

America
SPEAKS
POLL Data
summary
VOLUME 15



There is a new sense of urgency on Capitol Hill to advance research and innovation as more members of Congress carve out leadership roles in these areas. New legislation is being discussed that would elevate research in the national conversation, seeking to transform the discovery, development and delivery of new treatments and preventions, with provisions to study precursors and signs of disease and disease risk factors for chronic conditions, modernize clinical trials, reduce the administrative burden of research, and more effectively incorporate the patient perspective in the regulatory process. We're encouraged that lawmakers are supporting bills to accelerate medical progress, repeal taxes that hinder private sector innovation and increase funding for research – initiatives supported by a majority of Americans, according to our national public opinion polls.



Hon. John Edward Porter
CHAIR
RESEARCH!AMERICA



Mary Woolley
PRESIDENT AND CEO
RESEARCH!AMERICA

Our polls underscore the expectation of Americans that elected officials will enact smart policies to ensure our nation's preeminence in science and technology. Americans strongly believe that research will unlock the mysteries of major health threats from Alzheimer's to cancer to diabetes to Ebola and more, as well as rare diseases that continue to elude us. Americans also believe that research is an economic driver that fuels small businesses and creates high-quality jobs in communities across the country.

Among recent POLLING RESULTS:

- 70% of Americans agree basic scientific research that advances the frontiers of knowledge, even if it brings no immediate benefits, is necessary and should be supported by the federal government.
- 80% of Americans say it's important that elected officials at all levels listen to advice from scientists.
- 78% of Americans say it's important that our nation supports research that focuses on improving how our health care system is functioning.
- A plurality (44%) say they're willing to pay more in taxes if they were certain that all of the money would be spent on additional medical research, and more than half (53%) say it's important to make the R&D tax credit permanent.

The opportunity to meet the expectations of Americans is palpable as breakthroughs in research and new legislation in support of research and innovation come to the forefront. We urge Congress to support proposals to advance precision medicine, combat antibiotic-resistant bacteria, repeal the anti-innovation medical device tax and increase funding for federal health agencies. Unprecedented new initiatives are only as good as the leadership, policies and funding behind them.

The American Medical Association is proud to support Research!America's release of *America Speaks*, Volume 15. During this critical period of transformation for the nation's health care system, Research!America's advocacy for health research and innovation could not be more relevant. From the latest prevention and public health findings to breakthrough drug therapies and treatments, health research not only expands the frontiers of science, but also delivers direct benefits to health care in this country. It helps create efficiencies, eliminate disparities, prevent costly chronic diseases, and most importantly – save lives.

As a founding member of Research!America, the physicians of the American Medical Association ardently support funding for medical and scientific research. We have witnessed the difference it makes in our patients' lives firsthand. Like Research!America, the AMA is committed to improving the health of the nation.

OUR STRATEGIC PLAN AIMS TO ACHIEVE THREE AMBITIOUS GOALS:

- *Improve patient outcomes associated with type II diabetes and cardiovascular disease*
- *Advance innovation in medical education so that future physicians can answer the needs of our evolving health care system*
- *Foster a sustainable practice environment that enables physicians to provide high-quality care*

Research plays a crucial role in achieving each of these goals, as does advocacy and collaboration – areas Research!America knows well. Through your polls and campaigns you are sending a clear message to the nation that medical research not only generates life-saving discoveries, but also fuels job growth and helps control surging costs.

During this period of intense budgetary pressure the AMA commends Research!America for helping to secure desperately needed funding. Without adequate investment in research we cannot continue to make progress in our fight against Alzheimer's, cancer, heart disease, and so many other debilitating conditions. The United States boasts a rich history of leadership in medical innovation, and we have a national responsibility to ensure that tradition continues for years to come.



James L. Madara, MD
EXECUTIVE VICE
PRESIDENT AND CEO
AMERICAN MEDICAL
ASSOCIATION

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Look for these indicators
throughout this publication



Indicates new question
not previously asked
by Research!America.



