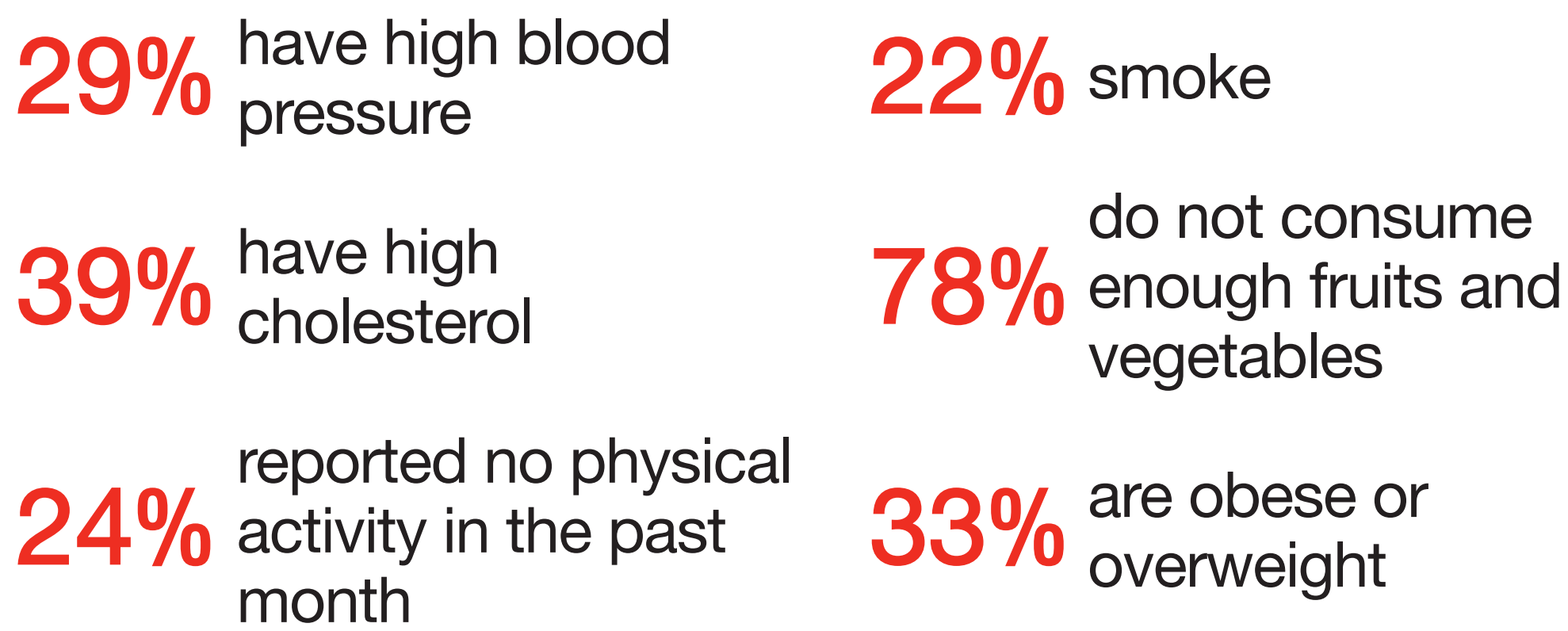


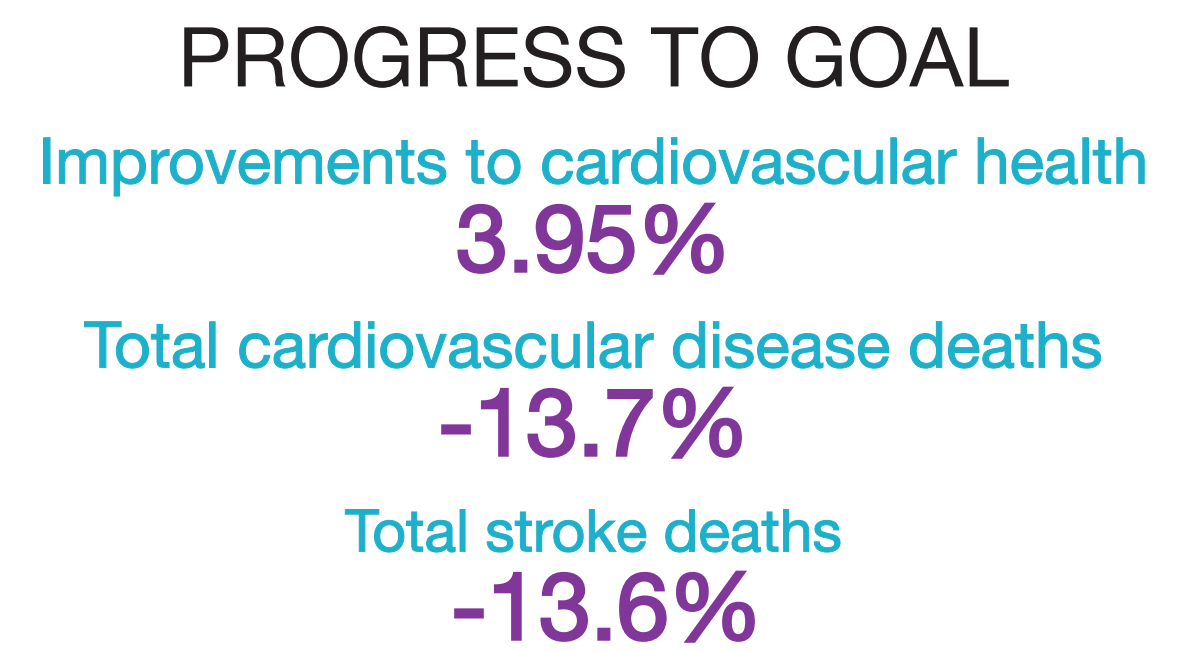
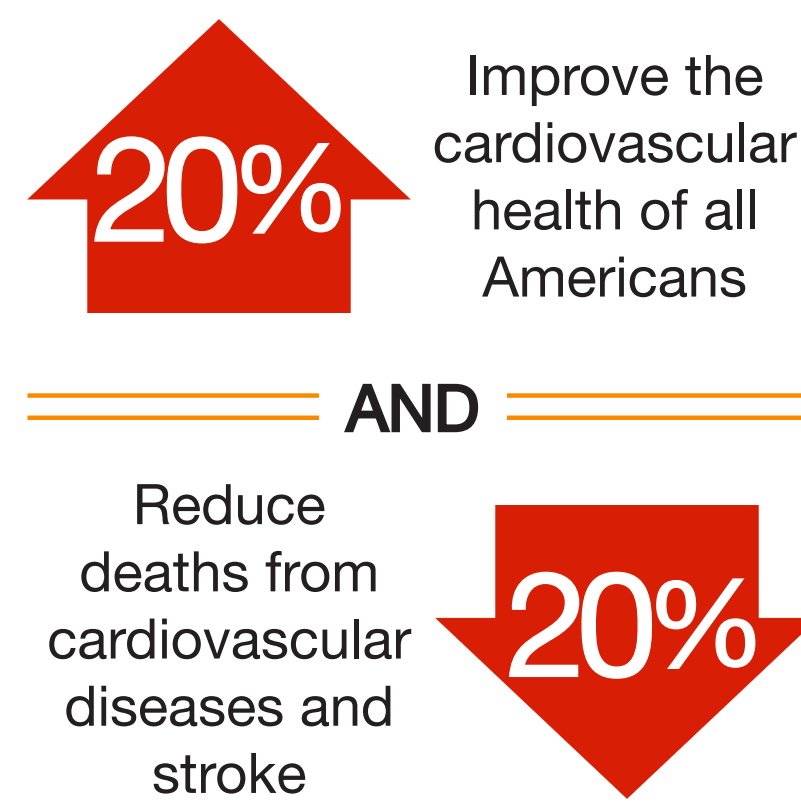
BUILDING A CULTURE OF HEALTH in the Great Rivers Affiliate

HEART DISEASE and STROKE are the NO. 1 and NO. 5 KILLERS of all Americans. In the GREAT RIVERS AFFILIATE, these diseases combined CLAIM THE LIVES of almost 136,000 each year.

