



MESSAGE FROM COCCENSION OF THE PROPERTY OF T



Mary WoolleyPresident and CEO
Research!America

Research!America's latest Poll Data Summary presents an important snapshot of public priorities as they concern medical and health research as well as science and technology more broadly. Understanding public sentiment is vital to assuring that public investment and public policies reflect public priorities. This 23rd edition of our Poll Data Summary, made possible with the generous support of the American Medical Association, shows strong public agreement concerning the value of our nation's science and technology (S&T) enterprise and the need for investment. The majority of Americans – regardless of political party affiliation – support Congress investing more taxpayer dollars to advance science and technology in the U.S. (62%).

Our national findings strongly underscore that the public not only wants to invest more in S&T, it wants to hear from the science community, with 8 in 10 respondents regarding communication with the public as part of the job of scientists. Americans also want scientists and public health officials to speak to elected officials about the impacts of their research (90%).

Americans also tell us that the U.S. is experiencing a mental health crisis, and say it is important to increase funding for research in

this area. Additional high-profile health concerns for Americans include opioid addiction, climate change, and antibiotic resistance, among other issues. Public sentiment is clear: research can deliver solutions, but increased investment in medical and scientific progress is needed to keep pace!

Our recent work commissioning surveys has benefitted from partnerships that allowed us to assess public sentiment in specific areas. Our survey in partnership with Virginia Tech highlighted state-level concerns; our survey in partnership with the Dana Foundation showed Americans' views on brain health. We would love to partner with you as well — what issue or demographic would you like to understand better?

We hope you will share this summary with your network. Research!America will continue to work with our members to make public perspectives broadly known; to support public engagement by the science community; and to work together with all stakeholders to raise the volume of advocacy for science. We are strongest when we work together!

SURVEY HIGHLIGHTS:

- More than 3 in 4 Americans (85% of Democrats, 71% of Republicans, 73% of independents) say investing in research and development is creating employment opportunities for people in the United States.
- Most Americans (91%) say it is important for the U.S. to be a global leader in science and technology and 77% are concerned that China will surpass the U.S. as the world's leading S&T power.
- Cost of health care was cited as the single most important health issue facing the nation, with COVID-19, cancer, and mental health close behind. (COVID-19 was by far the top-cited issue in last year's Poll Data Summary.)
- Regardless of party affiliation, Americans are concerned about the impact of misinformation/disinformation on public health (88%), climate change (79%), and stable democracy (85%).
- More than half of Americans feel curious, hopeful, and optimistic about brain health research and a strong majority, across party lines, are in favor of increased federal funding for brain health research (78%).

MESSAGE FROM THE AMERICAN MEDICAL ASSOCIATION



James L. Madara, MD
CEO, American Medical
Association

The Mission of the American Medical Association (AMA) to promote the art and science of medicine and the betterment of public health aligns with and is advanced by the work of Research!America. That is why the AMA is proud to be one of its founding members, and why we continue to work closely with Research!America as vigorous advocates for evidence-based science, discovery, and innovation.

The insights found in America Speaks!:

Poll Data Summary, Volume 23 provide the basis for a great deal of optimism while also highlighting areas of concern. For example, a January 2023 survey showed that public confidence in physicians, nurses, and scientists has grown considerably compared to 2022, identifying all three professions as the most trusted to act in the public's best interests.

However, that same survey showed that nearly half of those responding believed the crisis of opioid addiction had worsened in their community over the past five years, with a particular emphasis on growing problems in rural areas.

Other poll results show that health care costs have supplanted COVID-19 as the single most important health issue currently confronting our nation. And while Democrats and Republicans have difficulty finding common ground on many issues, it is encouraging that well over 80% of survey participants strongly or somewhat agreed with the statement that federal officials should give much greater emphasis to science, technology, engineering, and math education and careers.

Because our missions are so intertwined, the AMA is always eager to partner with Research!America to provide advocacy, leadership, and outreach that supports expanded medical and scientific research. Our proactive advocacy on behalf of physicians and their patients has aligned perfectly with Research!America's ongoing work.

On behalf of all of us at the AMA, we thank Research!America for your continued efforts to build public support for expanded research into the cure, treatment, and prevention of disease and mental illness.



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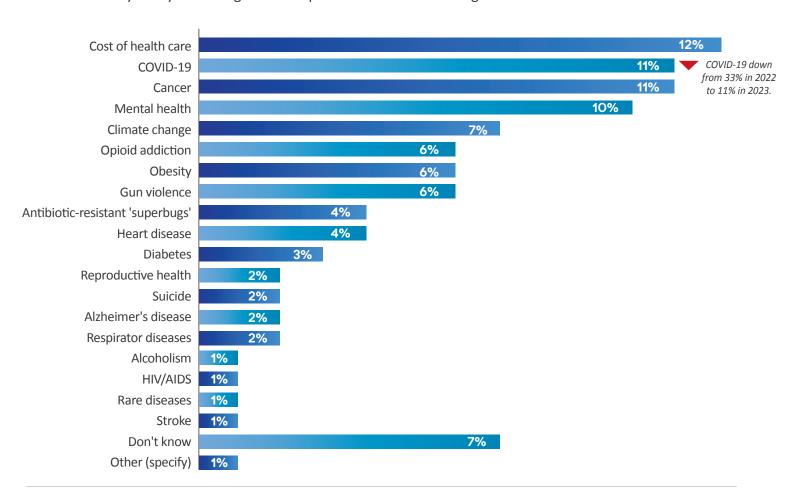




PRIORITIES

COST OF HEALTH CARE IS THE MOST IMPORTANT HEALTH ISSUE

What would you say is the single most important health issue facing the nation?



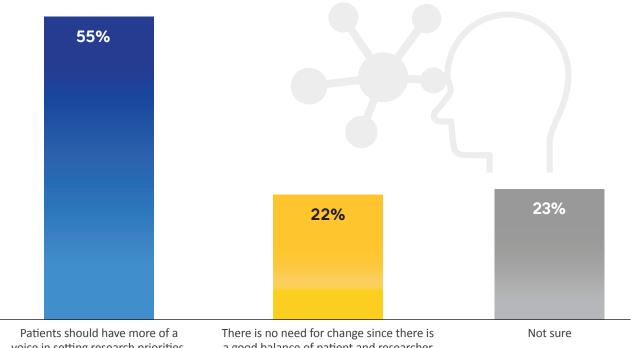
 $Source: A\ Research! America\ survey\ of\ U.S.\ adults\ conducted\ in\ partnership\ with\ Zogby\ Analytics\ in\ January\ 2023.$





MORE THAN HALF SAY PATIENTS SHOULD HAVE A VOICE IN SETTING HEALTH RESEARCH PRIORITIES

Some people say that patients should have more of a voice in determining health research priorities. In general, which statement most closely matches your view?



voice in setting research priorities.

a good balance of patient and researcher input in setting research priorities.



