Bottlenose dolphin<br>Humpback whale<br>Pilot whale<br>NZ Fur seal | Bottlenose dolphin: 2 reported captures between 2011 and 2015<br>Humpback whale: 1 reported capture in 2014<br>Pilot whale: 1 reported capture in 2011<br>NZ Fur seal - 118 p.a. (5 yr. avg estimate) | C/O,A/G, P |
| Tuna Yellowfin (BIG) | longline, surface | 0 | not applicable | North [Dec-May] | None Documented | None Documented | C/O,A/G |
| Warehou (barracouta, hake, hoki, Jack mackerel, ling, red cod, scampi, arrow squid, silver warehou, tarakihi, white warehou) | trawl | 13 | not applicable | West coast North Island | Common dolphin<br>NZ fur seals<br>Hector's or Māui dolphin | Common dolphin: 4 observed captures when targeting warehou between 2013 and 2015<br>NZ fur seal: 8 observed captures when targeting warehou between 2012 and 2015<br>Hector's or Māui dolphin: 32 estimated number of annual Hector's dolphin mortalities in all inshore set net fisheries; 0.16 estimated number of annual Maui dolphin mortalities in all inshore set net fisheries | C/O,A/G,P |
| Warehou (barracouta, hake, hoki, Jack mackerel, ling, red cod, scampi, arrow squid, silver warehou, tarakihi, white warehou) | trawl | 61 | not applicable | South Island | NZ fur seals | NZ fur seals: 17 observed captures when targeting warehou between 2006 and 2015 | C/O,A/G,P |
| **Export Fisheries with No Information** | | | | | | | |
| Rock Oysters | None provided | 0 | None provided | none provided | N | None provided | N/I |

## Nicaragua

**Exempt Fisheries**

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| coral, shells, cuttlebone | hand collection | None provided | None provided | Caribbean Coast, Pacific Coast Nicaragua EEZ | None provided | None provided | A/G, N/I |
| conch, sea cucumber, sea urchin | hand collection | 6 | None provided | Caribbean Coast | None provided | None provided | A/G, N/I |
| Crustaceans, Lobster, rock, crab | trap | 70 | Not applicable | Caribbean Coast | None provided | None provided | A/G, N/I |
| Crustaceans, Lobster, rock, crab | scuba/casitas | 70 | Not applicable | Caribbean Coast | None provided | None provided | A/G, N/I |
| Crustaceans, Lobster, rock, crab | scuba/casitas | 70 | Not applicable | Pacific Coast | None provided | None provided | A/G |
| Sea cucumber | hand collection | 6 | None provided | Pacific Coast | None provided | None provided | A/G |
| sea urchin | hand collection | None provided | None provided | Caribbean Coast, Pacific Coast Nicaragua EEZ | None provided | None provided | N/I |
| seaweed | hand collection, aquaculture | None provided | None provided | Caribbean Coast, Pacific Coast Nicaragua EEZ | None provided | None provided | A/G, N/I |
| shrimp | Aquaculture | 14,201 participants | None provided | Caribbean Coast, Pacific Coast Nicaragua EEZ | None provided | None provided | A/G, N/I |
| **Export Fisheries** | | | | | | | |
| Crustaceans, Lobster, rock, crab | trap | 70 | Not applicable | Pacific Coast | None provided | None provided | A/G, N/I |
| groundfish, lingcod, seabass, mackerel | trawl | None provided | None provided | Caribbean Coast, Pacific Coast Nicaragua EEZ | None provided | None provided | A/G, N/I |
| groundfish, lingcod, seabass, mackerel | gillnet | None provided | None provided | Caribbean Coast, Pacific Coast Nicaragua EEZ | None provided | None provided | A/G, N/I |
| molluscs | trawl | 40* | Not applicable | Caribbean Sea | None provided | None provided | A/G, N/I |
| sardines, sprat | purse seine | None provided | None provided | Caribbean Coast, Pacific Coast Nicaragua EEZ | None provided | None provided | A/G, N/I |
| shrimp (snapper, mackerel, grouper) | trawl | 40 | None provided | Caribbean Sea | None provided | None provided | A/G, N/I |
| shrimp (snapper, mackerel, grouper) | trawl | 2 | None provided | Pacific Ocean | None provided | None provided | A/G, N/I |
| Tuna (albacore, yellowfin, bigeye, skipjack, dolphinfish, swordfish) | purse seine (less than 400 short tons) | None provided | None provided | Eastern Tropical Pacific, Inter-American Tropical Tuna Convention Area | Offshore spotted dolphin, Northeastern Western-southern Spinner dolphin, Eastern and Whitebelly, Common dolphin, northern, central, southern | None provided | A/G, N/I |
| Tuna (albacore, yellowfin, bigeye, skipjack), dolphinfish, swordfish, shark, snapper | longline | 47 | None provided | Eastern Tropical Pacific, Inter-American Tropical Tuna Convention Area | None provided | None provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Export Fisheries with No Information** | | | | | | | |
| Flatfish (flounder, sole) | None provided | None provided | None provided | Caribbean Coast, Pacific Coast Nicaragua EEZ | None provided | None provided | N/I |
| octopus, squid (Loligo spp) | trap, pot | None provided | None provided | None provided | None provided | None provided | N/I |
| octopus, squid (Loligo spp) | trawl | None provided | None provided | Caribbean Coast, Pacific Coast Nicaragua EEZ | None provided | None provided | N/I |
| wolffish | None provided | None provided | Not applicable | Caribbean Coast, Pacific Coast Nicaragua EEZ | Not applicable | Not applicable | A/G, N/I |
| | | | | | | | |
| | | | | **Nigeria** | | | |
| **Exempt Fisheries** | | | | | | | |
| coral, shells, cuttlebone | hand collection | not applicable | not applicable | Nigeria EEZ | none provided | none provided | A/G |
| demersal fishes (drum, croaker, sole, threadfins, shark) | cast net | none provided | not applicable | Nigeria EEZ | none provided | none provided | A/G |
| shellfish (oysters) | hand collection | not applicable | not applicable | Nigeria EEZ, Niger delta mangroves | none provided | none provided | A/G |
| snail | hand collection | none provided | not applicable | Nigeria EEZ | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |
| crustaceans (crab, rock lobster) | trap | 70 | not applicable | Nigeria EEZ | none provided | none provided | N/I, A/G |
| demersal fishes (drum, croaker, sole, threadfins, shark) | gillnet | none provided | not applicable | Nigeria EEZ | none provided | none provided | A/G |
| demersal fishes (drum, croaker, sole, threadfins, shark), horse mackerel, herring, sardine | trawl | 160 | not applicable | Nigeria EEZ | none provided | none provided | A/G |
| shrimp | trawl | 203 | not applicable | Nigeria EEZ | none provided | none provided | A/G |
| shrimp | nets | 203 | not applicable | Nigeria EEZ, delta gulf of Guinea | none provided | none provided | A/G |
| | | | | | | | |
| | | | | **Niue** | | | |
| **Exempt Fisheries** | | | | | | | |
| tuna (yellowfin, bigeye, albacore) | hook and line (artisanal) | 293 | not applicable | Niue EEZ | none provided | none provided | A/G |
| tuna - yellowfin, bigeye, albacore | purse seine | none provided | none provided | Western Central Pacific Fisheries Commission Convention Area | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna (yellowfin, bigeye, albacore) | longline | allow 20-30 licensed vessel but 8 vessels documented in 2015 | Niue Fish Processors Ltd (NFP), joint venture between the government of Niue and the private company, Reef Group (New Zealand) | Western Central Pacific Fisheries Commission Convention Area | none provided | none provided | A/G |
| tuna (yellowfin, bigeye, albacore) | gillnet (artisanal) | 293 | not applicable | Niue EEZ | none provided | none provided | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Greenland turbot | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| | | | | | | | |
| | | | | **Norway** | | | |
| **Exempt Fisheries** | | | | | | | |
| toothfish | longline | 1 | not applicable | Subarea 48.6 | None Documented | None Documented | A/G |
| toothfish | longline | 1 | not applicable | Subarea 88.1 | None Documented | None Documented | A/G |
| toothfish | longline | 1 | not applicable | Subarea 88.2 | None Documented | None Documented | A/G |
| Demersal fish--cod, haddock, anglerfish, saithe | Handline | 1868 | not applicable | Norwegian EEZ--North of 62 degrees | None provided | Small or negligible | A/G |
| **Export Fisheries** | | | | | | | |
| krill | trawl, midwater | 2 | not applicable | Subarea 48.1 (Western Antarctic Peninsula) | None Documented | None Documented | C/O, A/G |
| krill | midwater bream trawl | 2 | not applicable | Subarea 48.1 (Western Antarctic Peninsula) | None Documented | None Documented | C/O, A/G |
| krill | trawl, midwater | 2 | not applicable | Subarea 48.2 (South Orkney Is.) | Antarctic fur seal | 2009: 1 fur seal released | P, C/O, A/G |
| krill | midwater bream trawl | 2 | not applicable | Subarea 48.2 (South Orkney Is.) | None Documented | None Documented | C/O, A/G |
| krill | trawl, midwater | 2 | not applicable | Subarea 48.3 (South Georgia Is.) | None Documented | None Documented | C/O, A/G |
| krill | midwater bream trawl | 2 | not applicable | Subarea 48.3 (South Georgia Is.) | Antarctic fur seal | 2008: 1 fur seal killed | P, C/O, A/G |
| Demersal fish--cod, haddock, anglerfish, saithe | gillnet | 2144 | not applicable | Norwegian EEZ--North of 62 degrees | Harbor porpoise, Harbor seal, Grey Seal | Harbor porpoise--3,000 (PBR 2,144), Harbor seal--555 (PBR 463), Grey Seal--466 (PBR 351) | P, C/O, A/G |
| Monkfish | gillnet | 489 | not applicable | Norwegian EEZ--Entire country | Harbor porpoise, Harbor seal, Grey Seal | Harbor porpoise--3,000 (PBR 2,144), Harbor seal--555 (PBR 463), Grey Seal--466 (PBR 351) | P, C/O, A/G |
| Demersal fish--cod, haddock, anglerfish, saithe | Longline | 1322 | not applicable | Norwegian EEZ--North of 62 degrees | None provided | Small or negligible | P, C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Demersal fish--cod, haddock, anglerfish, saithe | Danish seines | 342 | not applicable | Norwegian EEZ--North of 62 degrees | None provided | Small or negligible | P, C/O, A/G |
| Cod, saithe, shrimp, Greenland halibut | trawl | 46 | Own by processing industry | Norwegian EEZ--North of 62 degrees | None provided | Small or negligible | P, C/O, A/G |
| Demersal fish--cod, haddock, anglerfish, saithe | purse seine | | not applicable | Norwegian EEZ--North of 62 degrees | None provided | Small or negligible | P, C/O, A/G |
| Salmon, Trout | aquaculture | 990 licenses - 978 sites | None provided | Norwegian EEZ--Entire country | Harbor seals Gray seals | No bycatch report, Intentional mortality of seals is permitted and counted against hunt quotas | P (intentional killing) |
| Herring, mackerel, anchovy | purse seine | 477 | not applicable | Norwegian EEZ--Entire country | None provided | Small or negligible | P, C/O, A/G |
| Herring, mackerel, anchovy | trawl | 48 | not applicable | Norwegian EEZ--Entire country | None provided | Small or negligible | P, C/O, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Tuna | none provided | 2 | not applicable | Norwegian EEZ--Entire country | None provided | None provided | N/I |
| | | | | | | | |
| **Oman** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| dolphinfish | handline | 19943 | Oman Fisheries | Oman Sea, Arabian Sea of Oman | none provided | none provided | A/G |
| seabream | aquaculture (cages) | 1 | none provided | Oman Sea, Arabian Sea of Oman | none provided | none provided | N/I |
| small pelagic marine fish (sardine, seabream) | beach seine, cast net | 19943 | Oman Fisheries | Oman Sea, Arabian Sea of Oman | none provided | none provided | A/G |
| shrimp | cast net | 19943 | Oman Fisheries | Oman Sea, Arabian Sea of Oman | none provided | none provided | A/G |
| demersal fishes (groundfish, flatfish, snapper, grouper) | handline | 19943 | Oman Fisheries | Oman Sea, Arabian Sea of Oman | none provided | none provided | A/G |
| tuna, albacore, yellowfin, bigeye | handline | 18307 | not applicable | none provided | spotted dolphin, long-beaked common dolphin | none provided | C/O |
| **Export Fisheries** | | | | | | | |
| cuttlefish, squid | trawl | 19943 | Oman Fisheries | Oman Sea, Arabian Sea of Oman | none provided | none provided | A/G |
| dolphinfish | gillnet | 19943 | Oman Fisheries | Oman Sea, Arabian Sea of Oman | none provided | none provided | A/G |
| dolphinfish | troll | 19943 | Oman Fisheries | Oman Sea, Arabian Sea of Oman | none provided | none provided | A/G |
| rock, spiny lobster | traps | 19943 | Oman Fisheries | Oman Sea, Arabian Sea of Oman | none provided | none provided | A/G |
| small pelagic marine fish (sardine, seabream) | gillnet | 19943 | Oman Fisheries | Oman Sea, Arabian Sea of Oman | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| shrimp | trawl | 19943 | Oman Fisheries | Oman Sea, Arabian Sea of Oman | none provided | none provided | A/G |
| demersal fishes (groundfish, flatfish, snapper, grouper, grunt, croaker, emperor) | trawl | 19943 | Oman Fisheries | Oman Sea, Arabian Sea of Oman | none provided | none provided | A/G |
| demersal fishes (groundfish, flatfish, snapper, grouper) | gillnet | 19943 | Oman Fisheries | Oman Sea, Arabian Sea of Oman | none provided | none provided | A/G |
| demersal fishes (groundfish, flatfish, snapper, grouper) | traps | 19943 | Oman Fisheries | Oman Sea, Arabian Sea of Oman | none provided | none provided | A/G |
| tuna, albacore, yellowfin, bigeye | gillnet | 18307 | not applicable | none provided | spotted dolphin, long-beaked common dolphin, humpback whale | 2,493 - 10,230 | P, A/G |
| tuna, albacore, yellowfin, bigeye | troll | 18307 | not applicable | none provided | spotted dolphin, long-beaked common dolphin | none provided | C/O |
| tuna, albacore, yellowfin, bigeye, dolphinfish | longline | 7 | not applicable | none provided | none provided | none provided | A/G |
| **Pakistan** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| coral, shells, cuttlebone | diving | none provided | none provided | none provided | none provided | none provided | N/I, A/G |
| cuttlefish | jig | none provided | not applicable | Pakistan EEZ (offshore) | none provided | none provided | N/I, A/G |
| shrimp | cast-nets, entangle nets, barrier traps | none provided | not applicable | Balochistan coast and Indus delta | none provided | none provided | N/I, A/G |
| squid | jig | none provided | not applicable | Pakistan EEZ (offshore) | none provided | none provided | N/I |
| **Export Fisheries** | | | | | | | |
| butterfish | gillnet | none provided | not applicable | Pakistan EEZ | none provided | none provided | N/I, A/G |
| crab - swimming and mud crabs | pots, traps | none provided | none provided | none provided | none provided | none provided | N/I, A/G |
| grouper, snapper, grunter, jew fish, croaker, ribbonfish, pomfrets, other demersal fish species | gillnet (ruch), mid-water and bottom | none provided | not applicable | Sindh & Balochistan maritime provinces | none provided | none provided | N/I, A/G |
| rock lobster | trap, pot, diving | none provided | none provided | none provided | none provided | none provided | N/I, A/G |
| mackerel, sailfish, pelagic species | gillnet | 300 | not applicable | Pakistan EEZ (offshore) | Finless porpoises and Irrawaddy dolphins, Indian humpback, spinner, striped, and bottlenose dolphins, other cetaceans | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| mackerel, sailfish, pelagic species | gillnet | 2000 | not applicable | near shore, 20 m depth | Finless porpoises and Irrawaddy dolphins, Indian humpback, spinner, striped, and bottlenose dolphins, other cetaceans | none provided | A/G |
| mackerel, swordfish, sailfish, shark, billfish, marlin, barracuda, pelagic species | longline, non-mechanized | 300 | not applicable | Balochistan (offshore) | none provided | none provided | A/G |
| marine fish, croaker, eel, flatfish, sole, mullet | gillnet | none provided | not applicable | none provided | none provided | none provided | N/I |
| sardines/sardinella, anchovies, fishmeal | encircling nets (katra) | none provided | not applicable | none provided | finless porpoise | none provided | N/I |
| shrimp | trawl | 2,300 - 2,500 | not applicable | Sindh coast | finless porpoise and other cetaceans | none provided | A/G |
| shrimp | trawl - industrial and freezer | 20 | not applicable | Sindh coast | finless porpoise and other cetaceans | none provided | A/G |
| shrimp | bottom set net (tukri) | not provided | not applicable | Sindh coast | finless porpoise | none provided | N/I, A/G |
| tuna | gillnet - mid-water and bottom | 500 | not applicable | Indian Ocean, Pakistan EEZ | Spinner, pantropical spotted, striped, and bottlenose dolphins; blue, Bryde's, dwarf sperm, sei, and Arabian humpback whales | 7,300 - 30,000 dolphins/yr.; 1-2 whales/yr. | P |
| tuna, dolphinfish | longline | 10 (2 Korean, and 3 Chinese out of 10) | not applicable | Indian Ocean | none provided | none provided | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| molluscs | none provided | none provided | none provided | none provided | none provided | none provided | N/I |

## Palau

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Exempt Fisheries** | | | | | | | |
| coral, cuttlebone, shellfish, trochus | diving | none provided | none provided | lagoons and outer reef slopes of Palau | none provided | none provided | A/G, N/I |
| tuna, yellowfin, bigeye | pole and line | 1 | not applicable | Palau EEZ | none provided | none provided | A/G |
| pelagic fish | hand-collection to hook-and-line fishing, underwater spear-fishing, net fishing and trolling | 800 | none provided | none provided | none provided | none provided | A/G, N/I |
| **Export Fisheries** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| clam, white, giant clam, | none provided | none provided | none provided | none provided | none provided | none provided | A/G, N/I |
| tuna, yellowfin, bigeye | long line | 85 (maybe 0 by 2021) | not applicable | Palau EEZ | toothed whale | 1 (2009) | A/G, P |
| tuna, yellowfin, bigeye | purse seine | 5 | not applicable | Palau EEZ | none provided | none provided | A/G |
| | | | | | | | |
| **Panama** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| Lobster | Diving | | Not applicable | Caribbean Sea | None Documented | None Documented | A/G |
| Cobia | Aquaculture (offshore) | 20-40 Submersible Sea stations 884 hectares | Openblue | Caribbean Sea | Sperm Whale, Killer Whale, Pantropical Spotted Dolphin, Atlantic Spotted Dolphin | None Documented | A/G |
| **Export Fisheries** | | | | | | | |
| Tuna (yellowfin, skipjack, bigeye) | purse seine | 3 | Not applicable | Atlantic Ocean International Convention for the Conservation of Atlantic Tuna Convention Area | None Provided | None Provided | A/G, N/I |
| Shrimp | trawl | 173 | Not applicable | Gulf of Panama and Pacific Ocean | None Provided | None Provided | A/G, N/I |
| Flatfish, flounder | trawl | none provided | Not applicable | Gulf of Panama and Pacific Ocean | None Provided | None Provided | A/G, N/I |
| Swordfish, dolphinfish | longline | none provided | Not applicable | Atlantic | None Documented | None Documented | A/G, N/I |
| Grouper, snapper, shark | longline | 91 | Not applicable | Gulf of Panama and Pacific Ocean | None Documented | None Documented | A/G, N/I |
| Corvina, Mackerel (Jack, Horse) | gillnet | 6000 | Not applicable | Panama EEZ | None Documented | None Documented | A/G, N/I |
| Corvina, Mackerel (Jack, Horse) | purse seine | 5 | Not applicable | Panama EEZ | None Documented | None Documented | A/G, N/I |
| Lobster | gillnet | 80 | Not applicable | Caribbean Sea | None Documented | None Documented | A/G, N/I |
| | | | | | | | |
| **Papua New Guinea** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| rock lobster | hand collection by divers | >500 divers | not applicable | Torres Strait | none provided | none provided | A/G |
| molluscs | hand collection | not applicable | not applicable | PNG EEZ | none provided | none provided | A/G |
| tuna | handline | 5 | not applicable | Madang and Morobe provinces (PNG EEZ) | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |
| molluscs | trawl, bottom | none provided | not applicable | PNG EEZ | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| mackerel, sardine, and other finfish | trawl | 19 | not applicable | PNG Gulf and other parts of southern PNG, Torres Strait | none provided | none provided | A/G |
| tuna (yellowfin), billfishes (marlin, swordfish) | longline | 20 | not applicable | PNG EEZ | none provided | none provided | C/O, A/G |
| tuna (skipjack, yellowfin, bigeye) | purse seine | 53 | not applicable | Western Central Pacific Fisheries Commission Convention Area and PNG EEZ | spotted dolphin, bottlenose dolphin, Fraser's dolphin, false killer whale, minke whale, rough-toothed dolphin, spinner dolphin | 2 spotted dolphin, 191 bottlenose dolphin, 6 Fraser's dolphin, 23 false killer whale, 1 minke whale, 6 rough-toothed dolphin, 31 spinner dolphin | P, A/G |
| tuna (skipjack, yellowfin, bigeye) | purse seine | 53 | not applicable | Western Central Pacific Fisheries Commission Convention Area, Kiribati EEZ | rough-toothed dolphin | 56 | P, A/G |
| tuna (skipjack, yellowfin, bigeye) | purse seine | 53 | not applicable | Western Central Pacific Fisheries Commission Convention Area, Nauru EEZ | false killer whale, bottlenos | 8 false killer whale, 21 bottlenose dolphin | P, A/G |
| tuna (skipjack, yellowfin, bigeye) | purse seine | 53 | not applicable | Western Central Pacific Fisheries Commission Convention Area, international waters | sperm whale | 1 | P, A/G |
| tuna (skipjack, yellowfin, bigeye) | purse seine | 53 | not applicable | Western Central Pacific Fisheries Commission Convention Area, Federated States of Micronesia EEZ | rough-toothed dolphin | 5 | P, A/G |

