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 410 stores throughout Pennsylvania, Ohio, West Virginia, Maryland and Indiana.

<table>
<thead>
<tr>
<th>2018</th>
<th>Number of Fisheries Used</th>
<th>Number of Fisheries Well Managed</th>
<th>Number of Fisheries Managed</th>
<th>Number of Certified Fisheries</th>
<th>Number of Fisheries in a FIP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>89</td>
<td>34</td>
<td>15</td>
<td>40</td>
<td>10</td>
</tr>
</tbody>
</table>

Fishing Methods Used in Associated Fisheries

- Midwater trawl
- Bottom trawl
- Dredge
- Purse seine
- Lift nets
- Gillnets and entangling nets
- Hook and line
- Long line
- 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.giateagle.com/About/Supporting-Our-Environment/Sustainable-Seafood/

### Associated Fisheries

<table>
<thead>
<tr>
<th>Fishery Name and Location</th>
<th>Fishing Methods</th>
<th>Certification or FIP</th>
<th>Stock Status and Management</th>
<th>Notes</th>
</tr>
</thead>
</table>
| **Alaska pollock**
  **Theragra chalcogramma**
  Aleutian Islands, E
  Bering Sea, Gulf of Alaska |
  - Midwater trawl |
  - Certified |
  - Well managed |

Fishery countries:
Environmental Notes

- This fishery is unlikely to have direct impacts on PET species.
- Bycatch for this fishery is considered low and there are mitigation measures in place.
- 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.

---

American angler
Lophius americanus

US North Atlantic
North

Fishery countries:
US,

- Bottom trawl
- Not certified or in a FIP
- Well managed

---

Environmental Notes

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low, many species are retained.
- Bottom trawls will directly impact on the sea bed.

General Notes

- No additional notes

---

American lobster
Homarus americanus

Bay of Fundy

Fishery countries:
Canada

- Pots and traps
- Certified
- Well managed

---

Environmental Notes

- Profile not yet complete.

General Notes
<table>
<thead>
<tr>
<th><strong>American lobster</strong>&lt;br&gt; <em>Homoarus americanus</em></th>
<th>Pots and traps</th>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gulf of Maine and Georges Bank</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fishery countries:</strong>&lt;br&gt;U.S.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th><strong>American sea scallop</strong>&lt;br&gt; <em>Placopecten magellanicus</em></th>
<th>Dredge</th>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>US Atlantic</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fishery countries:</strong>&lt;br&gt;U.S.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Environmental Notes**
- There are risks to sea turtles with this fishery, but there are mitigation measures in place.
- Bycatch is a risk in this fishery.
- Dredges will directly impact on the sea bed.

**General Notes**
- No additional notes.

<table>
<thead>
<tr>
<th><strong>Antarctic toothfish</strong></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>
Dissostichus mawsoni

- Long line
- Certified
- Well managed

Fishery countries:
- New Zealand

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes

Argentine red shrimp
*Pleoticus muelleri*

- Bottom trawl
- FIP
- Managed

Patagonian:
- Argentina offshore

Fishery countries:
- Argentina

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

General Notes
- No additional notes.

Asian moon scallop
*Armusius pleuronectes*

- Bottom trawl
- Not certified or in a FIP
- Profile not yet complete

Gulf of Thailand

Fishery countries:
- Thailand
<table>
<thead>
<tr>
<th>Location</th>
<th>Method</th>
<th>Certification</th>
<th>Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlantic cod</td>
<td>Bottom trawl</td>
<td>Certified</td>
<td>Well managed</td>
</tr>
<tr>
<td>Barents Sea</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td>Russia</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Environmental Notes**
- There are potential risks to PET species with this fishery, but mitigation actions are underway.
- 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**
- No additional notes.

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<table>
<thead>
<tr>
<th>Location</th>
<th>Method</th>
<th>Certification</th>
<th>Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlantic cod</td>
<td>Bottom trawl</td>
<td>Not certified or in a FIP</td>
<td>Needs improvement</td>
</tr>
<tr>
<td>Gulf of Maine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td>U.S.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.
### 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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### 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.

---

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

### General Notes
- No additional notes.

<table>
<thead>
<tr>
<th>Atlantic surf clam</th>
<th>Dredge</th>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Spisula solidissima</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NW Atlantic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S.</td>
<td></td>
<td></td>
<td></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
- No additional notes.