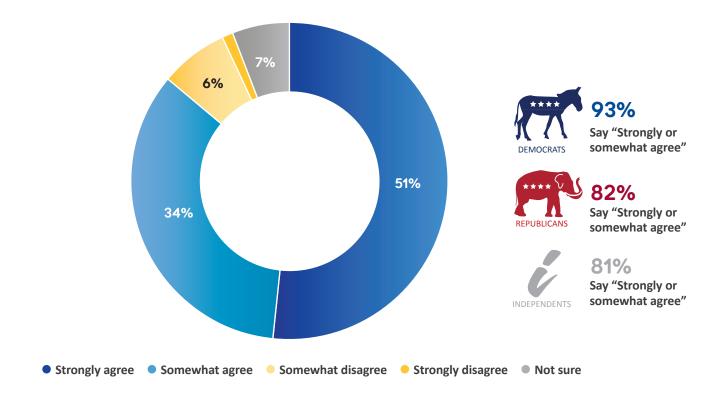
"The only way to achieve our goals is through advancing science but in a way that reflects the kind of solidarity with those most in need."

- Margaret Hamburg, MD, Co-chair InterAcademy Partnership, Former FDA Commissioner



STRONG SUPPORT FOR IMPROVING K-12 STEM EDUCATION

Do you agree or disagree that the federal government should assign a higher priority to improving K-12 education focused on science, technology, engineering, and mathematics and careers in those fields?

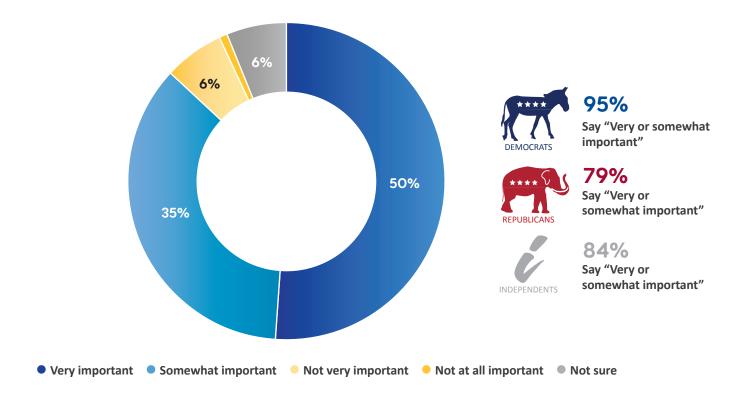






85% SUPPORT RESEARCH TO ADDRESS HEALTH DISPARITIES

Studies show that in addition to increased risk from COVID-19, some health problems such as cancer, diabetes, heart disease, and infant mortality happen more often among certain minorities or citizens with lower incomes. How important do you feel it is to conduct research to combat health disparities?



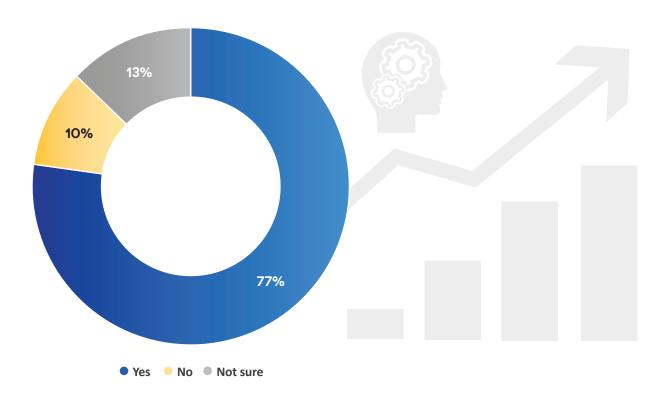






AMERICANS AGREE THAT THERE IS A MENTAL HEALTH CRISIS IN U.S.

Is there a mental health crisis in the U.S. today?





[&]quot;Alliances across scientists, engineers, innovators, entrepreneurs, health leaders, policymakers, and the public are essential to unlocking the power of breakthrough science."

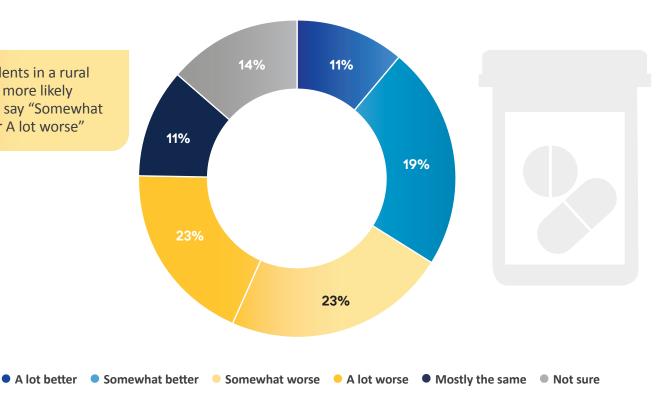
[–] William N. Hait, MD, PhD, Executive VP, Chief External Innovation & Medical Safety Officer, Interim Head, Janssen R&D



OPIOID ADDICTION CONTINUES TO BE A MAJOR PROBLEM

In the past 5 years, do you think the problem of people being addicted to opioids in your local community has gotten better, gotten worse, or remained about the same?

Respondents in a rural area are more likely (68%) to say "Somewhat worse or A lot worse"





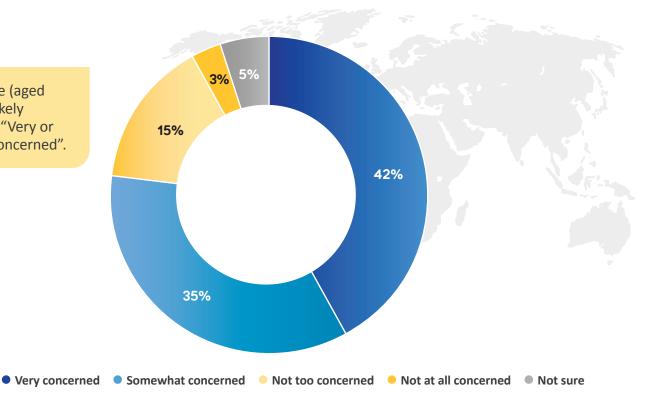




77% ARE CONCERNED THAT CHINA WILL SURPASS THE U.S. AS A GLOBAL S&T POWER

How concerned are you with the possibility of China surpassing the U.S. as the world's leading science and technology power?

Young people (aged 18-24) less likely (65%) to say "Very or somewhat concerned".



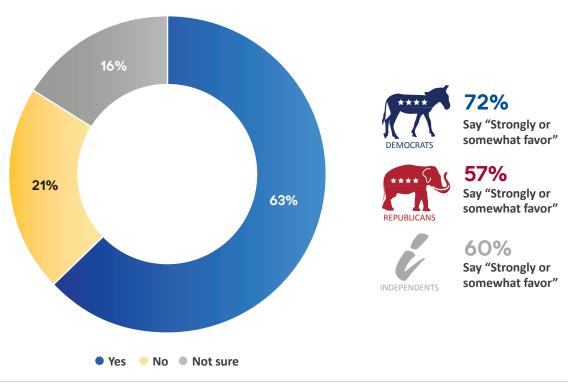




SUPPORT FOR HEALTH RESEARCH

63% WILLING TO PAY MORE TAXES IN SUPPORT OF HEALTH 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?