## Peru

### Exempt Fisheries

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Punctuated snake-eel | hook and line (espinel) | none provided | not applicable | Artisanal: Peru EEZ primarily northern provinces Tumbes-La Libertad | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Punctuated snake-eel | handline (pinta) | none provided | not applicable | Artisanal: Peru EEZ primarily northern provinces Tumbes-La Libertad | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Punctuated snake-eel | eel trap | commercial small scale (18 vessels) | not applicable | Artisanal: Peru EEZ primarily northern provinces Tumbes-La Libertad | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Yellowfin tuna | hook and line (espinel) | none provided | not applicable | Artisanal: Peru EEZ all provinces, 4-5 vessels on high seas | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Yellowfin tuna | handline (pinta) | none provided | not applicable | Artisanal: Peru EEZ all provinces, 4-5 vessels on high seas | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Patagonian toothfish | hook and line (espinel) | none provided | not applicable | Artisanal: Peru EEZ provinces Piura, Ancash, La Libertad, Arequipa | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Patagonian toothfish | handline (pinta) | none provided | not applicable | Artisanal: Peru EEZ provinces Piura, Ancash, La Libertad, Arequipa | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Patagonian toothfish | eel trap | none provided | not applicable | Artisanal: Peru EEZ provinces Piura, Ancash, La Libertad, Arequipa | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| mackerel (horse/jack) | handline (pinta) | none provided | not applicable | Artisanal: Peru EEZ all provinces | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Squid, cuttlefish (Doryteuthis gahi) | handline (pinta) | none provided | not applicable | Artisanal: Peru EEZ provinces Tumbes-Arequipa | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| crab (hairy, purple) | diving | none provided | not applicable | Artisanal: Peru EEZ all provinces | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Chocolate rock shell (snail spp.) | diving | none provided | not applicable | Artisanal: Peru EEZ all provinces | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Chilean abalone | diving | none provided | not applicable | July-Sept, Jan-March; Artisanal: Peru EEZ all provinces | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Chiri - Pacific harvestfish | handline (pinta) | none provided | not applicable | Artisanal: Peru EEZ primarily provinces north of Lima | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Peruvian scallop | diving | none provided | not applicable | Artisanal: Peru EEZ all provinces | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Chilean sea urchin | diving | none provided | not applicable | Artisanal: Peru EEZ primarily provinces south of Lima | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Shrimp | handline (pinta) | none provided | not applicable | Artisanal: Peru EEZ primarily Piura and Tumbes | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Hake | hook and line (espinel) | none provided | not applicable | Artisanal: Peru EEZ provinces Ancash and north | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Hake | handline (pinta) | none provided | not applicable | Artisanal: Peru EEZ provinces Ancash and north | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Starry grouper | diving | none provided | not applicable | Artisanal: Peru EEZ provinces Piura and Tumbes | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Starry grouper | hook and line (espinel) | none provided | not applicable | Artisanal: Peru EEZ provinces Piura and Tumbes | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Starry grouper | handline (pinta) | none provided | not applicable | Artisanal: Peru EEZ provinces Piura and Tumbes | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Clam razor | diving | none provided | not applicable | Artisanal: Peru EEZ provinces Ancash, Ica, Piura | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| flying fish roe | mats | none provided | not applicable | Artisanal: Peru EEZ primarily provinces Ica and south | none provided | none provided | N/I |
| Peruvian silverside/smelt | handline (pinta) | none provided | not applicable | Artisanal: Peru EEZ all provinces | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Sea cucumber | diving | none provided | not applicable | Artisanal: Peru EEZ all provinces | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| dolphinfish | hook and line (espinel) | | not applicable | Oct-April; Artisanal: Peru EEZ all provinces and on high seas | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| dolphinfish | handline (pinta) | | not applicable | Oct-April; Artisanal: Peru EEZ all provinces and on high seas | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Humboldt squid | handline (pinta) | none provided | not applicable | Artisanal: Peru EEZ all provinces and on high seas | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Octopus | diving | none provided | not applicable | Artisanal: Peru EEZ all provinces | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | A/G |
| shark, blue, shortfin mako, hammerhead | hook and line (espinel) | none provided | not applicable | Artisanal: Peru EEZ all provinces and on high seas | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| scallops | Aquaculture | 301 | none provided | coastal - (provinces Ancash, Piura, Arequipa, Ica, La Libertad, Monquegua, Tacna, Tumbes, El Callao) | no information | no information | A/G |
| shrimp | Aquaculture | 83 | none provided | coastal - (provinces Piura, Tumbes) | no information | no information | A/G |
| eels (general) | eel trap | commercial small scale (18 vessels) | none provided | none provided | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |
| Peruvian anchoveta, sardines | purse seine | commercial large scale (872) | not applicable | May-July, Nov-Jan Artisanal: Peru EEZ all provinces | South American sea lion, Burmeister's porpoise, common dolphin, long-beaked common dolphin, dusky dolphin, bottlenose dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Peruvian anchoveta, sardines | purse seine | commercial small scale (196-205) | not applicable | May-July, Nov-Jan Artisanal: Peru EEZ all provinces | South American sea lion, Burmeister's porpoise, common dolphin, long-beaked common dolphin, dusky dolphin, bottlenose dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Peruvian anchoveta, sardines | gillnet | none provided | not applicable | May-July, Nov-Jan Artisanal: Peru EEZ all provinces | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Yellowfin tuna | gillnet | none provided | not applicable | Artisanal: Peru EEZ all provinces, 4-5 vessels on high seas | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Yellowfin tuna | trolling | none provided | not applicable | Artisanal: Peru EEZ all provinces, 4-5 vessels on high seas | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Yellowfin tuna | longline | longline (11) | not applicable | Artisanal: Peru EEZ all provinces, 4-5 vessels on high seas | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Patagonian toothfish | longline | commercial small scale (15) | not applicable | Artisanal: Peru EEZ provinces Piura, Ancash, La Libertad, Arequipa | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Patagonian toothfish | trot line | commercial small scale (6) | not applicable | Artisanal: Peru EEZ provinces Piura, Ancash, La Libertad, Arequipa | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Patagonian toothfish | troll | none provided | not applicable | Artisanal: Peru EEZ provinces Piura, Ancash, La Libertad, Arequipa | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Mackerel (general) | purse seine | commercial large scale (121) | not applicable | all year<br>Artisanal: Peru EEZ all provinces<br>Industrial: outside the 10 nautical miles from the coast | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| mackerel (horse/jack) | purse seine | commercial large scale purse seine (113); small scale purse seine (21) | not applicable | Artisanal: Peru EEZ all provinces<br>Industrial: outside the 10 nautical miles from the coast | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| mackerel (horse/jack) | gillnet | none provided | not applicable | Artisanal: Peru EEZ all provinces | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| mackerel (horse/jack) | trawl, midwater/bottom | commercial large scale (4); commercial small scale (13) | not applicable | Artisanal: Peru EEZ all provinces<br>Industrial: outside the 10 nautical miles from the coast | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Punctuated snake-eel | purse seine | commercial large scale purse seine (13) | not applicable | Artisanal: Peru EEZ all provinces, 4-5 vessels on high seas<br>Industrial: outside the 10 nautical miles from the north to the south of the Peruvian maritime domain, and in international waters | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Squid, cuttlefish (Doryteuthis gahi) | purse seine | none provided | not applicable | Artisanal: Peru EEZ provinces Tumbes-Arequipa | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Squid, cuttlefish (Doryteuthis gahi) | net | none provided | not applicable | Artisanal: Peru EEZ provinces Tumbes-Arequipa | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| crab (hairy, purple) | gillnet | none provided | not applicable | Artisanal: Peru EEZ all provinces | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| crab (hairy, purple) | driftnet | none provided | not applicable | Artisanal: Peru EEZ all provinces | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| crab (hairy, purple) | crab trap | none provided | not applicable | Artisanal: Peru EEZ all provinces | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Chiri - Pacific harvestfish | trawl, bottom | none provided | not applicable | Artisanal: Peru EEZ primarily provinces north of Lima | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Chiri - Pacific harvestfish | purse seine | none provided | not applicable | Artisanal: Peru EEZ primarily provinces north of Lima | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Chiri - Pacific harvestfish | gillnet | none provided | not applicable | Artisanal: Peru EEZ primarily provinces north of Lima | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Chiri - Pacific harvestfish | driftnet | none provided | not applicable | Artisanal: Peru EEZ primarily provinces north of Lima | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Shrimp | trawl, bottom | none provided | not applicable | Artisanal: Peru EEZ primarily Piura and Tumbes | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Shrimp | purse seine | none provided | not applicable | Artisanal: Peru EEZ primarily Piura and Tumbes | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Shrimp | gillnet | none provided | not applicable | Artisanal: Peru EEZ primarily Piura and Tumbes | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Shrimp | driftnet | none provided | not applicable | Artisanal: Peru EEZ primarily Piura and Tumbes | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Hake | trawl, bottom | commercial large scale trawl net (36); commercial small scale trawl net (33); demersal trawl (48) | not applicable | Artisanal: Peru EEZ provinces Ancash and north Industrial: 5-10 nautical miles onwards | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Hake | purse seine | none provided | not applicable | Artisanal: Peru EEZ provinces Ancash and north Industrial: 5-10 nautical miles onwards | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Hake | gillnet | none provided | not applicable | Artisanal: Peru EEZ provinces Ancash and north | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Hake | trot line/setline | commercial small scale (9) | not applicable | Artisanal: Peru EEZ provinces Ancash and north | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Starry grouper | purse seine | none provided | not applicable | Artisanal: Peru EEZ provinces Piura and Tumbes | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Starry grouper | gillnet | none provided | not applicable | Artisanal: Peru EEZ provinces Piura and Tumbes | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Starry grouper | driftnet | none provided | not applicable | Artisanal: Peru EEZ provinces Piura and Tumbes | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Peruvian silverside/smelt | purse seine | none provided | not applicable | Artisanal: Peru EEZ all provinces | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Peruvian silverside/smelt | net | none provided | not applicable | Artisanal: Peru EEZ all provinces | none provided | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | C/O, A/G |
| Peruvian silverside/smelt | gillnet | none provided | not applicable | Artisanal: Peru EEZ all provinces | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| dolphinfish | purse seine | Industrial: (2) | not applicable | Oct-April; Artisanal: Peru EEZ all provinces and on high seas | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| dolphinfish | gillnet | | not applicable | Oct-April; Artisanal: Peru EEZ all provinces and on high seas | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| dolphinfish | longline, surface | Industrial: (2) | not applicable | Oct-April; Artisanal: Peru EEZ all provinces and on high seas | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Humboldt squid | purse seine | none provided | not applicable | Artisanal: Peru EEZ all provinces and on high seas | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| shark, blue, shortfin mako, hammerhead | gillnet | none provided | not applicable | Artisanal: Peru EEZ all provinces and on high seas | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | long-beaked common dolphin 973 (541–1550) dusky dolphin 818 (195–1961) bottlenose dolphins 259 (136–383) Burmeister's porpoise 205 (105–699)Bycatch numbers given but not specific to fishery. | P, A/G |
| shark, blue, shortfin mako, hammerhead | longline | none provided | not applicable | April-Dec; Artisanal: Peru EEZ all provinces and on high seas | Short-beaked common dolphins | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| Hammerhead shark | purse seine | none provided | not applicable | April-Dec; Artisanal: Peru EEZ all provinces and on high seas | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, South American fur seal | Bycatch numbers given but not specific to fishery. Please see note at top of comments for references. | P, A/G |
| shark, blue, shortfin mako, hammerhead, thresher, angel, rays, bonito, dolphinfish | driftnet | none provided | not applicable | April-Dec; Artisanal: Peru EEZ all provinces and on high seas | South American sea lion, Burmeister's porpoise, long-beaked common dolphin, dusky dolphin, bottlenose dolphin, South American fur seal | common dolphins (n = 45), dusky dolphins Lagenorhynchus obscurus (n = 20), bottlenose dolphins (n = 25), Burmeister's porpoises Phocoena spinipinnis (n = 8) and pilot whales (n = 2)Bycatch numbers given but not specific to fishery. | P, A/G |
| tuna, albacore, yellowfin, bluefin | longline | 1 | not applicable | Eastern Tropical Pacific Ocean, Inter-American Tropical Tuna Convention Area | none provided | none provided | A/G |
| tuna, yellowfin, skipjack, bigeye | purse seine | 7 < 363 MT | not applicable | Eastern Tropical Pacific Ocean, Inter-American Tropical Tuna Convention Area | Offshore spotted dolphin, Northeastern Western-southern Spinner dolphin, Eastern and Whitebelly, Common dolphin, northern, central, southern | none provided | A/G, N/I, C/O |
| **Export Fisheries with No Information** | | | | | | | |
| Yellowfin tuna | other | none provided | not applicable | Artisanal: Peru EEZ all provinces, 4-5 vessels on high seas | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Mackerel (general) | other | none provided | not applicable | all year; Artisanal: Peru EEZ all provinces | none provided | none provided | N/I |
| Squid, cuttlefish (Doryteuthis gahi) | other | none provided | not applicable | Artisanal: Peru EEZ provinces Tumbes-Arequipa | none provided | none provided | N/I |
| crab (hairy, purple) | other | none provided | not applicable | Artisanal: Peru EEZ all provinces | none provided | none provided | N/I |
| Chilean abalone | other | none provided | not applicable | July-Sept, Jan-March; Artisanal: Peru EEZ all provinces | none provided | none provided | N/I |
| Peruvian anchoveta, sardines | other | none provided | not applicable | May-July, Nov-Jan; Artisanal: Peru EEZ all provinces | none provided | none provided | N/I |
| Punctuated snake-eel | other | none provided | not applicable | Artisanal: Peru EEZ primarily northern provinces Tumbes-La Libertad | none provided | none provided | N/I |
| Chiri - Pacific harvestfish | other | none provided | not applicable | Artisanal: Peru EEZ primarily provinces north of Lima | none provided | none provided | N/I |
| Peruvian scallop | other | none provided | not applicable | Artisanal: Peru EEZ all provinces | none provided | none provided | N/I |
| Shrimp | other | none provided | not applicable | Artisanal: Peru EEZ primarily Piura and Tumbes | none provided | none provided | N/I |
| Hake | other | none provided | not applicable | Artisanal: Peru EEZ provinces Ancash and north | none provided | none provided | N/I |
| Sea cucumber | other | none provided | not applicable | Artisanal: Peru EEZ all provinces | none provided | none provided | N/I |
| Starry grouper | other | none provided | not applicable | Artisanal: Peru EEZ provinces Piura and Tumbes | none provided | none provided | N/I |
| dolphinfish | other | | not applicable | Oct-April; Artisanal: Peru EEZ all provinces and on high seas | none provided | none provided | N/I |
| Humboldt squid | other | none provided | not applicable | Artisanal: Peru EEZ all provinces and on high seas | none provided | none provided | N/I |
| Octopus | other | none provided | not applicable | Artisanal: Peru EEZ all provinces | none provided | none provided | N/I |
| shark, blue, shortfin mako, hammerhead | other | none provided | not applicable | Artisanal: Peru EEZ all provinces and on high seas | none provided | none provided | N/I |
| Caribbean spiny lobster | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| algae | none provided | none provided | none provided | none provided | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| mussels | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| orange roughy | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| Atlantic salmon | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sea bass | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| | | | | | | | |
| | | | | **Philippines** | | | |
| **Exempt Fisheries** | | | | | | | |
| Tuna (skipjack, yellowfin, bigeye) | handline/hook and line | None provided | not applicable | year-round; None provided | none documented | none documented | A/G |
| dolphinfish | handline/hook and line | None provided | not applicable | year-round; Offshore | none documented | none documented | A/G |
| Octopus | spears/gaff hooks | None provided | not applicable | year-round; Major areas = South Sulu Sea, Tawi-tawi, Jolo, Basilan, Palawan, Caraga | none documented | none documented | |
| swordfish | handline/hook and line | None provided | not applicable | EEZ | None provided | none provided | |
| **Export Fisheries** | | | | | | | |
| dolphinfish | troll | None provided | not applicable | year-round; Offshore | none documented | none documented | A/G |
| Sardine, herring, mackerel, bonito, squid, round scad | purse seine | Region 9 (Zamboanga) = 66, Region 6 (Iloilo) = 86, Region 4-B (Palawan) = 88 | not applicable | Zamboanga peninsula, Palawan, Iloilo | spinner dolphins, spotted dolphins possible interaction | none documented | C/O |
| Sardine, herring, mackerel, bonito, squid, round scad | ring net | Region 9 (Zamboanga) = 66, Region 6 (Iloilo) = 86, Region 4-B (Palawan) = 88 | not applicable | Zamboanga peninsula, Palawan, Iloilo | spinner dolphins, spotted dolphins possible interaction | none documented | C/O |
| Tuna (skipjack, yellowfin, bigeye) | purse seine | 121 | not applicable | year-round; EEZ | none documented | none documented | C/O |
| Tuna (skipjack, yellowfin, bigeye) | ring net | 107 | not applicable | year-round; EEZ | none documented | none documented | C/O |
| Tuna (skipjack, yellowfin, bigeye) | purse seine | 28 | not applicable | year-round; High Seas Pocket 1 | bottlenose dolphin, rough-toothed dolphin | 1 bottlenose, 6 rough-tooth encircled, released, subsequently died | C/O, P |
| Tuna (skipjack, yellowfin, bigeye) | ring net | 3 | not applicable | year-round; High Seas Pocket 1 | bottlenose dolphin, rough-toothed dolphin | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Blue swimming crab | pots | None provided | not applicable | year-round; Visayan Sea, Samar Sea, San Miguel Bay; Bays/Gulfs nationwide | none documented | none documented | A/G |
| Blue swimming crab | gillnet | None provided | not applicable | year-round; Visayan Sea, Samar Sea, San Miguel Bay; Bays/Gulfs nationwide | Irrawaddy dolphins | none documented | A/G |
| dolphinfish | purse seine | None provided | not applicable | year-round; Offshore | none documented | none documented | A/G |
| dolphinfish | ring net | None provided | not applicable | year-round; Offshore | none documented | none documented | A/G |
| Octopus | traps, pots | None provided | not applicable | year-round; Major areas = South Sulu Sea, Tawi-tawi, Jolo, Basilan, Palawan, Caraga | none documented | none documented | A/G |
| squid | bagnet | None provided | not applicable | year-round; nationwide | none documented | none documented | A/G |
| squid | trawl | None provided | not applicable | year-round; nationwide | none documented | none documented | A/G |
| tuna (skipjack) | drift gillnet | None provided | not applicable | municipal waters; nationwide | spinner dolphin, Fraser's dolphin, Cuvier's beaked whale, Irrawaddy dolphin | none provided | P, A/G |
| demersal and small pelagic fishes | fish corral/set net | None provided | not applicable | municipal waters; nationwide | anecdotal reports of marine mammal interaction | none provided | P, C/O, A/G |

## Poland

### Export Fisheries

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| krill | trawl, midwater | 1* | not applicable | Western Antarctic Peninsula (Subarea 48.1 CCAMLR) | unspecified seal | 2011: 1 unspecified seal killed | P, A/G |
| krill | trawl, midwater | 1* | not applicable | South Orkney Island (CCAMLR Subarea 48.2) | Antarctic fur seal | 2009: 12 fur seals killed, 3 fur seals released | P, A/G |
| krill | trawl, midwater | 1* | not applicable | South Georgia Island (CCAMLR Subarea 48.3) | Antarctic fur seal | 2008: 6 fur seals killed | P, A/G |
| Sprat, Herring, Flounder, Cod | trawl, bottom | 689.0 | not applicable | year-round, Baltic Sea (FAO 27.3d) | Phocoena phocoena | none provided | C/O, A/G |
| Sprat, Herring, Flounder, Cod | trawl, pelagic | 689.0 | not applicable | year-round, Baltic Sea (FAO 27.3d) | Phocoena phocoena | none provided | C/O, A/G |
| Sprat, Herring, Flounder, Cod | longline | 689.0 | not applicable | year-round, Baltic Sea (FAO 27.3d) | Phocoena phocoena | none provided | C/O, A/G |
| Sprat, Herring, Flounder, Cod | gillnet | 689.0 | not applicable | year-round, Baltic Sea (FAO 27.3d) | Phocoena phocoena, Bottlenose dolphins | none provided | C/O, A/G |
| Sprat, Herring, Flounder, Cod | entangling nets | 689.0 | not applicable | year-round, Baltic Sea (FAO 27.3d) | Phocoena phocoena | none provided | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Jack and horse mackerels nei, Cod, Atlantic mackerel, seabass | trawl, midwater | 4.0 | not applicable | year-round, Northeast Atlantic (FAO 27) | marine mammal interactions indicated, species not provided | none provided | C/O, A/G |
| Jack and horse mackerels nei, Cod, Atlantic mackerel, seabass | trawl, midwater | 4.0 | not applicable | year-round, Eastern Central Atlantic (FAO 34) | marine mammal interactions indicated, species not provided | none provided | C/O, A/G |
| Jack and horse mackerels nei, Cod, Atlantic mackerel, seabass | trawl, midwater | 4.0 | not applicable | year-round, Southeast Pacific (FAO 87) | marine mammal interactions indicated, species not provided | none provided | C/O, A/G |
| Jack and horse mackerels nei, Cod, Atlantic mackerel, seabass | trawl, bottom | 4.0 | not applicable | year-round, Northeast Atlantic (FAO 27) | marine mammal interactions indicated, species not provided | none provided | C/O, A/G |
| Jack and horse mackerels nei, Cod, Atlantic mackerel, seabass | trawl, bottom | 4.0 | not applicable | year-round, Eastern Central Atlantic (FAO 34) | marine mammal interactions indicated, species not provided | none provided | C/O, A/G |
| Jack and horse mackerels nei, Cod, Atlantic mackerel, seabass | trawl, bottom | 4.0 | not applicable | year-round, Southeast Pacific (FAO 87) | marine mammal interactions indicated, species not provided | none provided | C/O, A/G |
| tuna | trawl | 1.0 | not applicable | none provided | none provided | none provided | N/I |
| **Export Fisheries with No Information** | | | | | | | |
| salmon | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sardine | purse seine | none provided | none provided | none provided | none provided | none provided | N/I |

## Portugal

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Export Fisheries** | | | | | | | |
| Groundfish fishery (American plaice (long rough dab), Atlantic cod, Atlantic halibut, Atlantic redfishes), rays (Raja rays nei) | trawl, bottom otter | 9 | Not applicable | Northwest Atlantic (FAO area 21) | none documented | none documented | A/G |
| Mackerel (Atlantic), Whiting (blue) | trawl, bottom otter | 60-62 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | common dolphin | 0.8 | P, A/G |
| Black scabbardfish | Longline set | 4 | Not applicable | Western Central Atlantic (FAO area 31) | none provided | none provided | A/G |
| Mackerel (chub, horse) | purse seine | 149 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | common dolphin | 10 | P, A/G |
| Mackerel (chub, horse) | Longline drift | 1 | Not applicable | Western Africa (FAO area 34) | none provided | none provided | A/G |
| mackerels (horse) | trawl, bottom otter | 75 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | common dolphin | 1 | P, A/G |
| Common octopus | trawl, bottom otter | 63 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | common dolphin | 0.8 | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| European anchovy | purse seine | 85 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | common dolphin | 5.7 | P, A/G |
| Sardine (European pilchard) | purse seine | 141 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | common dolphin | 9.4 - 113 | P, A/G |
| Greenland halibut, haddock | trawl, bottom otter | 7 | Not applicable | Northwest Atlantic (FAO area 21) | none documented | none documented | A/G |
| Hake | trawl, bottom otter | 82 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | common dolphin | 1.1 | P, A/G |
| Hake (white), flounder (witch) | trawl, bottom otter | 8 | Not applicable | Northwest Atlantic (FAO area 21) | none documented | none documented | A/G |
| Hakes nei | Longline drift | 1 | Not applicable | Western Africa (FAO area 34) | none provided | none provided | A/G |
| Megrim sole | trawl, bottom otter | 57 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | common dolphin | 0.8 | P, A/G |
| Norwegian lobster | trawl, bottom otter | 34 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | common dolphin | 0.5 | P, A/G |
| Rose shrimp | trawl, bottom otter | 31 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | common dolphin | 0.4 | P, A/G |
| Shark (Shortfin mako, blue shark), swordfish | Longline drift | 4 | Not applicable | Southeast Atlantic Ocean (FAO area 41) | none provided | none provided | A/G |
| Shark, blue | Longline drift | 1 | Not applicable | Western Central Atlantic (FAO area 31) | none provided | none provided | A/G |
| Shark (Shortfin mako, blue shark), swordfish | Longline drift | 3 | Not applicable | Southwest Atlantic Ocean (FAO area 47) | none provided | none provided | A/G |
| Shark (blue) swordfish, | Longline drift | 21 | Not applicable | Western Africa (FAO area 34) | none provided | none provided | A/G |
| Tuna (yellowfin, bigeye), Shark (Shortfin mako, blue shark), swordfish | Longline drift | 6 | Not applicable | Western Indian Ocean (FAO area 51) | none provided | none provided | A/G |
| Shark (blue) swordfish, | Longline drift | 3 | Not applicable | Eastern Indian Ocean (FAO area 57) | none provided | none provided | A/G |
| Shark (Shortfin mako, blue shark), swordfish | Longline drift | 1 | Not applicable | Southwest Pacific (FAO area 81) | none documented | none documented | A/G |
| Shark (blue) swordfish, | Longline drift | 1 | Not applicable | Western Central Pacific (FAO area 71) | none documented | none documented | A/G |
| Shark (Shortfin mako, blue shark), swordfish | Longline drift | 2 | Not applicable | Southeast Pacific (FAO area 87) | none documented | none documented | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Shark (Shortfin mako, blue shark), swordfish, bigeye tuna | Longline drift | 10 | Not applicable | Eastern Tropical Pacific Ocean, Inter-American Tropical Tuna Convention Area | none documented | none documented | A/G |
| Squid (shortfin) | trawl, bottom otter | 25 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | common dolphin | 0.3 | P, A/G |
| Squid (European) | trawl, bottom otter | 60 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | common dolphin | 0.8 | P, A/G |
| Silver hake | trawl, bottom otter | 7 | not applicable | Northwest Atlantic (FAO area 21) | none documented | none documented | A/G |
| Tuna, (yellowfin) | Longline drift | 5 | Not applicable | Western Africa (FAO area 34) | none provided | none provided | A/G |
| Tuna (albacore) | Longline set | 4 | Not applicable | Western Africa (FAO area 34) | striped dolphin | none provided | P, A/G |
| Tuna, (bigeye) | Longline set | 9 | Not applicable | Western Africa (FAO area 34) | none provided | none provided | A/G |
| none provided | gillnet | none provided | not applicable | Northeast Atlantic Ocean (FAO zone 27) | common dolphin | 11 | N/I, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Tuna, (blue fin) | ALMADRABA/TRAPS | 3 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | common dolphin | 0 | N/I |
| Soldier striped shrimp (Gamba da Madeira) | LKW | 2 | Not applicable | Mediterranean Sea (FAO area 37) | none provided | none provided | N/I |
| seaweed | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| clam | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| crab | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| cuttlefish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| eel | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| turbot | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| ocean perch | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| pollock | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| rock lobster | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| lobster (Homarus spp) | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| mussels | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| salmon | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sea bass (Dicentrarchus spp) | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sea bream | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| snails | none provided | none provided | none provided | none provided | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| skipjack tuna | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| | | | | | | | |
| | | | **Reunion** | | | | |
| **Exempt Fisheries** | | | | | | | |
| Lobster (Jasus paulensis) Fishes ( Wreckfish--Polyprion oxygeneios, Trumpeter--Latris Lineata, Butterfish/trevally---Hyperoglyphe Antarctica) | pots | 1 vessel AUSTRAL | 2 Companies (not aquaculture) SAPMER ARMAS PECHE | EEZ of Saint - Paul and Amsterdam | None documented | None documented | |
| **Export Fisheries** | | | | | | | |
| Toothfish | Bottom Longline | 8 Vessels MASCAREIGNES III CAP HORN ILE BOURBON ALBIUS CAP KERSAINT ILE DE LA REUNION SAINT ANDRE CORINTHIAN BAY (hired under French port registration) | 7 Companies (not aquaculture) SAPMER ARMAS PECHE LES ARMEMENTS REUNIONNAIS CAP BOURBON COMATA PECHE AVENIR REUNION PECHE AUSTRALE | EEZ of Kerguelen EEZ of Crozet 1st of September (year) N to the 31th august N+1 | Sperm Whales Seals Elephant | 2015-2016 : 2 sperm whales entangled; 1 elephant seal dead 2016-2017 : 1 elephant seal dead | P |
| Ice Fish (Champsocephalus gunnari) | trawl, pelagic midwater | 2 vessels AUSTRAL ATLAS COVE (hired under French port registration) | 3 Companies (not aquaculture) SAPMER ARMAS PECHE COPECMA | EEZ of Kerguelen 1er December N to the 30 November N+1 | None documented | None documented | A/G |
| Tuna (Albacore, Germon, Listao, Patudo) | Purse seine | 42 vessels | 4 Companies (not aquaculture) OPAGAC ANABAC ORTHONGEL IOSMS | EEZ of Iles Glorieuses EEZ of Bassas de India EEZ of Tromelin EEZ of Juan de Nova EEZ of Europa 1st of January to the 31 December | False killer whales | 2014 : 4 pseudorca crassidens captured, released alive 2015 : 0 capture 2016 : 0 capture | P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Tuna (Yellowfin, Bigeye) | Longline | 39 | | EEZ of Iles Glorieuses EEZ of Bassas de India EEZ of Tromelin EEZ of Juan de Nova EEZ of Europa 1st of January to the 31 December | Small cetaceans | none provided | A/G |
| | | | | | | | |
| **Romania** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| caviar, sturgeon | aquaculture | none provided | none provided | none provided | none provided | none provided | N/I, A/G |
| shellfish, mussels | aquaculture | none provided | none provided | none provided | none provided | none provided | N/I, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Atlantic salmon | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| | | | | | | | |
| **Russia** | | | | | | | |
| **Export Fisheries** | | | | | | | |
| crabs | pots | 1 | none provided | Subarea 48.2 (South Orkney Is.) | none reported | none provided | A/G |
| crabs | pots | 1 | none provided | Subarea 48.3 (South Georgia Is.) | none reported | none provided | A/G |
| toothfish | longline | 6 | none provided | Subarea 88.1 | none reported | none provided | A/G |
| toothfish | longline | 4 | none provided | Subarea 88.2 | none reported | none provided | A/G |
| pollock fillets, roe, surimi | trawl, mid-water pelagic | none provided | none provided | Karaginsky, Russian Far East, FAO 61 | Steller sea lion, common seal, Risso's and common dolphin, harbor porpoise, narwhal; Cuvier's beaked, Stejneger's beaked, gray, bowhead, North Pacific right, humpback, fin, sei, blue, sperm, and Baird's beaked whale | none provided | A/G, C/O |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| pollock fillets, roe, surimi | trawl, mid-water pelagic | none provided | none provided | West Bering Sea, Pacific Northwest (FAO Area 61) | Steller sea lion, common seal, Risso's and common dolphin, harbor porpoise, narwhal; Cuvier's beaked, Stejneger's beaked, gray, bowhead, North Pacific right, humpback, fin, sei, blue, sperm, and Baird's beaked whale | none provided | A/G, C/O |
| pollock fillets, roe, surimi | trawl, bottom demersal | none provided | none provided | Sea of Okhotsk, Pacific Northwest (FAO Area 61) | Steller sea lion, common seal, Risso's and common dolphin, harbor porpoise, narwhal; Cuvier's beaked, Stejneger's beaked, gray, bowhead, North Pacific right, humpback, fin, sei, blue, sperm, and Baird's beaked whale | none provided | A/G, C/O |
| king and snow crab | pots | none provided | none provided | Barents Sea (Atlantic), Pacific Northwest (FAO Area 61) | humpback | none provided | A/G, C/O |
| king, opilio and Tanner crab | pots | none provided | none provided | FAO Area 61, West Bering Sea harvest area | minke, humpback | none provided | A/G, C/O |
| king, opilio, Tanner, triangle Tanner and Korean horsehair crab | pots | none provided | none provided | Sea of Okhotsk, Pacific Northwest (FAO Area 61) Kamchatka, Primorye, Kuril Islands harvest regions | minke, humpback | none provided | A/G, C/O |
| cod, sole, flounder, halibut, flatfish, groundfish | longline, demersal | none provided | none provided | Sea of Okhotsk and Western Bering Sea, Russian Far East, Pacific Northwest (FAO Area 61) | orca, Pacific white-sided dolphin, Dall's porpoise | none provided | A/G, C/O |
| flatfish, cod, mackerel, halibut, haddock, perch, grouper, snapper, gobies | trawl, bottom demersal | none provided | none provided | Russian Far East, Pacific Northwest (FAO Area 61) | minke, orca, Pacific white-sided dolphin, Dall's porpoise, harbor porpoise | none provided | A/G, C/O |
| cod, haddock | trawl, bottom demersal | none provided | none provided | Russian EEZ, Barents Sea, FAO Area 21 | none provided | none provided | A/G |
| salmon and salmon roe | gillnet, set | none provided | none provided | Russian Far East, Pacific Northwest (FAO Area 61) | Harbor porpoise, Dall's porpoise, Baird's beaked whale | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| salmon and salmon roe | gillnet | none provided | none provided | Russian Far East, Pacific Northwest (FAO Area 61) | Harbor porpoise, Dall's porpoise, Baird's beaked whale | none provided | A/G |
| haddock, mackerel, redfish, herring, blue whiting, deep sea species | trawl, bottom demersal | none provided | none provided | North-East Atlantic Fisheries Commission Regulatory Area, FAO 27 | none provided | none provided | A/G |
| haddock, mackerel, redfish, herring, blue whiting, deep sea species | trawl, mid-water pelagic | none provided | none provided | North-East Atlantic Fisheries Commission Regulatory Area, FAO 27 | none provided | none provided | A/G |
| haddock, mackerel, redfish, herring, blue whiting, deep sea species | purse seine | none provided | none provided | North-East Atlantic Fisheries Commission Regulatory Area, FAO 27 | none provided | none provided | A/G |
| haddock, mackerel, redfish, herring, blue whiting, deep sea species | gillnet | none provided | none provided | North-East Atlantic Fisheries Commission Regulatory Area, FAO 27 | none provided | none provided | A/G |
| groundfish, cod, redfish, witch, hake, skates, halibut, squid | trawl, bottom | none provided | none provided | North Atlantic Fishery Organization (NAFO) Regulatory Area | none provided | none provided | A/G |
| tuna | purse seine | none provided | none provided | Western Indian Ocean | sei, Bryde's, minke, and pygmy blue whales | none provided | A/G |
| North Pacific armourhead, splendid alfonsino | trawl, bottom | 26 | not applicable | high seas North Pacific | none provided | none provided | A/G |
| sablefish | longline | 1 | not applicable | high seas North Pacific | none provided | none provided | A/G |
| flounder, cod, herring, sprat | gillnet | none provided | none provided | Baltic | harbor porpoise, harbor seal, Baltic ringed seal, grey seal | none provided | A/G |
| flounder, cod, herring, sprat | trawl | none provided | none provided | Baltic | harbor porpoise, harbor seal, Baltic ringed seal, grey seal | none provided | A/G |
| pollock fillets, roe, surimi | Danish seine | none provided | none provided | Sea of Okhotsk, FAO Area 61 | Steller sea lion, common seal, Risso's and common dolphin, harbor porpoise, narwhal; Cuvier's beaked, Stejneger's beaked, gray, bowhead, North Pacific right, humpback, fin, sei, blue, sperm, and Baird's beaked whale | none provided | N/I |

