Giant Eagle

Giant Eagle, Inc. is among the top 40 largest private companies as ranked by Forbes magazine. Founded in 1931, the company is one of the nation’s largest food retailers and distributors, and the leading supermarket retailer in its region with more than 470 stores throughout Pennsylvania, Ohio, West Virginia, Maryland and Indiana.

<table>
<thead>
<tr>
<th>Number of Fisheries Used</th>
<th>Number of Certified Fisheries</th>
<th>Number of Fisheries in a FIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>88</td>
<td>32</td>
<td>7</td>
</tr>
</tbody>
</table>

### Production Methods Used

- Midwater trawl
- Bottom trawl
- Dredge
- Purse seine
- Gillnets and entangling nets
- Hook and line
- Longlines
- Handlines and pole-lines
- Rake / hand gathered / hand netted
- Pots and traps

### Summary

Giant Eagle is committed to ensuring that all seafood products sold in its stores are harvested sustainably. We’re proud to work with the nonprofit Sustainable Fisheries Partnership (SFP) to create a sustainable sourcing strategy for our wild and farmed seafood. This includes limiting stock depletion by sourcing a broad variety of species, choosing species based on responsible fishery practices in addition to customer demand, forging partnerships that allow direct access to fishermen, and actively supporting many Fishery Improvement Projects (FIPs). Giant Eagle commits to sell only seafood from fisheries that are managed by competent authorities and have a management plan in place that incorporates a science-based approach to ensure sustainability. We require full traceability to the point of landing or farm pond of all seafood sold fresh, frozen, or in value-added products.

Giant Eagle commits to educating its staff, suppliers and customers on seafood sustainability issues. Giant Eagle will make information available to customers in publications, in-store and online that empowers them to make responsible and informed purchasing decisions based on their own values regarding community, the environment and their health.

https://www.gianteagle.com/about-us/sustainable-seafood
<table>
<thead>
<tr>
<th>Species and Location</th>
<th>Production Methods</th>
<th>Certification or Improvement Project</th>
<th>Sustainability Ratings</th>
<th>Notes</th>
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<tbody>
<tr>
<td><strong>Alaska pollock</strong></td>
<td>Midwater trawl</td>
<td><strong>Certified</strong></td>
<td>FishSource</td>
<td></td>
</tr>
<tr>
<td><em>Theragra chalcogramma</em></td>
<td></td>
<td></td>
<td>Well Managed</td>
<td></td>
</tr>
<tr>
<td>E Bering Sea, Gulf of Alaska</td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Fishery countries:</td>
<td></td>
<td></td>
<td>Seafood Watch</td>
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<td>U.S.</td>
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<td>Good Fish Guide</td>
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<td>Best Choice 1</td>
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<td></td>
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</tr>
</tbody>
</table>
### Environmental Notes
- This fishery is unlikely to have direct impacts on PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

### General Notes
- This fish plays an important role in the marine food web and so potential impacts on the wider marine ecosystem must be monitored.

<table>
<thead>
<tr>
<th>Fishery</th>
<th>Bottom trawl</th>
<th>Not certified or in a FIP</th>
<th>FishSource</th>
<th>Seafood Watch</th>
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<th>NOAA FSSI</th>
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<tbody>
<tr>
<td>American angler</td>
<td>US North Atlantic North</td>
<td>U.S.</td>
<td>Well Managed</td>
<td>Good Alternative</td>
<td>Not recommended</td>
<td>4</td>
</tr>
</tbody>
</table>

**American angler**
*Lophius americanus*

**US North Atlantic**
North

**Fishery countries:**
U.S.
### American lobster
*Homarus americanus*

**Gulf of Maine and Georges Bank – US**

**Fishery countries:**
- U.S.

#### Environmental Notes
- There are potential risks to PET species with this fishery, but mitigation actions are underway.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### General Notes
- No additional notes.

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### American lobster
*Homarus americanus*

**SE Cape Breton, Chedabucto Bay and Eastern shore**

#### Environmental Notes
- There are risks to marine mammals with this fishery, but there are mitigation measures in place.
- Bycatch of fin-fish, particularly cod, is a risk in this fishery, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

#### General Notes
- No additional notes.
### Environmental Notes
- Profile not yet complete.

### General Notes
- No additional notes

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**American yellow perch**  
*Perca flavescens*

**Lake Erie** - Western Basin, Western Central Basin, Eastern Central Basin, Eastern Basin  
**Fishery countries:** Canada

- Gillnets and entangling nets  
- Certified

**Environmental Notes**
- There are risks to PET species with this fishery, but there is insufficient data available to assess significance.  
- There is a lack of information on bycatch in this fishery.  
- This fishery is unlikely to have a significant impact on the sea bed.

