

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

Socioeconomic survey results and analysis including population, education, and employment information for 35 Arctic Alaskan villages. These data were compiled by the Institute of Social and Economic Research (ISER), University of Alaska, Anchorage from a variety of sources including the Alaska Department of Labor and Workforce Development, Research and Analysis Section, Alaska Geographic Differential Study, ADF&G Subsistence Division, the American Community Survey (ACS), Arctic Observation Network (AON) Social Indicator Database, and the U.S. Census.

Website URL:

<http://portal.aos.org/#module-metadata/f55d3ecc-aa4e-11e3-925c-00219bfe5678/a5b585ce-a9c1-11e3-9cd3-00219bfe5678>

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 human population size, total and by race (self-identified) over time; employment by place of residence; income; education; living cost; fuel price; language; subsistence harvest by species; commercial fishing activity; and tax revenue.

D. Provide information about the sampling platform or instrumentation.

Platforms include various existing socioeconomic sources including, US census data, labor and workforce development, American Community, Alaska Commercial Fisheries Entry Commission, Alaska Dept of Fish and Game Community Subsistence Information System, and the Alaska Taxable Database.

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

Data are available publically.

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

Data were received as XLS files from the originator.

C. How can the information be accessed?

The data are available through the AOOS data portal, where it can be viewed using interactive visualizations. Data files are not available for download.

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

Data are available as graphic visualization in the portal. Data files are unable to be downloaded by users.

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.

Excel spreadsheet workbooks were imported to PostgreSQL and combined into a master table to enable dynamic query functionality of data in the portal. A custom Play service was written to feed query results as JSON to the data portal for visualization.

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.

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?

These data were compiled by the Institute of Social and Economic Research (ISER), University of Alaska, Anchorage from a variety of sources including the Alaska Department of Labor and Workforce Development, Research and Analysis Section, Alaska Geographic Differential Study, ADF&G Subsistence Division, the American Community Survey (ACS), Arctic Observation Network (AON) Social Indicator Database, and the U.S. Census.

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)

University

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

N/A

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.

None 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.

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.

No plan for archiving this data stream.

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