

Migration in the Arctic: Subsistence, Jobs, and Well-being in Urban and Rural Communities

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Research Objectives

- Develop improved methods for analyzing migration decisions of individuals participating in mixed subsistence and cash economies;
- Apply these methods to improve understanding of Inuit migration decisions in a comparative multi-decadal study of Alaska and arctic Canada;
- Develop and make available to other researchers metadata for research and policy applications;
- Involve arctic local governments in policy-relevant research.

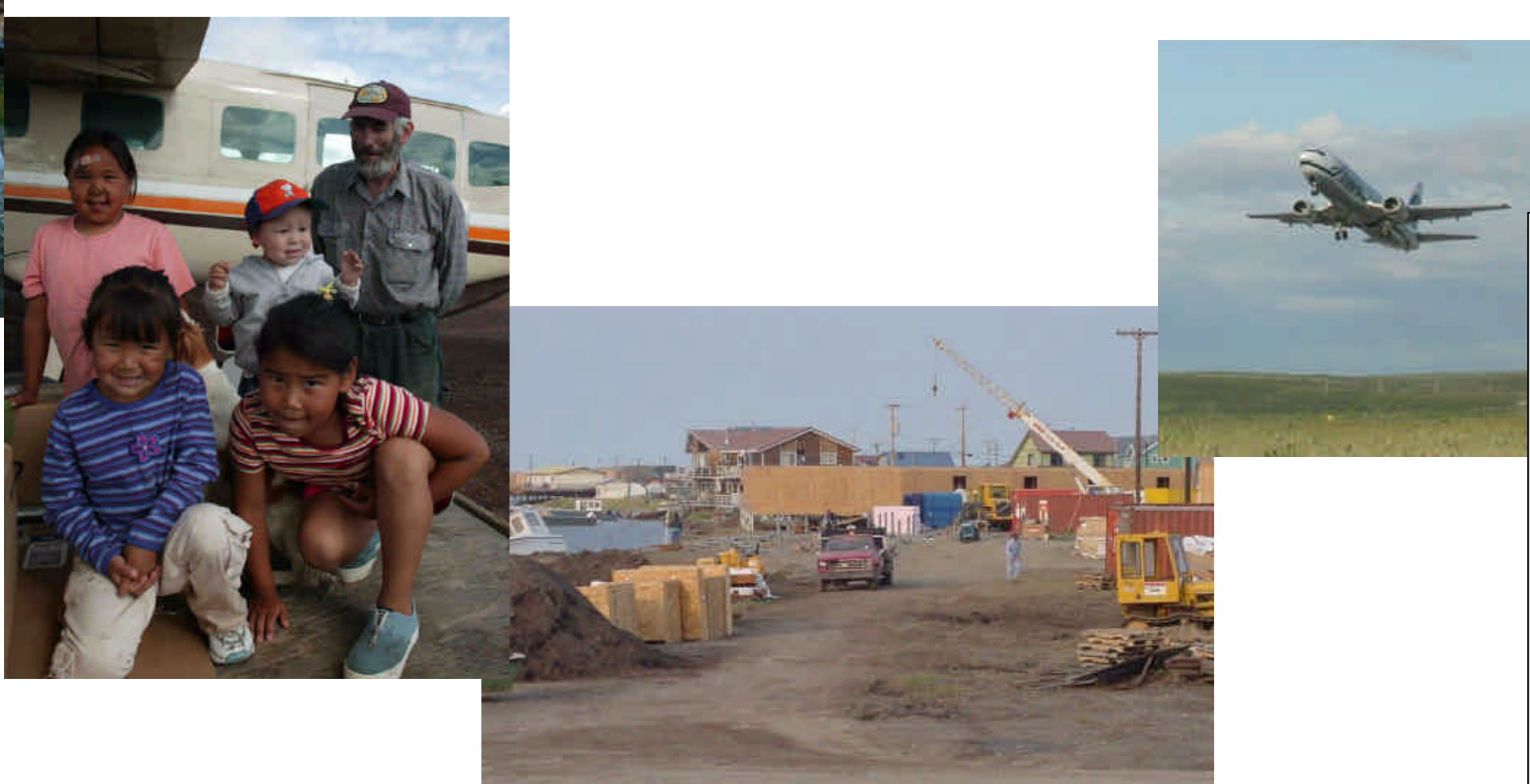
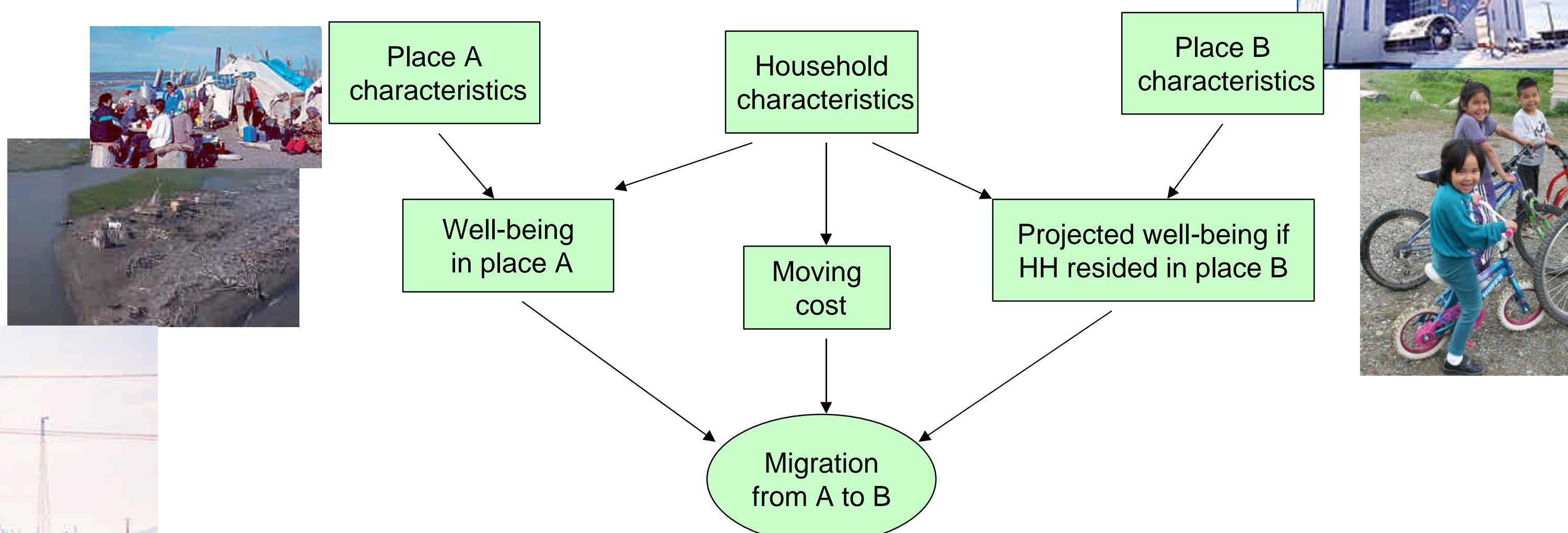