THE NEED



OUR GOAL BY 2020



COMMUNITY IMPACT

53,290
You're The Cure Advocates helped to **PASS SIX** laws, regulations & ordinances impacting local health

1.66M youth in grades **K-12**, EDUCATED through our healthy lifestyle programs

1.76 MILLION Individuals trained in **CPR** throughout the community

5.6M PATIENTS REACHED through Target: BP, moving individuals to BP control

Employees impacted through Workplace Health Solutions **1.55M**

7,110 Individuals have found help, health tips & info on our online Support Network

Research

The American Heart Association funds the **most meritorious science anywhere** to give us the greatest chance of **saving lives everywhere**. Association-funded research has led to breakthroughs including the artificial heart valve, statin drugs, CPR guidelines, pacemakers, therapeutic hypothermia and more.

CURRENT FUNDING

\$438M U.S.A. **2,033** projects

\$50.6M Great Rivers Affiliate **260** projects

Quality of Care



Hospital teams in the Great Rivers Affiliate received 497 awards for accomplishments through their participation in Get With The Guidelines programs *AFib*, *Heart Failure*, *Resuscitation*, *Stroke* and *Mission: Lifeline*.



164 hospitals in the Great Rivers affiliate have been designated as *Primary Stroke Centers*, 21 are *Comprehensive Stroke Centers*, 10 are *Acute Stroke Ready* and 24 are *Mission: Lifeline Accredited*.



American Heart Association

American Stroke Association

life is why

ACCELERATING SCIENCE

INSTITUTE FOR PRECISION CARDIOVASCULAR MEDICINE

The Institute will create better-targeted, safer and more effective prevention strategies and treatments by taking into account a person's genes, environment and lifestyle. The aim is to gather and analyze cardiovascular data on a scale that has never before been possible to enable new insights critical to personalizing the prevention and management of heart disease and stroke.

STRATEGICALLY FOCUSED RESEARCH NETWORKS

A NETWORK

is composed of



3 TO 4 INSTITUTIONS/CENTERS



WORKING ON 3 PROJECTS EACH

focused on one of the following STRATEGIC AREAS:



BASIC SCIENCE DISCOVERY



CLINICAL SCIENCE DISCOVERY



POPULATION SCIENCE DISCOVERY

Current networks funded include:

Heart Failure | Go Red For Women

Disparities in Cardiovascular Disease | Hypertension Prevention | Stroke | Obesity | Children

The next SFRNs will focus on

VASCULAR DISEASE and ATRIAL FIBRILLATION

MY RESEARCH LEGACY

This network, being built in conjunction with the Broad Institute of Harvard and MIT, puts people at the center of scientific research by allowing individuals to donate their lifestyle and genetic information as partners in discovery. With this information and world-class researchers, we can drive next-generation heart and stroke research.

ONE BRAVE IDEA



Through a \$75 million investment over a five-year period, the American Heart Association, Verily and AstraZeneca are focused on preventing and reversing coronary heart disease and its consequences. Dr. Calum MacRae will head an eight-member team of experts working to uncover the causes of heart disease. This includes previously unrecognized signals marking the transition from wellness to the earliest, yet still largely invisible, stages of disease. In the next two to three years, they will search intensively for novel coronary heart disease-linked traits, through studies of families at known high risk for the disease.

FUNDING

\$50,593,179

IN ACTIVE RESEARCH IN THE GREAT RIVERS AFFILIATE



Currently supports

260 PROJECTS

The American Heart Association has provided more than \$4.1 billion in research funds since 1949 and launched the careers of many of this country's most prominent cardiovascular scientists, including 13 Nobel Prize winners.

CURRENT FUNDING

Delaware: \$1,001,000

Kentucky: \$4,705,771

Ohio: \$19,627,474

Pennsylvania: \$ 24,614,346

West Virginia: \$644,588

National: \$438,788,877

Our research programs have contributed to many important scientific advances:

- FIRST ARTIFICIAL HEART VALVE
- TECHNIQUES & STANDARDS FOR CPR
- IMPLANTABLE PACEMAKERS
- CHOLESTEROL INHIBITORS
- DRUG-COATED STENTS

In the Great Rivers Affiliate, in 2017 alone, we needed an additional \$92,455,235 to fund research proposals. This gap means 554 scientific projects were shelved, deferring knowledge that could result in the next breakthrough in prevention or quality of care.