**General Notes**
- No additional notes

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**Argentine red shrimp**  
*Pleoticus muelleri*

**Patagonian:**  
Argentina offshore industrial  
**Fishery countries:** Argentina

- Bottom trawl  
- FIP

**Environmental Notes**
- There are risks to sharks and rays with this fishery.  
- Bycatch of hake is a risk with this fishery.  
- Bottom trawls directly impact on the sea bed.

**General Notes**
### Atlantic Cod

**Gadus morhua**

**Fishery countries:**
- U.S.

**Environmental Notes**
- There are risks to marine mammals with this fishery, but there are mitigation measures in place.
- There is bycatch for this fishery but non-target species are retained. Management measures are in place to reduce impacts on retained species.
- Bottom trawls will directly impact on the sea bed. However, management measures are in place.

**General Notes**
- No additional notes.

### Icelandic Atlantic Cod

**Gadus morhua**

**Fishery countries:**
- Iceland

**Environmental Notes**
- This fishery is unlikely to have direct impacts on PET species.
- There is bycatch for this fishery but non-target species are retained. Management measures are in place to reduce impacts on retained species.
- This fishery is unlikely to have a significant impact on the sea bed.

**General Notes**
- No additional notes.
### Atlantic cod

**Gadus morhua**

**Norwegian coastal**

Fishery countries:
- Norway

**Environmental Notes**
- This fishery is unlikely to impact PET species.
- There is bycatch for this fishery but non-target species are retained. Management measures are in place to reduce impacts on retained species.
- This fishery is unlikely to have a significant impact on the sea bed.

**General Notes**
- No additional notes.

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### Atlantic mackerel

**Scomber scombrus**

**NE Atlantic**

Fishery countries:
- U.K.

Environmental Notes:
- Midwater trawl
- Certified

**Environmental Notes**
- There are risks to PET species with this fishery, but there is insufficient data available to assess significance.
- Bycatch is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

**General Notes**
- No additional notes.

---

### Atlantic mackerel

**Scomber scombrus**

**NW Atlantic**

Fishery countries:
- Canada

Environmental Notes:
- Gillnets and entangling nets
- Not certified or in a FIP
- Needs Improvement

**Environmental Notes**
- There are risks to marine mammals with this fishery.
- Bycatch is a risk for this fishery but there are mitigation measures in place.

**General Notes**
- No additional notes.
- This fishery is unlikely to have a significant impact on the sea bed.

**General Notes**

- No additional notes.

##### Black grouper

*Mycteroperca bonaci*

**Northern Gulf of Mexico and NW Atlantic southern**

**Fishery countries:**

- **U.S.**

<table>
<thead>
<tr>
<th>Method</th>
<th>Certification</th>
<th>Seafood Watch</th>
<th>Ocean Wise</th>
<th>NOAA FSSI</th>
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<tbody>
<tr>
<td>Longlines</td>
<td>Not certified or in a FIP</td>
<td>Avoid</td>
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<td>4</td>
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</tbody>
</table>

**Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

**General Notes**

- No additional notes.

##### Black seabass

*Centropristis striata*

**NW Atlantic northern stock**

**Fishery countries:**

- **U.S.**

<table>
<thead>
<tr>
<th>Method</th>
<th>Certification</th>
<th>Seafood Watch</th>
<th>Ocean Wise</th>
<th>NOAA FSSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottom trawl</td>
<td>Not certified or in a FIP</td>
<td>Avoid</td>
<td>Not recommended</td>
<td>4</td>
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</tbody>
</table>

**Environmental Notes**

- Profile not yet complete.

**General Notes**

- No additional notes.