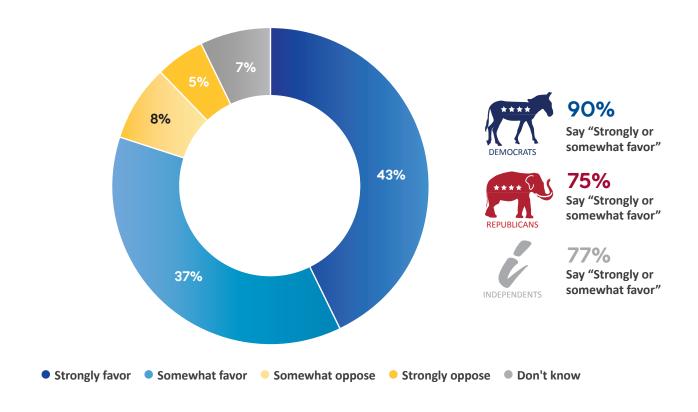
Source: A Research! America survey of U.S. adults conducted in partnership with Zogby Analytics in January 2023.



"We reap the rewards of research every single day — from vaccines to maternal health practices, Alzheimer's care to substance use therapy, and most recently, COVID-19 prevention and treatment — the benefits are literally life-saving."

8 IN 10 FAVOR INCREASED FEDERAL SPENDING ON VACCINE RESEARCH

Do you favor or oppose increased federal spending on research to improve and find new vaccines?





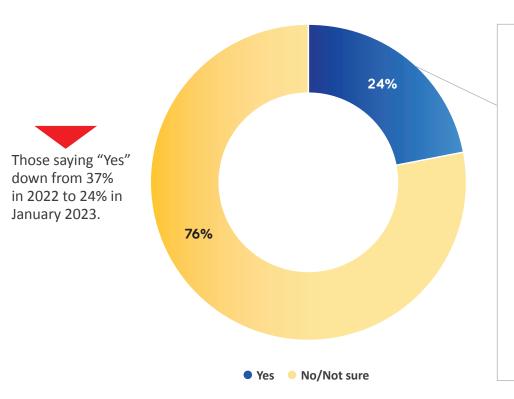




VISIBILITY

3 IN 4 CANNOT NAME A LIVING SCIENTIST

Can you name a living scientist?



Anthony Fauci	45%
Neil deGrasse Tyson	12%
Bill Nye	7%
Alain Aspect	5%
Stephen Hawking*	3%
Tim Berners-Lee	2%
Elon Musk	2%
Allen Bard	2%
James Watson	2%
Alan Guth	2%
Jane Goodall	2%
Other	14%

*Deceased

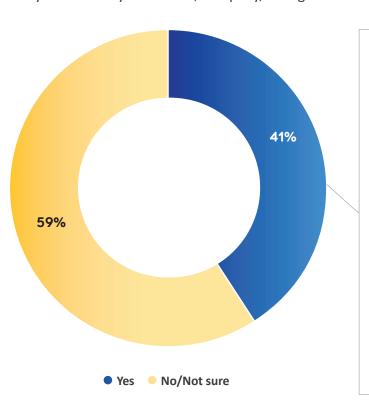
Source: A Research! America survey of U.S. adults conducted in partnership with Zogby Analytics in January 2023.





2 IN 3 CANNOT NAME A MEDICAL OR HEALTH RESEARCH INSTITUTION

Can you name any institution, company, or organization where medical or health research is conducted?



Mayo Clinic	18%
Johns Hopkins	18%
Pfizer	8%
National Institutes of Health (NIH)	8%
St. Jude	8%
World Health Organization	3%
MD Anderson	2%
UCLA	2%
Yale University	2%
Stanford University	2%
Other	30%



Mayo Clinic up from 11% in 2022 to 18% in 2023.



Johns Hopkins up from 8% in 2022 to 18% in 2023.

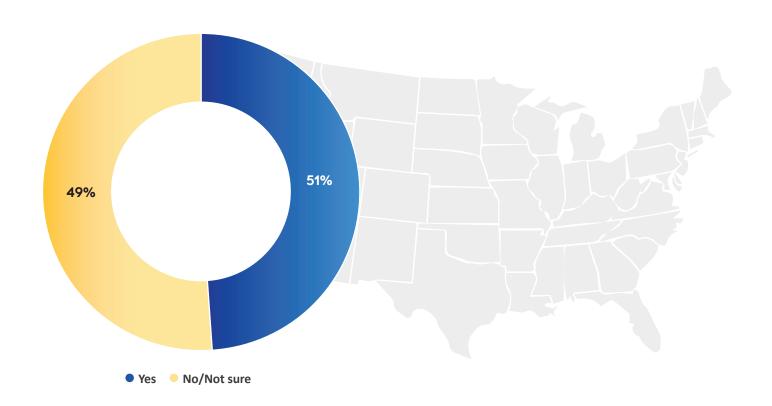
Source: A Research! America survey of U.S. adults conducted in partnership with Zogby Analytics in January 2023.

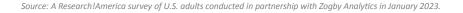




HALF UNAWARE RESEARCH IS CONDUCTED IN ALL 50 STATES

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





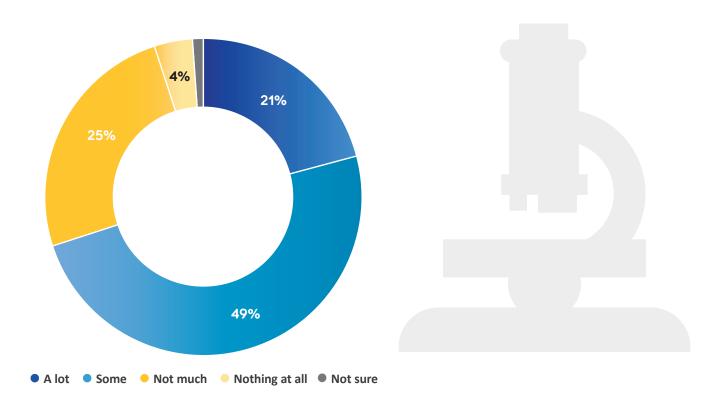




7 IN 10 HAVE AT LEAST SOME SCIENTIFIC KNOWLEDGE

How much do you, personally, know about science?







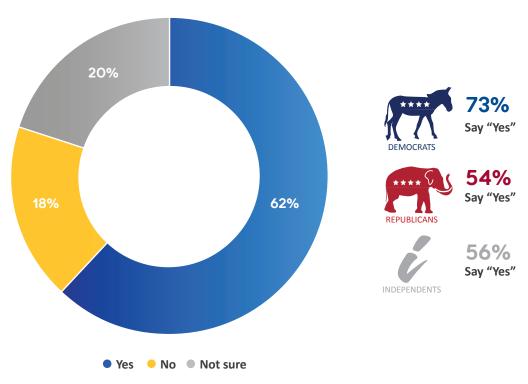




STRENGTHENING SCIENCE AND TECHNOLOGY

6 IN 10 SAY MORE TAXPAYER DOLLARS SHOULD BE INVESTED IN S&T

Do you believe Congress should invest more taxpayer dollars to advance science and technology in the U.S.?



Source: A Research! America survey of U.S. adults conducted in partnership with Zogby Analytics in January 2023.