<table>
<thead>
<tr>
<th>Black grouper</th>
<th>Long line</th>
<th>Not certified or in a FIP</th>
<th>Managed</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Mycteroperca bonaci</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Northern Gulf of Mexico</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td></td>
<td></td>
<td>U.S.</td>
</tr>
</tbody>
</table>

### Environmental Notes
- Profile not yet complete.

### General Notes

#### Other ratings
Seafood Watch categorises black grouper caught in the U.S. Gulf of Mexico and with bottom longlines is a "Good Alternative", with a score for Criterion 1: Target Species of 4.47 and a score for Criterion 3: Management of 3.00.

Ocean Wise categorises black grouper caught in USA – Gulf of Mexico with bottom longlines as "Not Recommended."
Caveat
The stock status and management rating for this fishery is based on a provisional assessment and is not derived from the FishSource profile.

References
FishChoice. Seafood Buying Guides: Black Grouper

<table>
<thead>
<tr>
<th>Blue crab</th>
<th>Purse seine</th>
<th>Not certified or in a FIP</th>
<th>Needs improvement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Callinectes sapidus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mexico Gulf of Mexico</td>
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<td></td>
<td></td>
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<tr>
<td>Fishery countries:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Mexico</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Environmental Notes
- Profile not yet complete.

General Notes

Other ratings
Seafood Watch categorises blue crab caught in Mexico’s Gulf of Mexico with crab rings as a “Good Alternative”, with a score for Criterion 1: Target Species of 2.64 and a score for Criterion 3: Management of 3.00.

Ocean Wise categorises blue crab caught in Mexico’s Gulf of Mexico with crab rings as “Recommended.”

Caveat
The stock status and management rating for this fishery is based on a provisional assessment and is not derived from the FishSource profile.

References
Seafood Watch, 2018. Mexico Campeche Blue Crab Seafood Watch Report
FishChoice. Seafood Buying Guides: Blue Crab

<table>
<thead>
<tr>
<th>Blue king crab</th>
<th>Pots and traps</th>
<th>FIP</th>
<th>Profile not yet complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paralithodes platypus</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Blue squat lobster
*Corvimunida johni*

- **Fishery countries:** Chile

<table>
<thead>
<tr>
<th>Method</th>
<th>Certification Status</th>
<th>Management Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottom trawl</td>
<td>Certified</td>
<td>Well managed</td>
</tr>
</tbody>
</table>

### Environmental Notes
- Profile not yet complete.

### General Notes
- No additional notes.

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### Chum salmon
*Oncorhynchus keta*

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

<table>
<thead>
<tr>
<th>Method</th>
<th>Certification Status</th>
<th>Management Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gillnets and entangling nets</td>
<td>Certified</td>
<td>Well managed</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]
### Coho salmon
*Oncorhynchus kisutch*

**Alaska – Bristol Bay**

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

- Gillnets and entangling nets

- **Certified**

- **Well managed**

**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**

### Cuttlefishes nei
*Sepia pharaonis*

**Eastern Gulf of California**

**Fishery countries:**
- Mexico

- Lift nets

- **FIP**

- **Needs improvement**

**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**

**References**
Fishery Progress. Gulf of California swimming crab - pot/trap/ring net

### Cuttlefishes nei
*Sepia pharaonis*

**Bottom trawl**

- **Not certified or**

- **Profile not yet**
<table>
<thead>
<tr>
<th>Fishery countries:</th>
<th>Bottom trawl</th>
<th>in a FIP</th>
<th>complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thailand</td>
<td></td>
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</tbody>
</table>

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

**General Notes**
- No additional notes.

<table>
<thead>
<tr>
<th>Fishery countries:</th>
<th>Bottom trawl</th>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

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

**General Notes**
- No additional notes.

<table>
<thead>
<tr>
<th>Fishery countries:</th>
<th>Pots and traps</th>
<th>Some product from FIP fisheries</th>
<th>Needs improvement</th>
</tr>
</thead>
<tbody>
<tr>
<td>N Sea of Okhotsk, South Kurils, Western Kamchatka</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

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

**General Notes**
Other ratings

Seafood Watch categorises golden king crab caught in Russia on the "Avoid" list, with a score for Criterion 3: Management of 0.00.