**Export Fisheries with No Information**

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| kill | trawl, midwater | 1 | none provided | Subarea 48.2 (South Orkney Is.) | none reported | none provided | N/I |
| kill | trawl, midwater bream | 1 | none provided | Subarea 48.2 (South Orkney Is.) | none reported | none provided | N/I |
| kill | trawl, midwater bream | 1 | none provided | Subarea 48.3 (South Georgia Is.) | none reported | none provided | N/I |
| kill | trawl, midwater bream | 1 | none provided | Subarea 48.3 (South Georgia Is.) | none reported | none provided | N/I |
| flatfish, cod, mackerel, halibut, haddock, perch, grouper, snapper, gobies | Danish (bottom) seine | none provided | none provided | Russian Far East, Pacific Northwest (FAO Area 61) | none provided | none provided | N/I |
| herring | no information | none provided | none provided | Western Bering Sea, Pacific Northwest (FAO Area 61) | none provided | none provided | N/I |
| salmon and salmon roe | netted fish traps | none provided | none provided | Russian Far East, Pacific Northwest (FAO Area 61) | Harbor porpoise, Dall's porpoise, Baird's beaked whale | none provided | N/I |
| Hanasaki crab | none provided | none provided | none provided | Far East | none provided | none provided | N/I |
| Snow crab | pots | none provided | none provided | Chuckchi Sea - Far East | none provided | none provided | N/I |
| Crab, mitten, vermillion | pots | none provided | none provided | Far East | none provided | none provided | N/I |
| Duck clam | none provided | none provided | none provided | Far East | none provided | none provided | N/I |
| Mussels | none provided | none provided | none provided | Far East | none provided | none provided | N/I |
| clams, Softshell clams, nut clams, razor clams | none provided | none provided | none provided | Far East | none provided | none provided | N/I |
| Arctic surf clams | none provided | none provided | none provided | Far East | none provided | none provided | N/I |
| Japanese sea cucumber | none provided | none provided | none provided | Far East | none provided | none provided | N/I |
| Codfish | none provided | none provided | none provided | Far East | none provided | none provided | N/I |
| whelk species, kaga whelk | none provided | none provided | none provided | Far East | none provided | none provided | N/I |
| Oysters | none provided | none provided | none provided | Far East | none provided | none provided | N/I |
| haddock, mackerel, redfish, herring, blue whiting, deep sea species | Scottish seine | none provided | none provided | North-East Atlantic Fisheries Commission Regulatory Area, FAO 27 | none provided | none provided | N/I |
| haddock, mackerel, redfish, herring, blue whiting, deep sea species | pots | none provided | none provided | North-East Atlantic Fisheries Commission Regulatory Area, Atlantic Northeast (FAO Area 27) | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| haddock, mackerel, redfish, herring, blue whiting, deep sea species | driftnet | none provided | none provided | North-East Atlantic Fisheries Commission Regulatory Area, FAO 27 | none provided | none provided | N/I |
| haddock, mackerel, redfish, herring, blue whiting, deep sea species | tangle net | none provided | none provided | North-East Atlantic Fisheries Commission Regulatory Area, FAO 27 | none provided | none provided | N/I |
| haddock, mackerel, redfish, herring, blue whiting, deep sea species | hook & line | none provided | none provided | North-East Atlantic Fisheries Commission Regulatory Area, FAO 27 | none provided | none provided | N/I |
| Atlantic salmon | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| molluscs, shellfish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| ocean perch | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| shrimp | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| halibut - Atlantic, Pacific | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| molluscs | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| cusk | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| flatfish - plaice, flounder, halibut, turbot | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| crab - dungeness | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| coral, shells | hand collection | none provided | none provided | none provided | none provided | none provided | N/I |
| rock lobster | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sauger | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sturgeon roe | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| clam | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| swordfish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| cuttlefish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sponge | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| crustaceans | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| scallop | none provided | none provided | none provided | Kurile Islands & Sea of Japan, Russian Far East, FAO 61 | none provided | none provided | N/I |
| sea urchin | none provided | none provided | none provided | Kurile Islands & Sea of Japan, Russian Far East, FAO 61 | none provided | none provided | N/I |
| sea bass | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| seaweed | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| squid | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| anchovy | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sardine | none provided | none provided | none provided | none provided | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Pacific saury, also called mackerel pike | none provided | none provided | none provided | Sea of Japan & western North Pacific, Russian Far East, Pacific Northwest (FAO Area 61) | none provided | none provided | N/I |
| caviar | none provided | none provided | none provided | not provided | none provided | none provided | N/I |
| Sturgeon | none provided | none provided | none provided | Laptev Sea & Siberian Basin | none provided | none provided | N/I |
| Siberian white salmon | none provided | none provided | none provided | Laptev Sea & Siberian Basin | none provided | none provided | N/I |
| Arctic cod | none provided | none provided | none provided | Laptev Sea & Siberian Basin | none provided | none provided | N/I |
| Herring | none provided | none provided | none provided | Black and Azov Seas | harbor porpoise | none provided | N/I |
| Flounder | none provided | none provided | none provided | Black and Azov Seas | harbor porpoise | none provided | N/I |
| sea snails | none provided | none provided | none provided | Black and Azov Seas | harbor porpoise | none provided | N/I |
| mussels | none provided | none provided | none provided | Black and Azov Seas | harbor porpoise | none provided | N/I |
| brine shrimp | none provided | none provided | none provided | Black and Azov Seas | harbor porpoise | none provided | N/I |
| anchovy | none provided | none provided | none provided | Black and Azov Seas | harbor porpoise | none provided | N/I |
| Atlantic horse mackerel | none provided | none provided | none provided | Black and Azov Seas | harbor porpoise | none provided | N/I |
| Bastard halibut | none provided | none provided | none provided | Black and Azov Seas | harbor porpoise | none provided | N/I |
| turbot, sturgeon, spiny dogfish | large mesh net | none provided | none provided | Black Sea | harbor porpoise, common and bottlenose dolphin | none provided | N/I |
| herring | none provided | none provided | none provided | Caspian Sea & Volga River | Caspian seal | none provided | N/I |
| crustaceans | none provided | none provided | none provided | Caspian Sea & Volga River | Caspian seal | none provided | N/I |
| crayfish | none provided | none provided | none provided | Caspian Sea & Volga River | Caspian seal | none provided | N/I |
| Cod, haddock, halibut | none provided | none provided | none provided | White Sea - Barents | none provided | none provided | N/I |
| Capelin | none provided | none provided | none provided | White Sea - Barents | none provided | none provided | N/I |
| herring | none provided | none provided | none provided | White Sea - Barents | none provided | none provided | N/I |
| Northern shrimp | none provided | none provided | none provided | White Sea - Barents | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| flounder, Artic flounder | none provided | none provided | none provided | White Sea - Barents | none provided | none provided | N/I |
| scallop | none provided | none provided | none provided | White Sea - Barents | none provided | none provided | N/I |
| salmon, Pink Salmon | none provided | none provided | none provided | White Sea - Barents | none provided | none provided | N/I |
| Atlantic salmon | none provided | none provided | none provided | White Sea - Barents | none provided | none provided | N/I |
| carp, catfish, eels, perch, snakehead, tilapia | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| pike | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| trout | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| yellow perch | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| pickerel | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| Carp (landlocked form) | none provided | none provided | none provided | Lake Baikal | none provided | none provided | N/I |
| Skin carp | none provided | none provided | none provided | Lake Baikal | none provided | none provided | N/I |
| Carp | none provided | none provided | none provided | Laptev Sea & Siberian Basin | none provided | none provided | N/I |
| Whitefish | none provided | none provided | none provided | Laptev Sea & Siberian Basin | none provided | none provided | N/I |
| Pike | none provided | none provided | none provided | Laptev Sea & Siberian Basin | none provided | none provided | N/I |
| pike | none provided | none provided | none provided | Black and Azov Seas | harbor porpoise | none provided | N/I |
| carp | none provided | none provided | none provided | Black and Azov Seas | harbor porpoise | none provided | N/I |
| carp | none provided | none provided | none provided | Caspian Sea & Volga River | Caspian seal | none provided | N/I |
| pike perch | none provided | none provided | none provided | Caspian Sea & Volga River | Caspian seal | none provided | N/I |
| Whitefish | none provided | none provided | none provided | White Sea - Barents | none provided | none provided | N/I |