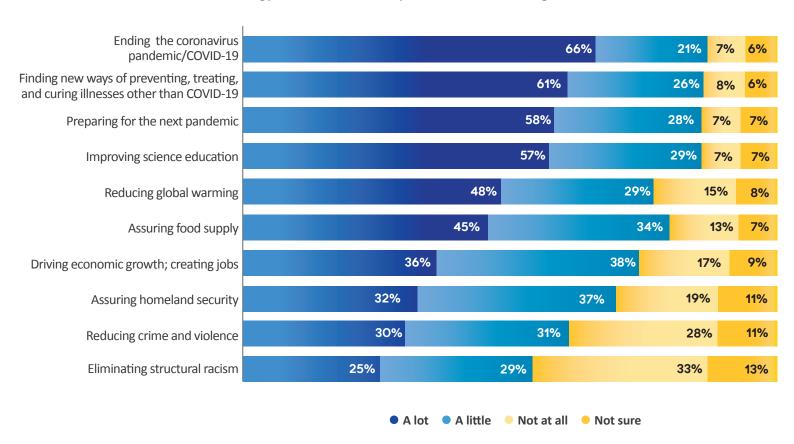


"Maintaining and encouraging R&D activities here in the United States is critical to providing high-quality jobs for Americans and ensuring our country remains competitive with our international rivals, most notably China."

Senator Todd Young (R-IN)

AMERICANS SAY S&T CAN HELP ADDRESS CHALLENGES FACING THE U.S.

How much can science, technology, and innovation help address the following issues?



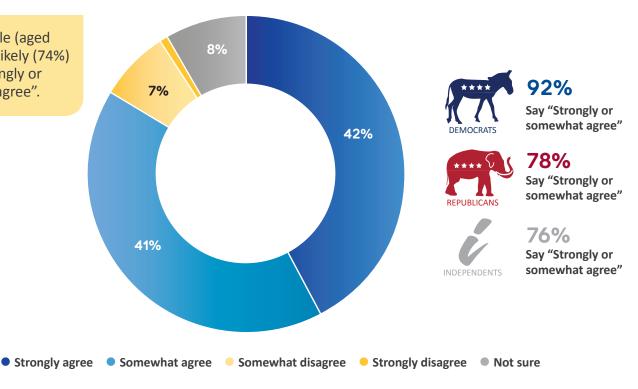
Source: A Research! America survey of U.S. adults conducted in partnership with Zogby Analytics in January 2023.



HIGH BIPARTISAN SUPPORT FOR BASIC RESEARCH

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.

Young people (aged 18-24) less likely (74%) to say "Strongly or somewhat agree".

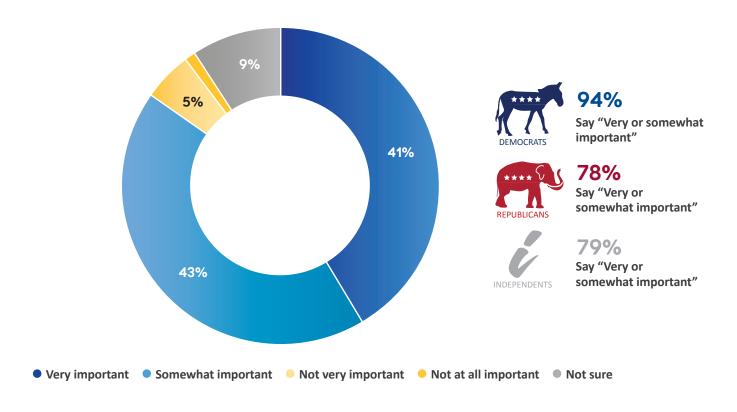






STRONG SUPPORT FOR GOVERNMENT TO INCENTIVIZE PRIVATE SECTOR S&T INVESTMENT

How important is it for the federal government to support incentives for private sector investment in science and technology?

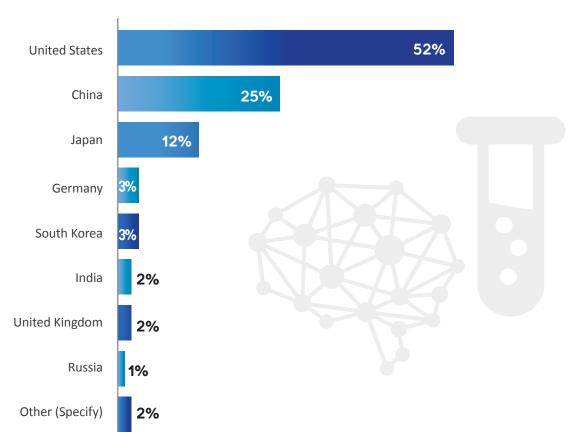






AMERICANS BELIEVE U.S. WILL BE S&T WORLD LEADER IN 2030, FOLLOWED BY CHINA

In your view, which of the following will be the number one world leader in science and technology in the year 2030?



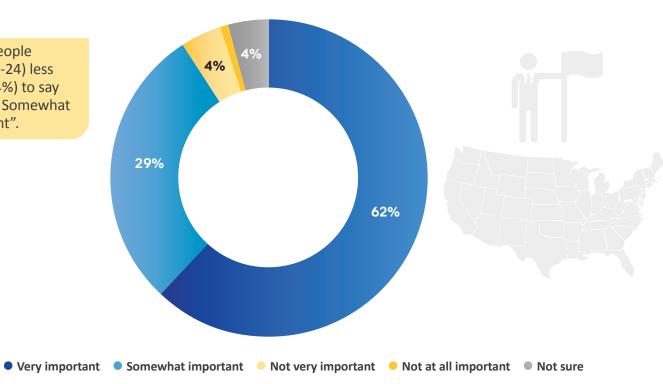
Source: A Research! America survey of U.S. adults conducted in partnership with Zogby Analytics in January 2023.



MOST AMERICANS SAY IT IS IMPORTANT THAT THE U.S. **BE A LEADER IN S&T**

How important do you think it is that the U.S. is a global leader in science and technology?

Young people (aged 18-24) less likely (74%) to say "Very or Somewhat important".





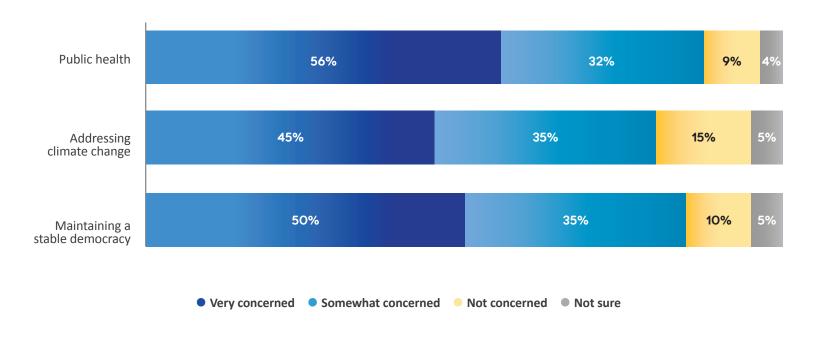




TRUST IN SCIENCE

MOST AMERICANS ARE CONCERNED ABOUT THE IMPACT OF MISINFORMATION

Misinformation is false or inaccurate information, while disinformation is false information which is deliberately intended to mislead. Please indicate to what extent you are concerned with the impact of misinformation/disinformation on the following?



Source: A Research!America survey of U.S. adults conducted in partnership with Zogby Analytics in January 2023.