Participating Organizations

Institute of Social and Economic Research, University of Alaska Anchorage
 North Slope Borough, Department of Public Works
 U.S. Census Center for Economic Studies
 Government of Nunavut, Dept. of Executive and Intergovernmental Affairs
 Statistics Canada, Census and Demographic Statistics
 Survey of Living Conditions in the Arctic
 Alaska Department of Fish and Game, Division of Subsistence
 Funding provided by the National Science Foundation, award OPP-0457662

Approach

Migration is an Indicator of relative well-being at the community level.



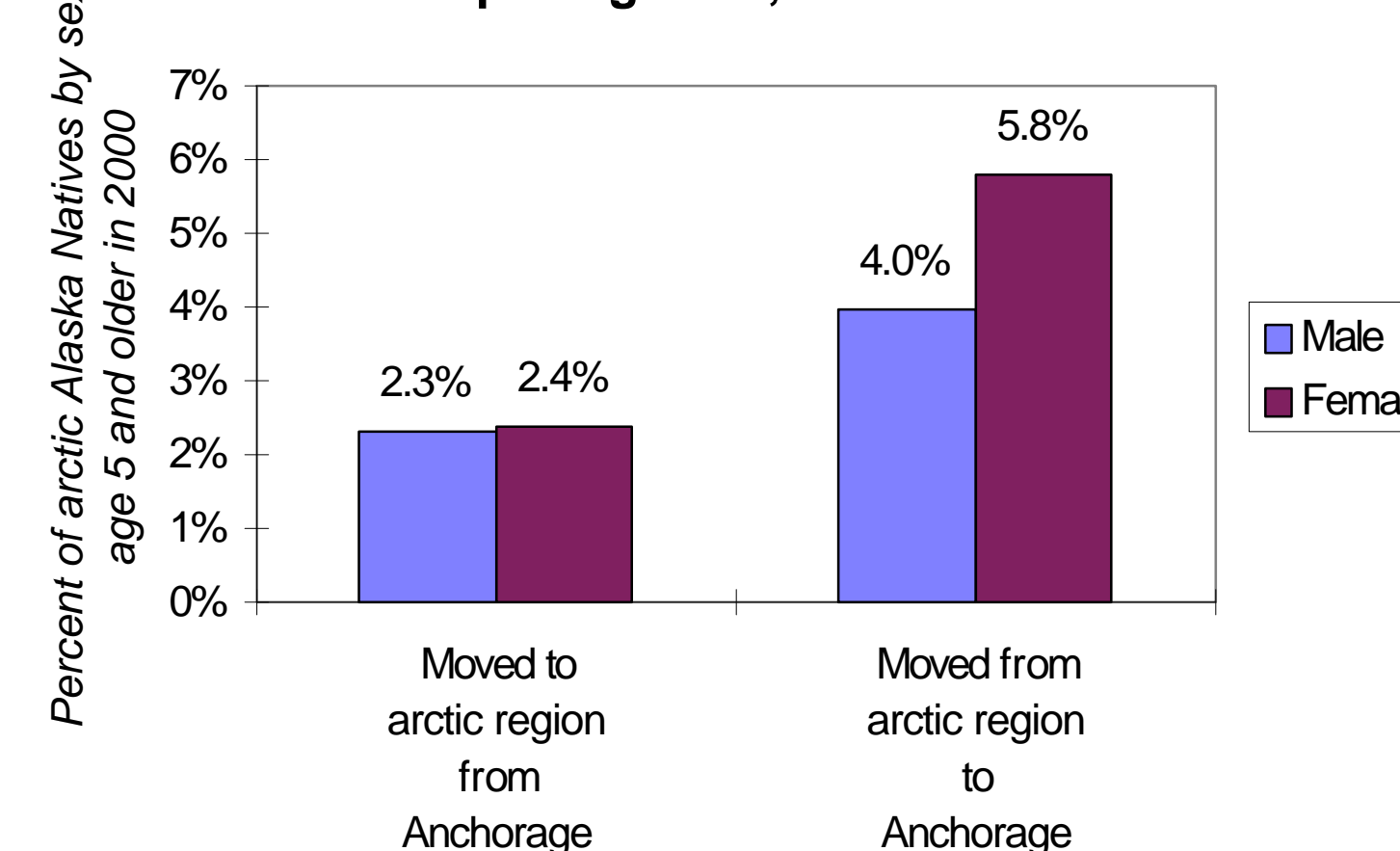
Data Sources

Source	Geographic Detail	Year
US Census PUMS	Alaska regions (urban/rural)	1980, 1990, 2000
Canada Census PUMF	Canada Territories, Provinces	1981, 1986, 1991, 1996, 2001 (planned)
Canada Aboriginal Peoples Survey PUMF	Canada Territories, Provinces	1991, 2001 (planned)
Kruse (1982)	Places: North Slope Borough	1977
North Slope Borough Census	Places: North Slope Borough	1988, 1993, 1998, 2003
Alaska Dept. of Fish and Game; US Parks	Select Northwest Arctic Places	Various years 1980-2004
SLICA Alaska survey	Places: 3 Alaska census areas	2003
Nunavut Survey	Places: Nunavut Territory	1999, 2001, 2004
US Census CRDC Long-Forms	Places: Alaska, other states	1990, 2000
Canada Aboriginal Peoples Survey data	Places: Canada	1991 (proposed), 2001 (planned)

Differences in migration patterns by gender and education between Inupiaq and Yupik in arctic Alaska and Inuit in arctic Canada raise interesting questions for future research.