## Saudi Arabia

### Exempt Fisheries

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| marine fish (demersal fish species, and shrimp) | handline | Red Sea: 7611 artisanal fishing boats, Arabian Gulf: 1825 artisanal fishing boats, | Saudi Fisheries Company | Jizan on the southern Red Sea coast, Arabian Gulf | none provided | none provided | A/G, N/I |
| shrimp (white) | aquaculture | none provided | Saudi Fisheries Company (OUMG FARM), Jazan Development company | City of OUMG, Red Sea region of Jizan and Tihama Plains, AL HURAIDHA, ASIR REGION | none provided | none provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Seabream, Seabass, cuttlefish | aquaculture | aquaculture | Tabuk Fisheries Co is owned by Jazan Development Company, Saudi Fisheries Company | Red Sea region of Jizan and Tihama Plains | none provided | none provided | A/G, N/I |
| tuna, bigeye, yellowfin, swordfish | handline | none provided | not applicable | Red Sea, Arabian Sea, Indian Ocean, Persian Gulf | none provided | none provided | A/G, N/I |
| **Export Fisheries** | | | | | | | |
| marine fish (demersal fish species, and shrimp) | trawl, industrial | RINDUSTRIAL Vessel - Red Sea: 149, Arabian Gulf: 34 | Saudi Fisheries Company | Jizan on the southern Red Sea coast, Arabian Gulf | none provided | none provided | A/G, N/I |
| marine fish (demersal fish species, and shrimp) | gillnet | Red Sea: 7611 artisanal fishing boats, Arabian Gulf: 1825 artisanal fishing boats, | Saudi Fisheries Company | Jizan on the southern Red Sea coast, Arabian Gulf | none provided | none provided | A/G, N/I |
| marine fish (demersal fish species, and shrimp) | traps | Red Sea: 7611 artisanal fishing boats, Arabian Gulf: 1825 artisanal fishing boats, | Saudi Fisheries Company | Jizan on the southern Red Sea coast, Arabian Gulf | none provided | none provided | A/G, N/I |
| marine fish (demersal fish species, and shrimp) | troll | Red Sea: 7611 artisanal fishing boats, Arabian Gulf: 1825 artisanal fishing boats, | Saudi Fisheries Company | Jizan on the southern Red Sea coast, Arabian Gulf | none provided | none provided | A/G, N/I |
| shrimp | trawl, artisanal | Arabian Gulf: 1825 artisanal fishing boats, | not applicable | Arabian Gulf | none provided | none provided | A/G, N/I |
| tuna, bigeye, yellowfin, swordfish | gillnet | none provided | not applicable | Red Sea, Arabian Sea, Indian Ocean, Persian Gulf | spotted dolphin, long-beaked common dolphin, bottlenose dolphin, Risso's dolphin, humpback whale | 452-1821 | A/G, N/I |
| | | | | | | | |
| **Senegal** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| tuna and off-shore small pelagics, swordfish, dolphinfish | pole and line | 19 (8 from E.U.) | not applicable | Senegal EEZ | none provided | none provided | N/I, A/G |
| **Export Fisheries** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| cuttlefish, octopus, squid | by catch from E.U. trawling | 2 E.U. trawlers - 100 foreign trawlers | not applicable | West Africa | none provided | none provided | N/I, A/G |
| grouper, herring, sardine, seabream, snapper | purse seine | 30,300 motorized canoes | not applicable | West Africa | Atlantic hump-backed dolphin, harbor porpoise, rough-toothed dolphin | few | N/I, A/G, P |
| grouper, herring, sardine, seabream, snapper | trawl | 30,300 motorized canoes | not applicable | West Africa | Atlantic hump-backed dolphin | few | N/I, A/G, P |
| sardine, sardinella, horse mackerel, mackerel, mullet | trawl | 143 | not applicable | none provided | Atlantic hump-backed dolphin | few | N/I, A/G |
| sardine, sardinella, horse mackerel, mackerel, mullet | purse seine | none provided | not applicable | none provided | Atlantic hump-backed dolphin, harbor porpoise, rough-toothed dolphin, | few | N/I, A/G, P |
| lobster | traps | none provided | not applicable | West Africa | none provided | none provided | N/I, A/G |
| marine fish (deep demersal species), flat fish, groundfish, cod | trawl | 2 E.U. trawlers (renewed in 2014) - 100 foreign trawlers | not applicable | West Africa | none provided | none provided | N/I, A/G |
| shrimp | trawl, industrial | 30 | not applicable | Senegal EEZ, FAO Area 34 | bottlenose, Atlantic humpback, long and short beaked common dolphin; harbor porpoises | 100 cetaceans/yr. | N/I, A/G, P |
| shrimp | gillnet, coastal | none provided | not applicable | Senegal EEZ | bottlenose, Atlantic humpback, long and short beaked common dolphin; harbor porpoises | 100 cetaceans/yr. | N/I, A/G, P |
| shrimp | trawl, coastal | 30,300 motorized canoes | not applicable | Senegal EEZ | bottlenose, Atlantic humpback, long and short beaked common dolphin; harbor porpoises | 100 cetaceans/yr. | N/I, A/G, P |
| tuna, albacore, yellowfin, big eye, swordfish, dolphinfish | long line | none provided | not applicable | Indian Ocean Tuna Commission convention area | none provided | none provided | N/I, A/G |
| tuna and off-shore small pelagics | seine | 23-28 | not applicable | Senegal EEZ | harbor porpoise, rough-toothed dolphin | few | N/I, A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| shark | net | none provided | not applicable | none provided | Atlantic hump-backed dolphin, bottlenose dolphin, harbor porpoise | 20 | N/I, A/G, P |
| black hake | trawl | 2 E.U. trawlers | not applicable | West Africa | none provided | none provided | N/I, A/G |
| | | | | | | | |
| bass | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| fish liver, roe, milt (fresh) | none provided | none provided | none provided | Senegal EEZ | none provided | none provided | N/I |
| molluscs | none provided | none provided | none provided | Senegal EEZ | none provided | none provided | N/I |
| none provided | trammel net | none provided | not applicable | none provided | bottlenose dolphin | few | N/I |
| | | | | | | | |
| **Seychelles** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| tuna, bigeye, yellowfin, swordfish | purse seine | 40 E.U. purse seiners, 13 Seychelles' purse seiners | not applicable | Southwest Indian ocean & Seychelles EEZ | none provided | none provided | N/I, A/G |
| tuna, bigeye, yellowfin, swordfish | handline | none provided | not applicable | Western Indian Ocean | none provided | none provided | N/I, A/G |
| lobster, sea cucumber | diving | no. of licenses is limited at 25 | not applicable | Seychelles" coast | none provided | none provided | N/I, A/G |
| **Export Fisheries** | | | | | | | |
| grouper, seabass, snapper | Artisanal (set bottom fishing, ball bottom fishing, bottom fishing adrift) | 417 | not applicable | Seychelles EEZ | none provided | none provided | N/I, A/G |
| tuna, bigeye, yellowfin, swordfish | longline, surface | 6 E.U., 60 Seychelles longliners | not applicable | Eastern & Western Indian ocean & Seychelles EEZ | Indo-Pacific bottlenose, common bottlenose, spinner dolphins | none provided | N/I, A/G, C/O |
| tuna, swordfish. Shark, sailfish, marlin | longline (semi-industrial fleet) | 7 - 9 | not applicable | Eastern & Western Indian ocean & Seychelles EEZ | Indo-Pacific bottlenose, common bottlenose, spinner dolphins | none provided | N/I, A/G |
| tuna and large pelagics | trawl and industrial gear | none provided | not applicable | Somalia EEZ | none provided | none provided | N/I, A/G |
| | | | | | | | |
| **Sierra Leone** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| oysters | aquaculture -raft | none provided | none provided | coastal | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |
| finfish (herring, mackerel) | trawl | none provided | none provided | none provided | none provided | none provided | A/G, N/I |
| squid | trawl | none provided | none provided | none provided | none provided | none provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna** | longline | 0* | not applicable | International Convention fo | none provided | none provided | A/G, N/I |
| tuna** | purse seine | 0* | not applicable | International Convention fo | none provided | none provided | A/G, N/I |
| **Slovenia** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| European seabass | aquaculture cages | 1 | none provided | North Adriatic | none documented | none documented | A/G, N/I |
| Mediterranean mussel | aquaculture suspension | 27 | none provided | North Adriatic | none documented | none documented | A/G, N/I |
| warty venus (clam) | aquaculture suspension | 2 | none provided | North Adriatic | none documented | none documented | A/G, N/I |
| **Export Fisheries** | | | | | | | |
| anchovy, sardine, mackerel | purse seines | 5 | Not applicable | North Adriatic | none documented | none documented | A/G |
| mullet, sole, hake, mackerel | trawl, bottom | 10 | Not applicable | North Adriatic | none documented | none documented | A/G |
| whiting, mackerel | bottom-set nets | 69 | Not applicable | North Adriatic | bottlenose dolphin | 3 dolphins/5yrs | P, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| seaweed | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| albacore | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| **Solomon Islands** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| coral, shell, cuttlebone, trochus shell, rock lobster, clam | netting and hand collection | none provided | not applicable | nearshore | none provided | none provided | A/G, N/I |
| mackerel, shallow-reef finfish | Dropline, handline, troll, spear, gillnet | none provided | not applicable | nearshore | none provided | none provided | A/G, N/I |
| tuna, yellowfin, bigeye, tuna-like species, sharks, billfish, rainbow runner, and triggerfish | purse seine | 91 (8 local & 83 foreign) | not applicable | Western Central Pacific Fisheries Commission Convention Area | spinner and pan tropical dolphin | none provided | A/G, N/I |
| tuna, yellowfin, bigeye, tuna-like species | Pole and line | 54 (23 local & 31 foreign) | not applicable | Solomon Islands EEZ | none provided | none provided | A/G, N/I |
| **Export Fisheries** | | | | | | | |
| mackerel, shallow-reef finfish | gillnet | none provided | not applicable | nearshore | none provided | none provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna, yellowfin, bigeye, tuna-like species, dolphinfish, sharks, billfish, opah, wahoo | Longline | 35 (15 local & 20 foreign) | not applicable | Western Central Pacific Fisheries Commission Convention Area | none provided | none provided | A/G, N/I |
| shark | Longline | none provided | not applicable | Solomon Islands EEZ | none provided | none provided | N/I, A/G |
| **South Africa** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| coral, shells, cuttlebone | hand collection | none provided | none provided | none provided | none provided | none provided | A/G |
| hake, cod, groundfish | handline | 130 | not applicable | none provided | none provided | none provided | A/G |
| squid | jig | 138 | not applicable | South Africa EEZ , Port Elizabeth and Port St. Francis area | none provided | none provided | A/G |
| tuna (albacore, bigeye, bluefin, yellowfin, bonito), swordfish, shark | handline | 5 | not applicable | Indian Ocean Tuna Commission Convention area | none documented | none documented | P, A/G |
| Linefish (>200 spp.): Snoek, yellowtail, geelbek, carpenter, slinger, kob, hottentot, santer, red Roman, Englishman, snapper shark | hook and line | 455 | not applicable | South Africa EEZ | none provided | none provided | A/G |
| Snoek mackerel, yellowtail, mullet, silvers | handline | 10+ | not applicable | South Africa EEZ | none provided | none provided | A/G |
| tuna (albacore, bigeye, bluefin, yellowfin, bonito), swordfish, shark | handline | 20 | not applicable | September-May, South Atlantic | none provided | none provided | A/G |
| seaweed | aquaculture (lines) | none provided | none provided | none provided | none provided | none provided | N/I |
| **Export Fisheries** | | | | | | | |
| toothfish | longline | 1 | not applicable | Subarea 48.3 (South Georgia Is.) | none provided | none provided | A/G |
| toothfish | longline | 1 | not applicable | Subarea 48.6 | none provided | none provided | A/G |
| toothfish | longline | 1 | not applicable | Subarea 58.4.2 | none provided | none provided | A/G |
| toothfish | longline | 2 | not applicable | Subarea 58.6 (Crozet Island) | none provided | none provided | A/G |
| toothfish | longline | 2 | not applicable | Subarea 58.7 (Prince Edward and Marion Is.) | none provided | none provided | A/G |
| toothfish | longline | 1 | not applicable | Subarea 88.1 | none provided | none provided | A/G |
| toothfish | longline | 1 | not applicable | Subarea 88.2 | none provided | none provided | A/G |
| crab | Trap / Pot | none provided | not applicable | none provided | none provided | none provided | A/G |
| shrimp and crustaceans | trawl | none provided | not applicable | South Africa EEZ, Kwazulu Natal (KZN) | none provided | none provided | A/G |
| hake, cod, groundfish, flatfish | longline | 64 | not applicable | none provided | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| hake, cod, groundfish, kingklip, monkfish, flatfish | trawl, demersal | 61 - 70 | not applicable | offshore, within South Africa EEZ | none provided | none provided | A/G |
| hake, cod, sole, groundfish | trawl | 20 -31 | not applicable | inshore, Mossel Bay and Port Elizabeth on the south coast | none provided | none provided | A/G |
| lobster (Species: South Coast Rock Lobster - Palinurus gilchristi) | Longline trap fishery | 9 | not applicable | South Africa EEZ, Agulhas Bank | none reported | None | A/G, C/O |
| lobster (Species: West Coast Rock Lobster) | traps and hoop nets | 105 | not applicable | South Africa EEZ, Cape west and southwest coasts between Cape Town and Cape Agulhas | none reported | None | A/G, C/O |
| octopus, cuttlefish | trawl | none provided | not applicable | none provided | none provided | none provided | A/G |
| orange roughy | trawl, bottom | none provided | not applicable | none provided | none provided | none provided | A/G |
| sardine, anchovy sardinella, brisling, sprat, pilchard, round herring | purse seine | 100 | not applicable | none provided | none provided | none provided | A/G |
| tuna (albacore, bigeye, bluefin, yellowfin, bonito), swordfish, shark | longline | 47 | not applicable | South Atlantic | none provided | none provided | A/G |
| tuna (albacore, bigeye, bluefin, yellowfin, bonito), swordfish, shark | longline | 22 | not applicable | Indian Ocean Tuna Commission Convention area | common dolphin, killer whale, unidentified dolphin | 1, 1, 1 | A/G |
| none provided - unknown target species | gillnet, bottom trawl, driftnet, bottom-set net | none provided | not applicable | South Africa EEZ | Heaviside's, Indian humpback, bottlenose, striped, common dolphin; false killer whale | 57 Heaviside's/yr.; 20-23 bottlenose/yr.; 33 common/yr. | P, A/G |
| sharks | longline | 31 | not applicable | Natal, EEZ and outside EEZ | Indian humpback and bottlenose dolphin | 7-8/yr. | P, A/G |
| marine fishes (black ruff, blue nose, grouper, cusk eel (kingklip)), snapper | longline | 10+ | not applicable | South Africa EEZ | none provided | none provided | A/G |
| dorado (mahi mahi), marlin, spearfish, kingfish (gastoro), oilfish, sailfish, moonfish, skipjack tuna, snoek mackerel, wahoo | longline | 10+ | not applicable | South Africa EEZ | none provided | none provided | A/G |
| redfish (Jacopever), horse mackerel, john dory, panga, ribbonfish, skate, mullet, blue nose, grouper, bass, butterfish | trawl | 10+ | not applicable | South Africa EEZ, Agulhas Bank | Cape fur seals, bottlenose and common dolphins | 106 Cape fur seals/yr. 1.4 bottlenose and 1.2 common dolphin/yr. | A/G, P |
| Mackerel, mullet, pilchards | purse seine | 10+ | not applicable | South Africa EEZ | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Mullet | net | 10+ | not applicable | South Africa EEZ | none provided | none provided | A/G |
| | | | | | | | |
| salmon | aquaculture | none provided | none provided | offshore, off Gansbaai within South Africa EEZ | none provided | none provided | N/I |
| lobster (homarus) | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| | | | | | | | |
| **South Korea** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| squid | angling | 5 | Not applicable | year-round, West Sea | none provided | none provided | A/G |
| squid | angling | 115 | Not applicable | year-round, South Sea | none provided | none provided | A/G |
| squid | angling | 312 | Not applicable | year-round, East Sea | none provided | none provided | A/G |
| squid | angling | 31 | Not applicable | year-round, Atlantic Ocean | none provided | none provided | A/G |
| squid | angling | 4 | Not applicable | year-round, Pacific Ocean | none provided | none provided | A/G |
| sea cucumber | hand collection | 197 | Not applicable | year-round, West Sea | none provided | none provided | A/G |
| sea cucumber | hand collection | 28 | Not applicable | year-round, South Sea | none provided | none provided | A/G |
| sea cucumber | hand collection | 34 | Not applicable | year-round, East Sea | none provided | none provided | A/G |
| manila clam | aquaculture (bare hands collection) | 328 | none provided | year-round, West Sea | none provided | none provided | A/G |
| manila clam | aquaculture (bare hands collection) | 288 | none provided | year-round, South Sea | none provided | none provided | A/G |
| manila clam | aquaculture (bare hands collection) | 145 | none provided | year-round, East Sea | none provided | none provided | A/G |
| sea urchin | aquaculture (hand collection) | none provided | none provided | none provided | none provided | none provided | A/G |
| conch | aquaculture (hand collection) | none provided | none provided | none provided | none provided | none provided | A/G |
| cockle | aquaculture (hand collection) | 2 | none provided | year-round, West Sea | none provided | none provided | A/G |
| cockle | aquaculture (hand collection) | 11 | none provided | year-round, South Sea | none provided | none provided | A/G |
| cockle | aquaculture (hand collection) | 11 | none provided | year-round, East Sea | none provided | none provided | A/G |
| fan mussel | aquaculture (hand collection) | 13 | none provided | year-round, West Sea | none provided | none provided | A/G |
| seaweed | aquaculture | 188 | none provided | September-Mayfloating in West Sea | none provided | none provided | N/I, A/G |
| seaweed | aquaculture | 1192 | none provided | September-May, floating South Sea | none provided | none provided | N/I, A/G |
| seaweed | aquaculture | 36 | none provided | September-May, floating East Sea | none provided | none provided | N/I, A/G |
| oyster | hanging culture | 268 | none provided | year-round, West Sea | none provided | none provided | N/I, A/G |
| oyster | hanging culture | 1041 | none provided | year-round, South Sea | none provided | none provided | N/I, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| oyster | hanging culture | 774 | none provided | year-round, East Sea | none provided | none provided | N/I, A/G |
| halibut | cage aquaculture | 2 | none provided | year-round, South Sea | none provided | none provided | N/I, A/G |
| halibut | cage aquaculture | 10 | none provided | year-round, East Sea | none provided | none provided | N/I, A/G |
| Pacific saury | lever lift net | 14 | Not applicable | year-round, Pacific Ocean | none provided | none provided | N/I, A/G |
| Pacific saury | lever lift net | 14 | Not applicable | year-round, Russia | none provided | none provided | N/I, A/G |
| sea squirt | hanging culture | 230 | none provided | year-round, South Sea | none provided | none provided | N/I, A/G |
| sea squirt | hanging culture | 128 | none provided | year-round, East Sea | none provided | none provided | N/I, A/G |
| abalone | cage aquaculture | 6 | none provided | year-round, West Sea | none provided | none provided | N/I, A/G |
| abalone | cage aquaculture | 828 | none provided | year-round, South Sea | none provided | none provided | N/I, A/G |
| abalone | cage aquaculture | 25 | none provided | year-round, East Sea | none provided | none provided | N/I, A/G |
| green laver (sea lettuce) | floating aquaculture | 54 | none provided | year-round, South Sea | none provided | none provided | N/I, A/G |
| sea-bream | cage aquaculture | 5 | none provided | year-round, West Sea | none provided | none provided | N/I, A/G |
| sea-bream | cage aquaculture | 329 | none provided | year-round, South Sea | none provided | none provided | N/I, A/G |
| sea-bream | cage aquaculture | 253 | none provided | year-round, East Sea | none provided | none provided | N/I, A/G |
| scallop | aquaculture (hanging culture) | 4 | none provided | year-round, West Sea | none provided | none provided | N/I, A/G |
| scallop | aquaculture (hanging culture) | 31 | none provided | year-round, South Sea | none provided | none provided | N/I, A/G |
| scallop | aquaculture (hanging culture) | 30 | none provided | year-round, East Sea | none provided | none provided | N/I, A/G |
| yellowtail | cage aquaculture | 10 | none provided | year-round, South Sea | none provided | none provided | N/I, A/G |
| yellowtail | cage aquaculture | 13 | none provided | year-round, East Sea | none provided | none provided | N/I, A/G |
| bass | cage aquaculture | 2 | none provided | year-round, West Sea | none provided | none provided | N/I, A/G |
| bass | cage aquaculture | 121 | none provided | year-round, South Sea | none provided | none provided | N/I, A/G |
| bass | cage aquaculture | 56 | none provided | year-round, East Sea | none provided | none provided | N/I, A/G |
| **Export Fisheries** | | | | | | | |
| icefish | trawl, midwater | 2 | Not applicable | Subarea 48.3 (South Georgia Is.) | none documented | none documented | A/G |
| krill | trawl, midwater | 3 | Not applicable | Subarea 48.1 (Western Antarctic Peninsula) | none documented | none documented | A/G |
| krill | trawl, midwater | 3 | Not applicable | Subarea 48.2 (South Orkney Is.) | none documented | none documented | A/G |
| krill | trawl, midwater | 2 | Not applicable | Subarea 48.3 (South Georgia Is.) | Antarctic fur seal | 2008: 1 fur seal killed, 1 released, 2016: 1 fur seal killed | A/G, P |
| toothfish | longline | 1 | Not applicable | Subarea 48.3 (South Georgia Is.) | none documented | none documented | A/G |
| toothfish | pot | 1 | Not applicable | Subarea 48.3 (South Georgia Is.) | none documented | none documented | A/G |
| toothfish | longline | 2 | Not applicable | Subarea 48.6 | none documented | none documented | A/G |
| toothfish | longline | 2 | Not applicable | Subarea 58.4.1 (East Antarctica) | none documented | none documented | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| toothfish | longline | 2 | Not applicable | Subarea 58.4.2 | none documented | none documented | A/G |
| toothfish | longline | 6 | Not applicable | Subarea 88.1 | none documented | none documented | A/G |
| toothfish | longline | 4 | Not applicable | Subarea 88.2 | none documented | none documented | A/G |
| toothfish | longline | 5 | Not applicable | December-March, "Antarctic" | none provided | none provided | A/G |
| toothfish | longline | 10 | Not applicable | year-round, Atlantic Ocean (subarea 48.3?) | none provided | none provided | A/G |
| flounder | gillnet | none provided | Not applicable | East Sea/South Sea | common dolphin, long-beaked, Pacific White-Sided Dolphin, Harbor Porpoise, Finless Porpoise, Stejneger's Beaked Whale, Bryde's Whale, Common Minke Whale, False Killer Whale, Short-Finned Pilot Whale, Common Bottlenose dolphin, killer whale, Risso's dolphin, Dall's porpoise | 730, 34, 54, 45, 1, 1, 100, 1, 1, 30, 1, 58, 3 | A/G, P |
| porgy | gillnet | none provided | Not applicable | East Sea/South Sea | common dolphin, long-beaked, Pacific White-Sided Dolphin, Harbor Porpoise, Finless Porpoise, Stejneger's Beaked Whale, Bryde's Whale, Common Minke Whale, False Killer Whale, Short-Finned Pilot Whale, Common Bottlenose dolphin, killer whale, Risso's dolphin, Dall's porpoise | 730, 34, 54, 45, 1, 1, 100, 1, 1, 30, 1, 58, 3 | A/G, P |
| squid | trawl | 52 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, false killer whale, finless porpoise | 3, 1, 106 (2012-13) | A/G, P |
| squid | trawl | 53 | Not applicable | year-round, South Sea - Jeonnam | bottlenose dolphin, common dolphin, common minke whale, finless porpoise | 1, 5, 1, 637 (2013-15) | A/G, P |
| squid | trawl | 38 | Not applicable | year-round, East Seas - Gyeonbuk | bottlenose dolphin, common dolphin, common minke whale, Dall's porpoise, finless porpoise, pacific white-sided dolphin | 2, 6, 3, 1, 2, 1 (2012-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| squid | trawl | 39 | Not applicable | year-round, East Seas - Ulsan | pacific white-sided dolphin | 1 (2016) | A/G, P |
| squid | trawl | 39 | Not applicable | year-round, East Seas - Unknown province | common dolphin | 1 (2016) | A/G, P |
| squid | trawl | none provided | Not applicable | year-round, Pacific Ocean - Sea of Japan | Pacific White-Sided Dolphin, Finless Porpoise, Common Minke Whale | 28, 545, 68 | A/G, P |
| squid | trawl | 12 | Not applicable | year-round, Atlantic Ocean | Pacific White-Sided Dolphin, Finless Porpoise, Common Minke Whale | 28, 545, 68 | A/G, P |
| squid | pound net | none provided | Not applicable | year-round, East Sea | long-beaked common dolphin, Pacific White-Sided Dolphin, Finless Porpoise, Harbor Porpoise, Common Minke Whale, Dall's porpoise | 38, 1, 3, 19, 25, 1, 1 | P |
| amberjack | pound net | none provided | Not applicable | none provided | long-beaked common dolphin, Pacific White-Sided Dolphin, Finless Porpoise, Harbor Porpoise, Common Minke Whale, Dall's porpoise | 38, 1, 3, 19, 25, 1, 1 | P |
| angler fish | trawl | none provided | Not applicable | year-round, Sea of Japan | Pacific White-Sided Dolphin, Finless Porpoise, Common Minke Whale | 28, 545, 68 | A/G, P |
| halibut | gillnet | 3791 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| halibut | gillnet | 3791 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| halibut | gillnet | 3791 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |
| halibut | gillnet | 3791 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| halibut | gillnet | 3791 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| halibut | gillnet | 3791 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| halibut | gillnet | 6076 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| halibut | gillnet | 6076 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| halibut | gillnet | 6076 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| halibut | gillnet | 6076 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| halibut | gillnet | 6076 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |
| halibut | gillnet | 3437 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |
| halibut | gillnet | 3437 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |
| halibut | gillnet | 3437 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |
| halibut | gillnet | 3437 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| halibut | gillnet | 3437 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| halibut | gillnet | none provided | Not applicable | year-round, Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| halibut | stow net | 151 | Not applicable | year-round, West Sea/Yellow Sea - Chungnam | common minke whale, finless porpoise, spotted seal | 10, 1486, 1 (2012-16) | P |
| halibut | stow net | 151 | Not applicable | year-round, West Sea - Incheon | common minke whale, finless porpoise | 1, 3112 (2012-16) | P |
| halibut | stow net | 151 | Not applicable | year-round, West Sea - Jeonbuk | common minke whale, finless porpoise, fin whale | 6, 281, 1 (2012-16) | P |
| halibut | stow net | 151 | Not applicable | year-round, West Sea - Jeonnam | Risso's dolphin, common minke whale, finless porpoise | 1, 1, 10 (2012-16) | P |
| halibut | stow net | 151 | Not applicable | year-round, West Sea - unknown province | common minke whale, finless porpoise | 2, 36 (2014-15) | P |
| halibut | stow net | 59 | Not applicable | year-round, South Sea - Jeju | finless porpoise | 8 (2012) | P |
| halibut | stow net | 59 | Not applicable | year-round, South Sea - Jeonnam | common minke whale, finless porpoise | 3, 11 (2012-16) | P |
| tuna (albacore, bigeye, bluefin, yellowfin, bonito) | longline | 96 | Not applicable | year-round, Pacific Ocean | none provided | none provided | A/G |
| tuna (albacore, bigeye, bluefin, yellowfin, bonito) | longline | 8 | Not applicable | Atlantic Ocean | Common dolphin | 9+ | A/G |
| tuna (albacore, bigeye, bluefin, yellowfin, bonito) | longline | 13 | Not applicable | Indian Oceans | none provided | none provided | A/G |
| tuna (albacore, bigeye, bluefin, yellowfin, bonito) | purse seine | 25 | Not applicable | year-round, Pacific Ocean | none provided | none provided | A/G |
| tuna (albacore, bigeye, bluefin, yellowfin, bonito) | purse seine | 5 | Not applicable | year-round, Indian Oceans | none provided | none provided | A/G |
| anchovy | stow net | 151 | Not applicable | year-round, West Sea/Yellow Sea - Chungnam | common minke whale, finless porpoise, spotted seal | 10, 1486, 1 (2012-16) | P |
| anchovy | stow net | 151 | Not applicable | year-round, West Sea - Incheon | common minke whale, finless porpoise | 1, 3112 (2012-16) | P |
| anchovy | stow net | 151 | Not applicable | year-round, West Sea - Jeonbuk | common minke whale, finless porpoise, fin whale | 6, 281, 1 (2012-16) | P |
| anchovy | stow net | 151 | Not applicable | year-round, West Sea - Jeonnam | Risso's dolphin, common minke whale, finless porpoise | 1, 1, 10 (2012-16) | P |
| anchovy | stow net | 151 | Not applicable | year-round, West Sea - unknown province | common minke whale, finless porpoise | 2, 36 (2014-15) | P |
| anchovy | stow net | 59 | Not applicable | year-round, South Sea - Jeju | finless porpoise | 8 (2012) | P |
| anchovy | stow net | 59 | Not applicable | year-round, South Sea - Jeonnam | common minke whale, finless porpoise | 3, 11 (2012-16) | P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| anchovy | trawl | 379 | Not applicable | year-round, South Sea - Busan | finless porpoise | 8 (2013-15) | A/G, P |
| anchovy | trawl | 379 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise, Risso's dolphin | 6, 49, 1 (2012-15) | A/G, P |
| crab | coastal fish pot | 498 | Not applicable | year-round, West Sea - Jeonbuk | common minke whale | 2 (2012) | A/G, P |
| crab | coastal fish pot | 498 | Not applicable | year-round, West Sea - Jeonnam | finless porpoise | 1 (2014) | A/G, P |
| crab | coastal fish pot | 3986 | Not applicable | year-round, South Sea - Busan | common minke whale | 1 (2013) | A/G, P |
| crab | coastal fish pot | 3986 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 4, 3 (2012-14) | A/G, P |
| crab | coastal fish pot | 3986 | Not applicable | year-round, South Sea - Jeju | finless porpoise | 1 (2015) | A/G, P |
| crab | coastal fish pot | 3986 | Not applicable | year-round, South Sea - Jeonnam | common minke whale, finless porpoise | 6, 2 (2015-16) | A/G, P |
| crab | coastal fish pot | 594 | Not applicable | year-round, East Sea - Gangwon | common dolphin, common minke whale | 39, 8 (2012) | A/G, P |
| crab | coastal fish pot | 594 | Not applicable | year-round, East Sea - Gyeongbuk | common dolphin, common minke whale, fin whale, finless whale, killer whale, pacific white-sided dolphin, Risso's dolphin, short-finned pilot whale | 206, 47, 1, 2, 1, 4, 2, 1 (2012-16) | A/G, P |
| crab | coastal fish pot | 594 | Not applicable | year-round, East Sea - Ulsan | common dolphin | 6 (2016) | A/G, P |
| crab | coastal fish pot | 594 | Not applicable | year-round, East Sea - Unknown province | common minke whale, common dolphin, humpback whale, Cuvier's beaked whale | 2, 6 (2016), 18, 2 | A/G, P |
| crab | gillnet | 3791 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| crab | gillnet | 3791 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| crab | gillnet | 3791 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |
| crab | gillnet | 3791 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| crab | gillnet | 3791 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| crab | gillnet | 3791 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| crab | gillnet | 6076 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| crab | gillnet | 6076 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| crab | gillnet | 6076 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| crab | gillnet | 6076 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| crab | gillnet | 6076 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |
| crab | gillnet | 3437 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |
| crab | gillnet | 3437 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |
| crab | gillnet | 3437 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |
| crab | gillnet | 3437 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| crab | gillnet | 3437 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| crab | gillnet | none provided | Not applicable | year-round, Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| pollock | trawl | 3 | Not applicable | year-round, Russia | None provided | none provided | N/I, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Pacific saury | gillnet | 57 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| Pacific saury | gillnet | 57 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| Pacific saury | gillnet | 57 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |
| Pacific saury | gillnet | 57 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| Pacific saury | gillnet | 57 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| Pacific saury | gillnet | 57 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| Pacific saury | gillnet | 314 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| Pacific saury | gillnet | 314 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| Pacific saury | gillnet | 314 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| Pacific saury | gillnet | 314 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| Pacific saury | gillnet | 314 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |
| Pacific saury | gillnet | 58 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |
| Pacific saury | gillnet | 58 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Pacific saury | gillnet | 58 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |
| Pacific saury | gillnet | 58 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| Pacific saury | gillnet | 58 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| Pacific saury | gillnet | none provided | Not applicable | year-round, Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| Mackerel | purse seine | 33 | Not applicable | year-round, West Sea - unspecified | none provided | none provided | A/G, P |
| Mackerel | purse seine | 198 | Not applicable | year-round, South Sea - Gyeongnam | finless porpoise, bottlenose dolphins | 10 (2014), 20 | A/G, P |
| Mackerel | purse seine | 8 | Not applicable | year-round, East Sea - Gyeonbuk | common dolphin, common minke whale | 1 (2015), 6 | A/G, P |
| Mackerel | purse seine | none provided | Not applicable | year-round, East Sea | common minke whale, common dolphin | 6, 322 | A/G, P |
| Octopus | longline | 17 | Not applicable | year-round, West Sea/ Yellow Sea - Jeonnam | spotted seal, bottlenose dolphin, finless porpoise | 1, 1, 1 (2012, 2015) | A/G, P |
| Octopus | longline | 17 | Not applicable | year-round, West Sea Chungnam | common minke whale | 1 (2012) | A/G, P |
| Octopus | longline | 230 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, common dolphin | 1, 1 (2012, 2015) | A/G, P |
| Octopus | longline | 6 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 1, 4 (2012, 2015-16) | A/G, P |
| Octopus | longline | 6 | Not applicable | year-round, East Sea - Gangwon | common dolphin | 1 (2016) | A/G, P |
| Octopus | longline | 6 | Not applicable | year-round, East Sea - Gyeongbuk | common dolphin | 1 (2016) | A/G, P |
| Octopus | longline | 6 | Not applicable | year-round, East Sea - Unknown province | Risso's dolphin | 58 | A/G, P |
| small octopus | longline | 4022 | Not applicable | year-round, West Sea/ Yellow Sea - Jeonnam | spotted seal, bottlenose dolphin, finless porpoise | 1, 1, 1 (2012, 2015) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| small octopus | longline | 4022 | Not applicable | year-round, West Sea Chungnam | common minke whale | 1 (2012) | A/G, P |
| small octopus | longline | 14501 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, common dolphin | 1, 1 (2012, 2015) | A/G, P |
| small octopus | longline | 1555 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 1, 4 (2012, 2015-16) | A/G, P |
| small octopus | longline | 1555 | Not applicable | year-round, East Sea - Gangwon | common dolphin | 1 (2016) | A/G, P |
| small octopus | longline | 1555 | Not applicable | year-round, East Sea - Gyeongbuk | common dolphin | 1 (2016) | A/G, P |
| small octopus | longline | 6 | Not applicable | year-round, East Sea - Unknown province | Risso's dolphin | 58 | A/G, P |
| small octopus | fish pot | 498 | Not applicable | year-round, West Sea - Jeonbuk | common minke whale | 2 (2012) | A/G, P |
| small octopus | fish pot | 498 | Not applicable | year-round, West Sea - Jeonnam | finless porpoise | 1 (2014) | A/G, P |
| small octopus | fish pot | 3986 | Not applicable | year-round, South Sea - Busan | common minke whale | 1 (2013) | A/G, P |
| small octopus | fish pot | 3986 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 4, 3 (2012-14) | A/G, P |
| small octopus | fish pot | 3986 | Not applicable | year-round, South Sea - Jeju | finless porpoise | 1 (2015) | A/G, P |
| small octopus | fish pot | 3986 | Not applicable | year-round, South Sea - Jeonnam | common minke whale, finless porpoise | 6, 2 (2015-16) | A/G, P |
| small octopus | fish pot | 594 | Not applicable | year-round, East Sea - Gangwon | common dolphin, common minke whale | 39, 8 (2012) | A/G, P |
| small octopus | fish pot | 594 | Not applicable | year-round, East Sea - Gyeongbuk | common dolphin, common minke whale, fin whale, finless whale, killer whale, pacific white-sided dolphin, Risso's dolphin, short-finned pilot whale | 206, 47, 1, 2, 1, 4, 2, 1 (2012-16) | A/G, P |
| small octopus | fish pot | 594 | Not applicable | year-round, East Sea - Ulsan | common dolphin | 6 (2016) | A/G, P |
| small octopus | fish pot | 594 | Not applicable | year-round, East Sea - Unknown province | common minke whale, common dolphin, humpback whale, Cuvier's beaked whale | 2, 6 (2016), 18, 2 | A/G, P |
| shrimp | gillnet | 3848 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| shrimp | gillnet | 3848 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| shrimp | gillnet | 3848 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| shrimp | gillnet | 3848 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| shrimp | gillnet | 3848 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| shrimp | gillnet | 3848 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| shrimp | gillnet | 6390 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| shrimp | gillnet | 6390 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| shrimp | gillnet | 6390 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| shrimp | gillnet | 6390 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| shrimp | gillnet | 6390 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |
| shrimp | gillnet | 3495 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |
| shrimp | gillnet | 3495 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |
| shrimp | gillnet | 3495 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| shrimp | gillnet | 3495 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| shrimp | gillnet | 3495 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| shrimp | gillnet | none provided | Not applicable | year-round, Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| shrimp | stow net | 151 | Not applicable | year-round, West Sea/Yellow Sea - Chungnam | common minke whale, finless porpoise, spotted seal | 10, 1486, 1 (2012-16) | P |
| shrimp | stow net | 151 | Not applicable | year-round, West Sea - Incheon | common minke whale, finless porpoise | 1, 3112 (2012-16) | P |
| shrimp | stow net | 151 | Not applicable | year-round, West Sea - Jeonbuk | common minke whale, finless porpoise, fin whale | 6, 281, 1 (2012-16) | P |
| shrimp | stow net | 151 | Not applicable | year-round, West Sea - Jeonnam | Risso's dolphin, common minke whale, finless porpoise | 1, 1, 10 (2012-16) | P |
| shrimp | stow net | 151 | Not applicable | year-round, West Sea - unknown province | common minke whale, finless porpoise | 2, 36 (2014-15) | P |
| shrimp | stow net | 59 | Not applicable | year-round, South Sea - Jeju | finless porpoise | 8 (2012) | P |
| shrimp | stow net | 59 | Not applicable | year-round, South Sea - Jeonnam | common minke whale, finless porpoise | 3, 11 (2012-16) | P |
| shrimp | traps | no information | Not applicable | year-round, Yellow Sea | Common Minke Whale | 3 | A/G, P |
| hairtail | stow net | 151 | Not applicable | year-round, West Sea/Yellow Sea - Chungnam | common minke whale, finless porpoise, spotted seal | 10, 1486, 1 (2012-16) | P |
