

Innovation at Work Alaska

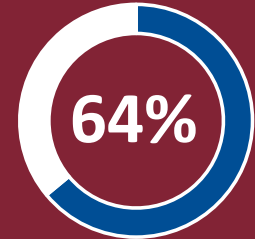


Total Direct and Indirect Economic Output of the Biopharmaceutical Sector

\$94.7 million

Total Employment Supported by the Biopharmaceutical Sector

425



A majority of Americans agree that even if it brings no immediate benefits, basic scientific research that advances the frontiers of knowledge is necessary and should be supported by the federal government.

Local Perspective: Anchorage, AK



Serafine Bourne, American Heart Association advocate

"Congenital heart defects are the leading cause of birth defect-associated infant deaths and illnesses. I support research because I believe every child born with a congenital heart defect deserves the best chance at life."



Alaskans who died from heart disease in 2014

782

Total NIH Award Funding (FY17)

\$17 million

Research in the Last Frontier

Alliance for Clinical Trials in Oncology (ACTO), Anchorage, AK

ACTO is conducting phase III clinical trials to assess the effectiveness of less invasive surgery to treat stage I non-small cell lung cancer. This less invasive surgery is associated with shorter recovery times and fewer complications.

University of Alaska Anchorage, Anchorage, AK

In collaboration with Stanford University, researchers are evaluating the cost-effectiveness of telemedicine-based interventions to address cardiovascular disease risk factors among native Alaskans in rural villages.

Alaska Native Tribal Health Consortium, Anchorage, AK

Researchers from the Alaska Native Tribal Health Consortium have received funding from the Agency for Healthcare Research and Quality (AHRQ) to evaluate the impact of using telemedicine to treat American Indian/Alaska Natives with rheumatoid arthritis (RA). RA is the leading cause of disability in the U.S.

SOURCES: NATIONAL INSTITUTES OF HEALTH (NIH), PHARMACEUTICAL RESEARCH AND MANUFACTURERS OF AMERICA (PHRMA), CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC), A RESEARCHIAMERICA SURVEY OF U.S. ADULTS CONDUCTED IN PARTNERSHIP WITH ZOGBY ANALYTICS IN JANUARY 2017, AGENCY FOR HEALTHCARE QUALITY AND RESEARCH (AHRQ), CLINICALTRIALS.GOV.