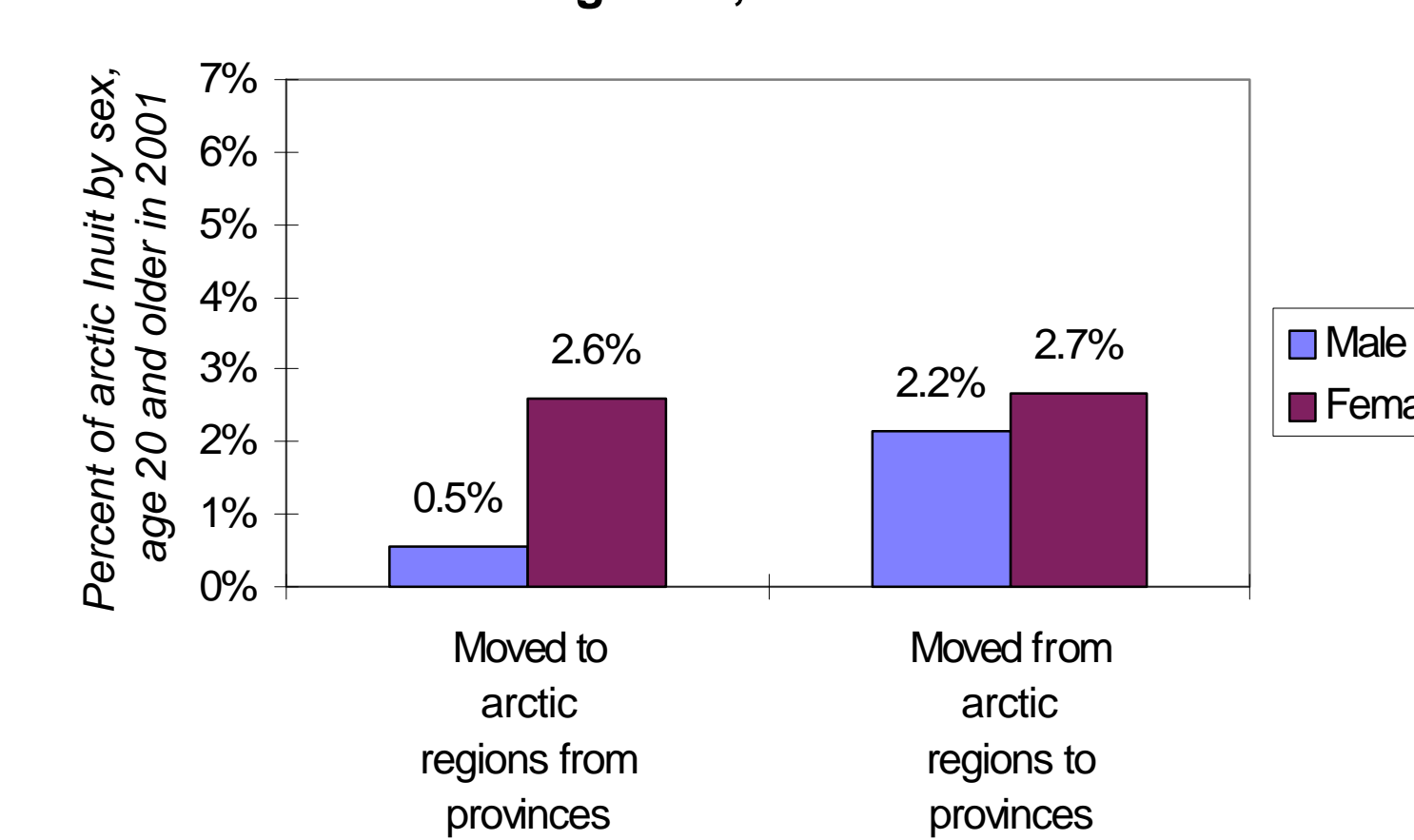
Women are more mobile than men in both arctic Alaska and arctic Canada. But net out-migration from arctic Alaska is greater for women, while net out-migration from arctic Canada is greater for men.