| hairtail | stow net | 151 | Not applicable | year-round, West Sea - Incheon | common minke whale, finless porpoise | 1, 3112 (2012-16) | P |
| hairtail | stow net | 151 | Not applicable | year-round, West Sea - Jeonbuk | common minke whale, finless porpoise, fin whale | 6, 281, 1 (2012-16) | P |
| hairtail | stow net | 151 | Not applicable | year-round, West Sea - Jeonnam | Risso's dolphin, common minke whale, finless porpoise | 1, 1, 10 (2012-16) | P |
| hairtail | stow net | 151 | Not applicable | year-round, West Sea - unknown province | common minke whale, finless porpoise | 2, 36 (2014-15) | P |
| hairtail | stow net | 59 | Not applicable | year-round, South Sea - Jeju | finless porpoise | 8 (2012) | P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| hairtail | stow net | 59 | Not applicable | year-round, South Sea - Jeonnam | common minke whale, finless porpoise | 3, 11 (2012-16) | P |
| hairtail | longline | 17 | Not applicable | year-round, West Sea/ Yellow Sea - Jeonnam | spotted seal, bottlenose dolphin, finless porpoise | 1, 1, 1 (2012, 2015) | A/G, P |
| hairtail | longline | 17 | Not applicable | year-round, West Sea Chungnam | common minke whale | 1 (2012) | A/G, P |
| hairtail | longline | 230 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, common dolphin | 1, 1 (2012, 2015) | A/G, P |
| hairtail | longline | 6 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 1, 4 (2012, 2015-16) | A/G, P |
| hairtail | longline | 6 | Not applicable | year-round, East Sea - Gangwon | common dolphin | 1 (2016) | A/G, P |
| hairtail | longline | 6 | Not applicable | year-round, East Sea - Gyeongbuk | common dolphin | 1 (2016) | A/G, P |
| hairtail | longline | 6 | Not applicable | year-round, East Sea - Unknown province | Risso's dolphin | 58 | A/G, P |
| croaker | gillnet | 3791 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| croaker | gillnet | 3791 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| croaker | gillnet | 3791 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |
| croaker | gillnet | 3791 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| croaker | gillnet | 3791 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| croaker | gillnet | 3791 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| croaker | gillnet | 6076 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| croaker | gillnet | 6076 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| croaker | gillnet | 6076 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| croaker | gillnet | 6076 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| croaker | gillnet | 6076 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| croaker | gillnet | 3437 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |
| croaker | gillnet | 3437 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |
| croaker | gillnet | 3437 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |
| croaker | gillnet | 3437 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| croaker | gillnet | 3437 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| croaker | gillnet | none provided | Not applicable | year-round, Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| croaker | stow net | 151 | Not applicable | year-round, West Sea/Yellow Sea - Chungnam | common minke whale, finless porpoise, spotted seal | 10, 1486, 1 (2012-16) | P |
| croaker | stow net | 151 | Not applicable | year-round, West Sea - Incheon | common minke whale, finless porpoise | 1, 3112 (2012-16) | P |
| croaker | stow net | 151 | Not applicable | year-round, West Sea - Jeonbuk | common minke whale, finless porpoise, fin whale | 6, 281, 1 (2012-16) | P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| croaker | stow net | 151 | Not applicable | year-round, West Sea - Jeonnam | Risso's dolphin, common minke whale, finless porpoise | 1, 1, 10 (2012-16) | P |
| croaker | stow net | 151 | Not applicable | year-round, West Sea - unknown province | common minke whale, finless porpoise | 2, 36 (2014-15) | P |
| croaker | stow net | 59 | Not applicable | year-round, South Sea - Jeju | finless porpoise | 8 (2012) | P |
| croaker | stow net | 59 | Not applicable | year-round, South Sea - Jeonnam | common minke whale, finless porpoise | 3, 11 (2012-16) | P |
| filefish | gillnet | 3791 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| filefish | gillnet | 3791 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| filefish | gillnet | 3791 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |
| filefish | gillnet | 3791 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| filefish | gillnet | 3791 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| filefish | gillnet | 3791 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| filefish | gillnet | 6076 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| filefish | gillnet | 6076 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| filefish | gillnet | 6076 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| filefish | gillnet | 6076 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| filefish | gillnet | 6076 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |
| filefish | gillnet | 3437 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| filefish | gillnet | 3437 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |
| filefish | gillnet | 3437 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |
| filefish | gillnet | 3437 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| filefish | gillnet | 3437 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| filefish | gillnet | none provided | Not applicable | year-round, Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| filefish | trawl | 52 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, false killer whale, finless porpoise | 3, 1, 106 (2012-13) | A/G, P |
| filefish | trawl | 52 | Not applicable | year-round, South Sea - Jeonnam | bottlenose dolphin, common dolphin, common minke whale, finless porpoise | 1, 5, 1, 637 (2013-15) | A/G, P |
| filefish | purse seine | 95 | Not applicable | South Sea - Gyeongnam | finless porpoise, bottlenose dolphins | 10 (2014), 20 | A/G, P |
| filefish | purse seine | 43 | Not applicable | East Sea - Gyeonbuk | common dolphin | 1 (2015) | A/G, P |
| conger eel | fish pot | 498 | Not applicable | year-round, West Sea - Jeonbuk | common minke whale | 2 (2012) | P |
| conger eel | fish pot | 498 | Not applicable | year-round, West Sea - Jeonnam | finless porpoise | 1 (2014) | P |
| conger eel | fish pot | 3986 | Not applicable | year-round, South Sea - Busan | common minke whale | 1 (2013) | P |
| conger eel | fish pot | 3986 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 4, 3 (2012-14) | P |
| conger eel | fish pot | 3986 | Not applicable | year-round, South Sea - Jeju | finless porpoise | 1 (2015) | P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| conger eel | fish pot | 3986 | Not applicable | year-round, South Sea - Jeonnam | common minke whale, finless porpoise | 6, 2 (2015-16) | P |
| conger eel | fish pot | 594 | Not applicable | year-round, East Sea - Gangwon | common dolphin, common minke whale | 39, 8 (2012) | P |
| conger eel | fish pot | 594 | Not applicable | year-round, East Sea - Gyeongbuk | common dolphin, common minke whale, fin whale, finless whale, killer whale, pacific white-sided dolphin, Risso's dolphin, short-finned pilot whale | 206, 47, 1, 2, 1, 4, 2, 1 (2012-16) | P |
| conger eel | fish pot | 594 | Not applicable | year-round, East Sea - Ulsan | common dolphin | 6 (2016) | P |
| conger eel | fish pot | 594 | Not applicable | year-round, East Sea - Unknown province | common minke whale, common dolphin, humpback whale, Cuvier's beaked whale | 2, 6 (2016), 18, 2 | P |
| conger eel | longline | 17 | Not applicable | year-round, West Sea/ Yellow Sea - Jeonnam | spotted seal, bottlenose dolphin, finless porpoise | 1, 1, 1 (2012, 2015) | A/G, P |
| conger eel | longline | 17 | Not applicable | year-round, West Sea Chungnam | common minke whale | 1 (2012) | A/G, P |
| conger eel | longline | 230 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, common dolphin | 1, 1 (2012, 2015) | A/G, P |
| conger eel | longline | 6 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 1, 4 (2012, 2015-16) | A/G, P |
| conger eel | longline | 6 | Not applicable | year-round, East Sea - Gangwon | common dolphin | 1 (2016) | A/G, P |
| conger eel | longline | 6 | Not applicable | year-round, East Sea - Gyeongbuk | common dolphin | 1 (2016) | A/G, P |
| conger eel | longline | 6 | Not applicable | year-round, East Sea - Unknown province | Risso's dolphin | 58 | A/G, P |
| conger eel | eel pot | 1 | Not applicable | year-round, West Sea | none provided | none provided | A/G |
| conger eel | eel pot | 117 | Not applicable | year-round, South Sea | none provided | none provided | A/G |
| mussel | aquaculture | 212 | none provided | South Sea | Northern Pacific right whale (Southern Sea) | 1 | P |
| mussel | aquaculture | 139 | none provided | East Sea | north pacific right whale | 1 | P |
| plaice | gillnet | 3791 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| plaice | gillnet | 3791 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| plaice | gillnet | 3791 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| plaice | gillnet | 3791 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| plaice | gillnet | 3791 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| plaice | gillnet | 3791 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| plaice | gillnet | 6076 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| plaice | gillnet | 6076 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| plaice | gillnet | 6076 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| plaice | gillnet | 6076 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| plaice | gillnet | 6076 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |
| plaice | gillnet | 3437 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |
| plaice | gillnet | 3437 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |
| plaice | gillnet | 3437 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| plaice | gillnet | 3437 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| plaice | gillnet | 3437 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| plaice | gillnet | none provided | Not applicable | year-round, Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| plaice | Purse seine | 95 | Not applicable | South Sea - Gyeongnam | finless porpoise, bottlenose dolphins | 10 (2014), 20 | A/G, P |
| plaice | Purse seine | 43 | Not applicable | East Sea - Gyeonbuk | common dolphin | 1 (2015) | A/G, P |
| horse mackerel | Purse seine | 144 | Not applicable | year-round, South Sea - Gyeongnam | finless porpoise | 10 (2014) | A/G, P |
| herring | trawl, bottom | 39 | Not applicable | year-round, East Seas - Gyeonbuk | bottlenose dolphin, common dolphin, common minke whale, Dall's porpoise, finless porpoise, pacific white-sided dolphin | 2, 6, 3, 1, 2, 1 (2012-16) | A/G, P |
| herring | trawl, bottom | 39 | Not applicable | year-round, East Seas - Ulsan | pacific white-sided dolphin | 1 (2016) | A/G, P |
| herring | trawl, bottom | 39 | Not applicable | year-round, East Seas - Unknown province | common dolphin | 1 (2016) | A/G, P |
| herring | Purse seine | 33 | Not applicable | year-round, West Sea - unspecified | none provided | none provided | A/G, P |
| herring | Purse seine | 54 | Not applicable | year-round, South Sea - Gyeongnam | finless porpoise, bottlenose dolphins | 10 (2014), 20 | A/G, P |
| herring | Purse seine | 8 | Not applicable | year-round, East Sea - Gyeonbuk | common dolphin | 1 (2015) 322 | A/G, P |
| herring | pound net | none provided | Not applicable | East Sea | long-beaked common dolphin, Pacific White-Sided Dolphin, Finless Porpoise, Harbor Porpoise, Common Minke Whale, Dall's porpoise | 38, 1, 3, 19, 25, 1, 1 | P |
| gray mullet | gillnet | 3,791 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| gray mullet | gillnet | 3,791 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| gray mullet | gillnet | 3,791 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |
| gray mullet | gillnet | 3,791 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| gray mullet | gillnet | 3,791 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| gray mullet | gillnet | 3,791 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| gray mullet | gillnet | 6076 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| gray mullet | gillnet | 6,076 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| gray mullet | gillnet | 6,076 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| gray mullet | gillnet | 6,076 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| gray mullet | gillnet | 6,076 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |
| gray mullet | gillnet | 3,437 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |
| gray mullet | gillnet | 3,437 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |
| gray mullet | gillnet | 3,437 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| gray mullet | gillnet | 3,437 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| gray mullet | gillnet | 3,437 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| gray mullet | gillnet | none provided | Not applicable | year-round, Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| gray mullet | longline | 4,022 | Not applicable | year-round, West Sea/ Yellow Sea - Jeonnam | spotted seal, bottlenose dolphin, finless porpoise | 1, 1, 1 (2012, 2015) | A/G, P |
| gray mullet | longline | 4,022 | Not applicable | year-round, West Sea Chungnam | common minke whale | 1 (2012) | A/G, P |
| gray mullet | longline | 14,501 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, common dolphin | 1, 1 (2012, 2015) | A/G, P |
| gray mullet | longline | 1,555 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 1, 4 (2012, 2015-16) | A/G, P |
| gray mullet | longline | 1,555 | Not applicable | year-round, East Sea - Gangwon | common dolphin | 1 (2016) | A/G, P |
| gray mullet | longline | 1,555 | Not applicable | year-round, East Sea - Gyeongbuk | common dolphin | 1 (2016) | A/G, P |
| gray mullet | longline | 6 | Not applicable | year-round, East Sea - Unknown province | Risso's dolphin | 58 | A/G, P |
| cuttlefish | stow net | 151 | Not applicable | year-round, West Sea/Yellow Sea - Chungnam | common minke whale, finless porpoise, spotted seal | 10, 1486, 1 (2012-16) | P |
| cuttlefish | stow net | 151 | Not applicable | year-round, West Sea - Incheon | common minke whale, finless porpoise | 1, 3112 (2012-16) | P |
| cuttlefish | stow net | 151 | Not applicable | year-round, West Sea - Jeonbuk | common minke whale, finless porpoise, fin whale | 6, 281, 1 (2012-16) | P |
| cuttlefish | stow net | 151 | Not applicable | year-round, West Sea - Jeonnam | Risso's dolphin, common minke whale, finless porpoise | 1, 1, 10 (2012-16) | P |
| cuttlefish | stow net | 151 | Not applicable | year-round, West Sea - unknown province | common minke whale, finless porpoise | 2, 36 (2014-15) | P |
| cuttlefish | stow net | 59 | Not applicable | year-round, South Sea - Jeju | finless porpoise | 8 (2012) | P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| cuttlefish | stow net | 59 | Not applicable | year-round, South Sea - Jeonnam | common minke whale, finless porpoise | 3, 11 (2012-16) | P |
| cuttlefish | trawl | 64 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, false killer whale, finless porpoise | 3, 1, 106 (2012-13) | A/G, P |
| cuttlefish | trawl | 64 | Not applicable | year-round, South Sea - Jeonnam | bottlenose dolphin, common dolphin, common minke whale, finless porpoise | 1, 5, 1, 637 (2013-15) | A/G, P |
| cuttlefish | gillnet | 57 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| cuttlefish | gillnet | 57 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| cuttlefish | gillnet | 57 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |
| cuttlefish | gillnet | 57 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| cuttlefish | gillnet | 57 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| cuttlefish | gillnet | 57 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| cuttlefish | gillnet | 314 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| cuttlefish | gillnet | 314 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| cuttlefish | gillnet | 314 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| cuttlefish | gillnet | 314 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| cuttlefish | gillnet | 314 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |
| cuttlefish | gillnet | 58 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| cuttlefish | gillnet | 58 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |
| cuttlefish | gillnet | 58 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |
| cuttlefish | gillnet | 58 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| cuttlefish | gillnet | 58 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| cuttlefish | gillnet | none provided | Not applicable | year-round, Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| Japanese Spanish mackerel | trawl | 81 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, false killer whale, finless porpoise | 3, 1, 106 (2012-13) | A/G, P |
| Japanese Spanish mackerel | trawl | 81 | Not applicable | year-round, South Sea - Jeonnam | bottlenose dolphin, common dolphin, common minke whale, finless porpoise | 1, 5, 1, 637 (2013-15) | A/G, P |
| rays | gillnet | 57 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| rays | gillnet | 57 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| rays | gillnet | 57 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |
| rays | gillnet | 57 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| rays | gillnet | 57 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| rays | gillnet | 57 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| rays | gillnet | 314 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| rays | gillnet | 314 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| rays | gillnet | 314 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| rays | gillnet | 314 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| rays | gillnet | 314 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |
| rays | gillnet | 58 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |
| rays | gillnet | 58 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |
| rays | gillnet | 58 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |
| rays | gillnet | 58 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| rays | gillnet | 58 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| rays | gillnet | none provided | Not applicable | year-round, Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| rays | trawl | 8 | Not applicable | year-round, Atlantic Ocean | none provided | none provided | A/G, N/I |
| rays | longline | 2 | Not applicable | year-round, Russia | none provided | none provided | A/G, N/I |
| sole | gillnet | 3791 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| sole | gillnet | 3791 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| sole | gillnet | 3791 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |
| sole | gillnet | 3791 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| sole | gillnet | 3791 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| sole | gillnet | 3791 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| sole | gillnet | 6076 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| sole | gillnet | 6076 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| sole | gillnet | 6076 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| sole | gillnet | 6076 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| sole | gillnet | 6076 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |
| sole | gillnet | 3437 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| sole | gillnet | 3437 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |
| sole | gillnet | 3437 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |
| sole | gillnet | 3437 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| sole | gillnet | 3437 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| sole | gillnet | none provided | Not applicable | year-round, Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| sole | trawl | 64 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, false killer whale, finless porpoise | 3, 1, 106 (2012-13) | A/G, P |
| sole | trawl | 64 | Not applicable | year-round, South Sea - Jeonnam | bottlenose dolphin, common dolphin, common minke whale, finless porpoise | 1, 5, 1, 637 (2013-15) | A/G, P |
| cod | set net | 7 | Not applicable | year-round, West Sea/Yellow Sea - Jeonbok | spotted seal | 1 (2015) | P |
| cod | set net | 7 | Not applicable | year-round, West Sea - Jeonnam | common minke whale | 1 (2014) | P |
| cod | set net | 521 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 7, 10 (2012-15) | P |
| cod | set net | 521 | Not applicable | year-round, South Sea - Jeonnam | common minke whale | 13 (2015-16) | P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| cod | set net | 17 | Not applicable | year-round, East Sea - Gangwon | common dolphin, common minke whale, finless porpoise, harbor porpoise, pacific white-sided dolphin, Risso's dolphin | 256, 58, 2, 6, 5, 1 (2012-14) | P |
| cod | set net | 17 | Not applicable | year-round, East Sea - Gyeongbuk | common dolphin, common minke whale, Dall's porpoise, finless porpoise, harbor porpoise, pacific white-sided dolphin, spotted seal | 349, 74, 1, 4, 10, 53, 9, 3 (2012-16) | P |
| cod | set net | 17 | Not applicable | year-round, East Sea - Ulsan | northern fur seal | 1 (2015) | P |
| cod | set net | 17 | Not applicable | year-round, East Sea - Unknown province | northern fur seal, spotted seal, bottlenose dolphin | 1, 1 (2014-15), 20 | P |
| cod | gillnet | 3791 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| cod | gillnet | 3791 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| cod | gillnet | 3791 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |
| cod | gillnet | 3791 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| cod | gillnet | 3791 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| cod | gillnet | 3791 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| cod | gillnet | 6076 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| cod | gillnet | 6076 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| cod | gillnet | 6076 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| cod | gillnet | 6076 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| cod | gillnet | 6076 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| cod | gillnet | 3437 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |
| cod | gillnet | 3437 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |
| cod | gillnet | 3437 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |
| cod | gillnet | 3437 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| cod | gillnet | 3437 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| cod | gillnet | none provided | Not applicable | year-round, Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| cod | longline | 2 | Not applicable | year-round, Russia | none provided | none provided | A/G, N/I |
| yellowtail | gillnet | 3,791 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| yellowtail | gillnet | 3,791 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| yellowtail | gillnet | 3,791 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |
| yellowtail | gillnet | 3,791 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| yellowtail | gillnet | 3,791 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| yellowtail | gillnet | 3,791 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| yellowtail | gillnet | 6076 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| yellowtail | gillnet | 6,076 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| yellowtail | gillnet | 6,076 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| yellowtail | gillnet | 6,076 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| yellowtail | gillnet | 6,076 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |
| yellowtail | gillnet | 3,437 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |
| yellowtail | gillnet | 3,437 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |
| yellowtail | gillnet | 3,437 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| yellowtail | gillnet | 3,437 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| yellowtail | gillnet | 3,437 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| yellowtail | gillnet | none provided | Not applicable | year-round, Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| yellowtail | set net | 21 | Not applicable | year-round, West Sea/Yellow Sea - Jeonbok | spotted seal | 1 (2015) | P |
| yellowtail | set net | 21 | Not applicable | year-round, West Sea - Jeonnam | common minke whale | 1 (2014) | P |
| yellowtail | set net | 294 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 7, 10 (2012-15) | P |
| yellowtail | set net | 294 | Not applicable | year-round, South Sea - Jeonnam | common minke whale | 13 (2015-16) | P |
| yellowtail | set net | 181 | Not applicable | year-round, East Sea - Gangwon | common dolphin, common minke whale, finless porpoise, harbor porpoise, pacific white-sided dolphin, Risso's dolphin | 256, 58, 2, 6, 5, 1 (2012-14) | P |
| yellowtail | set net | 181 | Not applicable | year-round, East Sea - Gyeongbuk | common dolphin, common minke whale, Dall's porpoise, finless porpoise, harbor porpoise, pacific white-sided dolphin, spotted seal | 349, 74, 1, 4, 10, 53, 9, 3 (2012-16) | P |
| yellowtail | set net | 181 | Not applicable | year-round, East Sea - Ulsan | northern fur seal | 1 (2015) | P |
| yellowtail | set net | 181 | Not applicable | year-round, East Sea - Unknown province | northern fur seal, spotted seal, bottlenose dolphin | 1, 1 (2014-15), 20 | P |
| pomfret | trawl | 81 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, false killer whale, finless porpoise | 3, 1, 106 (2012-13) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| pomfret | trawl | 81 | Not applicable | year-round, South Sea - Jeonnam | bottlenose dolphin, common dolphin, common minke whale, finless porpoise | 1, 5, 1, 637 (2013-15) | A/G, P |
| pomfret | stow net | 549 | Not applicable | year-round, West Sea/Yellow Sea - Chungnam | common minke whale, finless porpoise, spotted seal | 10, 1486, 1 (2012-16) | P |
| pomfret | stow net | 549 | Not applicable | year-round, West Sea - Incheon | common minke whale, finless porpoise | 1, 3112 (2012-16) | P |
| pomfret | stow net | 549 | Not applicable | year-round, West Sea - Jeonbuk | common minke whale, finless porpoise, fin whale | 6, 281, 1 (2012-16) | P |
| pomfret | stow net | 549 | Not applicable | year-round, West Sea - Jeonnam | Risso's dolphin, common minke whale, finless porpoise | 1, 1, 10 (2012-16) | P |
| pomfret | stow net | 549 | Not applicable | year-round, West Sea - unknown province | common minke whale, finless porpoise | 2, 36 (2014-15) | P |
| pomfret | stow net | 109 | Not applicable | year-round, South Sea - Jeju | finless porpoise | 8 (2012) | P |
| pomfret | stow net | 109 | Not applicable | year-round, South Sea - Jeonnam | common minke whale, finless porpoise | 3, 11 (2012-16) | P |
| rockfish | cage aquaculture | 95 | none provided | year-round, South Sea | none provided | none provided | N/I |
| rockfish | cage aquaculture | 61 | none provided | East Sea | none provided | none provided | N/I |
| rockfish | longline | none provided | Not applicable | East Sea | Harbor Porpoise, long-beaked common dolphin, Finless Porpoise, Common Minke Whale | 1, 1, 1, 1 | A/G, P |
| rockfish | longline | none provided | Not applicable | South Sea | Harbor Porpoise, long-beaked common dolphin, Finless Porpoise, Common Minke Whale | 1, 1, 1, 1 | A/G, P |
| greenling | longline | none provided | Not applicable | East Sea | Harbor Porpoise, long-beaked common dolphin, Finless Porpoise, Common Minke Whale, Risso's dolphin | 1, 1, 1, 1 | A/G, P |
| greenling | longline | none provided | Not applicable | South Sea | Harbor Porpoise, long-beaked common dolphin, Finless Porpoise, Common Minke Whale | 1, 1, 1, 1, 58 | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| sand lance | stow net | 151 | Not applicable | year-round, West Sea/Yellow Sea - Chungnam | common minke whale, finless porpoise, spotted seal | 10, 1486, 1 (2012-16) | P |
| sand lance | stow net | 151 | Not applicable | year-round, West Sea - Incheon | common minke whale, finless porpoise | 1, 3112 (2012-16) | P |
| sand lance | stow net | 151 | Not applicable | year-round, West Sea - Jeonbuk | common minke whale, finless porpoise, fin whale | 6, 281, 1 (2012-16) | P |
| sand lance | stow net | 151 | Not applicable | year-round, West Sea - Jeonnam | Risso's dolphin, common minke whale, finless porpoise | 1, 1, 10 (2012-16) | P |
| sand lance | stow net | 151 | Not applicable | year-round, West Sea - unknown province | common minke whale, finless porpoise | 2, 36 (2014-15) | P |
| sand lance | stow net | 59 | Not applicable | year-round, South Sea - Jeju | finless porpoise | 8 (2012) | P |
| sand lance | stow net | 59 | Not applicable | year-round, South Sea - Jeonnam | common minke whale, finless porpoise | 3, 11 (2012-16) | P |
| sand lance | gillnet | 57 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| sand lance | gillnet | 57 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| sand lance | gillnet | 57 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |
| sand lance | gillnet | 57 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| sand lance | gillnet | 57 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| sand lance | gillnet | 57 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| sand lance | gillnet | 6076 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| sand lance | gillnet | 314 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| sand lance | gillnet | 314 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| sand lance | gillnet | 314 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| sand lance | gillnet | 314 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| sand lance | gillnet | 58 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |
| sand lance | gillnet | 58 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |
| sand lance | gillnet | 58 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |
| sand lance | gillnet | 58 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| sand lance | gillnet | 58 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| sand lance | gillnet | none provided | Not applicable | Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| skate | longline | 17 | Not applicable | year-round, West Sea/ Yellow Sea - Jeonnam | spotted seal, bottlenose dolphin, finless porpoise | 1, 1, 1 (2012, 2015) | A/G, P |
| skate | longline | 17 | Not applicable | year-round, West Sea Chungnam | common minke whale | 1 (2012) | A/G, P |
| skate | longline | 230 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, common dolphin | 1, 1 (2012, 2015) | A/G, P |
| skate | longline | 6 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 1, 4 (2012, 2015-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| skate | longline | 6 | Not applicable | year-round, East Sea - Gangwon | common dolphin | 1 (2016) | A/G, P |
| skate | longline | 6 | Not applicable | year-round, East Sea - Gyeongbuk | common dolphin | 1 (2016) | A/G, P |
| skate | longline | 6 | Not applicable | year-round, East Sea - Unknown province | Risso's dolphin | 58 | A/G, P |
| bass | gillnet | 3,791 | Not applicable | West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| bass | gillnet | 3,791 | Not applicable | West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |
| bass | gillnet | 3,791 | Not applicable | West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| bass | gillnet | 3,791 | Not applicable | West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| bass | gillnet | 3,791 | Not applicable | West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| bass | gillnet | 6076 | Not applicable | South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| bass | gillnet | 6,076 | Not applicable | South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| bass | gillnet | 6,076 | Not applicable | South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| bass | gillnet | 6,076 | Not applicable | South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| bass | gillnet | 6,076 | Not applicable | South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |
| bass | gillnet | 3,437 | Not applicable | East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |
| bass | gillnet | 3,437 | Not applicable | East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| bass | gillnet | 3,437 | Not applicable | East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |
| bass | gillnet | 3,437 | Not applicable | East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| bass | gillnet | 3,437 | Not applicable | East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| bass | gillnet | none provided | Not applicable | Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| webfoot octopus | trawl | 78 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, bottlenose dolphin | 1, 8 (2014-15) | A/G, P |
| monkfish | gillnet | 3848 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| monkfish | gillnet | 3848 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| monkfish | gillnet | 3848 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |
| monkfish | gillnet | 3848 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| monkfish | gillnet | 3848 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| monkfish | gillnet | 3848 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| monkfish | gillnet | 6390 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| monkfish | gillnet | 6390 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| monkfish | gillnet | 6390 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| monkfish | gillnet | 6390 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| monkfish | gillnet | 6390 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| monkfish | gillnet | 3495 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |
| monkfish | gillnet | 3495 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |
| monkfish | gillnet | 3495 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |
| monkfish | gillnet | 3495 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| monkfish | gillnet | 3495 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| monkfish | gillnet | none provided | Not applicable | Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| monkfish | bream trawl | 545 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, bottlenose dolphin | 1, 8 (2014-15) | A/G, P |
| rock lobster | trawl | 17 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, false killer whale, finless porpoise | 3, 1, 106 (2012-13) | A/G, P |
| rock lobster | trawl | 17 | Not applicable | year-round, South Sea - Jeonnam | bottlenose dolphin, common dolphin, common minke whale, finless porpoise | 1, 5, 1, 637 (2013-15) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| snow crab | gillnet | 3848 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | A/G, P |
| snow crab | gillnet | 3848 | Not applicable | year-round, West Sea - Unknown province | finless porpoise | 1 (2016) | A/G, P |
| snow crab | gillnet | 3848 | Not applicable | year-round, West Sea - Jeonnam | common minke whale, finless porpoise | 5, 8 (2015-16) | A/G, P |
| snow crab | gillnet | 3848 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 140 (2012-15) | A/G, P |
| snow crab | gillnet | 3848 | Not applicable | year-round, West Sea - Gyeonggi | finless porpoise | 1 (2012) | A/G, P |
| snow crab | gillnet | 3848 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 17 (2012) | A/G, P |
| snow crab | gillnet | 6390 | Not applicable | year-round, South Sea - Unknown province | bottlenose dolphin | 20 | A/G, P |
| snow crab | gillnet | 6390 | Not applicable | year-round, South Sea - Jeonnam | finless porpoise, common minke whale | 5, 2 (2012, 2014-15) | A/G, P |
| snow crab | gillnet | 6390 | Not applicable | year-round, South Sea - Jeju | finless porpoise, common minke whale, indo-pacific bottlenose dolphin | 2, 2, 2 (2012-15) | A/G, P |
| snow crab | gillnet | 6390 | Not applicable | year-round, South Sea - Gyeongnam | common minke whale, finless porpoise | 3, 41 (2012-16) | A/G, P |
| snow crab | gillnet | 6390 | Not applicable | year-round, South Sea - Busan | common dolphin, common minke whale, finless porpoise | 1, 1, 12 (2012-16) | A/G, P |
| snow crab | gillnet | 3495 | Not applicable | year-round, East Sea - Unknown province | common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Bryde's whale, Stejneger's beaked whale, Baird's beaked whale, bottlenose dolphin, Risso's dolphin, Dall's porpoise | 18, 1, 2, 1 (2015-16), 1, 1, 1, 20, 58, 3 | A/G, P |
| snow crab | gillnet | 3495 | Not applicable | year-round, East Sea - Ulsan | bottlenose dolphin, common dolphin, common minke whale, finless porpoise, pacific white-sided dolphin, Risso's dolphin | 1, 42, 9, 22, 75, 2 (2012-16) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| snow crab | gillnet | 3495 | Not applicable | year-round, East Sea - Gyeongbuk | common minke whale, pacific white-sided dolphin, bottlenose dolphin, common dolphin, false killer whale, finless porpoise, short-finned pilot whale | 26, 67, 1, 773, 1, 49, 1 (2012-16) | A/G, P |
| snow crab | gillnet | 3495 | Not applicable | year-round, East Sea - Gangwon | common dolphin, harbor porpoise, common minke whale, false killer whale, finless porpoise, humpback whale, killer whale, pacific white-sided dolphin, unidentified | 168, 40, 15, 1, 2, 1, 1, 18, 2 (2012-16) | A/G, P |
| snow crab | gillnet | 3495 | Not applicable | year-round, East Sea - Busan | pacific white-sided dolphin, common dolphin | 6, 1 (2012-13, 2016) | A/G, P |
| snow crab | gillnet | none provided | Not applicable | Unknown Sea and province | spotted seal | 1 (2012) | A/G, P |
| fan mussel | aquaculture (hand collection) | 29 | none provided | South Sea | Northern Pacific right whale (Southern Sea) | 1 | PA |
| **Export Fisheries with No Information** | | | | | | | |
| none provided | driftnet | none provided | Not applicable | West Sea - Chungnam | finless porpoise | 9 (2013-15) | A/G, P |
| none provided | driftnet | none provided | Not applicable | West Sea - Gyeonggi | finless porpoise, common minke whale | 10, 1 (2012-14) | A/G, P |
| none provided | driftnet | none provided | Not applicable | West Sea - Incheon | finless porpoise | 18 (2012-15) | A/G, P |
| none provided | driftnet | none provided | Not applicable | West Sea - Jeonbuk | finless porpoise, common minke whale, pantropical spotted dolphin | 5, 1, 1 (2013-14) | A/G, P |
| none provided | driftnet | none provided | Not applicable | West Sea - Jeonnam | finless porpoise | 5 (2012-15) | A/G, P |
| none provided | driftnet | none provided | Not applicable | West Sea - Seoul | finless porpoise | 1 (2015) | A/G, P |
| none provided | driftnet | none provided | Not applicable | South Sea - Busan | finless porpoise | 8 (2013-15) | A/G, P |
| none provided | driftnet | none provided | Not applicable | South Sea - Gyeongnam | common minke whale, finless porpoise, Risso's dolphin | 6, 49, 1 (2012-15) | A/G, P |
| none provided | driftnet | none provided | Not applicable | South Sea - Jeju | beaked whale, common minke whale, false killer whale, finless porpoise, indo-pacific bottlenose dolphin, rough-toothed dolphin | 1, 1, 2, 13, 5, 1 (2012-16) | A/G, P |
| none provided | driftnet | none provided | Not applicable | South Sea - Jeonnam | common minke whale, finless porpoise | 2, 36 (2012-15) | A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| none provided | driftnet | none provided | Not applicable | South Sea - Unknown province | finless porpoise | 5 (2014-15) | A/G, P |
| none provided | driftnet | none provided | Not applicable | East Sea - Busan | finless porpoise | 2 (2012) | A/G, P |
| none provided | driftnet | none provided | Not applicable | East Sea - Gangwon | beaked whale, common dolphin, common minke whale, false killer whale, fin whale, harbor porpoise, pacific white-sided dolphin, Risso's dolphin, Dall's porpoise | 1, 10, 4, 1, 1, 5, 2, 1 (2012-16), 1 | A/G, P |
| none provided | driftnet | none provided | Not applicable | East Sea - Gyeonbuk | common dolphin, common minke whale, false killer whale, finless porpoise, pacific white-sided dolphin | 100+, 4, 1, 7, 1 (2012-16) | A/G, P |
| none provided | driftnet | none provided | Not applicable | East Sea - Ulsan | finless porpoise | 11 (2012-16) | A/G, P |
| none provided | gillnet | none provided | Not applicable | East Sea - Sea of Japan | killer whale, harbor porpoise, false-killer whale | 30 | A/G, P |