Indicates significant
change from previous
years.

Due to rounding, the total may not add to 100% on some charts.

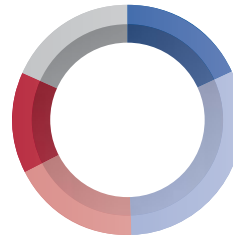
2015 PRIORITIES

"There are currently over 7,000 diseases yet we only have cures for 500 of them. This is unacceptable. By working together, our path to faster cures is clearer than ever."

REP. FRED UPTON (R-MI)

Americans SUPPORT SWIFT congressional ACTION ON R&D

How important is it that the new 114th Congress takes action on assuring the discovery, development, and delivery of treatment and cures for diseases in the first 100 days of the legislative session?

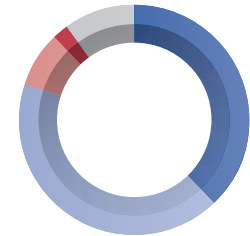


27% Very Important
40% Somewhat Important
19% Not Too Important
7% Not At All Important
7% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

IMPORTANT FOR ELECTED OFFICIALS TO LISTEN TO SCIENTISTS

How important is it that elected officials at all levels listen to advice from scientists?

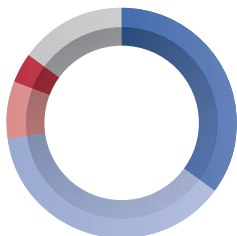


38% Very Important
42% Somewhat Important
8% Not Too Important
2% Not At All Important
10% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

AMERICANS SAY GOVERNMENT SHOULD ELEVATE STEM EDUCATION

Do you agree or disagree the federal government should assign a higher priority to improving education focused on science, technology, engineering and mathematics and careers in those fields?



35% Strongly agree
38% Somewhat agree
8% Somewhat disagree
4% Strongly disagree
15% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2014

"We are in an exciting era of medicine that holds tremendous potential to improve treatments and outcomes for patients. But to realize this potential, we must ensure that our nation's discovery and development processes are working as well as possible."

SEN. RICHARD BURR (R-NC)

"In the last two centuries, U.S. government support for scientific research has helped split the atom, defeat polio, conquer space, create the Internet, map the human genome, and much more. No nation has ever made such a significant investment in science, and no nation's scientists have ever done more to improve the quality of life on Earth. But America's place as the world's innovation leader is at risk as we are falling behind in our investment in biomedical research."

SEN. DICK DURBIN (D-IL)

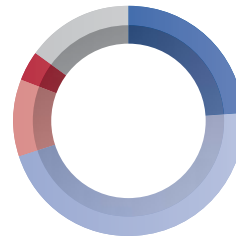
ADVANCING DISCOVERY, DEVELOPMENT AND DELIVERY

"Our future is brimming with potential discoveries if we are willing to work to find them. Biomedical research discoveries transform lives, so we must ensure researchers have adequate resources and an environment that delivers breakthroughs to patients."

REP. DIANA DEGETTE (D-CO)

MAJORITY AGREE THAT BASIC RESEARCH IS CRITICAL

Do you agree or disagree with the following statement?
"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."



24% Strongly agree
46% Somewhat agree
11% Somewhat disagree
4% Strongly disagree
15% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

SCIENTISTS SHOULD HAVE MOST INFLUENCE OVER HOW GOVERNMENT FUNDS RESEARCH

Which one of the following do you feel should have the most influence on how government funds for research to improve health are spent?



41% Scientists who conduct the research to improve health
22% Patients with various diseases and their families
11% Elected Officials
4% Other (Specify)
21% None/Not Sure

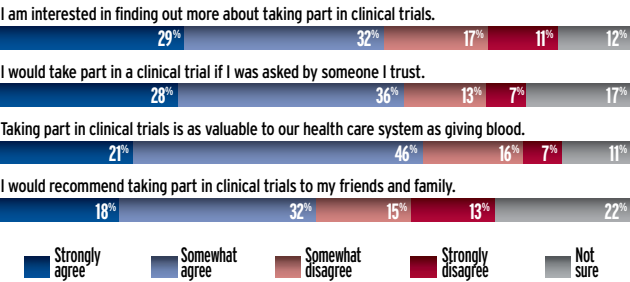
Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015



TREND CHANGE FROM 2013
STATEMENT A PERCENTAGE
INCREASED

Americans are interested in clinical trials

Do you agree or disagree with each of the following statements?