Gender Differences in Arctic Alaska Inupiaq and Yupik Migration, 1995-2000



Source: Estimated from U.S. Census 2000, County-to-County Migration Patterns CD

Gender Differences in Canada Arctic Inuit Migration, 1996-2001

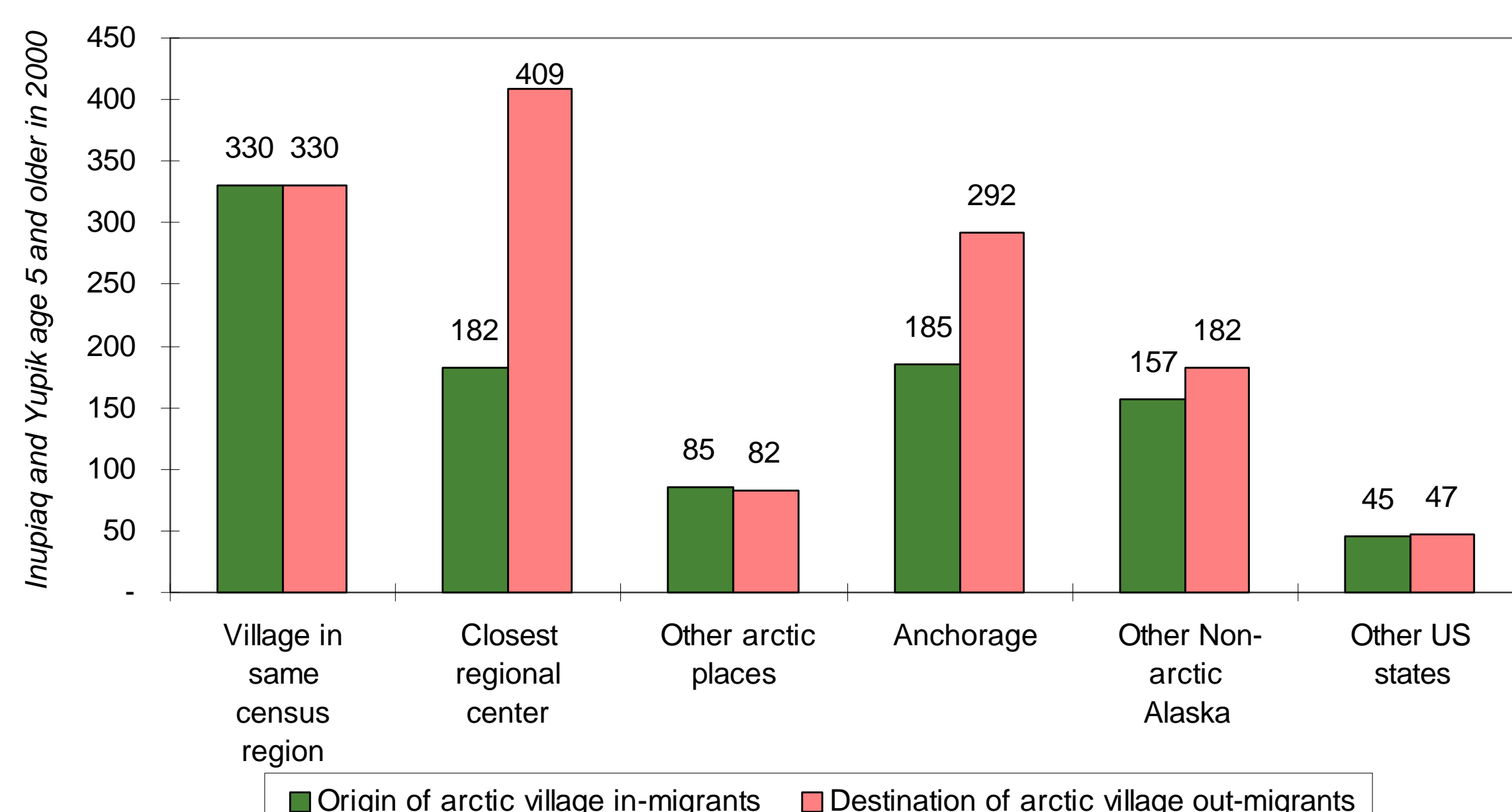


Source: Statistics Canada, 2001 Census Public Use Microdata File

Origins and destinations of Alaska Inupiaq and Yupik migrants: preliminary results from 2000 Census microdata