| none provided | poundnet | none provided | Not applicable | East Sea - Sea of Japan | Dall's porpoise, finless porpoise | 1200 | P |
| none provided | traps | none provided | Not applicable | East Sea - Sea of Japan | Risso's dolphin, long-beaked common dolphin | 500 | A/G, P |
| mussel | aquaculture | 8 | none provided | year-round, West Sea | none provided | none provided | N/I |
| loach | aquaculture | 114 | none provided | year-round, West Sea | none provided | none provided | N/I |
| loach | aquaculture | 66 | none provided | year-round, South Sea | none provided | none provided | N/I |
| loach | aquaculture | 18 | none provided | year-round, East Sea | none provided | none provided | N/I |
| gray mullet | aquaculture (standing water) | 61 | none provided | year-round, West Sea | none provided | none provided | N/I |
| gray mullet | aquaculture (standing water) | 89 | none provided | year-round, South Sea | none provided | none provided | N/I |
| gray mullet | aquaculture (standing water) | 71 | none provided | year-round, East Sea | none provided | none provided | N/I |
| yellowtail | misc. coastal gear | 4,022 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 1 (2013) | N/I |
| yellowtail | misc. coastal gear | 4,022 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 20 (2012-13) | N/I |
| yellowtail | misc. coastal gear | 4,022 | Not applicable | year-round, West Sea - Jeonbuk | finless porpoise | 8 (2013) | N/I |
| yellowtail | misc. coastal gear | 14,501 | Not applicable | year-round, South Sea - Busan | finless porpoise | 1 (2012) | N/I |
| yellowtail | misc. coastal gear | 14,501 | Not applicable | year-round, South Sea - Gyeongnam | finless porpoise | 4 (2012-14) | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| yellowtail | misc. coastal gear | 14,501 | Not applicable | year-round, South Sea - Jeju | finless porpoise | 1 (2014) | N/I |
| yellowtail | misc. coastal gear | 14,501 | Not applicable | year-round, South Sea - Jeonnam | indo-pacific bottlenose dolphin | 1 (2015) | N/I |
| yellowtail | misc. coastal gear | 1,555 | Not applicable | year-round, East Sea - Gangwon | common dolphin | 1 (2014) | N/I |
| yellowtail | misc. coastal gear | 1,555 | Not applicable | year-round, East Sea - Gyeongnam | common dolphin | 8 (2012, 2014) | N/I |
| bass | misc. coastal gear | 4,022 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 1 (2013) | N/I |
| bass | misc. coastal gear | 4,022 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 20 (2012-13) | N/I |
| bass | misc. coastal gear | 4,022 | Not applicable | year-round, West Sea - Jeonbuk | finless porpoise | 8 (2013) | N/I |
| bass | misc. coastal gear | 14,501 | Not applicable | year-round, South Sea - Busan | finless porpoise | 1 (2012) | N/I |
| bass | misc. coastal gear | 14,501 | Not applicable | year-round, South Sea - Gyeongnam | finless porpoise | 4 (2012-14) | N/I |
| bass | misc. coastal gear | 14,501 | Not applicable | year-round, South Sea - Jeju | finless porpoise | 1 (2014) | N/I |
| bass | misc. coastal gear | 14,501 | Not applicable | year-round, South Sea - Jeonnam | indo-pacific bottlenose dolphin | 1 (2015) | N/I |
| bass | misc. coastal gear | 1,555 | Not applicable | year-round, East Sea - Gangwon | common dolphin | 1 (2014) | N/I |
| bass | misc. coastal gear | 1,555 | Not applicable | year-round, East Sea - Gyeongnam | common dolphin | 8 (2012, 2014) | N/I |
| bass | gillnet | 3,791 | Not applicable | year-round, West Sea Jeonbuk | finless porpoise | 1 (2015) | N/I |
| webfoot octopus | misc. coastal gear | 4,022 | Not applicable | year-round, West Sea - Chungnam | finless porpoise | 1 (2013) | N/I, P |
| webfoot octopus | misc. coastal gear | 4,022 | Not applicable | year-round, West Sea - Incheon | finless porpoise | 20 (2012-13) | N/I, P |
| webfoot octopus | misc. coastal gear | 4,022 | Not applicable | year-round, West Sea - Jeonbuk | finless porpoise | 8 (2013) | N/I, P |
| webfoot octopus | misc. coastal gear | 14,501 | Not applicable | year-round, South Sea - Busan | finless porpoise | 1 (2012) | N/I, P |
| webfoot octopus | misc. coastal gear | 14,501 | Not applicable | year-round, South Sea - Gyeongnam | finless porpoise | 4 (2012-14) | N/I, P |
| webfoot octopus | misc. coastal gear | 14,501 | Not applicable | year-round, South Sea - Jeju | finless porpoise | 1 (2014) | N/I, P |
| webfoot octopus | misc. coastal gear | 14,501 | Not applicable | year-round, South Sea - Jeonnam | indo-pacific bottlenose dolphin | 1 (2015) | N/I, P |
| webfoot octopus | misc. coastal gear | 1,555 | Not applicable | year-round, East Sea - Gangwon | common dolphin | 1 (2014) | N/I, P |
| webfoot octopus | misc. coastal gear | 1,555 | Not applicable | year-round, East Sea - Gyeongnam | common dolphin | 8 (2012, 2014) | N/I, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| none provided | illegal catch | none provided | none provided | East Sea - Gangwon | common minke whale | 2 (2013-14) | N/I |
| none provided | illegal catch | none provided | none provided | East Sea - Gyeongbuk | common minke whale, fin whale | 14, 1 (2012-16) | N/I |
| none provided | illegal catch | none provided | none provided | East Sea - Ulsan | common minke whale | 4 (2015) | N/I |
| none provided | illegal catch | none provided | none provided | East Sea - Unknown province | common minke whale | 4 (2014-15) | N/I |
| none provided | illegal catch | none provided | none provided | West Sea - Jeonbuk | common minke whale | 1 (2014) | N/I |
| none provided | illegal catch | none provided | none provided | Unknown area | common minke whale, common dolphin | 4, 1 (2012-13, 2015) | N/I |
| none provided | other | none provided | none provided | East Sea - Gyeongbuk | common dolphin | 1 (2016) | N/I |
| none provided | strand | none provided | none provided | East Sea - Busan | finless porpoise | 5 (2012) | N/I |
| none provided | strand | none provided | none provided | East Sea - Gangwon | pacific white-sided dolphin, baird's beaked whale, common dolphin, common minke whale, northern fur seal, spotted dolphin | 2, 1, 3, 1, 1, 7 (2012) | N/I |
| none provided | strand | none provided | none provided | East Sea - Gyeongbuk | common dolphin, common minke whale, finless porpoise, spotted seal | 6, 3, 7, 2 (2012) | N/I |
| none provided | strand | none provided | none provided | East Sea - Ulsan | common dolphin, finless porpoise, pacific white-sided dolphin, unidentified cetacean | 2, 11, 1, 1 (2012-13) | N/I |
| none provided | strand | none provided | none provided | South Sea - Busan | indo-pacific bottlenose dolphin, dwarf sperm whale, finless porpoise, unidentified cetacean | 1, 1, 4, 1 (2013) | N/I |
| none provided | strand | none provided | none provided | South Sea - Gyeongnam | common minke whale, finless porpoise, ginko-toothed beaked whale, indo-pacific bottlenose dolphin, pantropical spotted dolphin, unidentified cetacean | 1, 57, 2, 4, 1, 1 (2013-14) | N/I |
| none provided | strand | none provided | none provided | South Sea - Jeju | common minke whale, finless porpoise, Fraser's dolphin, indo-pacific bottlenose dolphin, Risso's dolphin, unidentified cetacean | 1, 83, 1, 5, 1, 3 (2014-15) | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| none provided | strand | none provided | none provided | South Sea - Jeonnam | finless porpoise, indo-pacific bottlenose dolphin, false killer whale, Steller sea lion | 34, 1, 1, 1 (2015) | N/I |
| none provided | strand | none provided | none provided | West Sea - Chungnam | common minke whale, striped dolphin, finless porpoise | 1, 1, 3 (2015-16) | N/I |
| none provided | strand | none provided | none provided | West Sea - Gyeonggi | finless porpoise | 5 (2014-16) | N/I |
| none provided | strand | none provided | none provided | West Sea/ Yellow Sea - Incheon | common minke whale, finless porpoise, spotted seal | 1, 10, 2 (2013-16) | N/I |
| none provided | strand | none provided | none provided | West Sea - Jeonbuk | pantropical spotted dolphin, finless porpoise | 1, 2 (2015-16) | N/I |
| none provided | strand | none provided | none provided | West Sea - Jeonnam | common dolphin, finless porpoise | 1, 11 (2012-16) | N/I |
| none provided | strand | none provided | none provided | West Sea - Seoul | finless porpoise | 2 (2012, 2016) | N/I |
| none provided | strand | none provided | none provided | West Sea - Unknown province | finless porpoise | 1 (2014) | N/I |
| none provided | unknown | none provided | none provided | East Sea - Gangwon | finless porpoise | 4 (2012) | N/I |
| none provided | unknown | none provided | none provided | East Sea - Gyeongbuk | finless porpoise | 4 (2012) | N/I |
| none provided | unknown | none provided | none provided | East Sea - Ulsan | finless porpoise | 1 (2012) | N/I |
| none provided | unknown | none provided | none provided | South Sea - Busan | finless porpoise | 1 (2012) | N/I |
| none provided | unknown | none provided | none provided | South Sea - Gyeongnam | finless porpoise | 3 (2012) | N/I |
| none provided | unknown | none provided | none provided | South Sea - Jeju | finless porpoise | 1 (2013) | N/I |
| none provided | unknown | none provided | none provided | South Sea - Jeonnam | finless porpoise | 9 (2013) | N/I |
| none provided | unknown | none provided | none provided | West Sea - Chungnam | finless porpoise | 85 (2013) | N/I |
| none provided | unknown | none provided | none provided | West Sea - Gyeonggi | finless porpoise | 1 (2013) | N/I |
| none provided | unknown | none provided | none provided | West Sea - Incheon | common dolphin, common minke whale, finless porpoise | 5, 3, 610 (2013-15) | N/I |
| none provided | unknown | none provided | none provided | West Sea - Jeonbuk | finless porpoise | 9 (2015) | N/I |
| none provided | unknown | none provided | none provided | West Sea - Unknown province | pacific white-sided dolphin, spotted seal | 2, 1 (2014-16) | N/I |
| capelin/smelt | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| Greenland turbot | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| cusk | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| haddock | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| hake | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sardine | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| shad | none provided | none provided | none provided | none provided | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Spain** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| clams | Aquaculture | none provided | none provided | year-round, seashore, Mediterranean and Black Sea (FAO 37) | None documented | None documented | A/G |
| clams | Aquaculture | none provided | none provided | year-round, seashore, Northeast Atlantic (FAO 27) | None documented | None documented | A/G |
| **Export Fisheries** | | | | | | | |
| toothfish | longline | 2 | not applicable | South Georgia Island (CCAMLR Subarea 48.3) | None documented | None documented | C/O, A/G |
| toothfish | longline | 1* | not applicable | East Antarctica (CCAMLR Subarea 58.4.1) | None documented | None documented | C/O, A/G |
| toothfish | longline | 1 | not applicable | (CCAMLR Subarea 58.4.3a) | None documented | None documented | C/O, A/G |
| toothfish | longline | 1* | not applicable | (CCAMLR Subarea 58.4.3b) | None documented | None documented | C/O, A/G |
| toothfish | longline | 2* | not applicable | (CCAMLR Subarea 88.1) | None documented | None documented | C/O, A/G |
| toothfish | longline | 1 | not applicable | (CCAMLR Subarea 88.2) | None documented | None documented | C/O, A/G |
| swordfish, shark, dolphinfish | longline | 196 | not applicable | year-round, Mediterranean and Black Sea (FAO 37) | Risso's dolphin, unidentified beaked whale | few | C/O, A/G, P |
| swordfish, shark, dolphinfish | longline | 196 | not applicable | year-round, Northeast Atlantic (FAO 27) | humpback whale, pygmy sperm whale | 1, 1 | C/O, A/G, P |
| swordfish, shark, dolphinfish | longline | 196 | not applicable | year-round, Eastern Central Atlantic (FAO 34) | marine mammal interactions indicated, species not provided | None documented | C/O, A/G |
| swordfish, shark, dolphinfish | longline | 196 | not applicable | year-round, Southeast Atlantic (FAO 47) | marine mammal interactions indicated, species not provided | None documented | C/O, A/G |
| swordfish, shark, dolphinfish | longline | 196 | not applicable | year-round, Southwest Atlantic (FAO 41) | marine mammal interactions indicated, species not provided | None documented | C/O, A/G |
| swordfish, shark, dolphinfish | longline | 196 | not applicable | year-round, Western Indian Ocean (FAO 51) | marine mammal interactions indicated, species not provided | None documented | C/O, A/G |
| swordfish, shark, dolphinfish | longline | 196 | not applicable | year-round, Eastern Indian Ocean (FAO 57) | marine mammal interactions indicated, species not provided | None documented | C/O, A/G |
| swordfish, shark, dolphinfish | longline | 196 | not applicable | year-round, Western Central Pacific (FAO 71) | marine mammal interactions indicated, species not provided | None documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| swordfish, shark, dolphinfish | longline | 196 | not applicable | year-round, Southwest Pacific (FAO 81) | marine mammal interactions indicated, species not provided | None documented | C/O, A/G |
| swordfish, shark, dolphinfish | longline | 196 | not applicable | year-round Southeast Pacific (FAO 87) | marine mammal interactions indicated, species not provided | None documented | C/O, A/G |
| swordfish, shark, dolphinfish | longline | 196 | not applicable | year-round Eastern Central Pacific (FAO 77) | marine mammal interactions indicated, species not provided | None documented | C/O, A/G |
| tuna (yellowfin, bigeye, skipjack) | purse seine | 27 | not applicable | year-round, Mediterranean and Black Sea (FAO 37) | bottlenose dolphin, striped dolphin | Little interactions, few hundred striped dolphin (1994) | P, A/G |
| tuna (yellowfin, bigeye, skipjack), swordfish, dolphinfish | longline | none provided | not applicable | Mediterranean and Black Sea (FAO 37) | bottlenose dolphin, Risso's dolphin, unidentified beaked whale | Little interactions | P, A/G |
| tuna (yellowfin, bigeye, skipjack) | purse seine | 27 | not applicable | year-round, Northeast Atlantic (FAO 27) | bottlenose dolphin | Little interactions | P, A/G |
| tuna (yellowfin, bigeye, skipjack), swordfish, dolphinfish | longline | none provided | not applicable | Northeast Atlantic (FAO 27) | bottlenose dolphin | none provided | P, A/G |
| tuna (yellowfin, bigeye, skipjack) | purse seine | 27 | not applicable | year-round, Eastern Central Atlantic (FAO 34) | marine mammal interactions indicated, species not provided | Little interactions | P, A/G |
| tuna (yellowfin, bigeye, skipjack) | purse seine | 27 | not applicable | year-round, Southeast Atlantic (FAO 47) | marine mammal interactions indicated, species not provided | Little interactions | P, A/G |
| tuna (yellowfin, bigeye, skipjack) | purse seine | 27 | not applicable | year-round, Southwest Atlantic (FAO 41) | marine mammal interactions indicated, species not provided | Little interactions | P, A/G |
| tuna (yellowfin, bigeye, skipjack) | purse seine | 27 | not applicable | year-round, Western Indian Ocean (FAO 51) | marine mammal interactions indicated, species not provided | Little interactions | P, A/G |
| tuna (yellowfin, bigeye, skipjack) | purse seine | 27 | not applicable | year-round, Eastern Indian Ocean (FAO 57) | marine mammal interactions indicated, species not provided | Little interactions | P, A/G |
| tuna (yellowfin, bigeye, skipjack) | longline | none provided | not applicable | Eastern and Western Indian Ocean | none provided | none provided | A/G |
| tuna (yellowfin, bigeye, skipjack) | purse seine | 27 | not applicable | year-round, Western Central Pacific (FAO 71) | marine mammal interactions indicated, species not provided | Little interactions | P, A/G |
| tuna (yellowfin, bigeye, skipjack), swordfish, dolphinfish | longline | none provided | not applicable | Western Central Pacific (FAO 71) | none provided | none provided | A/G |
| tuna (yellowfin, bigeye, skipjack) | purse seine | 27 | not applicable | year-round, Southwest Pacific (FAO 81) | marine mammal interactions indicated, species not provided | Little interactions | P, A/G |
| tuna (yellowfin, bigeye, skipjack), swordfish, dolphinfish | longline | none provided | not applicable | Southwest Pacific (FAO 81) | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna (yellowfin, bigeye, skipjack) | purse seine | 27 | not applicable | year-round, Southeast Pacific (FAO 87) | marine mammal interactions indicated, species not provided | Little interactions | P, A/G |
| tuna (yellowfin, bigeye, skipjack), swordfish, dolphinfish | longline | none provided | not applicable | Southeast Pacific (FAO 87) | none provided | none provided | A/G |
| tuna (yellowfin, bigeye, skipjack) | purse seine | 27 | not applicable | year-round, Eastern Central Pacific (FAO 77) | marine mammal interactions indicated, species not provided | Little interactions | P, A/G |
| tuna (yellowfin, bigeye, skipjack), swordfish, dolphinfish | longline | none provided | not applicable | Eastern Central Pacific (FAO 77) | none provided | none provided | A/G |
| tuna (yellowfin, bigeye, skipjack) | purse seine | 4.0 | not applicable | year-round, Eastern Tropical Pacific Ocean, Inter-American Tropical Tuna Commission Convention Area | marine mammal interactions indicated, species not provided | Little interactions | P, A/G |
| tuna (yellowfin, bigeye, skipjack), swordfish, dolphinfish | longline | 127.0 | not applicable | Eastern Tropical Pacific Ocean, Inter-American Tropical Tuna Commission Convention Area | none provided | none provided | A/G |
| octopus/cuttlefish | trawl | 14 | not applicable | year-round, Eastern Central Atlantic (FAO 34) | marine mammal interactions indicated, species not provided | None documented | C/O, A/G |
| shrimps | trawl | 12 | not applicable | year-round, Eastern Central Atlantic (FAO 34) | marine mammal interactions indicated, species not provided | None documented | C/O, A/G |
| cod | trawl | 4 | not applicable | year-round, Barents Sea (ICES 27.1) | marine mammal interactions indicated, species not provided | None documented | C/O, A/G |
| cod | trawl | 4 | not applicable | Norwegian Sea, Spitzbergen, and Bear Island (ICES 27.2) | common dolphin | 2 | C/O, A/G, P |
| Greenland halibut, cod, sole | trawl | 12 | not applicable | year-round, Northwest Atlantic (FAO 21) | pilot whale, Atlantic white-sided dolphin | 1, few | C/O, A/G, P |
| hake, Northern shortfin squid | trawl | 23 | not applicable | year-round, Southwest Atlantic (FAO 41) | marine mammal interactions indicated, species not provided | None documented | C/O, A/G |
| none provided | gillnet | none provided | not applicable | Bay of Biscay (ICES area VIIIa and b) | common dolphin, harbor porpoise, Risso's dolphin | 8, 1+ | C/O, A/G, P |
| none provided | gillnet | none provided | not applicable | Atlantic Ocean - Alboran Sea (FAO 37) | common dolphin, long-finned pilot whale, sperm whale, Risso's dolphin | 1, 1 | C/O, A/G, P |
| none provided | gillnet | none provided | not applicable | Atlantic Ocean - North Sea | common dolphin, minke whale, Risso's dolphin | 2, 2 | C/O, A/G, P |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Export Fisheries with No Information** | | | | | | | |
| gilthead bream | Aquaculture | none provided | none provided | year-round, Mediterranean and Black Sea (FAO 37) | marine mammal interactions indicated, species not provided | None documented | N/I |
| bass | Aquaculture | none provided | none provided | year-round, Mediterranean and Black Sea (FAO 37) | marine mammal interactions indicated, species not provided | None documented | N/I |
| turbot | Aquaculture | none provided | none provided | year-round, Northeast Atlantic (FAO 27) | marine mammal interactions indicated, species not provided | None documented | N/I |
| mussels | Aquaculture | none provided | none provided | year-round, Mediterranean and Black Sea (FAO 37) | marine mammal interactions indicated, species not provided | None documented | N/I |
| mussels | Aquaculture | none provided | none provided | year-round, Northeast Atlantic (FAO 27) | marine mammal interactions indicated, species not provided | None documented | N/I |
| bluefin tuna | Aquaculture | none provided | none provided | year-round, Mediterranean and Black Sea (FAO 37) | marine mammal interactions indicated, species not provided | None documented | N/I |
| oyster | Aquaculture | none provided | none provided | year-round, seashore, Mediterranean and Black Sea (FAO 37) | None documented | None documented | N/I |
| oyster | Aquaculture | none provided | none provided | year-round, seashore, Northeast Atlantic (FAO 27) | None documented | None documented | N/I |
| anchovy, sardines | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| bonito | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| caviar | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| Lobster | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| scallops | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sea cucumbers | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sea urchin | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| | | | | | | | |
| | | | | **Sri Lanka** | | | |
| **Exempt Fisheries** | | | | | | | |
| tuna (yellowfin tuna, bigeye tuna, swordfish, dolphinfish) | handline | subset of 2539 (small boats <10.3m) | Not applicable | EEZ | None provided | None provided | A/G |
| Lobster | diving | 273 people - subset of 30,000 (coastal water craft, including traditional crafts) | Not applicable | Continental shelf | None provided | None provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Squid | scoop net | subset of 30,000 (coastal water craft, including traditional crafts) | Not applicable | Continental shelf | None provided | None provided | A/G |
| Squid | jig | subset of 30,000 (coastal water craft, including traditional crafts) | Not applicable | Continental shelf | None provided | None provided | A/G |
| sea cucumber | diving | subset of 30,000 (coastal water craft, including traditional crafts) | Not applicable | Continental shelf | None provided | None provided | A/G |
| shrimp | aquaculture | not applicable | none provided | | None provided | None provided | N/I, A/G |
| **Export Fisheries** | | | | | | | |
| tuna (yellowfin tuna, bigeye tuna, swordfish, dolphinfish) | Longline | subset of 2539 (small boats <10.3m), subset of 874 (vessels 10.3-15m), 7 (vessels 15-24m) | Not applicable | EEZ | None provided | 4 | A/G, N/I |
| tuna (yellowfin tuna, bigeye tuna, swordfish, dolphinfish) | Gillnet | subset of 2539 (small boats <10.3m) and subset of 874 (vessels 10.3-15m) | Not applicable | EEZ | Spinner dolphin, Spotted dolphin, striped dolphin, Risso's dolphin, bottlenose dolphin and others | 29 reported by Sri Lanka, 8,000 -13,000 report in the literature | A/G |
| tuna (yellowfin tuna, bigeye tuna, swordfish, dolphinfish) | Ring net | subset of 2539 (small boats <10.3m) | Not applicable | EEZ | None provided | None provided | N/I |
| tuna (yellowfin tuna, bigeye tuna, swordfish, dolphinfish) | toll | subset of 2539 (small boats <10.3m) | Not applicable | EEZ | None provided | None provided | N/I |
| tuna (yellowfin tuna, bigeye tuna, swordfish, dolphinfish) | longline | subset of 1558 (vessels 10.3-15m) and 19 (vessels 15-24 and > 24m) | Not applicable | High seas | | 4 | A/G, N/I |
| tuna (yellowfin tuna, bigeye tuna, swordfish, dolphinfish) | gillnet | subset of 1558 (vessels 10.3-15m) | Not applicable | High seas | Spinner dolphin, Spotted dolphin, striped dolphin, Risso's dolphin, bottlenose dolphin and others | 29 reported by Sri Lanka, 8,000 -13,000 report in the literature | A/G |
| Groundfish | gillnet, bottom | subset of 30,000 (coastal water craft, including traditional crafts) | Not applicable | Continental shelf | None provided | None provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| other marine fish | gillnet | subset of 30,000 (coastal water craft, including traditional crafts) | Not applicable | Continental shelf | None provided | None provided | A/G |
| Grouper and Snapper | gillnet, bottom | subset of 30,000 (coastal water craft, including traditional crafts) | Not applicable | Continental shelf | None provided | None provided | A/G |
| Anchovy | gillnet | subset of 30,000 (coastal water craft, including traditional crafts) | Not applicable | Continental shelf | None provided | None provided | A/G |
| crabs | gillnet, bottom | subset of 30,000 (coastal water craft, including traditional crafts) | Not applicable | Continental shelf | None provided | None provided | A/G |
| crabs | traps | subset of 30,000 (coastal water craft, including traditional crafts) | Not applicable | Continental shelf | None provided | None provided | A/G |
| other marine fish | longline | subset of 30,000 (coastal water craft, including traditional crafts) | Not applicable | Continental shelf | None provided | None provided | N/I |
| other marine fish | ring net | subset of 30,000 (coastal water craft, including traditional crafts) | Not applicable | Continental shelf | None provided | None provided | N/I |
| Grouper and Snapper | longline, bottom | subset of 30,000 (coastal water craft, including traditional crafts) | Not applicable | Continental shelf | None provided | None provided | N/I |
| shrimp | net | subset of 30,000 (coastal water craft, including traditional crafts) | Not applicable | Continental shelf | None provided | None provided | N/I |
| **Saint Helena** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| toothfish(Antarctic) | longline, bottom | 2 | Not applicable | Subarea 88.1 | none documented | none documented | |
| toothfish(Antarctic) | longline, bottom | 2 | Not applicable | Subarea 88.2 | none documented | none documented | |
| toothfish (Patagonian) | longline, bottom | 2 | Not applicable | Subarea 48.3 (South Georgia Is.) | none documented | none documented | |
| toothfish (Patagonian) | longline, bottom | 2 | Not applicable | Subarea 48.4 (South Sandwich Is.) | none documented | none documented | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Export Fisheries with No Information** | | | | | | | |
| rock lobster | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| [redacted] | | | | | | | |
| **Saint Kitts Nevis** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| conch (Queen - Strombus gigas) | dive (free, SCUBA) | no. of divers in 2013: 1180 | Not applicable | EEZ: Mags Head North, Nags Head, Booby High Shoals, Doughnut, Shoals Deep White Hole, Hot Springs, Cafeteria, Devils Caves | none provided | none provided | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| shellfish (molluscs, oysters) | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| [redacted] | | | | | | | |
| **Saint Lucia** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| conch | diving | none provided | none provided | EEZ - nearshore | none provided | none provided | A/G |
| Lobster, rock | hand hauled fish traps/fish pots | none provided | none provided | reef and shelf EEZ areas | none provided | none provided | A/G |
| Lobster, rock | diving (free) | none provided | none provided | reef and shelf EEZ areas | none provided | none provided | A/G |
| seaweed (Gracilaria spp.) | aquaculture (raft - unclear if still in use) | not applicable | primarily supported by Department of Fisheries and non-profit CANARI | coastal | none provided | none provided | A/G |
| seaweed (Gracilaria spp.) | aquaculture (longline) | not applicable | primarily supported by Department of Fisheries and non-profit CANARI | coastal | none provided | none provided | A/G |
| seaweed (Gracilaria spp.) | diving/hand collected | none provided | not applicable | coastal | none provided | none provided | A/G |
| [redacted] | | | | | | | |
| **Saint Pierre Miquelon** | | | | | | | |
| **Export Fisheries** | | | | | | | |
| snow crab | pots/traps | none provided | not applicable | North Atlantic Fisheries Organization Convention Area | none provided | none provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| flatfish, halibut, sole, turbot | longline | none provided | not applicable | North Atlantic Fisheries Organization Convention Area 3Ps | none provided | none provided | A/G, N/I |
| groundfish, cod, haddock | trawl | none provided | not applicable | North Atlantic Fisheries Organization Convention Area 3Ps | none provided | none provided | A/G, N/I |
| tuna | longline | 1* | not applicable | International Convention for the Conservation of Atlantic Tuna convention area | none provided | none provided | A/G, N/I |
| **Saint Vincent Grenadine** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| conch | Diving (free) | approximately 500 fishermen, 160 fishing vessels | not applicable | Caribbean Sea | none provided | none provided | A/G |
| grouper, snapper | longline | none provided | not applicable | Caribbean Sea | none provided | none provided | A/G, N/I |
| grouper | traps | none provided | not applicable | Caribbean Sea | none provided | none provided | A/G |
| snapper | handline | none provided | not applicable | Caribbean Sea | none provided | none provided | A/G |
| lobster, rock | Diving (free, SCUBA) | approximately 500 fishermen, 160 fishing vessels | not applicable | Caribbean Sea | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |
| dolphinfish | troll | none provided | not applicable | Caribbean Sea | none provided | none provided | A/G, N/I |
| tuna (bigeye, yellowfin) | Longline | 33 | not applicable | International Convention for the Conservation of Atlantic Tuna convention area | none provided | none provided | A/G |
| Large Pelagics (tuna, bigeye, yellowfin, swordfish, billfish, wahoo, sharks) | troll, deep-slope | none documented | not applicable | Caribbean Sea | none provided | none provided | A/G, N/I |
| Coastal Pelagics (jack, herring, silverside, anchovy, ballyhoo, robin/scad and small tunas) | gillnets | none documented | not applicable | Caribbean Sea | none provided | none provided | A/G, N/I |
| Coastal Pelagics (jack, herring, silverside, anchovy, ballyhoo, robin/scad and small tunas) | seine | none documented | not applicable | Caribbean Sea | none provided | none provided | A/G, N/I |
| **Export Fisheries with No Information** | | | | | | | |
| butterfish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| molluscs | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| mackerel | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| **Suriname** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| grouper, snapper & mackerel | hook & line, handlines | 124 | not applicable | Atlantic, Western Central (FAO AREA 31) | Cetacea | LOW=<10 per year | N/I, A/G |
| **Export Fisheries** | | | | | | | |
| fish, including liver, roe, milt | line | none provided | none provided | Atlantic, Eastern Central (FAO AREA 34) | Cetacea | LOW=<10 per year | N/I, A/G |
| marine fish | trawl, line | none provided | none provided | Atlantic, Eastern Central (FAO AREA 34), Atlantic, Western Central (FAO AREA 31) | Cetacea | LOW=<10 per year | N/I, A/G |
| shrimp & finfish | trawl | 22 | not applicable | Atlantic, Western Central (FAO AREA 31) | tucuxi, Cetacea | LOW=<10 per year | N/I, A/G |
| shrimp | Chinese seine, medium and small mesh | 308 (licenses) | not applicable | Atlantic, Western Central (FAO AREA 31) | Cetacea | LOW=<10 per year | N/I, A/G |
| finfish | Chinese seine, large mesh | 53 (licenses) | not applicable | Atlantic, Western Central (FAO AREA 31) | Cetacea | LOW=<10 per year | N/I, A/G |
| tuna - yellowfin, big eye, dolphinfish | longline, pelagic | 30 | none provided | Atlantic, Western Central (FAO AREA 31) | Cetacea | LOW=<10 per year | N/I, A/G |
| tuna - yellowfin, big eye, dolphinfish | longline, pelagic | 30 | none provided | Atlantic, Eastern Central (FAO AREA 34) | Cetacea | LOW=<10 per year | N/I, A/G |
| shark & tuna | longline and other | 9 licenses (in 2005) | not applicable | Atlantic, Eastern Central (FAO AREA 34) | Cetacea | LOW=<10 per year | N/I, A/G |
| trout, salmonidae | trawl | none provided | none provided | Atlantic, Western Central (FAO AREA 31) | Cetacea | LOW=<10 per year | N/I, A/G |
| cobia, butterfish, seabream, seabass, lingcod | trawl and other | none provided | none provided | Atlantic, Western Central (FAO AREA 31) | Cetacea | LOW=<10 per year | N/I, A/G |
| crab | trawl | none provided | none provided | Atlantic, Western Central (FAO AREA 31) | Cetacea | LOW=<10 per year | N/I, A/G |
| flatfish, flounder | trawl | none provided | none provided | Atlantic, Western Central (FAO AREA 31) | Cetacea | LOW=<10 per year | N/I, A/G |
| catfish | trawl and other | none provided | none provided | Atlantic, Western Central (FAO AREA 31) | Cetacea /Sirenia | LOW=<10 per year | N/I, A/G |
| whitefish, hake, whiting, groundfish | trawl | none provided | none provided | Atlantic, Western Central (FAO AREA 31) | Cetacea | LOW=<10 per year | N/I, A/G |
| shark and catfish | driftnet | none provided | none provided | Atlantic, Western Central (FAO AREA 31) | Cetacea | LOW=<10 per year | N/I, A/G |
| toothfish | trawl | none provided | none provided | Atlantic, Western Central (FAO AREA 31) | Cetacea | LOW=<10 per year | N/I, A/G |
| molluscs | trawl | none provided | none provided | Atlantic, Western Central (FAO AREA 31) | Cetacea | LOW=<10 per year | N/I, A/G |
| sardine, sardinella, brisling, sprat, herring | trawl | 3 | not applicable | Atlantic, Western Central (FAO AREA 31) | Cetacea | LOW=<10 per year | N/I, A/G |
| demersal finfish | gillnet, drift | 395 | none provided | Atlantic, Western Central (FAO AREA 31) | Guiana dolphin, Cetacea | LOW=<10 per year | N/I, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| none provided | longline, demersal | none provided | none provided | Atlantic, Western Central (FAO AREA 31) | Cetacea | LOW=<10 per year | N/I, A/G |
| groundfish and flatfish, wolffish | gillnet, fixed | 8 | none provided | Atlantic, Western Central (FAO AREA 31) | Guiana dolphin, Cetacea /Sirenia | LOW=<10 per year | N/I, A/G |
| | | | | | | | |
| | | | | **Sweden** | | | |
| **Exempt Fisheries** | | | | | | | |
| Atlantic cod | Fishing pots | 31 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Atlantic cod | Handlines and pole lines hand operated | 46 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Haddock | Fishing pots | 5 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G, N/I |
| Haddock | Handlines and pole lines hand operated | 2 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Haddock | Danish seines | 1 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G, N/I |
| Herring | Fishing pots | 5 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G, N/I |
| Herring | Beach seines | 5 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Sprat | Fishing pots | 4 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | N/I, A/G |
| Sprat | Beach seines | 1 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Atlantic cod | Danish seines--SDN | 1 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G, N/I |
| **Export Fisheries** | | | | | | | |
| Atlantic cod | Stationary uncovered pound nets | 16 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Atlantic cod | Fyke nets | 6 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Atlantic cod | gillnet, drift | 5 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 1200 | P, A/G |
| Atlantic cod | gillnet, set | 247 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 1200 | P, A/G |
| Atlantic cod | gillnet trammel | 41 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 1200 | P, A/G |
| Atlantic cod | longline, set | 38 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Atlantic cod | troll | 1 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Atlantic cod | trawl, bottom otter | 126 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Atlantic cod | trawl, bottom otter | 58 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Atlantic cod | trawl, bottom otter | 8 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Atlantic cod | purse seine | 1 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Atlantic cod | Pair trawl bottom | 2 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Atlantic cod | Pair trawl midwater | 4 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| pollock | Gillnet | none provided | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 1200 | P, A/G |
| Haddock | Gillnet drift--GND | 3 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 1200 | P, A/G |
| Haddock | Gillnet set--GNS | 18 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 1200 | P, A/G |
| Haddock | Gillnet trammel--GTR | 9 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 1200 | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Haddock | troll | 1 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Haddock | trawl, bottom otter | 77 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Haddock | trawl, bottom otter | 45 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Haddock | Otter trawl midwater | 2 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Haddock | Pair trawl bottom | 2 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Haddock | Pair trawl midwater | 4 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Herring | Traps (not specified) | 5 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Herring | Stationary uncovered pound nets | 12 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Herring | Stow nets | 13 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | N/I, A/G |
| Herring | Fyke nets | 1 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Herring | gillnet, drift | 2 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 1200 | P, A/G |
| Herring | gillnet, set | 180 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 1200 | P, A/G |
| Herring | gillnet, trammel | 1 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 1200 | P, A/G |
| Herring | trawl, bottom otter | 38 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Herring | trawl, bottom otter | 2 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Herring | trawl, otter midwater | 26 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Herring | purse seine | 13 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Herring | Pair trawl bottom- | 26 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Herring | Pair trawl midwater | 14 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Salmon | Traps (not specified) | 103 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Salmon | Stationary uncovered pound nets | 2 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Salmon | Stow nets | 8 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | N/I, A/G |
| Salmon | gillnet, set | 10 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 1200 | P, A/G |
| Salmon | longline, set | 1 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |
| Salmon | trawl, bottom otter | 5 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Salmon | Pair trawl midwater | 1 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Sprat | gillnet, set | 3 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 1200 | P, A/G |
| Sprat | trawl, bottom otter | 22 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Sprat | trawl, otter midwater | 25 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| Sprat | purse seine | 8 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Sprat | Pair trawl midwater | 13 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | harbor porpoise | 25 | P, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Atlantic cod | Miscellaneous gear | 3 | Not applicable | Northeast Atlantic Ocean (FAO zone 27) | none documented | none documented | N/I |
| caviar | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| Anchovy | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| crabs | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| salmon | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| sardine | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| | | | | | | | |
| **Tanzania** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| coral | hand collection, diving | none provided | not applicable | none provided | none provided | none provided | N/I, A/G |
| prawns (Penaeids species, Penneropenaeus indicus, Penaeus indicus, P. monodon, P. semisucatus, Metapenaeus monoceros) | artisanal fishing (seine nets, baited traps, cast nets, and beach seine) | none documented | not applicable | shore of Indian ocean | none provided | none provided | N/I, A/G |
| seaweed | Aquaculture | not applicable | none provided | coastal EEZ | none provided | none provided | N/I, A/G |
| **Export Fisheries** | | | | | | | |
| dolphinfish (small tuna fishery) | longline | 2 | not applicable | Indian Ocean Tuna Commission Convention Area | none provided | none provided | N/I, A/G |
| octopus | trap, trawl | none provided | not applicable | none provided | none provided | none provided | N/I, A/G |
