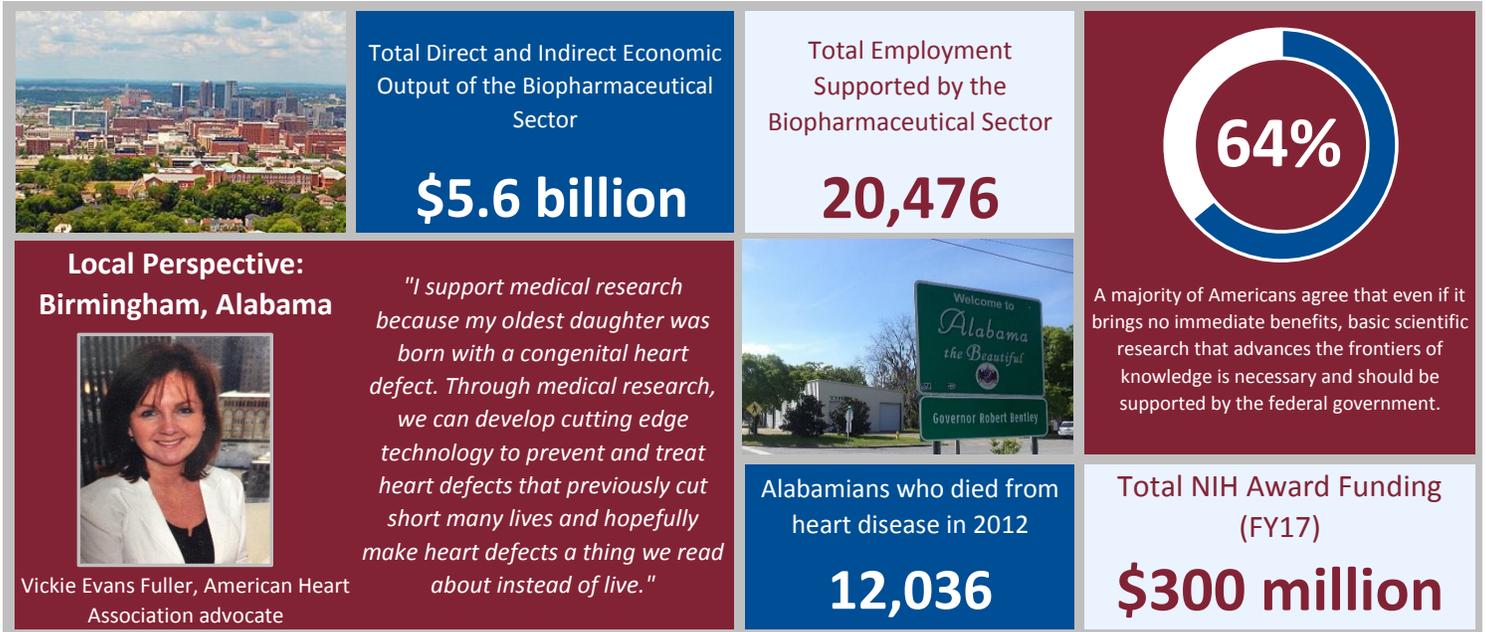


Innovation at Work Alabama



Research in the Heart of Dixie

University of Alabama at Birmingham (UAB), Birmingham, AL

Researchers at the University of Alabama at Birmingham are examining brain regions of participants in the UAB Alzheimer's Disease Center cohort. The study seeks to understand how race contributes to cardiovascular health and cognitive functions.

HudsonAlpha Institute of Biotechnology, Huntsville, AL

As a member of the NIH-launched Clinical Sequencing Exploratory Research (CSER) consortium, HudsonAlpha has pioneered revolutionary DNA sequencing techniques intended to improve both diagnostics and treatments for childhood genetic disorders. DNA sequencing provides doctors the opportunity to personalize treatments, bolstering the potential for effectiveness

University of Alabama, Birmingham (UAB), Birmingham, AL

UAB recently received a five-year BRAIN Initiative grant from the NIH to study a new technology that has the potential to improve the accuracy of deep brain stimulation, a treatment for Parkinson's disease. By achieving greater accuracy, researchers hope to decrease the risk of side effects and improve patient outcomes.

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, CLINICALTRIALS.GOV, HUDSONALPHA INSTITUTE OF BIOTECHNOLOGY.