Ocean Wise categorises golden king crab caught in Russia - Sea of Okhotsk with pots/traps as "Not Recommended."

Caveat

The stock status and management rating for this fishery is based on a provisional assessment and is not derived from the FishSource profile.

References

Seafood Watch. 2015. Russian Far East Commercially Important Crabs Report

FishChoice. Seafood Buying Guides: Golden King Crab

Crab Catchers Association. Russian Far East Crab FIP

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**Golden king crab**
*Lithodes aequispinus*

- **East Sakhalin**
- **Fishery countries:** Russia

<table>
<thead>
<tr>
<th>Pots and traps</th>
<th>Not certified or in a FIP</th>
<th>Profile not yet complete</th>
</tr>
</thead>
</table>

---

**Environmental Notes**

- Profile not yet complete.

**General Notes**

**Other ratings**

Seafood Watch categorises golden king crab caught in Russia on the "Avoid" list, with a score for Criterion 3: Management of 0.00.

Ocean Wise categorises golden king crab caught in Russia - Sea of Okhotsk with pots/traps as "Not Recommended."

**Caveat**

The stock status and management rating for this fishery is based on a provisional assessment and is not derived from the FishSource profile.

**References**

Seafood Watch. 2015. Russian Far East Commercially Important Crabs Report

FishChoice. Seafood Buying Guides: Golden King Crab

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**Haddock**

- **Bottom trawl**

---
### 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.
- The impact depends on the gear type. Bottom trawls will directly impact the sea bed. However, management measures are in place.

### General Notes
- No additional notes.

### Haddock

<table>
<thead>
<tr>
<th>Fishery countries:</th>
<th>Bottom trawl</th>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Icelandic</td>
<td></td>
<td></td>
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</tbody>
</table>

### 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. Measures to protect vulnerable habitats such as cold water coral reefs are in place.

### General Notes
- No additional notes.

### Hard clams nei

<table>
<thead>
<tr>
<th>Fishery countries:</th>
<th>Rake / hand gathered / hand netted</th>
<th>Not certified or in a FIP</th>
<th>Profile not yet complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thailand</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.

---

**Jumbo flying squid**
*Dosidicus gigas*

**SE Pacific**

**Fishery countries:**
- Peru

<table>
<thead>
<tr>
<th>Hook and line</th>
<th>Not certified or in a FIP</th>
<th>Managed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Environmental Notes**
- Profile not yet complete.
- Bycatch in 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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**Mahi-mahi**
*Coryphaena hippurus*

**Western and Central Pacific**

**Fishery countries:**
- Taiwan

<table>
<thead>
<tr>
<th>Long line</th>
<th>Not certified or in a FIP</th>
<th>Needs improvement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

**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**

**Other ratings**

Seafood Watch categorizes mahi-mahi caught by Taiwan in the Western and Central Pacific with drifting longlines as on the “Avoid” list, with a score for Criterion 1: Target Species of 2.64 and a score for Criterion 3: Management of 1.00.

**Caveat**
The stock status and management rating for this fishery is based on a provisional assessment and is not derived from the FishSource profile.

### References

Seafood Watch, 2018, Taiwan Dolphinfish (Mahi Mahi) Seafood Watch Report

| Mitre squid  
| Loligo chinensis  
| Thailand Gulf of Thailand  
| Fishery countries: Thailand  
| Bottom trawl  
| Not certified or in a FIP  
| Needs improvement  

### Environmental Notes

- Profile not yet complete.

### General Notes

#### Other ratings

Seafood Watch categorises mitre squid caught in Thailand with otter trawls on the 'Avoid' list, with a score for Criterion 1: Target Species of 2.64 and Criterion 3: Management of 1.41.

#### Caveat

The stock status and management rating for this fishery is based on a provisional assessment and is not derived from the FishSource profile.

### References

Seafood Watch, 2013, China, India and Thailand Indian and Mitre Squid Seafood Watch Report

| Northern brown shrimp  
| Penaeus aztecs  
| Northern Gulf of Mexico – Mississippi  
| Fishery countries: U.S.  
| Bottom trawl  
| FIP  
| Well managed  

### 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 the sea bed.

**General Notes**

**References**

[Audubon G.U.L.F. Mississippi Shrimp FIP](https://www.audubongulf.org/)

<table>
<thead>
<tr>
<th>Northern quahog</th>
<th>DM</th>
<th>Not certified or in a FIP</th>
<th>Needs improvement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mercenaria mercenaria</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>US NW Atlantic Coast</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td>U.S.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Dredge
- Rake / hand gathered / hand netted

**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**

**Other ratings**

Seafood Watch categorizes northern quahog clams caught in Massachusetts, New York, North Carolina and Rhode Island with rakes are a "Best Choice," with a score for Criterion 1: Target Species of 2.64 and a score for Criterion 3: Management of 3.00.