| prawns (Penaeids species, Penneropenaeus indicus, Penaeus indicus, P. monodon, P. semisucatus, Metapenaeus monoceros) | commercial trawler | 8 to 13 | not applicable | EEZ in Indian ocean | none provided | none provided | N/I, A/G |
| sardines, mackerels (small pelagics) | purse seine (extend scoop) | none provided | not applicable | Coast of Tanga, Dar es Salaam Zanzibar and Mafia areas | none provided | none provided | N/I, A/G |
| shark | gillnet | not applicable | none provided | coastal EEZ | dugongs, small cetaceans, large cetacean | none provided | N/I, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| tuna, albacore, yellowfin, swordfish, sharks, marlin | gillnet | none provided | not applicable | Indian Ocean, Oman Sea | spotted dolphin, long-beaked common dolphin, bottlenose dolphin, Risso's dolphin, humpback whale | 2,493 - 10,230 | P, A/G |
| tuna, albacore, yellowfin, swordfish, sharks, marlin | ring nets | none provided | not applicable | Indian Ocean, Oman Sea | none provided | none provided | A/G |
| tuna, albacore, yellowfin, swordfish, sharks, marlin | troll | none provided | not applicable | Indian Ocean, Oman Sea | none provided | none provided | A/G |
| | | | | **Thailand** | | | |
| **Exempt Fisheries** | | | | | | | |
| Anchovy (including Commerson's) | lift net | 11 | Not applicable | Offshore Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| cardinalfish | Aquaculture | Not applicable | none provided | Coastal areas | none provided | none provided | |
| serrated mud crab | hooks | none provided | Not applicable | Coastal areas Gulf of Thailand/Andaman Sea | none provided | none provided | A/G |
| Meder mangrove crab | hand collection | none provided | Not applicable | Coastal areas Gulf of Thailand/Andaman Sea | none provided | none provided | A/G |
| Meretrix (clam) | dredge | 20 | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| squid (Loligo) | lift net/falling net | 1350 | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I |
| clam | dredge | 67 | Not applicable | Gulf of Thailand | none provided | none provided | A/G |
| Cockle | dredge | 14 | Not applicable | Gulf of Thailand | none provided | none provided | A/G |
| Cockle | Aquaculture | Not applicable | none provided | none provided | none provided | none provided | |
| mussel, green mussel, oyster | hand collection | none provided | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G |
| green mussel, oyster | hand collection (aquaculture) | Not applicable | none provided | none provided | none provided | none provided | A/G |
| "Demersal fishes" | Handline | 24 | Not applicable | Andaman Sea/Gulf of Thailand | none provided | none provided | A/G |
| **Export Fisheries** | | | | | | | |
| Anchovy (including Commerson's) | Purse seine | 237 (target: anchovy and pelagic fishes) | Not applicable | Offshore Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| Anchovy (including Commerson's) | Falling net | 617 (target: anchovy) | Not applicable | Offshore Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| Bonito | surrounding net | 942 (subset, target fishery: Pelagic fishes) | Not applicable | Offshore Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| catfish (including spotted) | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| Eel (Synaphobranchus) | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| Eel (Synaphobranchus) | longline | subset of 72 authorized LL vessels | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| Whitespotted conger | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| Whitespotted conger | longline | subset of 72 authorized LL vessels | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| Flatfish (Greenland halibut, Yellowfin sole, butter sole, sole, ) | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| mackerel (Indian mackerel, Scomber, short-bodied mackerel, Spanish mackerel) | surrounding net | 942 (subset, target fishery: Pelagic fishes) | none provided | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| mackerel (Indian mackerel, Scomber, short-bodied mackerel, Spanish mackerel) | gillnet and entangling nets | subset of 812 vessels authorized for gillnet use | none provided | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| mackerel (Indian mackerel, Scomber, short-bodied mackerel, Spanish mackerel) | barriers/fence | none provided | none provided | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I |
| Greenback mullet | gillnet | subset of 812 vessels authorized for gillnet use | Not applicable | Coastal areas Gulf of Thailand/Andaman Sea | none provided | none provided | A/G |
| white sardine | Purse seine | 237 (target: anchovy and pelagic fishes) | Not applicable | Offshore Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| white sardine | Falling net | none provided | Not applicable | Offshore Gulf of Thailand/Andaman Sea | none provided | none provided | N/I |
| sardine | surrounding net | 942 (subset, target fishery: Pelagic fishes) | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| snapper (Blackspot snapper, Humphead, Red, sailfin, Malabar blood snapper) | trawl nets | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| snapper (Blackspot snapper, Humphead, Red, sailfin, Malabar blood snapper) | pots | 135 (target: demersal fishes) | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| swordfish | longline | subset of 72 authorized LL vessels | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| tuna, longtail, skipjack tuna, albacore, bigeye, yellowfin | surrounding net | 942 (subset, target fishery: Pelagic fishes) | Not applicable | Gulf of Thailand, Andaman Sea/Ocean | none provided | none provided | N/I, A/G |
| tuna, skipjack tuna, albacore, bigeye, yellowfin, marlin, roundscale spearfish | longline | subset of 72 authorized LL vessels | Not applicable | Gulf of Thailand, Andaman Sea/Ocean | none provided | none provided | N/I, A/G |
| Yellowtail scad, Yellowtail fusilier | surrounding net | 942 (subset, target fishery: Pelagic fishes) | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| Yellowtail scad, Yellowtail fusilier | longline | subset of 72 authorized LL vessels | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| Japanese amberjack | trawl | none provided | Not applicable | none provided | none provided | none provided | N/I, A/G |
| Japanese amberjack | surrounding net | 942 (subset, target fishery: Pelagic fishes) | Not applicable | none provided | none provided | none provided | N/I, A/G |
| stingray | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I, A/G |
| stingray | longline | subset of 72 authorized LL vessels | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Fourfinger threadfish | surrounding net | 942 (subset, target fishery: Pelagic fishes) | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Fourfinger threadfish | gillnet | subset of 812 vessels authorized for gillnet use | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Grouper (sixbar grouper, grouper) | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Grouper (sixbar grouper, grouper) | pots | 135 (target: demersal fishes) | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| pomfret (Silver pomfret, black pomfret) | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| pomfret (Silver pomfret, black pomfret) | surrounding net | 942 (subset, target fishery: Pelagic fishes) | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| pomfret unspecified | lift nets | 25 | Not applicable | Gulf of Thailand | none provided | none provided | A/G, N/I |
| Hairtail | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Hairtail | surrounding net | 942 (subset, target fishery: Pelagic fishes) | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Pinjalo | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| purple-spotted bigeye, bigeye scad, bigeye | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Whiting fish | gillnet | subset of 812 vessels authorized for gillnet use | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Bream, Threadfin bream, bream | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Bream, Threadfin bream, bream | pots | 135 (target: demersal fishes) | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| hardtail scad | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| scad, round scad, hardtail scad, roughear scad | surrounding net | 942 (subset, target fishery: Pelagic fishes) | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| wahoo | surrounding net | 942 (subset, target fishery: Pelagic fishes) | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| wahoo | gillnet | subset of 812 vessels authorized for gillnet use | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| parrotfish, Forsten's parrotfish, Eclipse parrotfish | gillnet | subset of 812 vessels authorized for gillnet use | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| parrotfish, Forsten's parrotfish, Eclipse parrotfish | pots | 135 vessels authorized to fish for demersal fishes | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Lizard fish | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Pony fish | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Tongue fishes | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Rabbitfish | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Rabbitfish | pots | 135 vessels authorized to fish for demersal fishes | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Barracuda | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Yellow stripe trevally | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Yellow stripe trevally | surrounding net | 942 (subset, target fishery: Pelagic fishes) | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Goat fish | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| Spotted flathead | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| mahi mahi | surrounding net | 942 (subset, target fishery: Pelagic fishes) | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| serrated mud crab | pots | 384 (likely included in crab pot #) | Not applicable | Coastal areas Gulf of Thailand/Andaman Sea | Irrawaddy dolphin, dugong | <2/yr. | A/G, P |
| crab, Giant king crab, swimming crab, blue swimming crab, red frog crab, lobster, flathead lobster | gillnet | subset of 812 vessels authorized for gillnet use | Not applicable | Coastal areas Gulf of Thailand/Andaman Sea | Irrawaddy dolphin, dugong | <2/yr. | A/G, P |
| crab, swimming crab, blue swimming crab | trawl | none provided | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| crab, swimming crab, blue swimming crab, lobster, flathead | pots | 384 (included with "blue swimming crab"?) | Not applicable | Gulf of Thailand/Andaman Sea | Irrawaddy dolphin, dugong | <2/yr. | A/G, P |
| shrimp and prawn, black tiger shrimp, pink shrimp, Indian white shrimp, banana prawn, red shrimp, jinga shrimp, greasy black shrimp, southern velvet shrimp, red swamp crawfish | trawl | 488 bream trawl vessels | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| shrimp unspecified | gillnet | | Not applicable | Gulf of Thailand/Andaman Sea | Irrawaddy dolphin, dugong | <2/yr. | A/G, P |
| squid (Loligo) | trawl | 3242 vessels authorized to fish for Demersal fishes, squid, shrimp | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| scallop, Yesso scallop, scallop | trawl | none provided | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Blotched melon shell | gillnet | subset of 812 vessels authorized for gillnet use | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | A/G, N/I |
| **Export Fisheries with No Information** | | | | | | | |
| sea bass | Aquaculture | Not applicable | none provided | none provided | none provided | none provided | N/I |
| Grouper (sixbar grouper, grouper) | Aquaculture | Not applicable | none provided | none provided | none provided | none provided | N/I |
| Cobia | none provided | none provided | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I |
| Cobia | Aquaculture | Not applicable | none provided | none provided | none provided | none provided | N/I |
| Hilsa shad | none provided | none provided | Not applicable | none provided | none provided | none provided | N/I |
| krill | krill push nets | 139 | Not applicable | Gulf of Thailand | none provided | none provided | N/I |
| Cuttlefish, soft cuttlefish | squid pots | 154 (with soft cuttlefish?) | Not applicable | Gulf of Thailand/Andaman Sea | none provided | none provided | N/I |
| Giant octopus | octopus pots | 209 | Not applicable | Gulf of Thailand | none provided | none provided | N/I |
| "Pelagic fishes" | "Motor vessel with dynamo" | 1955 | Not applicable | Andaman Sea/Gulf of Thailand | none provided | none provided | N/I |
| **Tonga** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| coral, shells cuttlebone | hand collection, diving | none provided | not applicable | Tonga EEZ | None provided | None documented | A/G |
| Snapper, Rusty jobfish, green jobfish, trevallies, jack, short-tailed red snapper, long-tail snapper, comet grouper, convict grouper, silver snapper | drop line | 3 - 20 vessels | not applicable | Tonga EEZ | None documented | None documented | A/G |
| **Export Fisheries** | | | | | | | |
| Tuna, Yellowfin tuna, Bigeye tuna, Dolphinfish, swordfish | longline | 7 foreign licenses; 4 domestic licenses | not applicable | Tonga EEZ | None provided | None documented | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| clam, molluscs | none provided | none provided | not applicable | Tonga EEZ | None provided | None documented | N/I |
| **Trinidad and Tobago** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| Red Fish; Lane Snapper; Plum-Head Snapper; Salmon; Croaker; Grouper; Pampano | Non-artisanal multi-gear fleet--fish pots | 14 | Not applicable | Territorial Sea--Northeast; Southeast; East Coasts of Trinidad and Moruga. | None documented | None documented | N/I, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Red Fish; Lane Snapper; Plum-Head Snapper; Salmon; Croaker; Grouper; Pampano | artisanal multi-gear fleet--fish pots | 46 | Not applicable | Territorial Sea--Northeast; Southeast; East Coasts of Trinidad and Moruga. | None documented | None documented | N/I, A/G |
| **Export Fisheries** | | | | | | | |
| Tuna, Yellowfin tuna, bigeye tuna, swordfish, dolphinfish | longline | 38 | Not applicable | Western Tropical Atlantic Ocean | None documented | None documented | N/I, A/G |
| Bonito; Kingfish; Caribe | Non-artisanal multi-gear fleet--driftnets | | Not applicable | Territorial Sea--Northeast; Southeast; East Coasts of Trinidad and Moruga. | None documented | None documented | N/I, C/O, A/G |
| Croaker, salmon, weakfish, snapper, groundfish | Artisanal gillnet | 869 | Not applicable | Territorial Sea-- | porpoises Bottlenose dolphin | No information | N/I, C/O, A/G |
| Croaker, salmon, weakfish, snapper, groundfish | Artisanal line including banking, troll/tow, a-la-vive, palangue, switcher | 507 | Not applicable | Territorial Sea | porpoises Bottlenose dolphin | No information | N/I, C/O, A/G |
| shrimp | Non-artisanal double rigged trawler | 29 | Not applicable | Gulf of Paria/South Coast | None documented | None documented | N/I, A/G |
| shrimp | Non-artisanal single stern trawler | 9 | Not applicable | Gulf of Paria | None documented | None documented | N/I, A/G |
| Croaker, salmon, weakfish, snapper, groundfish | Artisanal trawl | 99 | Not applicable | Territorial sea | None documented | None documented | N/I, A/G |
| | | | | | | | |
| **Tunisia** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| coral, sponge, sea cucumber | hand collected | none provided | not applicable | Tunisia EEZ | none provided | none provided | A/G |
| molluscs | aquaculture | none provided | not applicable | Tunisia EEZ | none provided | none provided | N/I |
| swordfish | pole and line | 899 (56 are large scale) | not applicable | Mediterranean Sea | none provided | none provided | A/G |
| lobster | diving | none provided | not applicable | Tunisia EEZ | none provided | none provided | N/I, A/G |
| sea bream, seabass | aquaculture | none provided | not applicable | Governorate of Sousse, Govenorate of Medenine | none provided | none provided | N/I |
| Bluefin tuna | aquaculture/farming | not applicable | TUNISIAN BLUE FINE FARM : TBFF; STÉ TAHAR HAJJI ET CIE; S.VMT; TFT - TUNA FARMS OF TUNISIA | Tunisia EEZ | none provided | none provided | N/I |
| **Export Fisheries** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| octopus/squid/cuttlefish | traps/pots | none provided | not applicable | EEZ | none provided | none provided | A/G |
| sardine/anchovy | purse seine | none provided | not applicable | Tunisia EEZ, Mediterranean Sea | none provided | none provided | N/I, C/O |
| tuna (albacore, bigeye, bluefin, yellowfin) | purse seine | 899 (56 are large scale) | not applicable | Mediterranean Sea | none provided | none provided | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| lobster | pots | none provided | not applicable | Tunisia EEZ | none provided | none provided | N/I, A/G |
| mackerel | none provided | none provided | not applicable | Tunisia EEZ | none provided | none provided | N/I |
| shrimp | none provided | none provided | not applicable | none provided | none provided | none provided | N/I |
| | | | | | | | |
| **Turkey** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| swordfish | harpoon | none provided | not applicable | Mediterranean Sea | none provided | none provided | A/G |
| bonito | hand lines | none provided | not applicable | Black Sea | none provided | none provided | A/G |
| bonito | hand lines | none provided | not applicable | Marmara Sea | none provided | none provided | A/G |
| molluscs (mussels, snails) | dredge | none provided | not applicable | Western Black Sea | none provided | none provided | A/G |
| molluscs | aquaculture | none provided | not applicable | Western Black Sea | none provided | none provided | A/G |
| coral | hand collection | not applicable | not applicable | coastal EEZ | none provided | none provided | A/G |
| sea cucumber | hand collection (diver) | not applicable | not applicable | coastal EEZ | none provided | none provided | A/G |
| sponge | hand collection (diver) | not applicable | not applicable | coastal EEZ | none provided | none provided | A/G |
| tuna, bluefin | aquaculture/farming | 7 farms | AKUA GROUP ORKINOS BESICILIGI PROJESI (2); BASARANLAR SU ÜRÜNLERI YET.SAN.VE TIC.LTD.STI. ; KILIÇ DENIZ ÜRÜNLERI ITH. IHR. A.S. ; TSM DENIZ ÜRÜNLERI SAN. VE TIC. A.S ; SAGUN ORKINOS BESICILIGI PROJESI ; AK-TUNA GEMICILIK BALIKÇILIK TURIZM VE DIS TIC. LTD. STI. | Mediterranean Sea | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| seaweed | aquaculture (lines) | none provided | none provided | coastal EEZ | none provided | none provided | N/I |
| **Export Fisheries** | | | | | | | |
| tuna (bluefin, albacore, swordfish, bigeye) | purse seine | 6824 vessels, 8 of which are large scale | not applicable | Mediterranean Sea | none provided | none provided | A/G |
| swordfish | longline | 150 | not applicable | Mediterranean Sea | none provided | none provided | A/G |
| sardine, anchovy, herring, smelt, mackerel, bonito | purse seine | 232 | not applicable | Black Sea | none provided | none provided | A/G |
| sardine, anchovy, herring, smelt, mackerel, bonito | purse seine | 131 | not applicable | Sea of Marmara | none provided | none provided | A/G |
| sardine, anchovy, herring, smelt, mackerel, bonito | purse seine | 59 | not applicable | Mediterranean Sea | none provided | none provided | A/G |
| bonito | gillnet | none provided | not applicable | Black Sea | none provided | none provided | A/G |
| bonito | gillnet | none provided | not applicable | Marmara Sea | none provided | none provided | A/G |
| bonito | surrounding nets | none provided | not applicable | Black Sea | none provided | none provided | A/G |
| bonito | surrounding nets | none provided | not applicable | Marmara Sea | none provided | none provided | A/G |
| bonito | longline | none provided | not applicable | 15-31 August,Turkey EEZ | none provided | none provided | A/G |
| sea bass | aquaculture | none provided | not applicable | Aegean Sea coast | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | Artisanal gillnet | none provided | not applicable | Black Sea | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | Artisanal trammel net | none provided | not applicable | Black Sea | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, swordfish, snapper | Artisanal longline | none provided | not applicable | Black Sea | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | Artisanal traps | none provided | not applicable | Black Sea | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | Artisanal gillnet | none provided | not applicable | Sea of Marmara | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | Artisanal trammel net | none provided | not applicable | Sea of Marmara | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, swordfish, snapper | Artisanal longline | none provided | not applicable | Sea of Marmara | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | Artisanal traps | none provided | not applicable | Sea of Marmara | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | Artisanal gillnet | none provided | not applicable | Mediterranean Sea | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | Artisanal trammel net | none provided | not applicable | Mediterranean Sea | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, swordfish, snapper | Artisanal longline | none provided | not applicable | Mediterranean Sea | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | Artisanal traps | none provided | not applicable | Mediterranean Sea | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | Artisanal gillnet | none provided | not applicable | Aegean Sea | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | Artisanal trammel net | none provided | not applicable | Aegean Sea | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, swordfish, snapper | Artisanal longline | none provided | not applicable | Aegean Sea | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | Artisanal traps | none provided | not applicable | Aegean Sea | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | trawl | 212 | not applicable | Black Sea | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | trawl | 190 | not applicable | Sea of Marmara | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | trawl | 202 | not applicable | Mediterranean Sea | none provided | none provided | A/G |
| mixed fishery: mullet, whiting, turbot, flatfish, drum, croaker, sole, dab, cuttlefish, octopus, squid, snapper | trawl | 84 | not applicable | Aegean Sea | none provided | none provided | A/G |
| rock lobster, common lobster | trammel nets | 2 | not applicable | 15 April - 15 June, Aegean Sea, possibly other regions | none provided | none provided | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| crab | none provided | none provided | not applicable | coastal EEZ | none provided | none provided | N/I |
| | | | | | | | |
| **Turks and Caicos Islands** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| conch | freediving | 300 | Caicos Pride, Caicos Seafood, Caicos Fisheries, Provo Seafood | Turks Bank & Caicos Bank | none | none | A/G |
| lobster | freediving | 300 | Caicos Pride, Caicos Seafood, Caicos Fisheries, Provo Seafood | Turks Bank & Caicos Bank | none | none | A/G |
| lobster | freediving & trap | 300 | Caicos Pride, Caicos Seafood, Caicos Fisheries, Provo Seafood | Turks Bank & Caicos Bank | none | none | A/G |
| molluscs | freediving | 300 | Caicos Pride, Caicos Seafood, Caicos Fisheries, Provo Seafood | Turks Bank & Caicos Bank | none | none | A/G |
| **Export Fisheries** | | | | | | | |
| tuna, swordfish | longline | 0 | Caicos Pride | Turks and Caicos Islands EEZ | none documented | none documented | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Ukraine** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| mussels | Aquaculture | not applicable | none provided | none provided | no information | no information | A/G |
| caviar | Aquaculture | not applicable | not applicable | none provided | no information | no information | A/G |
| mackerel (horse, chub), halibut, seabream | ring nets lift nets, cast nets | 12-14 | not applicable | EEZ of Guinea (Conokry), Mauritania, Morocco, and Senegal | none provided | none provided | N/I, A/G |
| abalone | Aquaculture | none provided | none provided | none provided | none provided | none provided | N/I |
| rock lobster | Aquaculture | none provided | none provided | none provided | none provided | none provided | N/I |
| seaweed | Aquaculture | none provided | none provided | none provided | none provided | none provided | N/I |
| **Export Fisheries** | | | | | | | |
| krill | trawl, midwater | 1 | not applicable | Subarea 48.1 (Western Antarctic Peninsula) | None documented | None documented | C/O, A/G |
| krill | midwater bream trawl | 1 | not applicable | Subarea 48.1 (Western Antarctic Peninsula) | None documented | None documented | C/O, A/G |
| krill | trawl, midwater | 1 | not applicable | Subarea 48.2 (South Orkney Is.) | None documented | None documented | C/O, A/G |
| krill | midwater bream trawl | 1 | not applicable | Subarea 48.2 (South Orkney Is.) | None documented | None documented | C/O, A/G |
| krill | trawl, midwater | 1 | not applicable | Subarea 48.3 (South Georgia Is.) | None documented | None documented | C/O, A/G |
| krill | midwater bream trawl | 1 | not applicable | Subarea 48.3 (South Georgia Is.) | None documented | None documented | C/O, A/G |
| toothfish | longline | 2 | not applicable | Subarea 88.1 | None documented | None documented | C/O, A/G |
| toothfish | longline | 3 | not applicable | Subarea 88.2 | None documented | None documented | C/O, A/G |
| mackerel (horse, chub), halibut, seabream | Purse seine, trawl, midwaters | 12-14 | not applicable | EEZ of Guinea (Conokry), Mauritania, Morocco, and Senegal | none provided | none provided | N/I, A/G |
| sardine, anchovy | trawl and seine | none provided | not applicable | Black and Azov Seas within the EEZ of Ukraine | none provided | none provided | N/I, A/G |
| squid (Nototodarus spp.), hoki (Macruronus novaezelandieae), snoek (Thyrsites atun), horse mackerel (Trachurus spp.) | trawl and seine | 5 | none provided | EEZ of New Zealand | none provided | none provided | N/I, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| salmon | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| eels | trawl, hand collection, nets | none provided | none provided | none provided | none provided | none provided | N/I |
| halibut | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| clam | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| **United Arab Emirates** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| **Exempt Fisheries** | | | | | | | |
| caviar (Sturgeon) | aquaculture | not applicable | Emirates Aquatech/Yasa | Abu Dhabi | not applicable | not applicable | N/I, A/G |
| tuna, albacore, yellowfin | handline and trolling | none provided | not applicable | Indian Ocean | none provided | none provided | A/G |
| gilthead seabream, pacific salmon, perch, bass | Aquaculture | not applicable | Aquaculture: Al Jaraf Fisheries + Fish Farm | Abu Dhabi + Fujairah | none provided | none provided | N/I, A/G |
| anchovy/sardine | beach seine | 4 | not applicable | Sharajah, EEZ | none provided | none provided | N/I, A/G |
| rock lobster | diving | none provided | Asmak, Royal Fisheries | taken on the East Coast of the country and sold locally | none provided | none provided | N/I, A/G |
| tuna, albacore, yellowfin | hook and line | 700-800 | not applicable | Indian Ocean, East coast | spotted dolphin, long-beaked common dolphin, bottlenose dolphin, Risso's dolphin, humpback whale | 942- 3846 | A/G |
| pearl oysters | Artisinal manual catch | 200 | none provided | Across the country | not applicable | not applicable | A/G |
| snapper | Traps + Hook and line | none provided | not applicable | Across the country | none provided | none provided | A/G |
| shrimp | Aquaculture | not applicable | Aquaculture: Al Jaraf Fisheries | Abu Dhabi | not applicable | not applicable | A/G |
| **Export Fisheries** | | | | | | | |
| Mackerel | net | 2500 | not applicable | EEZ | none provided | none provided | A/G |
| anchovy/sardine | net | 50 | not applicable | Fujairah and RAK | none provided | none provided | A/G |
| rock lobster | not targeted due to small numbers so usually bycatch only | none provided | not applicable | none provided | none provided | none provided | N/I, A/G |
| groundfish (cod, pollock), mackerel | traps | none provided | not applicable | none provided | none provided | none provided | N/I, A/G |
| Mackerel (Spanish), orange-spotted grouper, spangled emperor, painted sweetlips, snapper | purse seine | 4 | not applicable | none provided | none provided | none provided | N/I, A/G |
| tuna, albacore, yellowfin | gillnet | 700-800 | not applicable | Indian Ocean East coast | spotted dolphin, long-beaked common dolphin, bottlenose dolphin, Risso's dolphin, humpback whale | 942- 3846 | P, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| shark/ray | longline | 200 | not applicable | Indian Ocean | spotted dolphin, long-beaked common dolphin, bottlenose dolphin, Risso's dolphin, humpback whale | none provided | N/I, A/G |
| squid, cuttlefish | traps | none provided | not applicable | Across the country | none provided | none provided | N/I, A/G |
| | | | | **United Kingdom** | | | |
| **Exempt Fisheries** | | | | | | | |
| Atlantic cod | Hooks and lines | 305 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | A/G |
| Crab (king, stone, red, green, swimming, spider, other spp) | Dredge | 30 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Crab (king, stone, red, green, swimming, spider, other spp) | Hooks and lines | 246 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | A/G |
| herring | Hooks and lines | 70 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | A/G |
| Lobsters (European and squat lobsters) | Hooks and lines | 273 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | A/G |
| Norwegian Lobster | Dredge | 18 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Norwegian Lobster | Hooks and lines | 14 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | A/G |
| Mackerel | Hooks and lines | 792 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | A/G |
| **Export Fisheries** | | | | | | | |
| icefish | trawl, midwater | 3 | Not applicable | Subarea 48.3 (South Georgia Is.) | None documented | None documented | C/O, A/G |
| crab | pots | 1 | Not applicable | Subarea 48.3 (South Georgia Is.) | None documented | None documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| toothfish | longline | 4 | Not applicable | Subarea 48.3 (South Georgia Is.) | sperm whale, southern elephant seal, seals unspecified | 2007: 1 elephant seal killed, 2009: 1 unspecified seal killed, 2011: 2 sperm whales released, 2012: 1 sperm whale killed | P, A/G |
| toothfish | longline | 1 | Not applicable | Subarea 48.4 | None documented | None documented | C/O, A/G |
| toothfish | longline | 3 | Not applicable | Subarea 88.1 | None documented | None documented | C/O, A/G |
| toothfish | longline | 3 | Not applicable | Subarea 88.2 | None documented | None documented | C/O, A/G |
| Atlantic cod | trawl | 1 | Not applicable | Northwest Atlantic Ocean (FAO area 21) | common dolphin | 12-72 | P, A/G |
| Atlantic cod | Dredge | 31 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Atlantic cod | gillnet and entangling nets | 704 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | gray seal, common dolphin, harbor porpoise | 0.1, 6, 436 | P, A/G |
| Atlantic cod | Lift Nets | 2 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Atlantic cod | Seine nets | 23 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Atlantic cod | Traps | 235 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Atlantic cod | trawl | 742 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | common dolphin | 12-72 | P, A/G |
| Crab (king, stone, red, green, swimming, spider, other spp) | gillnet and entangling nets | 431 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Crab (king, stone, red, green, swimming, spider, other spp) | Miscellaneous gear | 6 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Crab (king, stone, red, green, swimming, spider, other spp) | traps | 1883 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Crab (king, stone, red, green, swimming, spider, other spp) | trawl | 262 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | common dolphin | 12-72 | P, A/G |
| herring | gillnet and entangling nets | 286 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | harbor porpoise, gray seal, common dolphin | 7 (0.1), 417, 276 | P, A/G |
| herring | Seine nets | 4 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| herring | Surrounding nets | 4 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| herring | Traps | 10 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| herring | trawl | 122 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | gray seal, common dolphin | 0.3, 12-72 | P, A/G |
| Lobsters (European and squat lobsters) | Dredge | 34 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Lobsters (European and squat lobsters) | gillnet and entangling nets | 478 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Lobsters (European and squat lobsters) | Traps | 2129 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | minke whale and humpback whale | occasional entanglement (1, 3) | P, A/G |
| Lobsters (European and squat lobsters) | trawl | 295 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | common dolphin | 12-72 | P, A/G |
| Norwegian Lobster | Traps | 372 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Norwegian Lobster | trawl | 603 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | common dolphin | 12-72 | P, A/G |
| Mackerel | gillnet and entangling nets | 505 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Mackerel | Lift Nets | 1 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Mackerel | Seine nets | 9 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Mackerel | Surrounding nets | 7 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Mackerel | Traps | 325 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Mackerel | trawl | 301 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | gray seal, common dolphin | 0.1, 12-72 | P, A/G |
| Shrimp (common shrimp, northern prawn, other spp) | Traps | 41 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Shrimp (common shrimp, northern prawn, other spp) | trawl | 54 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | common dolphin | 12-72 | P, A/G |
| Salmon (farmed) | Aquaculture (cages) | 150 | none provided | Northeast Atlantic Ocean (FAO area 27) | none provided | none provided | P, A/G, C/O |
| halibut, haddock, plaice, sole | gillnet | none provided | none provided | none provided | gray seal, common dolphin, harbor porpoise | 0.1, 6, 436 | N/I, A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| sea bass | pair trawl | none provided | none provided | winter, ICES area 7 (English Channel) | common dolphin, harbor porpoise | 200+ | N/I, A/G |
| tuna | gillnet | none provided | none provided | ICES area 7 (English Channel and Celtic Sea) | common dolphin | 61 | N/I, A/G |
| albacore | driftnet | none provided | none provided | ICES area 7 (English Channel and Celtic Sea) | striped dolphin | 104 | N/I, A/G |
| sprats | gillnet | none provided | none provided | Northeast Atlantic Ocean (FAO area 27) | harbor porpoise, gray seal, common dolphin | 7, 417, 276 | N/I, A/G |
| sardine, anchovy | gillnet | none provided | none provided | Northeast Atlantic Ocean (FAO area 27) | harbor porpoise, gray seal, common dolphin | 7, 417, 276 | N/I, A/G |
| swordfish | longline | none provided | none provided | Eastern and Western Indian Ocean | none provided | none provided | N/I, A/G |
| demersal fishes | gillnet | none provided | none provided | ICES area 7 (English Channel and Celtic Sea) | common dolphin | 1028 | N/I, A/G |
| hake | gillnet | none provided | none provided | ICES area 7 (English Channel and Celtic Sea) | harbor porpoise | | N/I, A/G |
| skates | gillnet | none provided | none provided | North Sea (FAO area 27) | harbor porpoise | 436 | N/I, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| Norwegian Lobster | Miscellaneous gear | 3 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | C/O, A/G |
| Shrimp (common shrimp, northern prawn, other spp) | Miscellaneous gear | 2 | Not applicable | Northeast Atlantic Ocean (FAO area 27) | Marine mammal interactions indicated species not provided | none documented | N/I, C/O, A/G |
| Salmon (wild) | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| anchovy | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| Cuttlefish | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| conch | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| halibut, haddock, plaice, sole | other fisheries? Not provided | none provided | none provided | none provided | none provided | none provided | N/I |
| seaweed | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| tuna (yellowfin) | none provided | none provided | none provided | none provided | none provided | none provided | N/I |
| | | | | | | | |
| **Uruguay** | | | | | | | |
| **Export Fisheries** | | | | | | | |
| toothfish | longline | 1 | Not applicable | Subarea 48.3 (South Georgia Is.) | southern elephant seal | 2014: 1 elephant seal killed | P, A/G |
| toothfish | pot | 1 | Not applicable | Subarea 48.3 (South Georgia Is.) | none reported | none | A/G |
| toothfish | longline | 1 | Not applicable | Subarea 58.4.1 (East Antarctica) | none reported | none | A/G |
| toothfish | longline | 1 | Not applicable | Subarea 58.4.3a | none reported | none | A/G |
| toothfish | longline | 1 | Not applicable | Subarea 58.4.3b | none reported | none | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| toothfish | longline | 2 | Not applicable | Subarea 88.1 | none reported | none | A/G |
| toothfish | longline | 1 | Not applicable | Subarea 88.2 | none reported | none | A/G |
| Black hake | longline, demersal (bottom) | 6 | Not applicable | Conservation of Antarctic Marine Living Resources Subareas 48.3, 88.1, 48,6 and Common Fishing Area Argentina-Uruguay (year round) | southern elephant seal | none provided | P, C/O, A/G |
| squid, Argentine short-finned | trawl | 3 | Not applicable | Common Fishing Area Argentina-Uruguay, from the 70-metre isobaths to 400 meter | None documented | None documented | A/G |
| Grouper, snapper | longline, pelagic | | Not applicable | Uruguayan EEZ in the 300 meter isobaths (year round) Argentina-Uruguay Treaty Zone | None documented | None documented | A/G |
| Whitemouth Croaker | trawl, bottom | 33 | Not applicable | Uruguayan Exclusive Economic Zone, between five and seventy meter deep. | none provided | none provided | A/G |
| Common hake | trawl | 20 | Not applicable | Common Fishing Area Argentina-Uruguay, between fifty and four hundred meter deep | None documented | None documented | A/G |
| Tuna, swordfish, dolphin fish | longline | 3 | Not applicable | Southwest Atlantic FAO Area 41 | Killer whales Common dolphins South American sea lion Subantarctic fur seal | incidental capture of marine mammals was 0.0051 cetaceans/1000 hooks and 0.0099 pinnipeds/1000 hooks | P, A/G |
| marine fish (drum, croaker, mullet, sea bream,) sharks | gillnet | none provided | Not applicable | Argentina-Uruguay Treaty Zone | franciscana dolphins, sea lions unspecified | >700/yr. franciscana dolphin | P, A/G |
| **Export Fisheries with No Information** | | | | | | | |
| whiting | none provided | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |
| king weakfish | none provided | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |
| Castaneta | none provided | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |
| Blackbelly rosefish | none provided | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Brazilian codling | none provided | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |
| Parona leatherjacket | none provided | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |
| narrownose smooth-hound | none provided | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |
| groundfish, haddock | none provided | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |
| Patagonian toothfish, Patagonian grenadier, Chimaeras | longline | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |
| Ariid catfish | none provided | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |
| sharks, rays | none provided | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |
| flounder | none provided | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |
| bluefish | none provided | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |
| angelfish | none provided | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |
| swordfish | none provided | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |
| Argentinian sandperch | none provided | none provided | Not applicable | Argentina-Uruguay Treaty Zone | none provided | none provided | N/I |

