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## **Alaska Energy Statistics Table 2.1a - Certified Utilities Installed Capacity by Prime Mover by Plant (kW)**

Information about nameplate installed capacity (kW) by prime mover for certified utilities in Alaska at the plant/community level. For more information, see [Alaska Energy Statistics 1960-2011 Final Report \(PDF\)](#) *Dataset revised May 5, 2014: Updated to Alaska Energy Statistics CY 2011 Final data*

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## **Alaska Energy Statistics Table 2.2a - Certified Utilities Net Generation and Total Disposition (MWh)**

Information about electricity disposition by utility/community in Alaska. For more information, see [Alaska Energy Statistics 1960-2011 Final Report \(PDF\)](#) *Dataset revised May 5, 2014: Updated to Alaska Energy Statistics CY 2011 Final data*

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## **Alaska Energy Statistics Table 2.3a - Certified Utilities Net Generation by Prime Mover (MWh)**

Information about gross and electric net generation, and station service consumption of certified electric utilities in Alaska; data at plant and community level. For more information, see [Alaska Energy Statistics 1960-2011 Final Report \(PDF\)](#) *Dataset revised May 5, 2014: Updated to Alaska Energy Statistics CY 2011 Final data*

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## **Alaska Energy Statistics Table 2.3b - Certified Utilities Net Generation by Fuel Type (MWh)**

Information about electric net generation by fuel source and fuel use of certified utilities in Alaska; data at plant and community level. For more information, see [Alaska Energy Statistics 1960-2011 Final Report \(PDF\)](#) Dataset revised May 5, 2014: Updated to Alaska Energy Statistics CY 2011 Final data

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## **Alaska Energy Statistics Table 2.3c - Certified Utilities Net Generation, Fuel Use, Fuel Cost and Efficiency**

Information about electric net generation by prime mover and fuel source, as well as fuel cost and production efficiency; data at plant and community level. For more information, see [Alaska Energy Statistics 1960-2011 Final Report \(PDF\)](#) Dataset revised May 5, 2014: Updated to Alaska Energy Statistics CY 2011 Final data

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## **Alaska Energy Statistics Table 2.4a - Certified Utilities Net Generation, Fuel Type, Emissions, Efficiency**

Information about electric net generation by prime mover and fuel source, as well as CO2 emission form electricity generation, efficiency fuel and fuel use; at the plant and community level. For more information, see [Alaska Energy Statistics 1960-2011 Final Report \(PDF\)](#) Dataset revised May 5, 2014: Updated to Alaska Energy Statistics CY 2011 Final data

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## **Alaska Energy Statistics Table 2.5a - Certified Utilities Revenue, Sales and Customers by Customer Type (\$000, MWh, Accounts)**

Information about electricity sales, revenue and customers by customer type for Alaska certified utilities; data at utility and community level. For more information, see [Alaska Energy Statistics 1960-2011 Final Report \(PDF\)](#) Dataset revised May 5, 2014: Updated to Alaska Energy Statistics CY 2011 Final data

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## **Alaska Energy Statistics Table 2.5b - Average Annual Energy Use and Rates by Customer Type (kWh/Customer, \$/Customer, \$/kWh)**

Information about electricity use, revenue per customer and electricity rates by customer type for Alaska certified utilities; data at utility and community level. For more information, see [Alaska Energy Statistics 1960-2011 Final Report \(PDF\)](#) Dataset revised May 5, 2014: Updated to Alaska Energy Statistics CY 2011 Final data

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## **Alaska Energy Statistics Table 2.5c - Average Residential Rates and PCE Payments (\$/kWh)**

Information about residential rates and PCE reimbursement rates for Alaska certified utilities; data at utility and community level. For more information, see [Alaska Energy Statistics 1960-2011 Final Report \(PDF\)](#) Dataset revised May 5, 2014: Updated to Alaska Energy Statistics CY 2011 Final data

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### **Alaska Energy Statistics Table 3.1 - Installed Capacity by Prime Mover by Certified Utilities in Alaska (kW, %), 1962-2011**

Information about installed capacity by prime mover by certified utilities in Alaska, 1962-2011 For more information, see [Alaska Energy Statistics 1960-2011 Final Report \(PDF\)](#) Dataset revised May 5, 2014: Updated to Alaska Energy Statistics CY 2011 Final data

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### **Alaska Energy Statistics Table 3.3 - Alaska Certified Utility Net Generation by Fuel Type (GWh), 1962-2011**

Information about statewide net generation by fuel type from 1962 to 2011 For more information, see [Alaska Energy Statistics 1960-2011 Final Report \(PDF\)](#) Dataset revised May 5, 2014: Updated to Alaska Energy Statistics CY 2011 Final data