**Caveat**

The stock status and management rating for this fishery is based on a provisional assessment and is not derived from the FishSource profile.

**References**

[Seafood Watch, 2015, U.S. Atlantic Surf, Northern Quahog, Ocean Quahog and Softshell Clam Seafood Watch Report](https://www.audubongulf.org/)

<table>
<thead>
<tr>
<th>Northern red snapper</th>
<th>DM</th>
<th>Not certified or in a FIP</th>
<th>Needs improvement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lutjanus campechanus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Northern Gulf of Mexico</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td>U.S.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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

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Northern white shrimp

*Penaeus setiferus*

Northern Gulf of Mexico – Louisiana

Fishery countries:

- U.S.

- Bottom trawl
- FIP
- Well managed

---

Environmental Notes

- There is potential for turtle interactions with this fishery, but excluder devices are fitted to nets for protection.
- Bycatch is a significant risk for this fishery.
- Bottom trawls will directly impact on the sea bed.

General Notes

References

*Fishery Progress* *Louisiana shrimp – otter/skimmer trawl* FIP

---

Octopus*

*Octopus* spp.

Thai waters

Fishery countries:

- Thailand

- Pots and traps
- Not certified or in a FIP
- Profile not yet complete

---

Environmental Notes

- Profile not yet complete.

General Notes

- No additional notes
### Orange roughy
*Hoplostethus atlanticus*

- **Fishery:** Bottom trawl
- **Certification:** Certified
- **Management:** Well managed

**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.

### Pacific cod
*Gadus macrocephalus*

- **Fishery:** Hook and line
- **Certification:** Certified
- **Management:** Well managed

**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*

- **Fishery:** Bottom trawl
- **Certification:** Certified
- **Management:** Well managed

- **Fishery:** Long line
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.
- The impact depends on the gear type. Bottom trawls will have the greatest impact on the sea bed.

General Notes

- No additional notes.

Pacific cod  
_Gadus macrocephalus_

**Gulf of Alaska**

Fishery countries:  
U.S.

- Bottom trawl
- Hook and line  

<table>
<thead>
<tr>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.
- Bottom trawls will directly impact on the sea bed. However, management measures are in place.

General Notes

- No additional notes

Pacific cod  
_Gadus macrocephalus_

**W Bering Sea**

Fishery countries:  
Russia

- Long line  

<table>
<thead>
<tr>
<th>FIP</th>
<th>Needs improvement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

Environmental Notes

- There are risks to seabirds with this fishery.
- Bycatch is a significant risk for this fishery. This fish is caught as bycatch in other fisheries.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

Other ratings
Seafold Watch categorises pacific cod caught in the Russian Federation with longlines as a "Avoid", with a score for Criterion 1: Target Species of 3.05 and a score for Criterion 3: Management of 1.73.

The Marine Conservation Society categorises the Russia West Bering Sea, East Kamchatka & Karaginsky fisheries for Pacific cod caught with longlines as "Rating 3 (yellow)".

**Caveat**

The stock status and management rating for this fishery is based on a provisional assessment and is not derived from the FishSource profile.

**References**

Longline Fishery Association, Fishery Improvement Project

MCS's Good Fish Guide – Cod, Pacific Cod

Seafood Watch. 2014, Russian Federation Pacific Cod Seafood Watch Report

<table>
<thead>
<tr>
<th>Pacific halibut</th>
<th>Long line</th>
<th>Not certified or in a FIP</th>
<th>Well managed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hippoglossus stenotopis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NE Pacific – Alaska</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td>U.S.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Pacific ocean perch</th>
<th>Bottom trawl</th>
<th>Not certified or in a FIP</th>
<th>Well managed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sebastes altus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bering Sea and Aleutian Islands</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td>U.S.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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

| Patagonian toothfish  
* Dissostichus eleginoides |
|-------------------------|
| **Fishery countries:**  
New Zealand |
| **Method:**  
Long line |
| **Certification:**  
Certified |
| **Management:**  
Well managed |

**Environmental Notes**

- Profile not yet complete.

