

Appendix 4. Institutions and Adaptive Capacity for Alaska North Slope Communities^a

Adaptive Capacity domain	Category	Institutions playing a major role
Geography	Remoteness	US DOT (jet service subsidies), USPS (bypass mail)
	Ecosystem health - terrestrial	ADF&G, NSB Wildlife Management Dept., NPS, USFWS
Ecosystems	Ecosystem health - marine	NOAA, NSB Wildlife Management Dept, co-management boards
	Resource protection	NSB Wildlife Management Dept., BLM, subsistence advisory boards, NPS, USFWS, Eskimo Whaling Commission
	Housing quality	AHFC, NSB Planning Dept.
Physical infrastructure	Water-sewer system	NSB utilities, ANTHC, Alaska DCRD, EPA
	Transportation system	NSB Dept. of Public Works
	Tele-communications	Internet service providers, FCC
	Formal education	NSB School District
Human capital	Health care	AKHSS, Alaska Native Corporations
	Traditional knowledge	NSB School District Iñupiat Education Dept.
Social and cultural capital	Social Ties	Informal sharing networks, whaling crews
	Language retention	NSB School District Iñupiat Education Dept.
	Public safety	NSB Police, Fire, Search and Rescue
Cash economy	Wage employment opportunities	NSB, village corps., ASRC
	Diversity of employment opportunities	Public, private, and government entities
	Non-wage income	ASRC, village corps., Alaska PF
	Local government spending capacity	Oil companies, village corporations, ASRC

^a Table abbreviations:

Abbreviation	Name	Activities
ADCRD	Alaska Division of Community and Regional Development	Water and sewer infrastructure grants and services
ADFG	Alaska Department of Fish and Game	Fish and wildlife management
ADPH	Alaska Division of Public Health	Alaska state public health programs
AEWC	Alaska Eskimo Whaling Commission	Co-management of subsistence whaling
ANTHC	Alaska Native Tribal Health Consortium	Water and sewer infrastructure grants and services
ASNA	Arctic Slope Native Association	Tribal health and social service provider
ASRC	Arctic Slope Regional Corporation	For-profit regional native corporation, oil land manager
BLM	US Bureau of Land Management	Federal land management, onshore oil leasing
BOEM	US Bureau of Ocean Energy Management	Federal offshore oil leasing
DOT	US Dept. of Transportation	Air service subsidies
EPA	US Environmental Protection Agency	Water and sewer infrastructure grants, resource protection
FCC	US Federal Communications Commission	Access to broadband telecommunications services
FWS	US Fish and Wildlife Service	Fish and wildlife management
NOAA	National Oceanic and Atmospheric Service	Marine mammal management
NPS	US National Park Service	Land management for federal protected areas
NSB	North Slope Borough	Full range of public services
PFD	Permanent Fund Dividend	Universal basic income from the Alaska Permanent Fund
USPS	US Postal Service	Subsidized mail and freight delivery