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### **Alaska Energy Statistics Table 3.4 - Alaska Certified Utility Net Generation by Region (MWh), 1962-2011**

Information about statewide net generation by region from 1962 to 2011 For more information, see [Alaska Energy Statistics 1960-2011 Final Report \(PDF\)](#) Dataset revised May 5, 2014: Updated to Alaska Energy Statistics CY 2011 Final data

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### **Alaska Energy Statistics Table 3.5 - Alaska Certified Utility Sales, Revenue, and Customers by Customer Type (MWh, \$000, Accounts), 1962-2011**

Information about statewide electricity sales, revenue and customers by customer type from 1962 to 2011 For more information, see [Alaska Energy Statistics 1960-2011 Final Report \(PDF\)](#) Dataset revised May 5, 2014: Updated to Alaska Energy Statistics CY 2011 Final data

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### **Alaska Energy Statistics Table 3.6 - Alaska Certified Utility Average Annual Energy Use and Rates by Customer Type (kWh/Customer, \$/Customer, \$/kWh), 1962-2011**

Information about statewide customer energy use, revenue per customer and electricity rates by customer type form 1962 to 2011. For more information, see [Alaska Energy Statistics 1960-2011 Final Report \(PDF\)](#) Dataset revised May 5, 2014: Updated to Alaska Energy Statistics CY 2011 Final data

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## **Alaska Fuel Price Projections: Community-Level**

The Institute of Social and Economic Research publishes an Alaska Fuel Price Projection once a year. These data series project annual fuel prices for 20 years in the future. The calculations are based on the Energy Information Administration's Annual Energy Outlook publication in combination with data from the Power Cost Equalization (PCE) Program to project prices for diesel fuel for each community participating in the Alaska PCE. Prices in urban communities are also projected. This dataset contains community-level fuel price projections. *Dataset revised Feb 7, 2014: Galena projection revised*

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## **Alaska Fuel Price Projections: State-Level**

The Institute of Social and Economic Research publishes an Alaska Fuel Price Projection once a year. These data series project annual fuel prices for 20 years in the future. The calculations are based on the Energy Information Administration's Annual Energy Outlook publication in combination with data from the Power Cost Equalization (PCE) Program to project prices for diesel fuel for each community participating in the Alaska PCE. Prices in urban communities are also projected. This dataset contains state-level fuel price projections.

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## **Annual Single Age Total Resident Population for the Entire State of Alaska**

The dataset contains total single age population by gender for the entire state of Alaska from 1990 to 2012 from the U.S. Census.

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## **Community**

Basic community information such as community name, latitude, longitude, geographic codes, and the various regions that include each community.

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## **Decennial Census Population by Age Brackets and by Borough/Census Area**

This dataset contains 2000 and 2010 decennial U.S. Census data by Borough or Census Area for total population by five-year age brackets for male and female.

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## **Decennial Census Population by Age Brackets and by Community**

This dataset contains 2000 and 2010 decennial U.S. Census data by community for total population by five-year age brackets for male and female.

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## **Decennial Census Population by Community**

This dataset contains 1990, 2000, and 2010 decennial U.S. Census data for total population and population by race for Alaska communities.

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## **Electric Power Plants**

An electric power plant is a facility containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or fission energy into electric energy. This dataset contains a list of all known plants in Alaska and is compiled as part of ISER's Alaska Energy Statistics publication. Each plant is operated by a particular utility and serves one or more communities.

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## **Employment Summary Data by Borough/Census Area and Year**

Borough/Census area-level annual summary data from Alaska Department of Labor and Workforce Development, Alaska Local and Regional Information (ALARI) – [ALARI web site](#)

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## **Employment Summary Data by Community and Year**

Community-level annual summary data from Alaska Department of Labor and Workforce Development, Alaska Local and Regional Information (ALARI) – [ALARI web site](#)

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## **Employment Summary Data by Economic Region and Year**

Economic-region-level annual summary data from Alaska Department of Labor and Workforce Development, Alaska Local and Regional Information (ALARI) – [ALARI web site](#)

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## **Employment Summary Data by Year: State-level**

State-level annual summary data from Alaska Department of Labor and Workforce Development, Alaska Local and Regional Information (ALARI) – [ALARI web site](#)

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## **Employment by Industry and Year: State-level**

State-level annual industry data from Alaska Department of Labor and Workforce Development, Alaska Local and Regional Information (ALARI) – [ALARI web site](#)

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## **Employment by Industry, Borough/Census Area, and Year**

Borough/Census area-level annual industry data from Alaska Department of Labor and Workforce Development, Alaska Local and Regional Information (ALARI) – [ALARI web site](#)

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## **Employment by Industry, Community, and Year**

Community-level annual industry data from Alaska Department of Labor and Workforce Development, Alaska Local and Regional Information (ALARI) – [ALARI web site](#)