##### Blue crab

*Callinectes sapidus*

<table>
<thead>
<tr>
<th>Method</th>
<th>Certification</th>
<th>Seafood Watch</th>
<th>Ocean Wise</th>
<th>NOAA FSSI</th>
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</thead>
<tbody>
<tr>
<td>Purse seine</td>
<td>Not certified or in a FIP</td>
<td>Good Alternative</td>
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<td></td>
</tr>
</tbody>
</table>

**FishSource**

- Managed

**Seafood Watch**

- Avoid

**Ocean Wise**

- Not recommended

**NOAA FSSI**

- 4
Mexico Gulf of Mexico

Fishery countries: Mexico

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes

Blue marlin
*Makaira nigricans*

Pacific Ocean

Fishery countries: U.S.

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes

Chum salmon
*Oncorhynchus keta*

Alaska - Bristol Bay

Fishery countries: U.S.

Environmental Notes
- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes
- Caveat: The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

References
InterTek Moody Marine, 2013, Alaska Salmon Fishery MSC Public Certification Report

Ocean Wise
Recommended

FishSource
Needs Improvement

Seafood Watch
Avoid

Ocean Wise
Not recommended

FishSource
Well Managed

Seafood Watch
Eco-Certification
Recommended

Good Fish Guide
Best Choice 2

Ocean Wise
Recommended
<table>
<thead>
<tr>
<th>Fish Source</th>
<th>Seafood Watch</th>
<th>Good Fish Guide</th>
<th>Ocean Wise</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well Managed</td>
<td>Eco-Certification Recommended</td>
<td>Best Choice 2</td>
<td>Recommended</td>
</tr>
</tbody>
</table>

### Environmental Notes
- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

### General Notes

**Caveat**
The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

**References**
Intertek Moody Marine, 2013, Alaska Salmon Fishery MSC Public Certification Report
Cuttlefishes nei
*Sepia pharaonis*
Thailand Gulf of Thailand
Fishery countries: Thailand

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes.

Flathead sole
*Hippoglossoides elassodon*
Gulf of Alaska
Fishery countries: U.S.

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes

Golden king crab
*Lithodes aequispinus*
Aleutian Islands
Fishery countries: U.S.

Environmental Notes
- Information on interactions with PET species is not available.
- Bycatch is a significant risk for this fishery.
- Bottom trawls will directly impact on the sea bed. However, management measures are in place.
### General Notes

### References

Alaska Seafood Marketing Institute, RFM Certification - Alaska Crab

### Golden king crab

<table>
<thead>
<tr>
<th>Lithodes aequispinus</th>
<th>Pots and traps</th>
<th>Not certified or in a FIP</th>
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</thead>
</table>

**Western Kamchatka**

**Fishery countries:**

- Russia

### Environmental Notes

- Profile not yet complete.

### General Notes

### Haddock

<table>
<thead>
<tr>
<th>Melanogrammus aeglefinus</th>
<th>Bottom trawl</th>
<th>Certified</th>
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</thead>
</table>

**Georges Bank**

**Fishery countries:**

- U.S.

### Environmental Notes

- There are risks to PET species with this fishery, but there are mitigation measures in place.
- There is bycatch for this fishery but non-target species are retained. Management measures are in place to reduce impacts on retained species.
- Bottom trawls will directly impact the sea bed. However, management measures are in place.

### General Notes

- No additional notes

### Haddock

<table>
<thead>
<tr>
<th>Melanogrammus aeglefinus</th>
<th>Bottom trawl</th>
<th>Managed</th>
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</thead>
</table>

**Icelandic**

**Fishery countries:**

- Iceland

### Environmental Notes

- This fishery is unlikely to impact PET species.
### Haddock
*Melanogrammus aeglefinus*

- **Fishery**:
  - S Scotian Shelf and
  - Bay of Fundy
  - Fishery countries:
    - Canada

- **Environmental Notes**
  - There are risks to sea turtles and marine mammals with this fishery.
  - Bycatch for this fishery includes other fish, tuna and sharks, but there are mitigation measures in place.
  - Bottom trawls will directly impact on the sea bed.

- **General Notes**
  - No additional notes.

<table>
<thead>
<tr>
<th>FishSource</th>
<th>Seafood Watch</th>
<th>Ocean Wise</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certified</td>
<td>Eco-Certification Recommended</td>
<td>Recommended</td>
</tr>
</tbody>
</table>

### Hard clams nei
*Meretrix spp.*

- **Fishery**:
  - Gulf of Thailand
  - Fishery countries:
    - Thailand

- **Environmental Notes**
  - Profile not yet complete.

- **General Notes**
  - No additional notes.