**General Notes**

- No additional notes

| Patagonian toothfish  
* Dissostichus eleginoides |
|-------------------------|
| **Fishery countries:**  
Chile - Chilean - Chile  
South 47°S |
| **Method:**  
Long line |
| **Certification:**  
Not certified or in a FIP |
| **Management:**  
Needs improvement |

**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*

- Purse seine

<table>
<thead>
<tr>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
</table>

**Alaska - Prince William Sound, Southeast 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*

- Pots and traps

<table>
<thead>
<tr>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
</table>

**Alaska**

**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**

- This fishery is certified through the Alaska Responsible Fisheries Management (RFM) Program.

**References**

[Alaska Seafood Marketing Institute, RFM Certification: Alaska Crab](#)
<table>
<thead>
<tr>
<th>Queen crab</th>
<th>Pots and traps</th>
<th>FIP</th>
<th>Needs improvement</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Chionoecetes opilio</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Northern Sea of Okhotsk</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries: Russia</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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**

**Other ratings**

Seafood Watch categorises snow crab caught in Russia is on the "Avoid" list, with a score Criterion 3: Management of 0.00.

Ocean Wise categorises snow crab caught in Russia – Sea of Okhotsk with pot/trap as "Not Recommended."

**Caveat**

The stock status and management rating for this fishery is based on a provisional assessment and is not derived from the FishSource profile.

**References**

- [Crab Catchers Association, Russian Far East Crab FIP](#)
- [FishChoice, Seafood Buying Guides: Snow Crab](#)
- [Seafood Watch, 2015, Russian Far East Commercially Important Crabs Report](#)

<table>
<thead>
<tr>
<th>Queen crab</th>
<th>Pots and traps</th>
<th>Not certified or in a FIP</th>
<th>Managed</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Chionoecetes opilio</em></td>
<td></td>
<td>Not certified or in a FIP</td>
<td></td>
</tr>
<tr>
<td>NW Atlantic – Estuary and N Gulf of St Lawrence</td>
<td></td>
<td>Not certified or in a FIP</td>
<td>Managed</td>
</tr>
<tr>
<td>Fishery countries: Canada</td>
<td></td>
<td>Not certified or in a FIP</td>
<td>Managed</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**
<table>
<thead>
<tr>
<th><strong>Queen crab</strong></th>
<th><strong>Chionoecetes opilio</strong></th>
<th>NW Atlantic – Newfoundland and Labrador</th>
<th>Fishery countries: Canada</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Pots and traps</td>
<td>Certified</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**
- No additional notes

<table>
<thead>
<tr>
<th><strong>Queen scallop</strong></th>
<th><strong>Aequipecten opercularis</strong></th>
<th>Faroese waters</th>
<th>Fishery countries: Faroe Islands</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Dredge</td>
<td>Certified</td>
</tr>
</tbody>
</table>

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

**General Notes**
- No additional notes

<table>
<thead>
<tr>
<th><strong>Rainbow smelt</strong></th>
<th><strong>Osmerus mordax</strong></th>
<th>Lake Erie</th>
<th>Fishery countries:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Midwater trawl</td>
<td>Not certified or in a FIP</td>
<td>Profile not yet complete</td>
</tr>
</tbody>
</table>

**Environmental Notes**

**General Notes**
- No additional notes
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.
- Profile not yet complete.

General Notes

- No additional notes.

Red king crab
Paralithodes camtschaticus

Barents Sea

Fishery countries:
Russia

- Pots and traps
- Not certified or in a FIP
- Profile not yet complete

Environmental Notes

- This fishery is unlikely to impact PET species.
- Profile not yet complete.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

- No additional notes.

Red king crab
Paralithodes camtschaticus

Bristol Bay

Fishery countries:
U.S.

- Pots and traps
- Certified
- Well managed

Environmental Notes

- This fishery is unlikely to impact PET species.
- There is some bycatch of other crabs with this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes
- This fishery is certified through the Alaska Responsible Fisheries Management (RFM) Program.