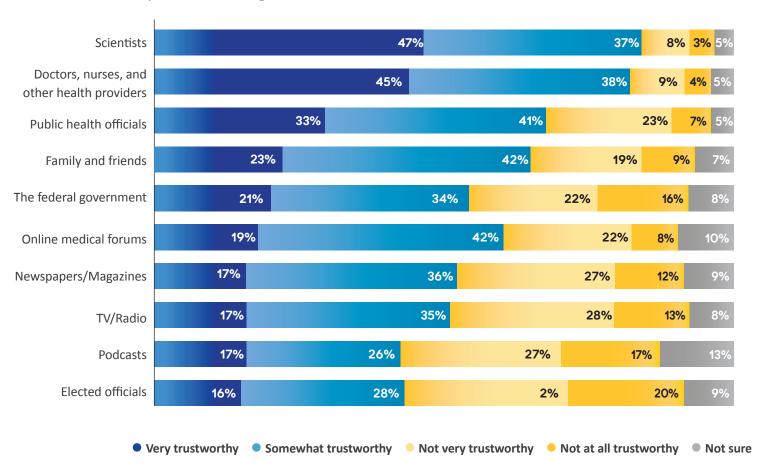
"Trust in the healthcare and research teams led to participation in clinical trials, drug advances, and uptake of proven therapies. You can't have the trust without communication or without faithfulness, consistency, and repeated contact. It is earned, but it takes time."

- Pamela B. Davis, MD, PhD, Arline H. and Curtis F. Garvin Research Professor, Case Western University



SCIENTISTS AND HEALTH CARE PROVIDERS ARE MOST TRUSTED SOURCES OF HEALTH INFORMATION

How trustworthy are the following sources of medical and health information?



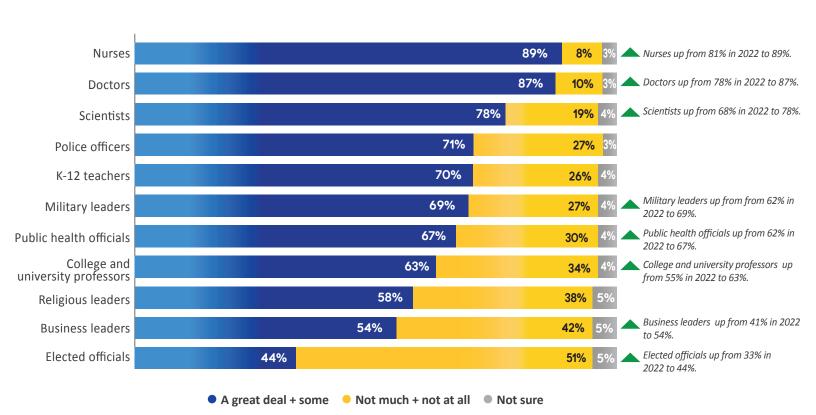
Source: A Research! America survey of U.S. adults conducted in partnership with Zogby Analytics in January 2023.





CONFIDENCE IN HEALTH CARE PROVIDERS AND SCIENTISTS IS HIGH

How much confidence do you have in each of the following to act in your best interest?



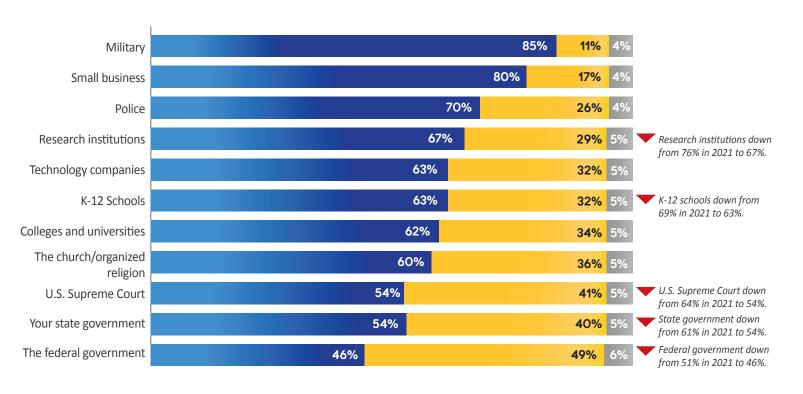
Source: A Research! America survey of U.S. adults conducted in partnership with Zogby Analytics in January 2023.





CONFIDENCE IN INSTITUTIONS

How much confidence do you have in each of the following institutions?



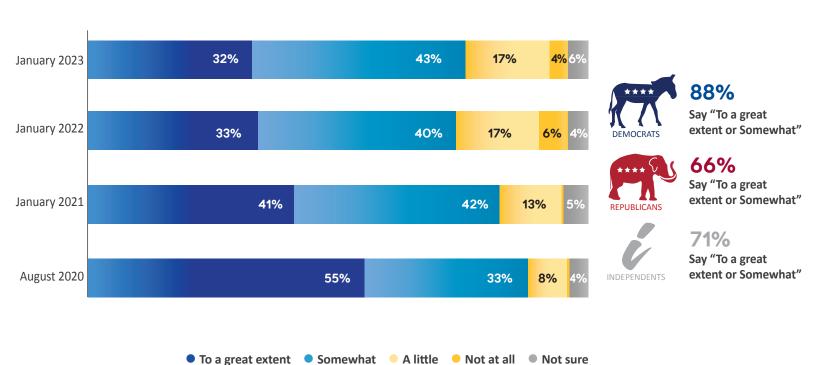
A great deal + some
 Not much + not at all
 Not sure





BELIEF IN THE BENEFIT OF THE WORK OF SCIENTISTS IS DECLINING

In general, do you think the work that scientists do benefits you?



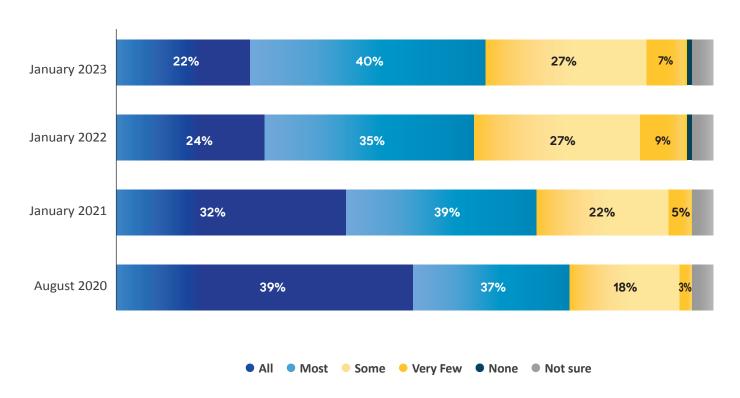






6 IN 10 THINK THE WORK OF SCIENTISTS BENEFITS ALL OR MOST IN AMERICA, BUT PERCENTAGES ARE SLIPPING

In general, do you think the work that scientists do benefits all, most, some, very few people, or none in this country?



