

Cold Environment



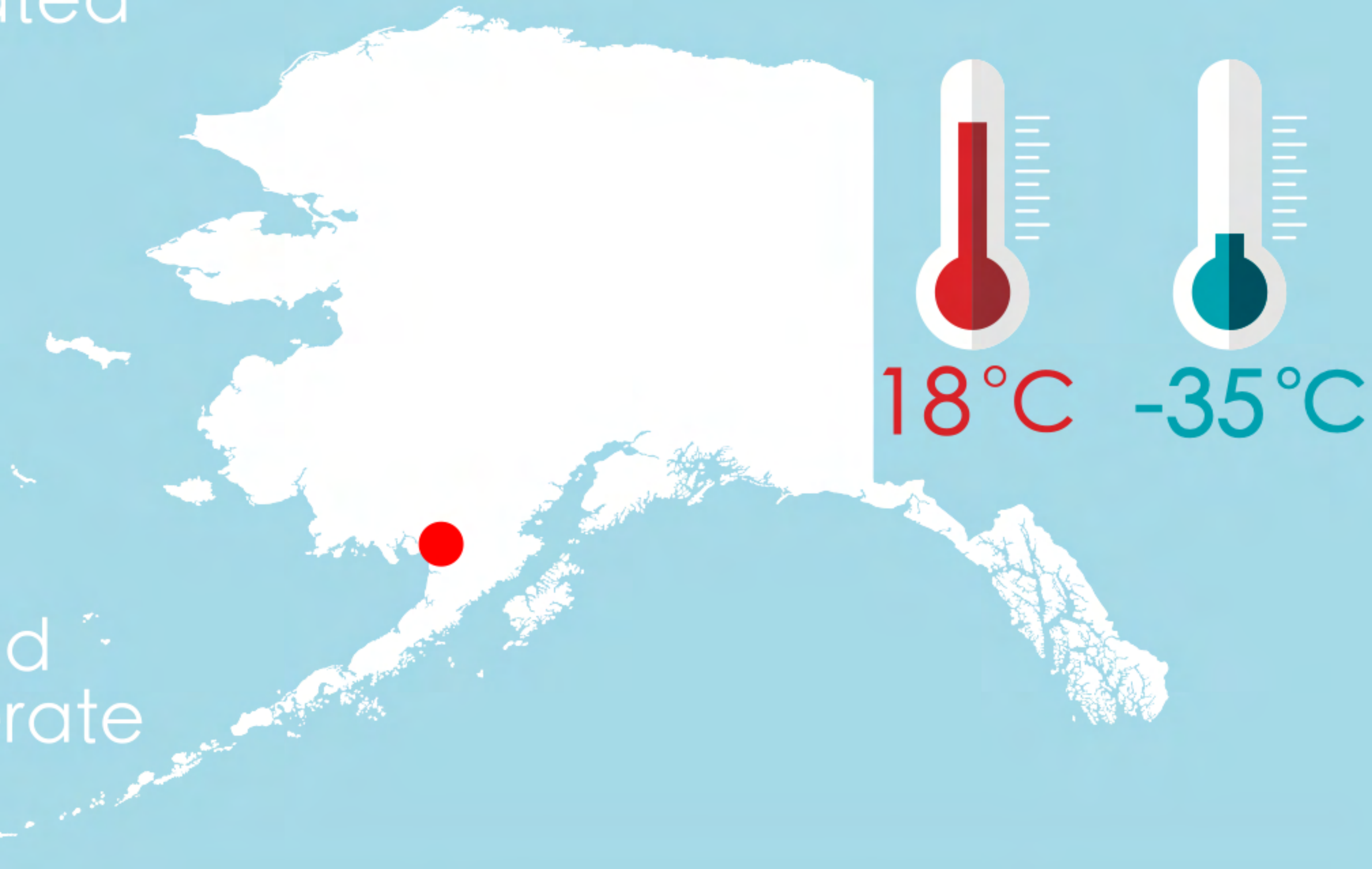
Alaska, USA

www.internetgeography.net

Alaska is one of the most sparsely populated places on Earth. Nearly half its 750,000 residents live in the city of Anchorage.

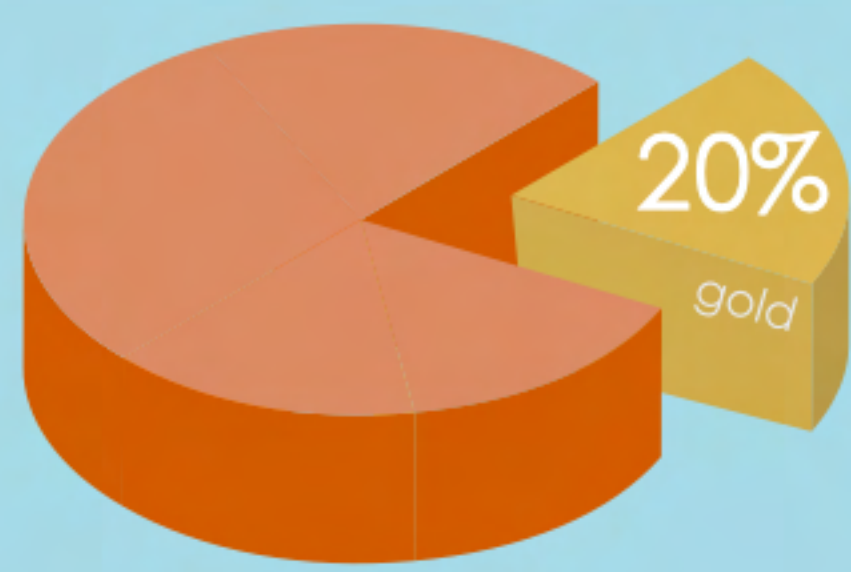
Alaska's indigenous people include the Inupiat and Yup'ik tribes. Since the 1800s approximately 100,000 Inuit have been joined by permanent settlers.

A wealth of ecosystems span the vast and varied landscapes of Alaska from temperate rainforests to tundra.



development opportunities

mineral extraction



of Alaska's mineral wealth
silver
zinc
lead

energy



oil & gas
100K jobs
1/3 Alaska's income

oil is transported



1300 KM
to
Prudhoe Bay Valdez (port)

fishing



80K jobs

\$6 billion economy



indigenous people use for food clothing and oil

tourism

60% summer visitors



development challenges

extreme temperature



very cold

-35°C



sea freezes

roads dangerous



buildings and infrastructure

permafrost services above ground



roads constructed on gravel beds
heat transfer



inaccessibility

huge

1.7M km²



locals