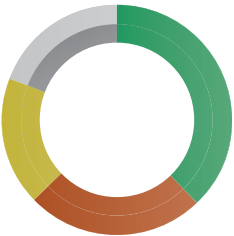


Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in May 2013

PLURALITY: FDA SHOULD SPEED DRUG APPROVAL

STATEMENT A: Some people say the Food and Drug Administration (FDA) should move more quickly in order to get new treatments to patients, even if it means there may be risks.

STATEMENT B: Other people say the FDA should act more slowly in order to reduce risk, even if it means patients may wait for treatments.

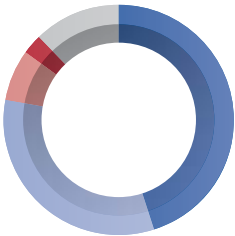


38% Statement A
25% Statement B
18% Neither
19% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

IMPORTANT TO FUND RESEARCH ON U.S. HEALTH CARE SYSTEM

How important is it that our nation supports research that focuses on improving how our health care system is functioning?



45% Very Important
33% Somewhat Important
7% Not Too Important
3% Not At All Important
12% Not sure

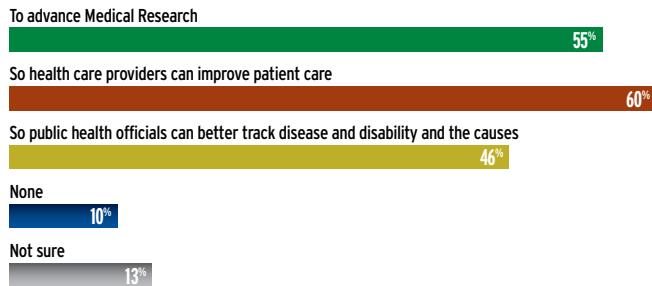
Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

“We are feeling more and more confident that we are on the cusp of a treatment revolution.”

ROGER PERLMUTTER, MD, PHD EXECUTIVE VICE PRESIDENT, MERCK & CO.

Americans Willing to Share Personal Health Data for Research and Health Care

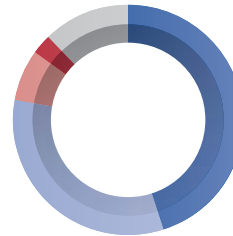
For which of the following would you be willing to share your personal health information?
(Choose all that apply)



Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

Research Investments Critical to Job Growth and Economy

How important is investing in research to job creation, technological breakthroughs and economic growth?

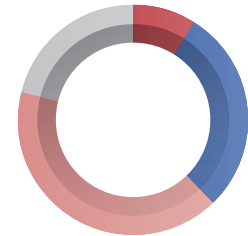


40% Very Important
39% Somewhat Important
6% Not Too Important
2% Not At All Important
14% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

Plurality Say Government Funding of Research Isn't Enough

Roughly one-and-a-half percent of government spending is allocated for biomedical and health research. Would you say that amount is...



9% Too Much
29% About Right
41% Not Enough
21% Not sure

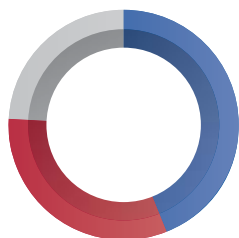
Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

"The accumulated evidence that we, as a nation, cannot afford Alzheimer's disease is now overwhelming ... our only option to avoid these crippling costs is to invest in research now at levels reflecting the magnitude of the epidemic."