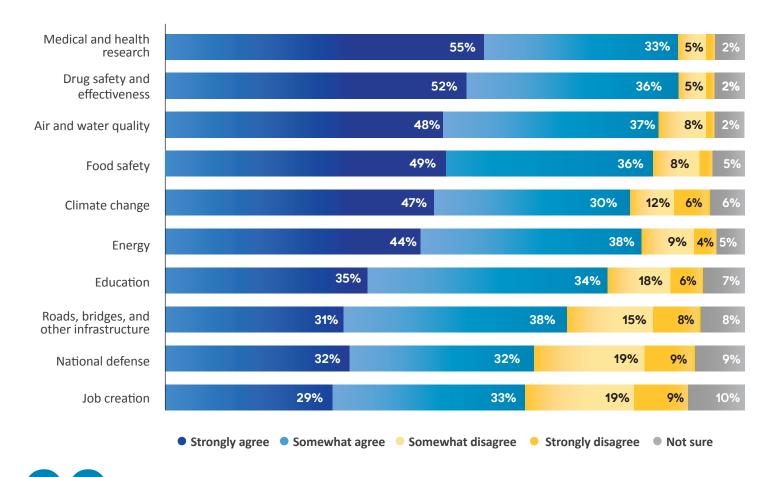
 $Source: A\ Research! America\ survey\ of\ U.S.\ adults\ conducted\ in\ partnership\ with\ Zogby\ Analytics\ in\ January\ 2023.$

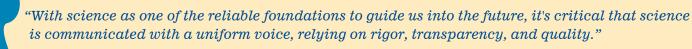




AMERICANS AGREE SCIENTISTS SHOULD PLAY A ROLE IN SHAPING POLICY

Do you agree or disagree that scientists SHOULD play a major role in shaping policy for each of the following?





— Mikael Dolsten, MD, PhD, Chief Scientific Officer and President of Worldwide Research, Development and Medical, Pfizer Inc.

GLOBAL HEALTH AND LEADERSHIP

FEDERAL GOVERNMENT
SHOULD INVEST IN PREVENTING
AND CURING DISEASES
WHEREVER THEY OCCUR

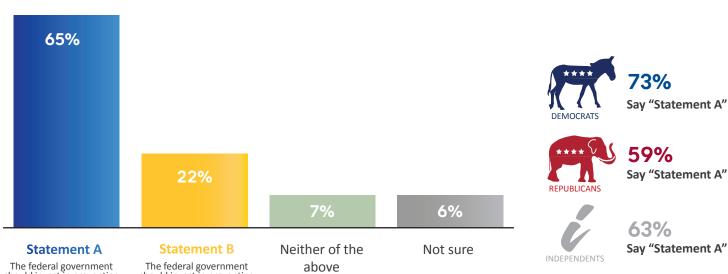
Which statement is closest to your view:

• Statement A:

The federal government should invest in preventing and curing diseases wherever they occur.

• Statement B:

The federal government should invest in preventing and curing diseases only if they pose an immediate risk to people in this country.



The federal government should invest in preventing and curing diseases wherever they occur.

The federal government should invest in preventing and curing diseases only if they pose an immediate risk to people in this country.

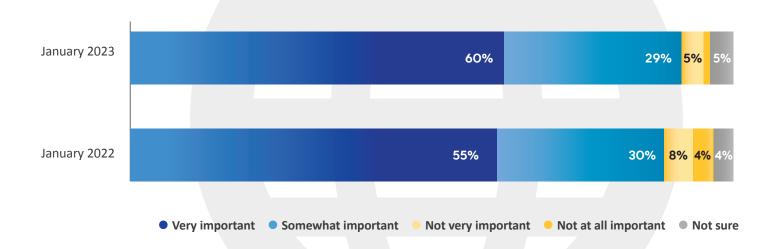
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9 IN 10 SAY IT IS IMPORTANT FOR THE U.S. TO BE A GLOBAL LEADER IN HEALTH RESEARCH

How important do you think it is that the U.S. is a global leader in research to improve health?

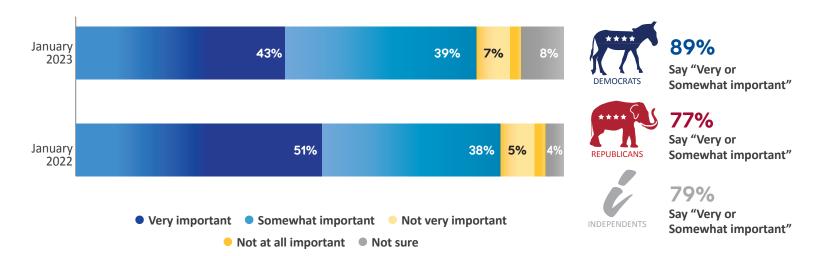






STRONG SUPPORT FOR FEDERAL FUNDING OF INTERNATIONAL INFECTIOUS DISEASE DETECTION PROGRAMS

How important is it for the federal government to fund international programs on detection of infectious disease outbreaks?

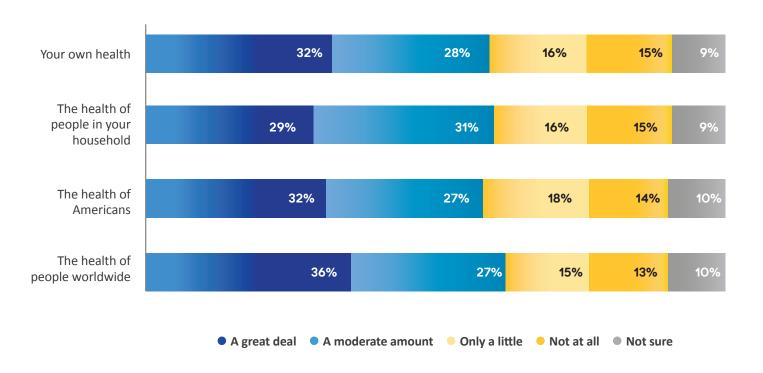






MAJORITY SAY CLIMATE CHANGE WILL BE A HEALTH THREAT OVER THE NEXT DECADE

How much, if at all, do you think climate change will harm the following, in the next ten years...









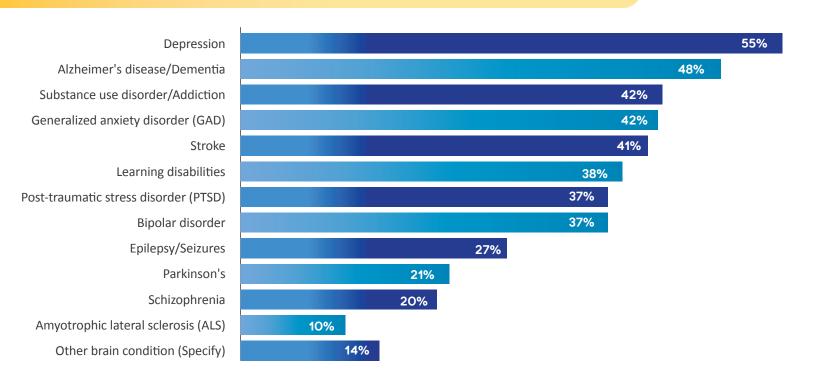


ADVANCING BRAIN HEALTH

AMERICANS' EXPERIENCE WITH BRAIN HEALTH CONDITIONS

Have you or anyone close to you had or have any of the following conditions. (Percent saying "Yes")

82% say they know someone or have themselves experienced at least one brain disorder or mental health condition.











AMERICANS ARE CURIOUS AND HOPEFUL ABOUT BRAIN HEALTH RESEARCH

Please select from the following the top five words that best reflect your attitudes towards brain health research:

CURIOUS 66% HOPEFUL 59% OPTIMISTIC 52%

AMAZED 41%

CAUTIOUS 39%

OPEN 37%

CONCERNED 33%

EXCITED 33%

ENGAGED 26%

POWERFUL 25%

SKEPTICAL 19%

HESITANT 19%

UNINFORMED 17%

CONFUSED 12%

WORRIED 10%

PESSIMISTIC 9%

UNINTERESTED 4%

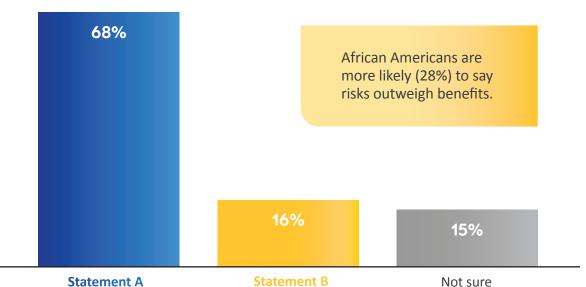






AMERICANS SAY BENEFITS OF BRAIN HEALTH **RESEARCH OUTWEIGH RISKS**

Which of the following statements do you agree most with?



