



# American Heart Association International **STROKE**

Cardiovascular disease (CVD) is the leading cause of death worldwide. In 2020, approximately

**19.1 million** people died from heart diseases and stroke – accounting for

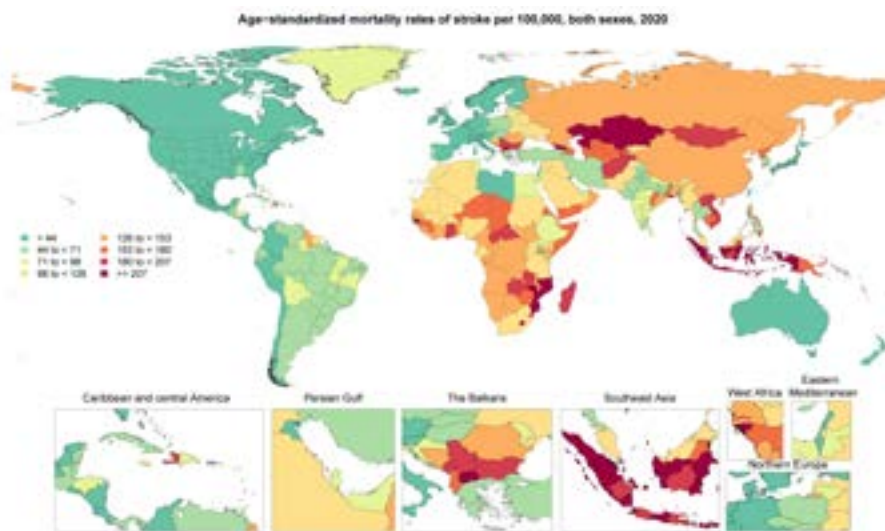
**32%** of global deaths.<sup>1,2</sup>

For nearly 100 years, the American Heart Association has been leading the fight against heart disease and stroke.

In the last 10 years, we've expanded our reach to over **100 countries**, working with organizations around the world to help change policies, implement programs, and strengthen healthcare systems to help improve and save lives.

We believe that where you live should not limit your health or the quality of your life.

## The Global Impact of Stroke



More than **89 MILLION** people worldwide suffered from stroke in 2020.<sup>1</sup> Stroke was most prevalent in Sub-Saharan Africa and East and Southeast Asia.<sup>1</sup>

During that same time, **7.1 MILLION** died from stroke globally; the highest number of stroke deaths occurred in Central, Southeast and East Asia, Oceania and Sub-Saharan Africa.<sup>1</sup>

## Our Approach

We cannot alleviate the global burden of stroke alone. The American Stroke Association (ASA), a division of the AHA, collaborates with **organizations around the world to to improve prevention, treatment, rehabilitation and recovery from stroke.**

**Improved survival rates and fewer disabilities from stroke depend on early treatment** – even before a person arrives at the hospital.

Through groundbreaking science and programs, the AHA/ASA's approach — in coordination with local stroke advocates, societies and government leaders — **strives to improve survival and quality outcomes from stroke around the world.**

### TREATMENT STANDARDS/QUALITY

Healthcare quality standards and training programs to improve patient care, like Healthcare Certification, Get With The Guidelines®, Emergency Cardiovascular Care, Helping Children Survive, and Professional Education.

### PREVENTION

Messaging and programs that help workplaces and communities improve their health and prevent death and disability from cardiovascular disease, like Go Red for Women®, and Life's Simple 7.

### REIMAGINING OUR SCIENCE

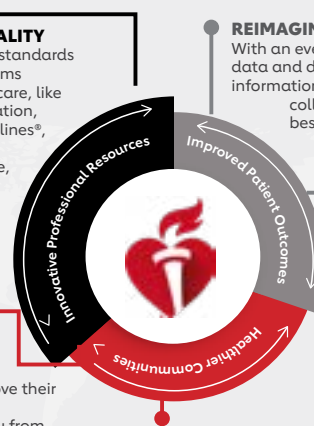
With an even greater emphasis on discovery, data and dissemination of breakthrough information through clinical guidelines, collaborative science sessions, and best practice knowledge sharing and treatment.