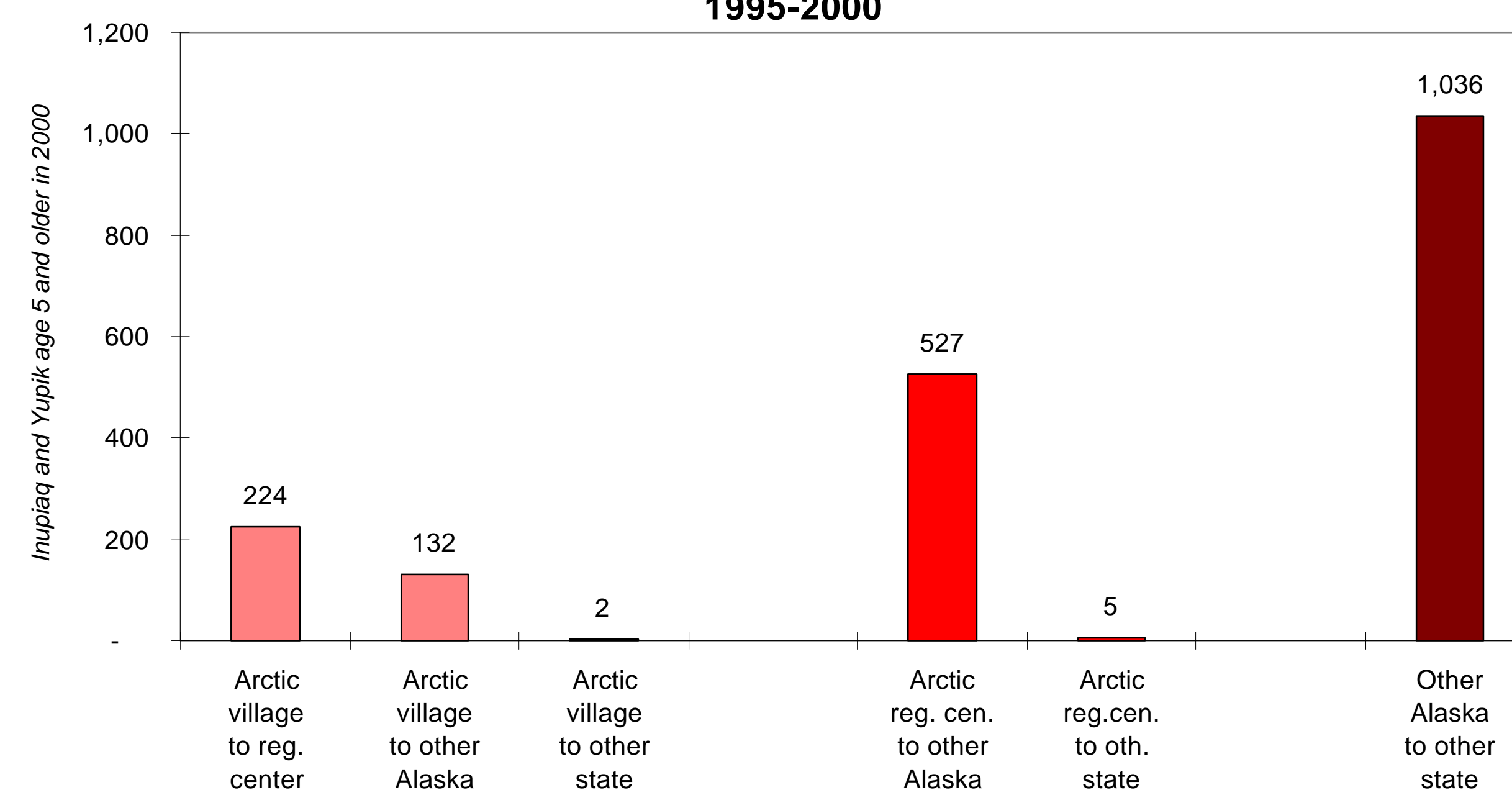
- Migration among arctic Alaska villages occurs primarily among places in the same census regions.
- Migration patterns are consistent with a "stepping stones" migration hypothesis. That is, the highest village out-migration rates are to regional centers; regional center out-migration is greatest to Anchorage; out-migration from Anchorage is greatest to other US states.