HARRY JOHNS CEO, ALZHEIMER'S ASSOCIATION

PLURALITY WILLING TO PAY MORE IN TAXES TO FUND RESEARCH

Would you be willing to pay \$1 per week more in taxes if you were certain that all of the money would be spent on additional medical research?

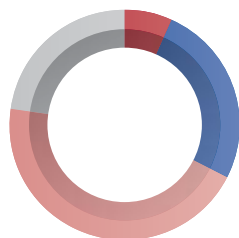


44% Yes
32% No
24% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

GOVERNMENT FUNDS FOR RESEARCH NOT ENOUGH TO BENEFIT MILITARY

Would you say government investment in health research for the benefit of military veterans and service members is...

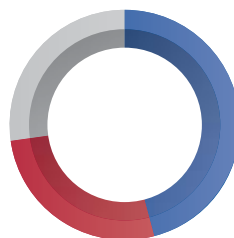


7% Too Much
26% About Right
45% Not Enough
23% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

NEARLY HALF SUPPORT USE OF ANIMALS IN MEDICAL RESEARCH

Do you believe the use of animals in medical research is necessary for progress in human health?



46% Yes
27% No
27% Not sure

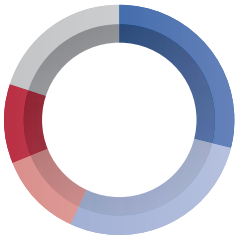
Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

"Science has made major advances in the way cancer is prevented, detected and treated, but defeating the disease requires that lawmakers support legislation that enables additional scientific discovery and makes lifesaving approaches widely available."

JOHN SEFFRIN, PHD
 CEO, AMERICAN CANCER SOCIETY
 CANCER ACTION NETWORK

MAJORITY FAVOR FEDERAL SUPPORT FOR EMBRYONIC STEM CELL RESEARCH

Do you favor or oppose
expanding federal funding
for research using embryonic
stem cells?

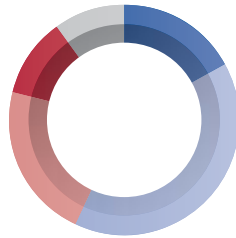


29% Strongly favor
28% Somewhat favor
12% Somewhat oppose
11% Strongly oppose
20% Not sure

Source: A Research!America poll of U.S. adults
conducted in partnership with Zogby Analytics
in January 2015

LESS THAN TWO- THIRDS CONFIDENT IN SYSTEM TO EVALUATE vaccine SAFETY

How confident are you in our
current system in the U.S. for
evaluating the safety of vaccines
and recommendations for
when they should be given?



17% Very Confident
39% Somewhat Confident
22% Not Too Confident
11% Not At All Confident
10% Not sure

Source: A Research!America poll of U.S. adults
conducted in partnership with Zogby Analytics
in January 2015

*"Public health really is a best buy. It's what protects
all of us. It's what keeps us safe. It's what prevents
problems from coming into this country and every
dollar we invest is going to pay off."*

TOM FRIEDEN, MD, MPH DIRECTOR, CENTERS FOR DISEASE
CONTROL AND PREVENTION

American Leadership and Competitiveness

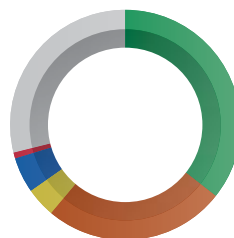
"As a committed partner in the global community of scientific research, NSF believes it is imperative that all of us promote the benefits that investing in research and discovery yield to everyone on the planet."

FRANCE CORDOVA, PHD
DIRECTOR, NATIONAL SCIENCE FOUNDATION



Nearly Two-Thirds Doubt U.S. Leadership in Science and Technology in 2020

In your view, which of the following will be considered the number one world leader in science and technology in the year 2020?

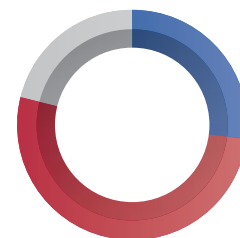


36% United States
26% China
4% India
5% European Union
1% Brazil
29% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in August 2014

Only About a Quarter of Americans Believe U.S. Healthcare is Best in World

Do you believe the United States has the best health care system in the world?