### KNOWLEDGE SHARING

Guidelines, science sessions and best practice programs share knowledge and standardize treatment recommendations for governments, and healthcare systems.

### ADVOCACY

Global advocacy for healthier hearts and brains among governments, civil society, and intergovernmental and public health organizations like the United Nations, World Economic Forum and World Health Organization



## Knowledge Sharing



Since 1976, we've brought together scientists and healthcare professionals from around the world for the **International Stroke Conference**.



Through our collaboration with the **World Stroke Organization**, we've reached **more than 1,000 healthcare professionals** from **more than 21 countries** through virtual training webinars.

Together we're supporting the next generation of stroke professionals in developing countries through the **Future Leaders program with access to virtual ISC**.

## Treatment / Standards / Quality:

Our **Get With The Guidelines®- Stroke** program has been proven to improve patient outcomes. Since 2003, **more than 2,000 hospitals** have entered **more than 5 million patient records** into the stroke database.

We're working with the **Middle East and North Africa Stroke Organization** to offer Primary and Comprehensive Stroke Certification in the Middle East.

## Reimagining Science:

Since 1990, the American Stroke Association has translated scientific evidence into **clinical practice guidelines** with recommendations for stroke care and prevention.

AHA funding led to the **groundbreaking development of microsurgery** in 1961 advancing neurosurgery for stroke patients.

**We're one of the largest funders of CVD and stroke research.**

**17%**

of every dollar contributed to the AHA goes to research



More than **\$4.9B** in CVD and stroke research since 1949



**\$230M** in stroke research from 2010-2020

## Prevention:

We work with **Angels Initiative**, **Registry of Stroke Care Quality (RES.Q)** and **Safe Implementation of Treatments in Stroke (SITS)** to enable the evidence-based quality improvement programs of **Get With The Guidelines®- Stroke** and **Stroke Center Certification** to improve stroke systems of care, from prevention to recovery.



## Advocacy:

Working closely with the World Stroke Organization, we've endorsed the *WSO Position statement on Stroke care during COVID-19 pandemic* in low- to mid-income countries.

## Who We Work With

- Africa Stroke Organization
- Angels Initiative
- Brazil Stroke Society
- Chinese Stroke Association
- India Stroke Association
- MENASO (Middle East and North Africa Stroke Organization)
- Mexican Association of Cerebrovascular Disease
- Saudi Stroke Society
- Senegalese Neurology Society
- United Nations World Economic Forum
- World Health Organization
- World Heart Federation
- World Stroke Organization



<sup>1</sup>Tsao CW, Aday AW, Almarzooq ZI, Alonso A, Beaton AZ, Bittencourt MS, Boehme AK, Buxton AE, Carson AP, Commodore-Mensah Y, Elkind MSV, Evenson KR, Eze-Nliam C, Ferguson JF, Generoso G, Ho JE, Kalani R, Khan SS, Kissela BM, Knutson KL, Levine DA, Lewis TT, Liu J, Loop MS, Ma J, Mussolino ME, Navaneethan SD, Perak AM, Poudel R, Rezk-Hanna M, Roth GA, Schroeder EB, Shah SH, Thacker EL, VanWagner LB, Virani SS, Voecks JH, Wang N-Y, Yaffe K, Martin SS; on behalf of the American Heart Association Council on Epidemiology and Prevention Statistics Committee and Stroke Statistics Subcommittee. Heart disease and stroke statistics—2022 update: a report from the American Heart Association [published online ahead of print Wednesday, January 26, 2022]. *Circulation*. doi: 10.1161/CIR.0000000000001052

<sup>2</sup>WHO, 2021 Fact Sheet on Cardiovascular Disease. [https://www.who.int/news-room/fact-sheets/detail/cardiovascular-diseases-\(cvds\)](https://www.who.int/news-room/fact-sheets/detail/cardiovascular-diseases-(cvds))

Map data courtesy of the Global Burden of Disease Study 2020, Institute for Health Metrics and Evaluation, University of Washington. Printed with permission. Copyright © 2021 University of Washington. More information is available on the Global Burden of Disease Study website.