<table>
<thead>
<tr>
<th>FishSource</th>
<th>Sustainability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not certified or in a FIP</td>
<td>not rated</td>
</tr>
</tbody>
</table>

### Japanese flying squid
*Todarodes pacificus*

- **Fishery**:
  - East China Sea and
  - Japan Sea
  - Fishery countries:
    - China

- **FishSource**
  - Prospective FIP

- **Environmental Notes**
  - Profile not yet complete.

- **General Notes**
  - No additional notes.

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
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<td>Prospective FIP</td>
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</tbody>
</table>
Environmental Notes

- There is no information on the impact of this fishery on protected, endangered and threatened (PET) species.
- Information on bycatch is not available for this fishery.
- The midwater trawl fishery is unlikely to have a significant impact on the sea bed, however, the combined impacts from the multi-gear fishery are unknown.

General Notes

There is a lack of information on stock status and mortality rates for Japanese flying squid in Chinese waters. Japan’s midwater trawl fishery for Japanese flying squid is considered Managed based on FishSource scores.

This fishery entered a FIP in November 2018.

References

Fishery Progress, East China Sea and Yellow Sea Japanese flying squid - trawl

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**Lake whitefish**

*Coregonus clupeaformis*

Lake Erie, Lake Huron, Lake Winnipeg

Fishery countries: Canada

- Gillnets and entangling nets
- Not certified or in a FIP

**Seafood Watch**

Good Alternative

**Ocean Wise**

Recommended

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Environmental Notes

- Profile not yet complete.

General Notes

- No additional notes

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**Mahi-mahi**

*Coryphaena hippurus*

Eastern Pacific Ocean

Fishery countries: Ecuador

- Longlines
- FIP

**Seafood Watch**

Good Alternative

**Ocean Wise**

Not recommended

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Environmental Notes

- There are risks to turtles, sharks and seabirds with this fishery.
- Bycatch is a significant risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

References

Fishery Progress, Ecuador mahi-mahi - longline

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**Ocean Wise**

Not recommended

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**Seafood Watch**

Avoid
**Mahi-mahi**  
*Coryphaena hippurus*  
Western and Central Pacific Ocean  
Fishery countries:  
Taiwan

**Environmental Notes**
- There are risks to turtles and seabirds with this fishery.
- Bycatch is a risk for this fishery but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

**General Notes**
- No additional notes

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**Mitre squid**  
*Loligo chinensis*  
Thailand Gulf of Thailand  
Fishery countries:  
Thailand

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes

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**Northern brown shrimp**  
*Penaeus aztecus*  
Northern Gulf of Mexico – Mississippi  
Fishery countries:  
U.S.

**Environmental Notes**
- There is potential for turtle interactions with this fishery, but excluder devices are fitted to nets for protection.
- Bycatch is a risk for this fishery, but there are mitigation measures in place.
- Bottom trawls will directly impact on the sea bed.

**General Notes**
Northern red snapper
*Lutjanus campechanus*
Northern Gulf of Mexico
Fishery countries: U.S.
Handlines and pole-lines
Not certified or in a FIP

Environmental Notes
- This fishery is unlikely to impact PET species.
- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes
- No additional notes

Northern quahog
*Mercenaria mercenaria*
CA Atlantic Coast-St Mary
Fishery countries: Canada
Dredge
Rake / hand gathered / hand netted
Not certified or in a FIP

Environmental Notes
- Profile not yet complete.
- Bycatch for this fishery is considered low.
- Dredges will directly impact on the sea bed.

General Notes
- No additional notes

Northern quahog
*Mercenaria mercenaria*
US NW Atlantic Coast
Fishery countries: U.S.
Dredge
Rake / hand gathered / hand netted
Not certified or in a FIP

Environmental Notes
- Profile not yet complete.
- Bycatch for this fishery is considered low.
- Dredges will directly impact on the sea bed.

General Notes
- No additional notes
Environmental Notes

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

- No additional notes

### Northern white shrimp
*Penaeus setiferus*

**Northern Gulf of Mexico - Louisiana**

- Fishery countries: U.S.