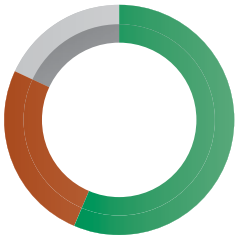
27% Yes
52% No
21% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

Majority say it's important for U.S. to lead in research

STATEMENT A: It is important that the U.S. is a leader in medical and health research.

STATEMENT B: It does not matter where in the world medical and health research takes place, U.S. consumers will benefit regardless.

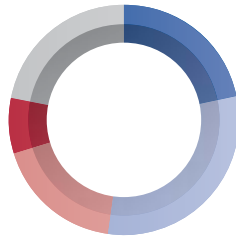


57% Statement A
26% Statement B
18% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

Important to make R&D tax credit permanent

Since 1981, the federal government has offered a tax credit to businesses pursuing research and development activities. This credit is not permanent, however, and has to be reconsidered regularly. This prevents businesses from being able to plan ahead when it comes to R&D spending. On the other hand, the federal government loses billions in revenue annually with this credit. How important is it that the federal research and development tax credit is made permanent?

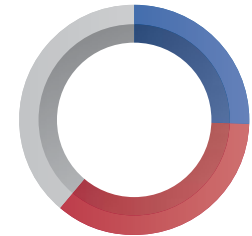


22% Very Important
31% Somewhat Important
18% Not Too Important
8% Not At All Important
22% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

Only 1 in 4 know research conducted in every state

To the best of your knowledge, would you say that medical research in the U.S. is conducted in all 50 states?



26% Yes
36% No
39% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

BENEFITS OF RESEARCH

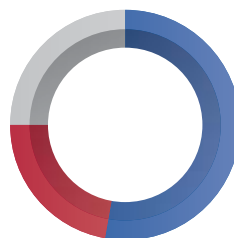
"The good news is that recent dramatic advances in basic research are opening new windows of opportunity for therapeutics...But this challenge is beyond the scope of any one of us and it's time to work together in new ways to increase our collective odds of success."

FRANCIS COLLINS, MD, PHD
DIRECTOR, NATIONAL INSTITUTES OF HEALTH



MAJORITY AGREE RESEARCH HAS BENEFITED FAMILY'S HEALTH

Would you say your family's health has been improved by medical research?

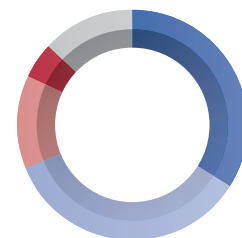


53% Yes
22% No
25% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

IMPORTANT TO CONDUCT RESEARCH TO ELIMINATE HEALTH DISPARITIES

Studies show that certain health problems such as diabetes, heart disease, and infant mortality happen more often among minorities or citizens with lower incomes. How important do you feel it is to conduct medical or health research to understand and eliminate these differences?

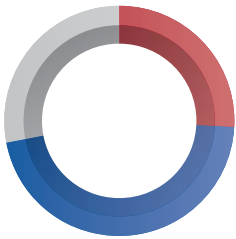


34% Very Important
35% Somewhat Important
13% Not Too Important
5% Not At All Important
13% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

RESEARCH IS PART OF THE SOLUTION TO RISING HEALTH CARE COSTS

When it comes to rising health care costs, would you say research to improve health is part of the problem or part of the solution?



26% Part of the Problem

46% Part of the Solution

28% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics in January 2015

"As healthcare systems around the globe increasingly shift to value-based decisions, our approach to medical innovation is evolving. Data generation now goes beyond safety and efficacy trials to include health economics trials, comparative efficacy studies and the reporting of real-world evidence that individually and collectively help to further demonstrate the value of our medicines to patients, physicians and payers."

JEFFREY D. BLOSS, MD SR. VICE PRESIDENT, ASTELLAS SCIENTIFIC & MEDICAL AFFAIRS, INC.