Origins and Destinations of Arctic Village Inupiaq and Yupik Migrants, 1995-2000



Source: Estimated from U.S. Census microdata, County-to-County Migration Patterns CD, Summary File 4

Stepping Stones in Alaska Inupiaq and Yupik Net Out-migration, 1995-2000

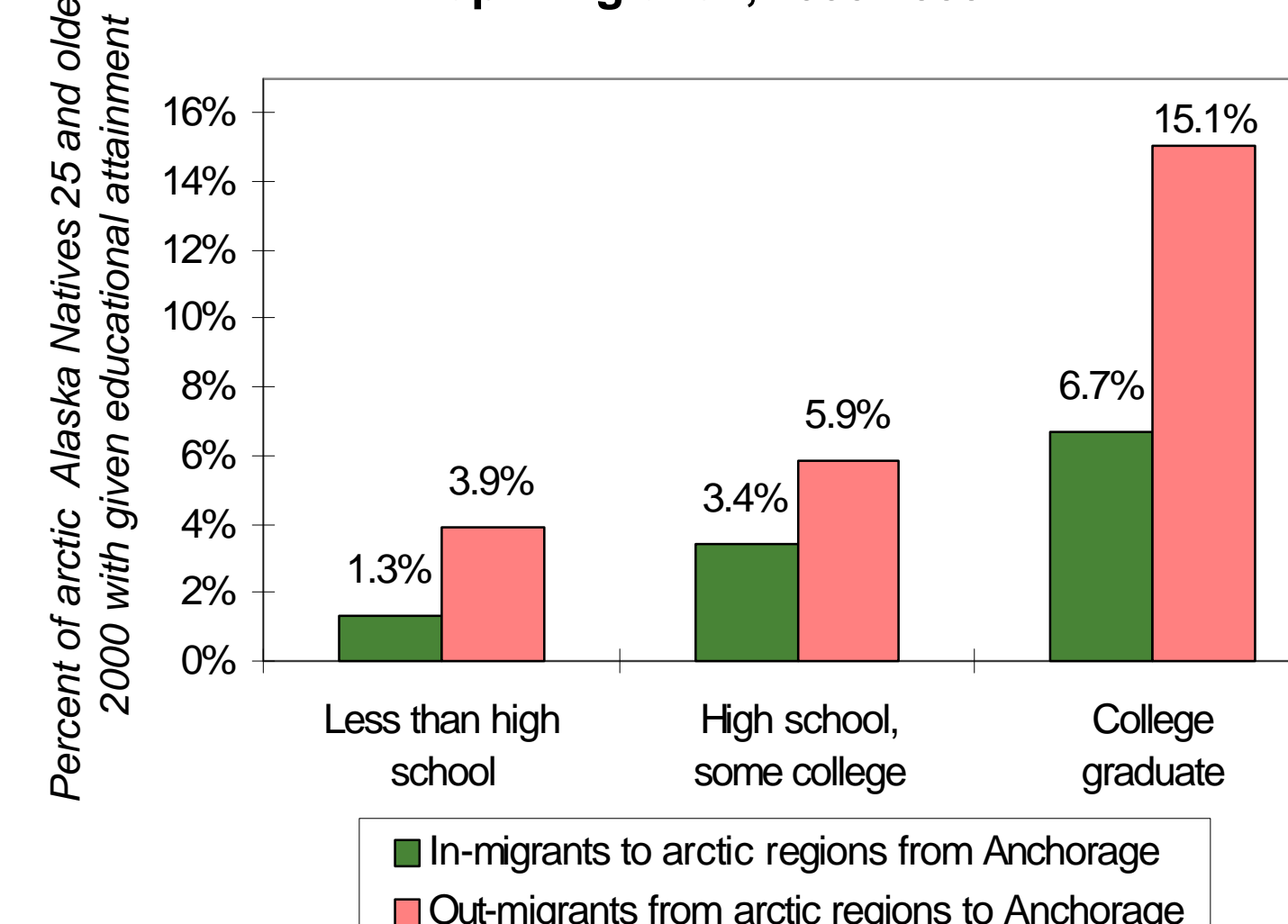


Source: Estimated from U.S. Census microdata, County-to-County Migration Patterns CD, Summary File 4

We define the arctic regions of Alaska to include the North Slope and Northwest Arctic Boroughs, and the Nome Census Area. Arctic villages are defined as all communities in these census areas, except for the three regional centers: Barrow, Kotzebue, and Nome.