**References**

*Alaska Seafood Marketing Institute, RFM Certification: Alaska Crab*

### Red snow crab

**Chionoecetes japonicus**

**Sea of Japan**

**Fishery countries:**

- Russia

<table>
<thead>
<tr>
<th>Pots and traps</th>
<th>Not certified or in a FIP</th>
<th>Profile not yet complete</th>
</tr>
</thead>
</table>

### Environmental Notes

- Profile not yet complete.

### General Notes

- No additional notes

### Sockeye salmon

**Oncorhynchus nerka**

**Alaska - Bristol Bay, Prince William Sound**

**Fishery countries:**

- U.S.

<table>
<thead>
<tr>
<th>Gillnets and entangling nets</th>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
</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 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*
<table>
<thead>
<tr>
<th>Sockeye salmon</th>
<th>Purse seine</th>
<th>Gillnets and entangling nets</th>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alaska – Cook Inlet</td>
<td>Fishery countries: U.S.</td>
<td></td>
<td></td>
<td></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 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

<table>
<thead>
<tr>
<th>Sockeye salmon</th>
<th>Gillnets and entangling nets</th>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
<tbody>
<tr>
<td>British Columbia – Fraser River</td>
<td>Fishery countries: Canada</td>
<td></td>
<td></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 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**
Accoura Marine, 2017, MSC Public Certification Report for the British Columbia Salmon Fishery

<table>
<thead>
<tr>
<th>South Pacific</th>
<th></th>
<th>Not certified</th>
<th>Need for data</th>
</tr>
</thead>
</table>

**South Pacific**
### Hake

**Merluccius gayi gayi**  
**Chilean**  
**Fishery countries:** Chile  

<table>
<thead>
<tr>
<th>Category</th>
<th>Method</th>
<th>Certification Status</th>
<th>Profile Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Midwater trawl</td>
<td>Not certified or in a FIP</td>
<td>Needs improvement</td>
</tr>
</tbody>
</table>

**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

### Southern Flounder

**Paralichthys lethostigma**  
**Western Central Atlantic**  
**Fishery countries:** U.S.

<table>
<thead>
<tr>
<th>Category</th>
<th>Method</th>
<th>Certification Status</th>
<th>Profile Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bottom trawl</td>
<td>Not certified or in a FIP</td>
<td>Profile not yet complete</td>
</tr>
</tbody>
</table>

**Environmental Notes**

- Profile not yet complete.

**General Notes**

- No additional notes

### Swordfish

**Xiphias gladius**  
**Indian Ocean**  
**Fishery countries:** Seychelles

<table>
<thead>
<tr>
<th>Category</th>
<th>Method</th>
<th>Certification Status</th>
<th>Profile Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Long line</td>
<td>Not certified or in a FIP</td>
<td>Profile not yet complete</td>
</tr>
</tbody>
</table>

**Environmental Notes**

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

### Swordfish
- **Species:** *Xiphias gladius*
- **Fishery:** Long line
- **Certification:** Not certified or in a FIP
- **Status:** Needs improvement
- **Fishery countries:** Ecuador

### 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.

### Warty swimming crab
- **Species:** *Portunus haanii*
- **Fishery:** Pots and traps
- **Certification:** Not certified or in a FIP
- **Status:** Profile not yet complete
- **Fishery countries:** Vietnam

### Environmental Notes
- Profile not yet complete.

### General Notes
- No additional notes.

### Whiteleg shrimp
- **Species:** *Penaeus vannamei*
- **Fishery:** Bottom trawl
- **Certification:** FIP
- **Status:** Managed
- **Fishery regions:** Sinaloa-Nayarit
### Environmental Notes

- There are risks to seabirds, sea turtles and marine mammals with this fishery.
- 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

- No additional notes

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**Yellowfin sole**

*Limanda aspera*

- Bottom trawl

**Certified**

**Well managed**

---

### 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

**Caveat**

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

### References

[MRAG Americas, 2015. MSC Public Certification Report for Bering Sea-Alutian Islands Alaska Flatfish Fishery](#)

---

**Yellowfin tuna**

*Thunnus albacares*

- Long line

**Not certified or in a FIP**

**Managed**

---
• 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.
• 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.

### 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.
• 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.
### 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.
### 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 is a risk for this fishery.
- 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*

---

### Environmental Notes
- There are risks to seabirds, sea turtles and marine mammals 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

### References

*Fishery Progress, Hawaii tuna and large pelagics - longline FIP*