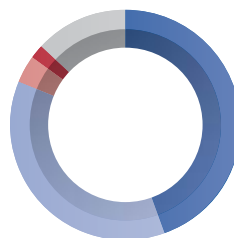
CASE STUDY: EYE AND VISION RESEARCH

"Investments in medical eye research over the past half century have produced tremendous results. But the current economy has put many research labs in jeopardy. Looking forward, I would hope the American people will continue to lead the way in developing solutions to eye disease."

PAUL SIEVING, MD, PHD
DIRECTOR, NATIONAL EYE
INSTITUTE

IMPORTANT TO SUPPORT RESEARCH TO PREVENT AND TREAT EYE DISORDERS

How important is it that our nation supports research that focuses on improving prevention and treatment of eye and vision disorders?

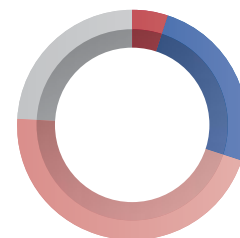


45% Very Important
37% Somewhat Important
4% Not Too Important
2% Not At All Important
13% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics with support from Research to Prevent Blindness and the Alliance For Eye and Vision Research, August 2014.

NEARLY HALF SAY GOVERNMENT FUNDS FOR EYE AND VISION RESEARCH NOT ENOUGH

The federal government spends on average \$2.10 per person each year on eye and vision research. Would you say that is ...



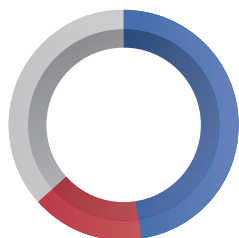
5% Too Much
25% About Right
46% Not Enough
24% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics with support from Research to Prevent Blindness and the Alliance For Eye and Vision Research, August 2014.



VARIOUS SECTORS SHOULD FUND EYE AND VISION RESEARCH

In addition to the federal government, industry, patient groups and philanthropies pay for eye and vision research. Do you think all sectors should increase funding for this type of research?

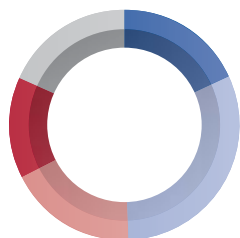


48% Yes
16% No
37% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics with support from Research to Prevent Blindness and the Alliance For Eye and Vision Research, August 2014.

NEARLY HALF LIKELY TO PARTICIPATE IN A CLINICAL TRIAL ON EYE RESEARCH

If a health care provider found a clinical trial on eye and vision research and recommended you join, how likely would you be to participate in a clinical trial?



18% Very Likely
31% Somewhat Likely
18% Not Very Likely
14% Not At All Likely
18% Not sure

Source: A Research!America poll of U.S. adults conducted in partnership with Zogby Analytics with support from Research to Prevent Blindness and the Alliance For Eye and Vision Research, August 2014.

"Although vision loss remains top-of-mind, we must continue to educate and advocate for research, especially due to an increasing at-risk aging population, vision disorders resulting from chronic diseases, and the disproportionate incidence of eye disease in growing minority populations."

JAMES JORKASKY EXECUTIVE DIRECTOR, ALLIANCE FOR EYE AND VISION RESEARCH

Research!America began commissioning polls in 1992 in an effort to understand public attitudes toward medical, health and scientific research, and this informs our advocacy. The results of Research!America's polls have proven invaluable to our alliance of member organizations and, in turn, to the fulfillment of our mission to make research to improve health a higher national priority. In response to growing usage and demand, Research!America has expanded its portfolio, which includes state, national and issue-specific polling. More poll data is available by request or at www.researchamerica.org.

SURVEY METHODOLOGY

Online polls are conducted with a sample size of 800-1,052 adults (age 18+) and a maximum theoretical sampling error of +/- 3.2%. Data are demographically representative of adult U.S. residents. Polling in this publication was conducted by Zogby Analytics.