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## **Employment by Industry, Economic Region, and Year**

Economic-region-level annual industry data from Alaska Department of Labor and Workforce Development, Alaska Local and Regional Information (ALARI) – [ALARI web site](#)

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## **Employment by Occupation and Year: State-level**

State-level annual occupation data from Alaska Department of Labor and Workforce Development, Alaska Local and Regional Information (ALARI) – [ALARI web site](#)

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## **Employment by Occupation, Borough/Census Area, and Year**

Borough/Census area-level annual occupation data from Alaska Department of Labor and Workforce Development, Alaska Local and Regional Information (ALARI) – [ALARI web site](#)

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## **Employment by Occupation, Community, and Year**

Community-level annual occupation data from Alaska Department of Labor and Workforce Development, Alaska Local and Regional Information (ALARI) – [ALARI web site](#)

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## **Employment by Occupation, Economic Region, and Year**

Economic-region-level annual occupation data from Alaska Department of Labor and Workforce Development, Alaska Local and Regional Information (ALARI) – [ALARI web site](#)

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## **Energy Prices from UAF Cooperative Extension Service Food Cost Survey**

The University of Alaska Cooperative Extension Service conducts a quarterly Food Cost Survey. The surveys are conducted during the second week of March, June, September and December. Each quarter about two dozen communities are surveyed; although the communities surveyed may slightly change each quarter. In addition, price data for electricity, heating oil, gasoline and propane are collected. The survey data is publicly available. The data available in the AEDG is a subset of the CES FCS data that includes only fuel prices. Details regarding the survey methodology for fuel prices are discussed in the working paper [Utility Prices: The Alaska Food Cost Survey \(PDF\)](#) authored by Bret Luick, Food and Nutrition Specialist and Joshua Greenberg, Associate Professor of Resource Economics. For additional information or questions please refer to the [UAF CES FCS website](#).

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## **Erosion Risk by Community**

This dataset contains community erosion risk assessments by the U.S. Army Corps of Engineers, Alaska District from the report [Study Findings and Technical Report: Alaska Baseline Erosion Assessment. March 2009](#). A list of supplemental communities that are in the report but not present in the U.S. Census. 2010 is provided in the document [Erosion - Supplemental Communities](#).

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## **Fuel Price Survey Data**

Data from the semiannual survey conducted by the Alaska Housing Finance Corporation (AHFC) for use in AHFC's energy programs and stored in the AkWarm database. AHFC collaborates with the Alaska Department of Commerce, Community, and Economic Development (DCCED), Division of Community and Regional Affairs (DCRA) to include data from communities surveyed by DCRA. Prices for home heating fuel (No. 1 and No. 2 fuel oil, propane, and wood) are collected from vendors serving communities around the state and reflect the price reported by the vendor at the point in time of the survey. Sales tax is included since 2011, but may be included or excluded in prior surveys. The inclusion of sales tax causes prices for some communities in this dataset to be higher than prices reported in the DCRA survey.

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## **Population Estimates by Borough and Year**

These annual population estimates are produced by the Alaska Department of Labor and Workforce Development (AKDoLWD) based on the U.S. Census counts. The census counts are extrapolated using unique statistical methods by AKDoLWD to produce the most accurate available estimates of population in boroughs across Alaska.

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## **Population Estimates by Community and Year**

These annual population estimates are produced by the Alaska Department of Labor and Workforce Development (AKDoLWD) based on the U.S. Census counts. The census counts are extrapolated using unique statistical methods by AKDoLWD to produce the most accurate available estimates of population in communities across Alaska.

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## **Power Cost Equalization (PCE) Data**

The goal of Alaska Energy Authority's (AEA) Power Cost Equalization program is to provide economic assistance to customers in rural areas of Alaska where the kilowatt-hour charge for electricity can be considerably higher than the charge in more urban areas of the state. This dataset contains information reported monthly to AEA by participating utilities. The data available here (AEDG) was reviewed and cleaned for to meet AEDG data quality standards. Since some utilities may not report every month of the year, missing data are not uncommon. Detailed information about the data cleaning methodology is provided in the document [Power Cost Equalization - Data Cleaning Methodology Notes by Alejandra Villalobos Meléndez \(PDF\)](#).

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## **Renewable Energy Fund Annual Project Performance**

This dataset, as published in the [Alaska Renewable Energy Fund Status Report](#) by the Alaska Energy Authority, includes electrical and thermal production, as well as estimates of displaced diesel fuel and its value, for REF-funded projects that began operation during the period 2009 through 2013. Additionally, [Appendix: Alaska Renewable Energy Fund Status Report Rounds I-VI \(PDF\)](#) lists REF project status and financials as of November 2013. *Dataset updated May 14, 2014*

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