<table>
<thead>
<tr>
<th>Environmental Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>There is potential for turtle interactions with this fishery, but excluder devices are fitted to nets for protection.</td>
</tr>
<tr>
<td>Bycatch is a significant risk for this fishery.</td>
</tr>
<tr>
<td>Bottom trawls will directly impact on the sea bed.</td>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>NOAA FSSI 4: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.</td>
</tr>
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<table>
<thead>
<tr>
<th>References</th>
</tr>
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<tbody>
<tr>
<td>Fishery Progress, Louisiana shrimp - otter/skimmer trawl FIP</td>
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### Octopuses nei
*Octopus spp.*

**Thai waters**

<table>
<thead>
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<tbody>
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### Orange roughy
*Hoplostethus atlanticus*

<table>
<thead>
<tr>
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<tr>
<td>FishSource: Well Managed</td>
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<table>
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</thead>
<tbody>
<tr>
<td>Seafood Watch</td>
<td>FishSource</td>
</tr>
</tbody>
</table>
**East and South Chatham Rise**

Fishery countries:
- New Zealand

**Environmental Notes**
- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- Bottom trawls will directly impact on the sea bed.

**General Notes**
- No additional notes.

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**Pacific cod**  
*Gadus macrocephalus*

**Aleutian Islands**

Fishery countries:  
- U.S.

**Bottom trawl**  
Certified

**Eco-Certification**  
Recommended

**Ocean Wise**  
Recommended

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**Environmental Notes**
- There are risks to seabirds and marine mammals with this fishery, but there are mitigation measures in place.
- Bycatch for this fishery includes other fish, skates and sea birds, but there is insufficient data available to assess significance.
- Bottom trawls will directly impact on the sea bed.

**General Notes**
- No additional notes.

---

**Pacific cod**  
*Gadus macrocephalus*

**Eastern Bering Sea**

Fishery countries:  
- U.S.

**Longlines**  
Certified

**FishSource**  
Well Managed

**Seafood Watch**  
Eco-Certification  
Recommended

**Good Fish Guide**  
Best Choice 1

**Ocean Wise**  
Recommended

**NOAA FSSI**  
4

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**Pacific cod**  
*Gadus macrocephalus*

**Eco-Certification**  
Recommended

---
Environmental Notes
- There are risks to seabirds and marine mammals with this fishery, but there are mitigation measures in place.
- Bycatch for this fishery includes other fish, skates and sea birds, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes
- No additional notes.

Pacific cod
Gadus macrocephalus
Gulf of Alaska
Fishery countries: U.S.

Environmental Notes
- There are risks to seabirds and marine mammals with this fishery, but there are mitigation measures in place.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes
- No additional notes

Pacific halibut
Hippoglossus stenolepis
NE Pacific – Alaska
Fishery countries: U.S.
Environmental Notes

- There are risks to seabirds with this fishery, but mitigation actions are underway.
- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

- No additional notes
Patagonian toothfish

*Dissostichus eleginoides*

South American - Chilean - Chile South

47ºS

Fishery countries:
Chile

Environmental Notes

- There are risks to seabirds and marine mammals with this fishery, but there are mitigation measures in place.
- Bycatch for this fishery is a risk, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

- No additional notes.

Pink salmon

*Oncorhynchus gorbuscha*

Alaska - Westward

Alaska

Fishery countries:
U.S.

Environmental Notes

- While encounters with marine mammals and birds have been documented in this fishery, the impact on PET species is not thought to be significant.
- There is no risk of bycatch for this fishery. Catches of other salmon species are accounted for in the pink salmon management.
- This fishery is unlikely to have a significant impact on the benthic habitat.

General Notes

Caveat

The environmental notes for this fishery are based on information that is partly derived from sources other than the FishSource profile.

References

Intertek Moody Marine, 2013, MSC Public Certification Report for Alaska Salmon Fishery
# Queen crab

**Chionoecetes opilio**

**Northern Sea of Okhotsk**

Fishery countries:
- Russia

## Environmental Notes
- There are potential risks to PET species with this fishery, but there is insufficient data available to assess significance.
- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