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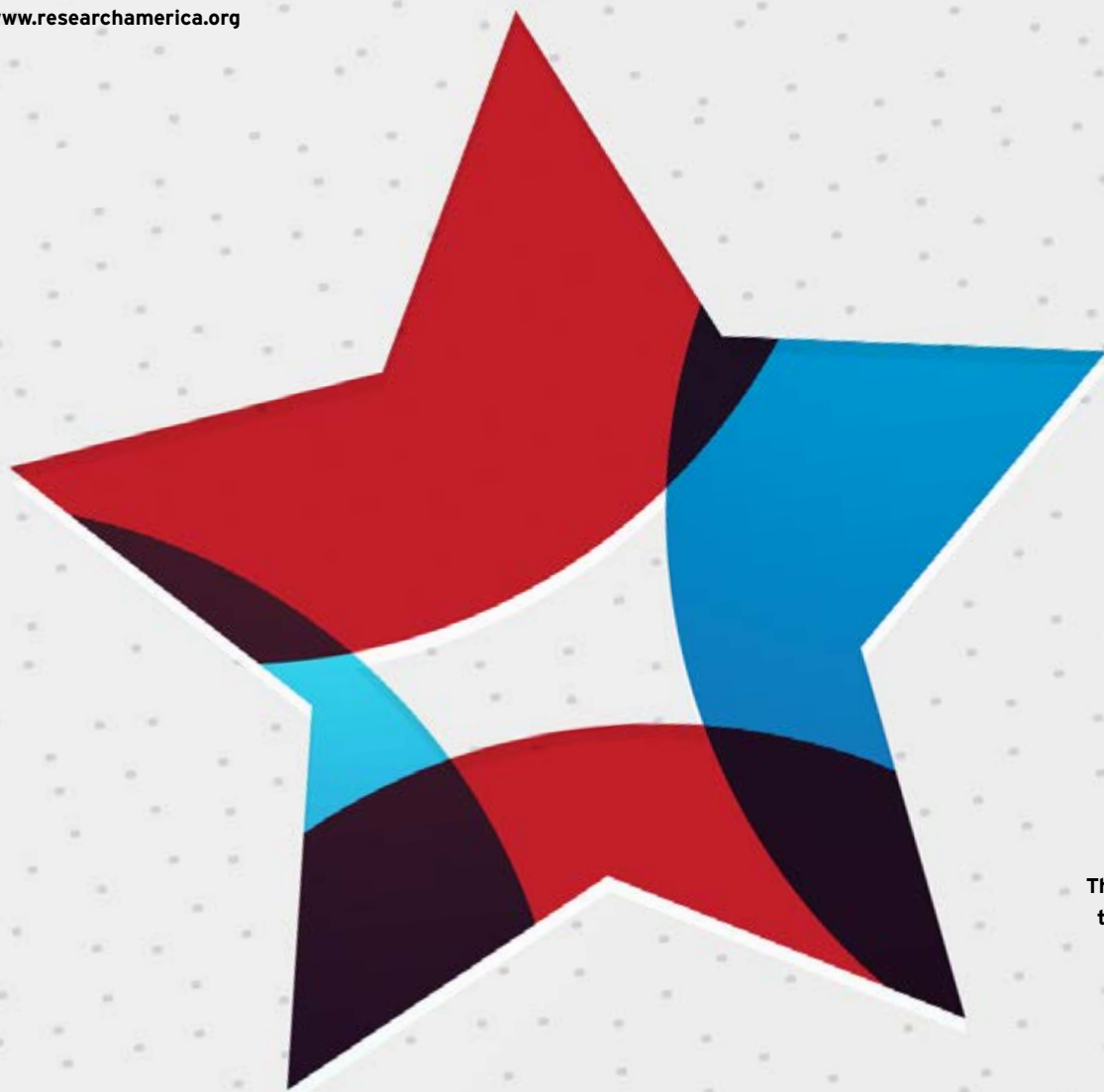
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