



SECURING OUR FUTURES

TRIBAL NATIONS & CLIMATE CHANGE



American Indians and Alaska Natives in the United States

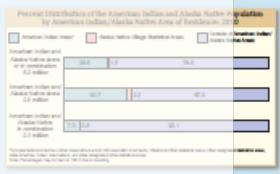


- **566** Federally recognized tribal nations
 - **229** of those tribes and villages located in Alaska;
 - Remaining tribes are located in **34** other states
- **5.2 million people** or **1.7 percent** of the US population
- **100 million acres** - total land mass under American Indian or Alaska Native control; Indian Country the fourth largest state in the United States.



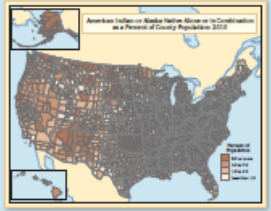
Ten Largest Tribal Grouping Populations: 2010

Tribal Grouping	Population	% of Total AIAN Population
Navajo	3,116,875	60.0%
Cherokee	1,098,948	21.1%
Chickasaw	1,098,948	21.1%
Choctaw	1,098,948	21.1%
Blackfoot	1,098,948	21.1%
Comanche	1,098,948	21.1%
Apache	1,098,948	21.1%
Arctic Slope Regional Corporation	1,098,948	21.1%
Yukon-Charley	1,098,948	21.1%
Yukon-Koyukuk	1,098,948	21.1%



Legend

- American Indian Reservation and/or Off-Reservation Trust Land (Federal)
- Alaska Native Regional Corporation
- Tribal Designated Statistical Area
- American Indian Reservation (State)
- State Designated Tribal Statistical Area
- Alaska Native Regional Corporation
- Statistical Boundary
- Base Boundary





CLIMATE CHANGE

“Paddle To Swinomish 2011” canoe journey



2012 – Kuskokwim River, Alaska

[Watch Video](#)



- Drought
- Water Supply
- Wildfire
- Agricultural and harvest cycle disruption



SECURING OUR FUTURE

- American Indian land comprises approximately 2% of U.S. land but contains an estimated **5% of all renewable energy resources**.
- The total technical potential on tribal lands for electricity generation from
 - utility-scale rural **solar** resources is about **14 billion MWh, or 5.1%** of total U.S. generation potential.
 - from **wind** resources is about **1,100 million MWh, or about 3.4%** of the total U.S. technical potential.
 - from **hydropower** resources is about **13 million MWh, or about 5.1%** of the total U.S. technical potential.

FIRST STEWARDS



Photo credit: Mike Williams



Erosion of the river bank is so advanced that the old Akiak Cemetery had to be moved after human remains began falling into the river. It took an entire summer for workers to move the cemetery to a different location.



Ho-Chunk, Inc. – Winnebago Reservation, NE



Indian Education Renewable Energy Challenge 2011

Methods of Harvesting (green to red)

Methods of Harvesting (green to red)

Separation of Materials

Fuel Testing

Landing (oil count)

Landing (oil count)

Tribal schools create their own biodiesel to win energy challenge



Forest County Potawatomi 35 kw solar panels on tribal administration building



Forest County Potawatomi Anaerobic Digester and Biogas Generation Plant



OPPORTUNITY

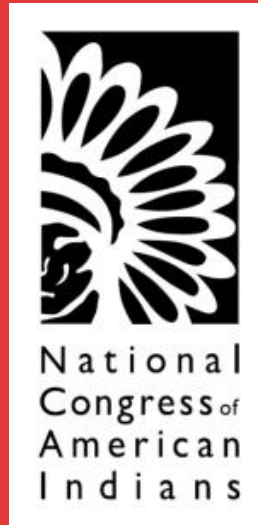
Great potential for jobs in natural resource management for youth and the next generation:

- Agriculture
- Water
- Fish and wildlife management
- Energy
- Forestry



THE NEXT GENERATION





FOR MORE INFORMATION
WWW.NCAI.ORG