## General Notes

### References

- Crab Catchers Association, Russian Far East Crab FIP

## Fishery Countries

- Russia

## Certification

- FIP

## Seafood Watch
- Avoid

## Ocean Wise
- Not recommended

---

# Queen crab

**Chionoecetes opilio**

**NW Atlantic - Newfoundland and Labrador**

Fishery countries:
- Canada

## Environmental Notes
- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

## General Notes

- No additional notes

## Fishery Countries

- Canada

## Certification

- Certified

## Seafood Watch
- Eco-Certification
- Recommended

## Ocean Wise
- Recommended

---

# Queen crab

**Chionoecetes opilio**

**NW Atlantic - S Gulf of St. Lawrence**

Fishery countries:
- Canada

## Environmental Notes
- There are risks to right whales with this fishery. Please see the MSC link below.

## General Notes

## Fishery Countries

- Canada

## Certification

- Not certified or in a FIP

## Seafood Watch
- Avoid

## Ocean Wise
- Not recommended

---

# Queen crab

**Chionoecetes opilio**

**NW Atlantic - S Gulf of St. Lawrence**

Fishery countries:
- Canada

## Environmental Notes
- There are risks to right whales with this fishery. Please see the MSC link below.
- This fishery is unlikely to have a significant impact on the sea bed.

## General Notes

## Fishery Countries

- Canada

## Certification

- Not certified or in a FIP

## Seafood Watch
- Avoid

## Ocean Wise
- Not recommended

---

# Queen crab

**Chionoecetes opilio**

**NW Atlantic - S Gulf of St. Lawrence**

Fishery countries:
- Canada

## Environmental Notes
- There are risks to right whales with this fishery. Please see the MSC link below.
- This fishery is unlikely to have a significant impact on the sea bed.

## General Notes

## Fishery Countries

- Canada

## Certification

- Not certified or in a FIP

## Seafood Watch
- Avoid

## Ocean Wise
- Not recommended
General Notes

- The MSC certificate was suspended for the Southern Gulf of St. Lawrence snow crab fishery on March 20, 2018.

References

Marine Stewardship Council. MSC certificate suspended for Southern Gulf of St. Lawrence snow crab fishery

Environmental Notes

- There is a lack of information on interactions with PET species in this fishery.
- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

- No additional notes

Rainbow smelt

Osmerus mordax

Lake Erie

Fishery countries:
Canada

Midwater trawl

Not certified or in a FIP

Ocean Wise
Recommended

Rainbow smelt

Osmerus mordax

Lake Erie

Fishery countries:
U.S.

Gillnets and entangling nets

Not certified or in a FIP

Sustainability
not rated

Environmental Notes

- There is a lack of information on interactions with PET species in this fishery.
- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

- No additional notes

Sockeye salmon

Oncorhynchus nerka

Alaska - Bristol Bay, Westward Alaska

Fishery countries:
U.S.

Gillnets and entangling nets

Certified

FishSource
Well Managed

Seafood Watch
Eco-Certification
Recommended

Good Fish Guide
Best Choice 2
Environmental Notes
- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the benthic habitat.

General Notes

Caveat
The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

References
Intertek Moody Marine, 2013, MSC Public Certification Report for the Alaska Salmon Fishery

South Pacific hake
Merluccius gayi gayi
Chilean
Fishery countries:
Chile

Environmental Notes
- There are risks to seabirds and marine mammals with this fishery, but there are mitigation measures in place.
- Bycatch is a risk in this fishery.
- This fishery is unlikely to have a significant impact on the benthic habitat.

General Notes
- No additional notes

Swordfish
Xiphias gladius
North Atlantic
Fishery countries:
Canada

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes
### Swordfish (Xiphias gladius)

**Northeast Pacific**

- **Fishery countries:** Ecuador
- **Fishery Method:** Longlines
- **Certification:** Not certified or in a FIP

#### Environmental Notes
- There are risks to sea turtles with this fishery.
- Bycatch is a risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

#### General Notes
- No additional notes

#### References
- Seafood Watch, 2016, Atlantic Ocean Swordfish, Albacore, Bigeye and Yellowfin Tuna (Longline) Seafood Watch Report

### Swordfish (Xiphias gladius)

**South Atlantic**

- **Fishery countries:** Brazil
- **Fishery Method:** Longlines
- **Certification:** Not certified or in a FIP

#### Environmental Notes
- There are risks to sea birds, sea turtles and sharks with this fishery.
- Bycatch is a significant risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

#### General Notes
- No additional notes

### Walleye (Sander vitreus)

- **Fishery Method:** Gillnets and entangling nets
- **Certification:** Certified

#### FishSource
- Managed

#### Seafood Watch
- Avoid

#### Good Fish Guide
- Think 4

#### Ocean Wise
- Not recommended

#### FishSource
- Well Managed

#### Seafood Watch
- Eco-Certification Recommended
Lake Erie western and central
Fishery countries:
Canada

Environmental Notes
- There are risks to PET species with this fishery, but there is insufficient data available to assess significance.
- There is a lack of information on bycatch in this fishery.
- Profile not yet complete.

