

1. DATA AND INFORMATION TYPES**A. Provide a contextual description of the data stream.**

The Alaska Department of Fish and Game (ADF&G) manages approximately 750 active fisheries, 26 game management units, and 32 special areas. In these maps, a small subset of the ADF&G salmon fishing information is represented. The Statistical Areas used for the analysis of salmon commercial fishing by ADF&G are shown. Additionally, shown is a time series of salmon (all species) commercial harvest from 1985 to 2015 within Cook Inlet districts 244, 245, and 246.

Website URL:

<http://portal.aos.org/cibw#module-metadata/7b7d38d8-8d04-4fcf-97f4-8dbb333761d1/da27f8d2-8f33-4f9f-a11c-0877af9e1208>

B. How many station locations are there for this data stream?

N/A

C. What are the specific parameters of the data.

The parameters include the location of statistical areas used by ADF&G, and commercial salmon harvest numbers as collected by the State of Alaska in Cook Inlet Districts 244-247.

D. Provide information about the sampling platform or instrumentation.

N/A

2. DATA PATHWAY**A. Is a data sharing agreement required?**

Data were made public through an agreement between the Alaska Department of Fish and Game and AOOS.

B. In which format(s) were data received by AOOS?

Data were received as shapefiles and XLSX files from the originator.

C. How can the information be accessed?

The data are available through the AOOS data portal, where it can be downloaded or explored through interactive visualizations. Specifically the data are available from three unique access points:

- Web Mapping Service (WMS)
- Web Feature Service (WFS)
- File Downloads (PNG, Shapefile, CSV)

D. What file formats will be used for sharing data, if different from original?

Data are shared as CSV and Shapefiles. Data are also available for exploration in the AOOS portals via interactive, graphical visualizations.

E. Describe how the data are ingested(e.g. the flow of data from source to AOOS data portals) and any transformations or modifications made to share data in the AOOS data portal.

Original XLSX files were provided to AOOS by ADF&G who collects the data from voluntarily-submitted (but required) fish tickets. Data were imported to PostgreSQL and visualized with custom JSON REST service (JAVA).

F. What metadata or contextual information is provided with the data?

Data are shared in the AOOS portals with descriptive narratives describing the data and linking back to the originator's site. Metadata and usage notes were added by ADF&G.

G. Are there ethical restrictions to data sharing?

No

a. If so, how will these be resolved?

N/A

H. Who holds intellectual property rights (IPR) to the data?

Alaska Department of Fish and Game

I. Describe any effect of IPR on data access.

None

3. DATA SOURCE AND QUALITY CONTROL

A. Indicate the data source type (i.e. Federal, Non-Federal, University, State Agency, Local Municipality, Military Establishment (branch), private industry, NGO, non-Profit, Citizen Science, Private individual)

State agency

a. If Federal data source, were changes applied to the data?

No

b. If Yes, describe any changes to the data that require documentation?

N/A

B. Indicate the data reporting type (e.g. real-time, historical).

Historical

C. If real-time, list the QARTOD procedures that are currently applied.

Not required

D. If real-time, list the QARTOD procedures that are planned for implementation.

N/A

E. What is the status of the reported data? (e.g. raw, some QC, incomplete, delayed mode processed but not QC'd)

QC by originator

F. Describe the data control procedures that were applied by the originator.

QC specific to biological fish counts is applied by ADF&G. Contact the data provider for availability of QC information.

a. Provide a link to any documented procedures.

N/A

G. Describe the data control procedures that were applied by AOOS.

No applied AOOS QC. This is a synthesis product made from existing data sources.

a. Provide a link to any documented procedures.

N/A

H. List the procedures taken for data that could not be QC'd as directed.

N/A

4. STEWARDSHIP AND PRESERVATION POLICIES

A. Who is responsible for long-term data archiving?

Data are aggregated for visualization and exploration with other layers in the AOOS data portal. AOOS stores the real-time and historical data internally using the AOOS data servers. AOOS will facilitate data archival with NCEI. Currently, these data are not of interest to NCEI.

B. Which long-term data storage facility will be used for preservation?

N/A

C. Describe any transformation necessary for data preservation.

N/A

D. List the metadata or other documentation that will be archived with the data.

N/A