



Grid Deployment Office

U.S. Department of Energy (DOE)

Data Sources for DOE's Allocation of Funds under the IIJA Section 40101(d) – Formula Grants to States and Indian Tribes for Preventing Outages and Enhancing the Resilience of the Electric Grid

ALRD Amendment 004

Data Sources

Note: Data changes from Fiscal Year 2022 to Fiscal Year 2023 are noted at the end of this document.

Population Data Sources

States + D.C. + Puerto Rico: April 2020 Census -

<https://www.census.gov/data/tables/2020/dec/2020-apportionment-data.html>

Territories (except Puerto Rico): 2020 Island Areas Censuses

- American Samoa - <https://www.census.gov/data/tables/2020/dec/2020-american-samoa.html>
- Guam - <https://www.census.gov/data/tables/2020/dec/2020-guam.html>
- Northern Mariana Islands - <https://www.census.gov/data/tables/2020/dec/2020-commonwealth-northern-mariana-islands.html>
- U.S. Virgin Islands - <https://www.census.gov/data/tables/2020/dec/2020-us-virgin-islands.html>

Indian Tribes: U.S. Census Bureau database, mainly from the American Community Survey (ACS) 2015-2019, 5-Year Estimates, as well as 1-Year Estimates, Decennial Census (DEC) (2010, 2000), and the following sources for specific Tribes, whose populations were not found in the Census Bureau's database, unless otherwise noted:

- California Valley Miwok Tribe - [https://www.aaanativearts.com/california-valley-miwok-tribe-index#:~:text=There%20were%20only%2012%20persons,the%20present%20time%20\(2013\).](https://www.aaanativearts.com/california-valley-miwok-tribe-index#:~:text=There%20were%20only%2012%20persons,the%20present%20time%20(2013).)

- Kialegee Tribal Town - <https://www.aaanativearts.com/kialegee-tribal-town-index>
- Koi Nation of Northern California - <https://www.pressdemocrat.com/article/news/who-are-the-koi-people-a-brief-history-of-their-culture/>
- San Juan Southern Paiute Tribe of Arizona - https://web.archive.org/web/20091228083522/http://www.itcaonline.com/tribes_sanjuan.html
- Tejon Indian Tribe - <https://www.tejonindiantribe.com/who-we-are-today/>
- Wilton Rancheria - <http://wiltonrancheria-nsn.gov/resortproject/Home/TribalProfile/tabid/549/language/en-US/Default.aspx>
- Kaguyak Village - https://www.ihs.gov/sites/alaska/themes/responsive2017/display_objects/documents/pop_reports/TRIBE2017.pdf
- Native Village of Kanatak - https://www.ihs.gov/sites/alaska/themes/responsive2017/display_objects/documents/pop_reports/TRIBE2017.pdf
- Pauloff Harbor Village - http://www.unimak.us/pauloff_harbor.shtml
- Umkumiut Native Village - <https://data.nativemi.org/tribal-directory/Details/umkumiut-native-village-198210>
- Potter Valley Tribe, California - <http://pottervalleytribe.com/about/>
- Knik Tribe - <https://kniktribe.org/about-us/>
- Cherokee Nation - <https://cherokee.org/>
 - Census Bureau's population data on Cherokee OTSA is suspected to include non-Tribal members, while ACS and DEC values are challenging to distinguish, so DOE used population estimates from the Cherokee Nation's website.

Note that Alaska Native Corporation (ANC) populations were estimated from the sum of the population(s) of their associated federally recognized tribe(s), if applicable. If an Alaska Native Village Corporation (ANVC) is not known to be associated with a federally recognized tribe, DOE estimated population using estimates of its associated non-federally recognized tribe from additional research.

Area Data Sources

*States + D.C. + Territories*¹: Census Bureau's Master Address File/Topologically Integrated Geographic Encoding and Referencing (MAF/TIGER®) database - <https://www.census.gov/geographies/reference-files/2010/geo/state-area.html>. Area information on States, D.C. and Territories is dated from 2010.

Indian Tribes: Census Bureau's TIGERweb Nation-Based Data Files – https://tigerweb.geo.census.gov/tigerwebmain/TIGERweb_nation_based_files.html?msckid=74019619bb5011ecb654e5fd33e5e6b1, including [Alaska Native Village Statistical Areas, Federal](#)

¹ State total area estimates were reduced by Tribal land area estimates to eliminate double counting in the allocation formula. For Tribes that cross State lines, DOE utilized data provided by NREL's Tribal Energy Atlas to estimate the amount of Tribal area in each State: <https://maps.nrel.gov/tribal-energy-atlas/>

[American Indian Reservations](#), [Off-Reservation Trust Lands](#), [Tribal Designated Statistical Areas](#), and [Oklahoma Statistical Areas](#). For most federally recognized tribes, DOE combined reservation and off-reservation trust lands to calculate land area. Otherwise, DOE estimated area from statistical areas, primarily in Oklahoma, Alaska, and other “tribal designated” areas. Tribal area for federally recognized tribes not found in Census’ TIGERweb datafiles is taken from the following sources²:

- Little Shell Tribe of Chippewa Indians of Montana - <https://www.nytimes.com/2020/02/01/us/little-shell-montana-tribe.html>
- Shawnee Tribe - <https://www.legendsofamerica.com/shawnee-indians/>
- Monacan Indian Nation - <https://www.monacannation.com/our-history.html>
- United Keetoowah Band of Cherokee Indians in Oklahoma - <https://www.ukb-nsn.gov/about-us>
- Tejon Indian Tribe - <https://www.angelfire.com/id/newpubs/yokut44.html>
- Thlopthlocco Tribal Town - <https://tttown.org/about-us.html#:~:text=In%201941%2C%20the%20Secretary%20of%20the%20Interior%20placed,Oklahoma%2C%20consisting%20of%20trust%20and%20fee%20simple%20lands.>
- Wilton Rancheria, California - <https://www.indianz.com/IndianGaming/2019/10/08/wilton-rancheria-secures-victory-in-home.asp>
- Paiute-Shoshone Tribe of the Fallon Reservation and Colony, Nevada – NREL’s Tribal Energy Atlas
- Kialegee Tribal Town - <https://www.kialegetribaltown.net/history.html>
- Nansemond Indian Nation - <https://descendantsofthegreatdismal.com/2017/08/15/the-history-of-the-nansemond-indian-tribal-association/>
- Alabama-Quassarte Tribal Town - <http://alabama-quassarte.org/about-us/>
- Central Council of the Tlingit & Haida Indian Tribes - <http://www.ccthita.org/about/history/index.html>
- Umkumiut Native Village - <https://data.nativemi.org/tribal-directory/Details/umkumiut-native-village-198210>
- King Island Native Community - <https://www.alaskan-natives.com/627/king-island-native-community/>
- San Juan Southern Paiute Tribe of Arizona - <https://www.sanjuanpaiute-nsn.gov/about>
- Native Village of Afognak - <https://www.alaskan-natives.com/159/afognak-native-village/>
- Paiute Indian Tribe of Utah – NREL’s Tribal Energy Atlas
- Cloverdale Rancheria of Pomo Indians of California - <https://www.actaonline.org/profile/cloverdale-rancheria-of-pomo-indians/>
- Delaware Nation, Oklahoma - <https://www.delawarenation-nsn.gov/about-us/>

² In some cases, federally recognized tribes were found to be landless. In cases where data on Tribal land was not found, or Tribes were found to have lands occupied seasonally, DOE assigned these Tribes a minimum amount to assure they met the base amount eligibility criteria under Factor 2.

- Native Village of Unga - <https://www.apiai.org/tribes/unga/#:~:text=Unga%20is%20located%20in%20the%20Aleutian%20Islands%20Recording,of%20116%2C%20and%20then%20as%20%E2%80%9C Ugnagok%E2%80%9D%20in%201836.>
- Scotts Valley Band of Pomo Indians of California - <https://www.scottsvallen.gov/heritage/history>
- Kaguyak Village - <https://alaskahistoricalociety.org/remembering-kaguyak/>
- Pauloff Harbor Village - http://www.unimak.us/pauloff_harbor.shtml
- Native Village of Kanatak - <https://explorenorth.com/library/communities/alaska/bl-Kanatak.htm#:~:text=The%20community%20is%20located%20in%20the%20Kvichak%20Recording,Census%20of%201890%2C%20having%20a%20population%20of%2026.>

Disaster Declaration Data Sources

States + D.C. + Territories + 58 Federally Recognized Tribes: FEMA's Disaster Information on Disaster Declarations - <https://www.fema.gov/disaster/declarations> (includes declared disasters for only 58 of the 574 federally recognized tribes).

Remaining Federally Recognized Tribes: FEMA's National Risk Index Tribal-County relationships dataset - <https://hazards.fema.gov/nri/data-resources> and FEMA's Public Assistance Funding Project Details - <https://www.fema.gov/about/openfema/data-sets>

- DOE utilized these datasets to identify disasters that may have impacted federally recognized tribe(s) residing in the corresponding counties

Note that the disasters for ANRCs were determined by mapping the disaster region on FEMA's website to ANRC regional boundaries. Disasters for ANVCs were determined using the State of Alaska Department of Commerce Community, and Economic Development's GIS database - <https://gis.data.alaska.gov/datasets/DCCED::native-village-corporations/explore?location=61.066727%2C-152.898900%2C5.67> – to identify the approximate location of the ANVCs in order to map them to disaster regions.

Risk Index Data Sources

States + D.C., Territories: FEMA's National Risk Index Tract-level details for States - <https://hazards.fema.gov/nri/data-resources>

Indian Tribes: FEMA's National Risk Index Tribal-Tract relationships - <https://hazards.fema.gov/nri/data-resources>

Note that the risk index sum for ANRCs were determined by mapping the National Risk Index census tract map over a map of ANRC conveyed land. ANVC risk index sums were determined using the average risk index sum of their associated federally recognized tribe(s). If an ANVC is associated with a non-federally recognized tribe, DOE conducted research to determine what region the ANVC is located in and applied the risk index of the corresponding census tract.

Changes in Data from Fiscal Year 2022 to Fiscal Year 2023

Fiscal Year 2023 Data Updates

Population Data Sources

Indian Tribes: Bureau of Indian Affairs 2021 self-certified enrollment data, not publicly available

- Enrollment data from the U.S. Department of Housing and Urban Development 2022's Indian housing block grant program was used in place of any tribes that did not wish to disclose their self-certified enrollment data to BIA - https://www.hud.gov/sites/dfiles/PIH/documents/FY_2022_Estimate_GrantSummary.pdf

Note that ANC populations were estimated from splitting the sum of the population(s) of their associated federally recognized tribe(s), if applicable, across the Alaskan entity groupings: ANRC, ANVC, and federally recognized Alaskan tribe. If an ANVC is not known to be affiliated with a federally recognized tribe, DOE estimated population using estimates of its associated non-federally recognized tribe to split between its associated ANRC and itself.

Area Data Sources

Indian Tribes: Direct outreach to the ANCs was conducted to obtain surface land ownership information, if available. If not, conveyed land was estimated from the Alaska Case Retrieval Enterprise System (ACRES) database available on the Bureau of Land Management's website - https://sdms.ak.blm.gov/acres/acres_menu - or from the corporations themselves.