General Notes
- No additional notes

Walleye
*Sander vitreus*
Lake Waterhen
Fishery countries:
Canada

Gillnets and entangling nets
Certified

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes

Warty swimming crab
*Portunus haanii*
Vietnam
Fishery countries:
Vietnam

Pots and traps
Not certified or in a FIP
Sustainability not rated

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes

White bass
Gillnets and entangling nets
Not certified or in a FIP
Sustainability not rated

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes
Morone chrysops
Lake Erie, Lake Winnipeg
Fishery countries: Canada

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes

White perch
Morone americana
Lake Erie
Fishery countries: Canada

Environmental Notes
- Gillnets and entangling nets
- Not certified or in a FIP
- Seafood Watch
  Good Alternative
- Ocean Wise
  Recommended

General Notes
- No additional notes

Whiteleg shrimp
Penaeus vannamei
Sinaloa-Nayarit
Fishery countries: Mexico

Environmental Notes
- Bottom trawl
- Not certified or in a FIP
- FishSource
  Needs Improvement
- Seafood Watch
  Avoid
- Ocean Wise
  Not recommended

General Notes
- No additional notes
Yellowfin sole

*Limanda aspera*

**Bering Sea and Aleutian Islands**

Fishery countries:
- U.S.

**Environmental Notes**
- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- Bottom trawls will directly impact on the sea bed.

**General Notes**

**References**

*MRAG Americas, 2015, MSC Public Certification Report for Bering Sea–Aleutian Islands Alaska Flatfish Fishery*

---

Yellowfin tuna

*Thunnus albacares*

**Atlantic**

Fishery countries:
- Brazil,
- Panama

**Environmental Notes**
- There is a risk to PET species with this fishery. Longlines present a hazard to turtles, seabirds and sharks but these risks can be reduced through proper management of fishing gear. Purse seines can accidentally catch sharks and turtles.
- There is bycatch for this fishery but the scale of the issue is not established.
- This fishery is unlikely to have a significant impact on the sea bed.

**General Notes**
- No additional notes.

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Yellowfin tuna

*Thunnus albacares*

**Western and Central Pacific Ocean**

Fishery countries:
- Vietnam

**Environmental Notes**
- Not certified or in a FIP

**General Notes**
- No additional notes.
Environmental Notes

- There are risks to turtles, seabirds and sharks, but these risks can be reduced through proper management of fishing gear.
- There is bycatch for this fishery but the scale of the issue is not established.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

References

Fishery Progress, Vietnam yellowfin tuna - longline/handline FIP

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<td>Handlines and pole-lines</td>
<td>Not certified or in a FIP</td>
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Environmental Notes

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

- No additional notes.

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Environmental Notes

- There are risks to turtles, seabirds and sharks, but these risks can be reduced through proper management of fishing gear.
- There is bycatch for this fishery but the scale of the issue is not established.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

- No additional notes.
Yellowfin tuna
*Thunnus albacares*

Western and Central Pacific Ocean - WCPFC

Fishery countries:
- Indonesia
- Micronesia

**Environmental Notes**

- This fishery is unlikely to impact protected, endangered and threatened (PET) species.
- Bycatch is considered low for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

**General Notes**

**References**

*Fishery Progress, Indonesia Banda Sea yellowfin tuna – handline*

**Fishery Progress, Federated States of Micronesia yellowfin and bigeye tuna – longline**

**Environmental Notes**

- There is a risk to PET species with this fishery. Longlines present a hazard to turtles, seabirds and sharks, but these risks can be reduced through proper management of fishing gear.
- Bycatch for this fishery includes billfish and other tuna species, and sharks.
- This fishery is unlikely to have a significant impact on the sea bed.

**General Notes**

**References**

*Fishery Progress, Federated States of Micronesia yellowfin and bigeye tuna – longline*
Western and Central Pacific Ocean – WCPFC

Fishery countries:
Marshall Islands, U.S.

Environmental Notes

- There are risks to seabirds, sea turtles and marine mammals with this fishery, but there are mitigation measures in place.
- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

- No additional notes

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2018

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