## Vanuatu

### Exempt Fisheries

| | | | | | | |
|---|---|---|---|---|---|---|
| trochus | aquaculture | not applicable | none provided | none provided | none provided | none provided |
| trochus | hand collecting | not applicable | none provided | none provided | none provided | none provided |
| green snail | aquaculture | not applicable | none provided | none provided | none provided | none provided |
| seaweed | aquaculture | not applicable | none provided | none provided | none provided | none provided |
| corals | aquaculture | not applicable | none provided | none provided | none provided | none provided |
| sea cucumber | diving | none provided | none provided | none provided | none provided | none provided |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| lobster | diving | none provided | none provided | none provided | none provided | none provided | |
| clam nspf | aquaculture | not applicable | none provided | none provided | none provided | none provided | |
| tuna (bigeye, albacore, skipjack, yellowfin, swordfish, marlin) | pole and line | none provided | not applicable | Western Central Pacific Ocean | none provided | none provided | A/G |
| tuna (bigeye, albacore, skipjack, yellowfin, swordfish, marlin) | pole and line | 1* | not applicable | Atlantic Ocean | none provided | none provided | A/G |
| prawn | aquaculture | not applicable | none provided | none provided | none provided | none provided | |
| **Export Fisheries** | | | | | | | |
| snapper, grouper, tuna | none provided | none provided | none provided | artisanal, inshore coastal | none provided | none provided | |
| tuna (bigeye, albacore, skipjack, yellowfin, swordfish, marlin) | longline | 72 | not applicable | Eastern Tropical Pacific Ocean, Inter-American Tropical Tuna Convention Area | none provided | none provided | A/G |
| tuna (bigeye, albacore, skipjack, yellowfin, swordfish, marlin) | longline | 61-84 | not applicable | Western Central Pacific Ocean | false killer whale, miscellaneous dolphin | 2011-2014: false killer whale (2), Risso's dolphin (1) -- WCPFC observer data | P, A/G |
| tuna (bigeye, albacore, skipjack, yellowfin, swordfish, marlin) | longline | none provided | not applicable | South Pacific Ocean | none provided | none provided | A/G |
| tuna (bigeye, albacore, skipjack, yellowfin, swordfish, marlin) | longline | none provided | not applicable | North Pacific Ocean | none provided | none provided | A/G |
| tuna (bigeye, albacore, skipjack, yellowfin, swordfish, marlin) | longline | 3-7 | not applicable | Atlantic Ocean | none provided | none provided | A/G |
| tuna (bigeye, albacore, skipjack, yellowfin, swordfish, marlin) | longline | 0* | not applicable | Indian Ocean | none provided | none provided | A/G |
| tuna (bigeye, albacore, skipjack, yellowfin, swordfish, marlin) | purse seine | 3-22 | not applicable | Western Central Pacific Ocean | false killer whale, miscellaneous dolphin | 2011-2014: false killer whale (7), Risso's dolphin (2), Common dolphin (2), Rough toothed dolphin (1), bottlenose dolphin (3) -- WCPFC observer data | P, A/G |
| tuna (bigeye, albacore, skipjack, yellowfin, swordfish, marlin) | purse seine | none provided | not applicable | Atlantic Ocean | none provided | none provided | P, A/G |
| tuna (bigeye, albacore, skipjack, yellowfin, swordfish, marlin) | purse seine | 0* | not applicable | Indian Ocean | none provided | none provided | A/G |
| tuna (bigeye, albacore, skipjack, yellowfin, swordfish, marlin) | trawl | none provided | not applicable | none provided | none provided | none provided | A/G |

## Venezuela

**Exempt Fisheries**

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| coral | diving, hand collection | none provided | none provided | none provided | none provided | none provided | N/I, A/G |
| dolphinfish | artisanal hand lines | none provided | not applicable | Caribbean Sea | none provided | none provided | N/I, A/G |
| snapper, grouper | handlines | none provided | not applicable | none provided | none provided | none provided | N/I, A/G |
| salmon | farmed | not applicable | none provided | none provided | none provided | none provided | |
| molluscs (mussels, oysters, scallops) | aquaculture | not applicable | none provided | none provided | none provided | none provided | N/I, A/G |
| shrimp | aquaculture | not applicable | none provided | none provided | none provided | none provided | N/I, A/G |
| **Export Fisheries** | | | | | | | |
| dolphinfish | artisanal longline | none provided | not applicable | Caribbean Sea | none provided | none provided | N/I, A/G |
| sardine | artisanal encircling nets | none provided | not applicable | none provided | none provided | none provided | N/I, A/G |
| sardine | artisanal purse seine | none provided | not applicable | none provided | none provided | none provided | N/I, A/G |
| shrimp | trawl | 0* | not applicable | none provided | none provided | none provided | N/I, A/G |
| snapper, grouper | longline | none provided | not applicable | none provided | none provided | none provided | N/I, A/G |
| tuna (bigeye, albacore, skipjack, yellowfin, swordfish, marlin) | longline | 1 | not applicable | Eastern Tropical Pacific | none provided | none provided | A/G |
| tuna (bigeye, albacore, skipjack, yellowfin, swordfish, marlin) | longline | 70 | not applicable | Atlantic Ocean, International Convention for the Conservation of Atlantic Tuna Convention Area | none provided | none provided | A/G |
| tuna (bigeye, albacore, skipjack, yellowfin, swordfish, marlin) | purse seine | 4 | not applicable | Atlantic Ocean, International Convention for the Conservation of Atlantic Tuna Convention Area | none provided | none provided | A/G, N/I |
| crab (Callinectes), crab (Portunidae) | pots, traps | none provided | none provided | none provided | none provided | none provided | |
| **Export Fisheries with No Information** | | | | | | | |
| squid/cuttlefish/octopus | none provided | none provided | none provided | none provided | none provided | none provided | N/I, A/G |
| rock lobster | none provided | none provided | none provided | none provided | none provided | none provided | |
| mackerel (jack, horse), seabass | none provided | none provided | none provided | none provided | none provided | none provided | N/I, A/G |
| | | | | | | | |
| **Vietnam** | | | | | | | |
| **Exempt Fisheries** | | | | | | | |
| corals, shells, cuttlebone | hand collection | not applicable | not applicable | coastal areas | none provided | none provided | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| mud crab | aquaculture | not applicable | none provided | coastal areas, Small scale farming; poly culture in pond with low density; 220,000ha | none provided | none provided | A/G |
| grouper | demersal hook and line | 14277 | none provided | year-round, Vietnam EEZ, north, central, and south regions | none documented | none documented | A/G |
| molluscs - oysters and mussels | hand collection, rakes | not applicable | none provided | tidal areas | none provided | none provided | A/G |
| clam | hand collection, rakes | not applicable | not applicable | Mekong Delta and Northern Provinces | none provided | none provided | A/G |
| clam | aquaculture | not applicable | none provided | Mekong Delta and Northern Provinces, 22000ha | none provided | none provided | A/G |
| snapper | demersal handline | 17508 | not applicable | year-round, Mekong, Mekong, SW Phu Quoc, Vietnam EEZ | none documented | none documented | A/G |
| demersal fishes, tuna | hook and line | 4,800 | not applicable | year-round, coastal, inshore, and offshore areas, north, central, and south regions | none documented | none documented | A/G |
| squid | stick net/lift net | 3,731 | not applicable | year-round, coastal, inshore, and offshore areas, north and central regions | none documented | none documented | A/G |
| grouper, snapper, sea bass | aquaculture | not applicable | none provided | all coastal provinces, Small scale farming; marine fishes including grouper with total areas for farming of 1,2 million m3 floating cage | none provided | none provided | A/G, C/O |
| lobster | aquaculture | not applicable | none provided | Binh Dinh, Phu Yen and Khanh Hoa province in coastal areas of natural bays, 3,722,695 m3 of floating cage | none provided | none provided | A/G, C/O |
| scallops | aquaculture | not applicable | none provided | Central Region, small scale farming | none provided | none provided | A/G, C/O |
| marine snails | aquaculture | not applicable | none provided | coastal provinces, marine snail; 9000ha | none provided | none provided | A/G, C/O |
| shrimp | aquaculture | not applicable | none provided | all coastal provinces, 695000ha | none provided | none provided | A/G, C/O |
| **Export Fisheries** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| anchovy, sardine | lift nets | 2262 | not applicable | South Long Chau, North Hon Me, Tonkin Gulf Mouth, north and central regions | none documented | none documented | A/G |
| anchovy, sardine | surrounding net | 2262 | not applicable | coastal areas | none provided | none provided | A/G |
| swimming crab | gillnet, fixed | 285 | not applicable | coastal areas, north, central, and south regions | none documented | none documented | A/G |
| eels | aquaculture | not applicable | none provided | Khanh Hoa, Phu Yen, Binh Dinh province in the coastal areas | none provided | none provided | N/I |
| cuttlefish | trawl, bottom | 13876 | none provided | inshore and offshore areas, north, central, and south regions | none documented | none documented | A/G |
| dolphinfish | gillnet | 973 | none provided | year-round, offshore areas | none documented | none documented | A/G |
| flatfish, sole | trawl, bottom | 13876 | none provided | year-round, Vietnam EEZ, north, central, and south regions | none documented | none documented | A/G |
| grouper | trawl, bottom | 14277 | none provided | year-round, Vietnam EEZ, north, central, and south regions | none documented | none documented | A/G |
| lobster | gillnet | 7609 | not applicable | year-round, coastal areas, north, central, and south regions | none documented | none documented | A/G |
| lobster | trap | 7609 | not applicable | year-round, coastal areas | none documented | none documented | A/G |
| mackerel | gillnet | 15619 | not applicable | year-round, coastal, inshore, and offshore areas, north, central, and south regions | none documented | none documented | A/G |
| mackerel | purse seine | 15619 | not applicable | year-round, coastal, inshore, and offshore areas, north, central, and south regions | none documented | none documented | A/G |
| mullet | gillnet | 14121 | not applicable | year-round, coastal, inshore, and offshore areas, north, central, and south regions | none documented | none documented | A/G |
| mullet | trawl, bottom | 14121 | not applicable | year-round, coastal, inshore, and offshore areas, north, central, and south regions | none documented | none documented | A/G |
| octopus | longline, demersal | 401 | not applicable | year-round, coastal areas | none documented | none documented | A/G |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| snapper | trawl, bottom | 17508 | not applicable | year-round, Mekong, Mekong, SW Phu Quoc, Vietnam EEZ | none documented | none documented | A/G |
| tuna (bigeye, bluefin, yellowfin, skipjack), swordfish | longline | 1755 | not applicable | year-round, offshore areas, central provinces, Vietnam EEZ | none documented | none documented | A/G |
| tuna (skipjack), swordfish, mackerel | gillnet | 973 | not applicable | year-round, offshore areas, north, central, and south regions, Vietnam EEZ | none documented | none documented | A/G |
| tuna (bigeye, bluefin, yellowfin, skipjack), swordfish | purse seine | 1461 | not applicable | year-round, offshore areas, Vietnam EEZ | none documented | none documented | A/G |
| shrimp | single trawl | 6512 | not applicable | year-round, inshore areas, north, central, and south regions | none documented | none documented | A/G |
| shrimp | pair trawl | 7364 | not applicable | year-round, inshore areas, north, central, and south regions | none documented | none documented | A/G |
| demersal fishes (deep sea pelagics, orange roughy) | trawl, bottom | 13,876 | not applicable | year-round, inshore and offshore areas | none documented | none documented | A/G |
| tuna (other pelagic fishes) | gillnet | 973 | not applicable | year-round, coastal, inshore, and offshore areas, north, central, and south regions | none documented | none documented | A/G |
| tunas (small pelagics) | purse seine | 5,844 | not applicable | year-round, coastal, inshore, and offshore areas (purse seining is allowed by light operators in coastal areas), north, central, and south regions | none documented | none documented | A/G |
| squid | pair trawl | 7,364 | not applicable | year-round, offshore areas | none documented | none documented | A/G |
| **Export Fisheries with No Information** | | | | | | | |
| none provided | other gear types (logistic vessels) | 2,331 | not applicable | year-round, coastal, inshore, and offshore areas | none documented | none documented | N/I |

## Western Samoa

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Exempt Fisheries** | | | | | | | |
| Tuna, albacore, bigeye, yellowfin | Troll | 42 | Not applicable | Samoa's EEZ | None documented | None documented | A/G |
| **Export Fisheries** | | | | | | | |

| Target Species or Product | Fishery/Gear Type | Number of Vessels | Company (if aquaculture or processor) | Area of Operation | Marine Mammal Interactions (by group or species) | Marine Mammal Bycatch Estimates | Classification ** (Presence of mortality or injury (P/A), Co-Occurrence (C/O), Analogous Gear (A/G), No |
|---|---|---|---|---|---|---|---|
| Tuna, albacore, bigeye, yellowfin, wahoo, swordfish, dolphin fish | Longline | 58 Samoa, 10 foreign fishing licenses (8-vanuatu, 1 cook island, 1 Kiribati) | Not applicable | Samoa's EEZ | None documented | None documented | C/O,A/G |