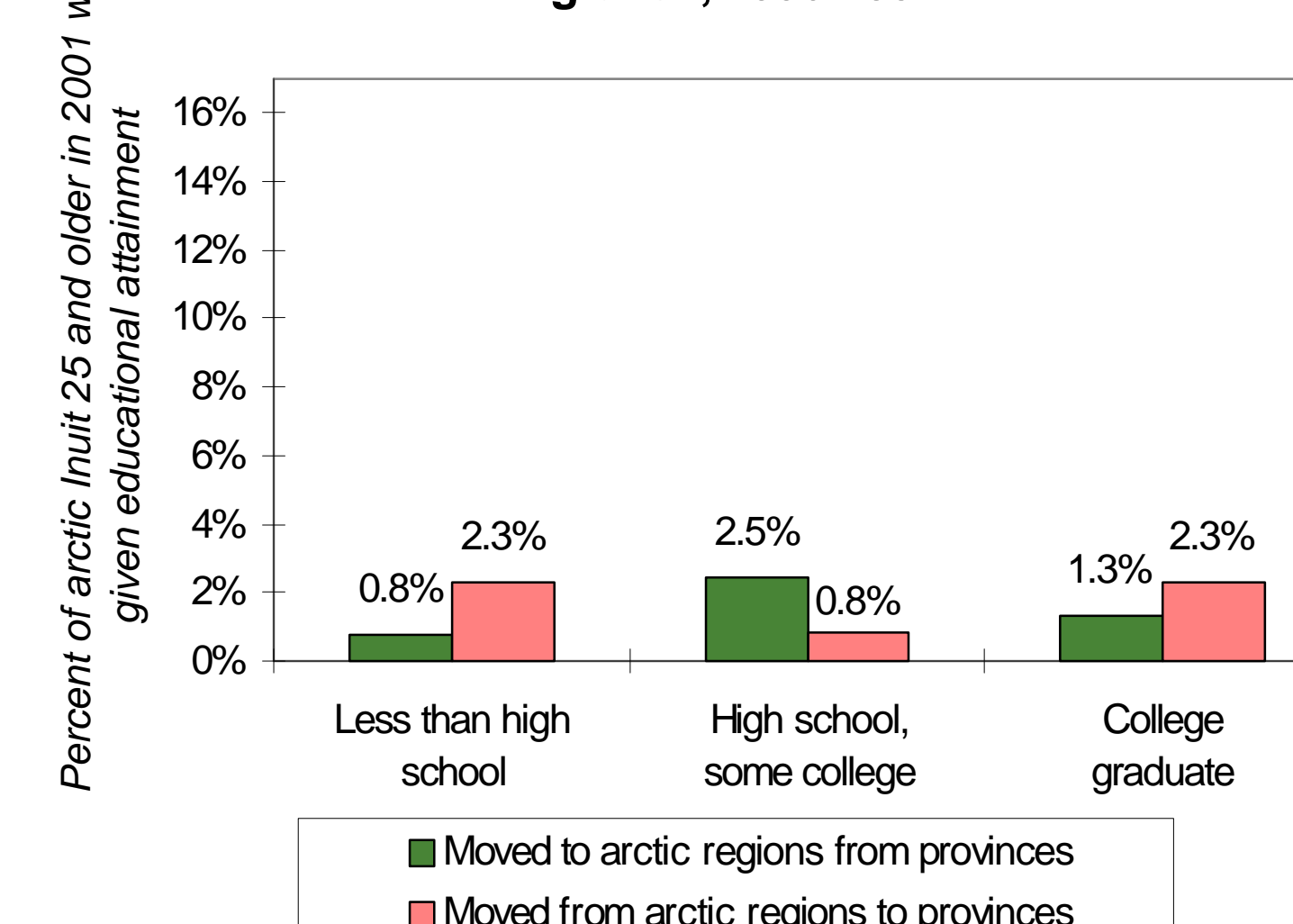
Educational attainment levels are similar in arctic Alaska and arctic Canada. But in Alaska, unlike Canada, more educated individuals are much more likely to leave the Arctic.

Education Differences in Arctic Alaska Inupiaq and Yupik Migration, 1995-2000



Source: Estimated from U.S. Census 2000, County-to-County Migration Patterns CD

Education Differences in Canada Arctic Inuit Migration, 1996-2001



Source: Statistics Canada, 2001 Census Public Use Microdata File