Despite the potential for risks, I believe that brain health research will have an overall benefit to society.

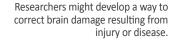
There are too many risks involved with brain health research that outweigh any potential for benefit to society.







Please indicate the extent to which you agree or disagree with the following:



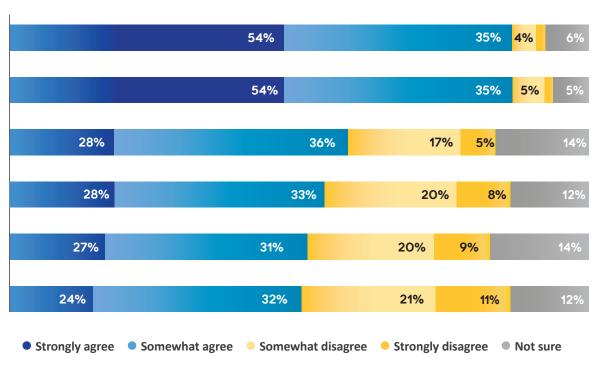
Researchers might find better treatments for brain diseases and mental illnesses (e.g. Parkinson's disease. Alzheimer's disease.

Brain health data can be misused since safeguards that protect against misuse of data are not adequate.

Advances in brain health research could lead to unwanted manipulation of brain function.

Research participants may experience bodily injury or damage to their health.

Brain health research can result in stigma, prejudice, and/or discrimination against research participants.







In partnership with

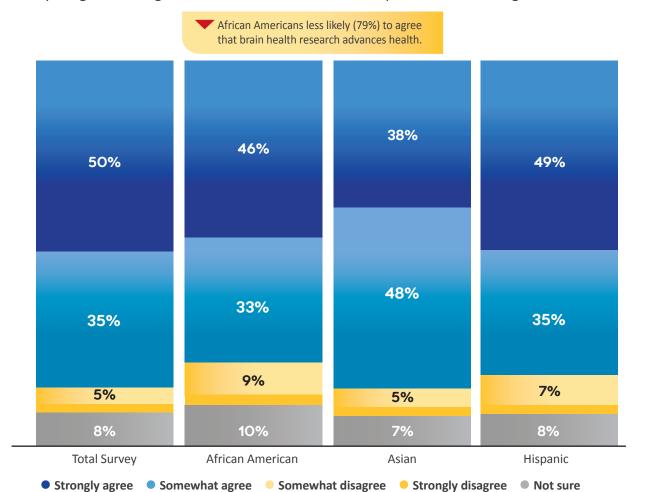
Dana Foundation





85% AGREE THAT BRAIN HEALTH RESEARCH IS IMPORTANT TO ADVANCING HEALTH

Do you agree or disagree that brain health research is important to advancing health?



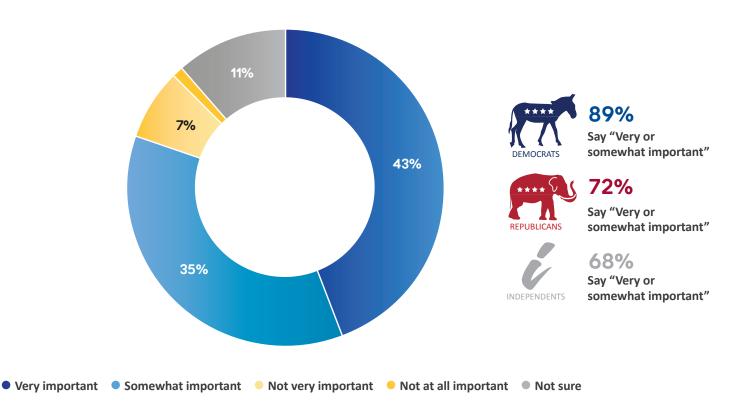
Source: A Research! America survey of U.S. adults conducted in partnership with the Dana Foundation and Zogby Analytics in August 2022.





4 IN 5 AGREE IT'S IMPORTANT TO INCREASE FEDERAL FUNDING FOR BRAIN HEALTH RESEARCH

How important is it to increase federal funding for research in brain health?



In partnership with

Dana Foundation



"The survey results support the need for increased education on brain health, and for the inclusion of public voices — especially those of patients — in research."

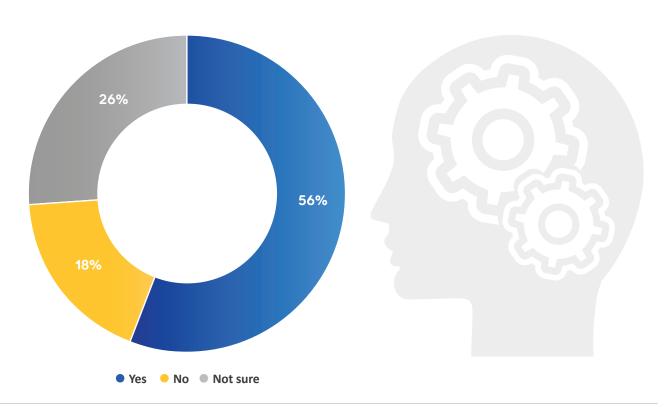
- Caroline Montojo, PhD, President and CEO, Dana Foundation





MORE THAN HALF SAY ADVANCES IN BRAIN HEALTH RESEARCH SHOULD INFORM POLICY DECISIONS

Should advances in brain health research help inform policy decisions and legislation?





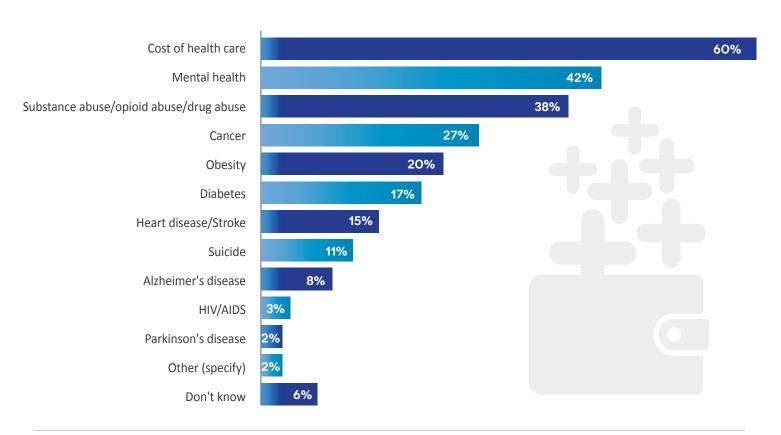


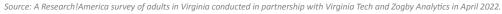


VIRGINIANS' VIEWS ON MEDICAL AND HEALTH RESEARCH

VIRGINIANS IDENTIFY COST OF HEALTH CARE AS THE TOP HEALTH ISSUE

Other than COVID-19, what would you say are the most important health issues facing people in Virginia today? (Choose top three)



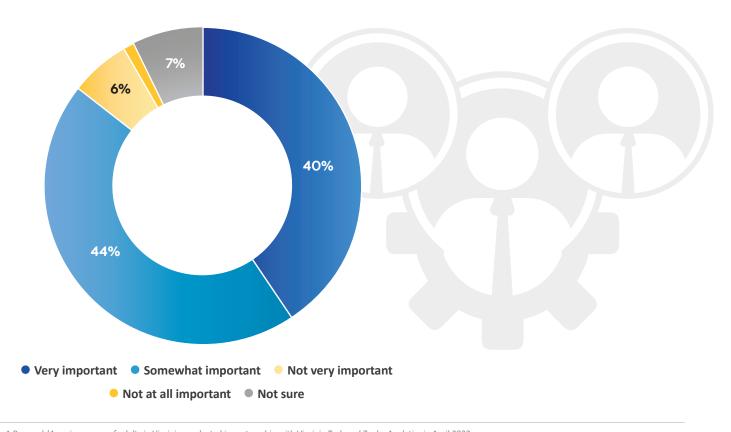


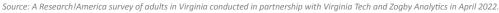




MOST SAY INVESTING IN RESEARCH IS IMPORTANT TO THE ECONOMY

In terms of jobs and incomes, how important do you think spending money on health or medical research is to Virginia's economy?

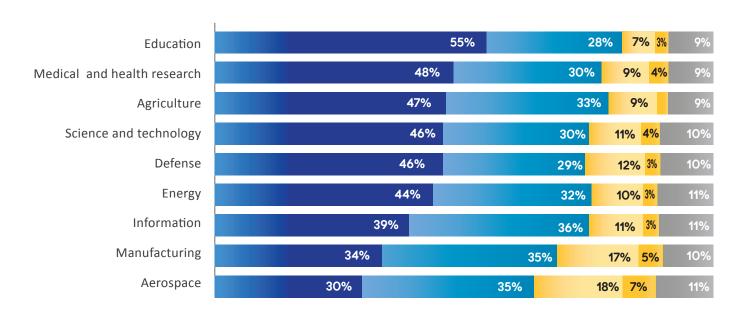






IMPORTANT FOR VIRGINIA TO BE A LEADER IN MANY AREAS

Please indicate how important it is that Virginia be a leader in the following categories:



◆ Very important
 ◆ Not very important
 ◆ Not at all important
 ◆ Not sure

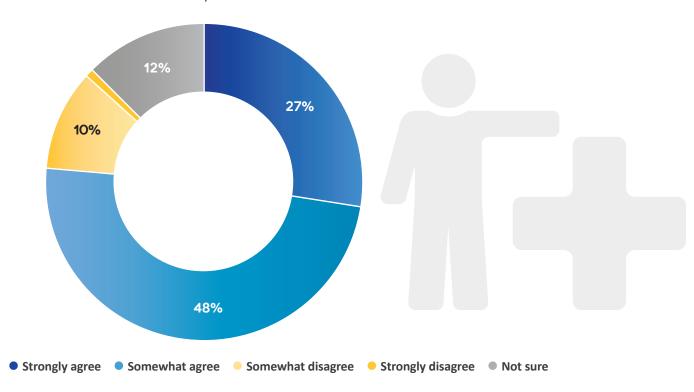


"One of the survey's messages should be heeded by members of Congress, state legislators maneuvering to reach agreement on a budget, local government officials, and business leaders...that a majority of Virginia citizens broadly support biotechnology research..."



75% AGREE THAT VIRGINIA SHOULD INVEST IN IMPROVING HEALTH RESEARCH INFRASTRUCTURE

Other states have invested in attracting health and medical research to their state by improving research facilities, equipment, and other resources. Do you agree or disagree that Virginia (taxpayer) funds should be invested in these improvements?



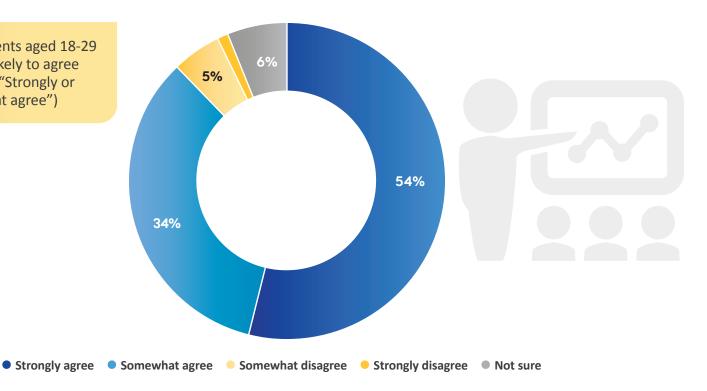


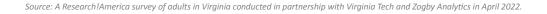


MOST VIRGINIANS SAY STEM EDUCATION IS IMPORTANT TO THE ECONOMY

How important do you think education and training in science, technology, engineering, and mathematics is to Virginia's competitiveness and our future economic prosperity?

Respondents aged 18-29 are less likely to agree (77% say "Strongly or Somewhat agree")

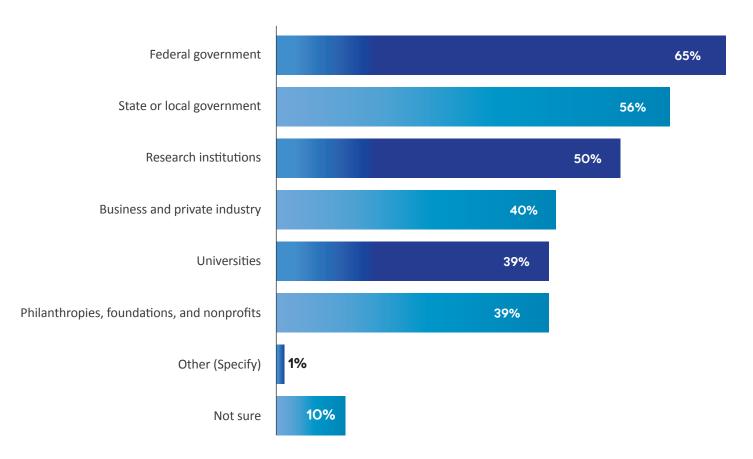






VIRGINIANS SAY THE FEDERAL AND STATE GOVERNMENTS SHOULD ACCELERATE INVESTMENT IN RESEARCH

Whose responsibility is it to accelerate our nation's investment in research? (Select all that apply)



Source: A Research! America survey of adults in Virginia conducted in partnership with Virginia Tech and Zogby Analytics in April 2022.





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METHODOLOGY

- Online surveys are conducted with an approximate sample size of 1000+, adults (ages 18 and up) and a maximum theoretical sampling error of +/- 3.1%.
- Data are demographically representative of adult U.S. residents.
- Survey data in this publication was conducted by Zogby Analytics.

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

Research!America began commissioning polls in 1992 in an effort to understand public attitudes toward medical, health, and scientific research. 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 advocate for science, discovery, and innovation to achieve better health for all. In response to growing usage and demand, Research!America has expanded its portfolio, which includes state, national, and issue-specific polling.

Poll data is available by request or at www.researchamerica.org.







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