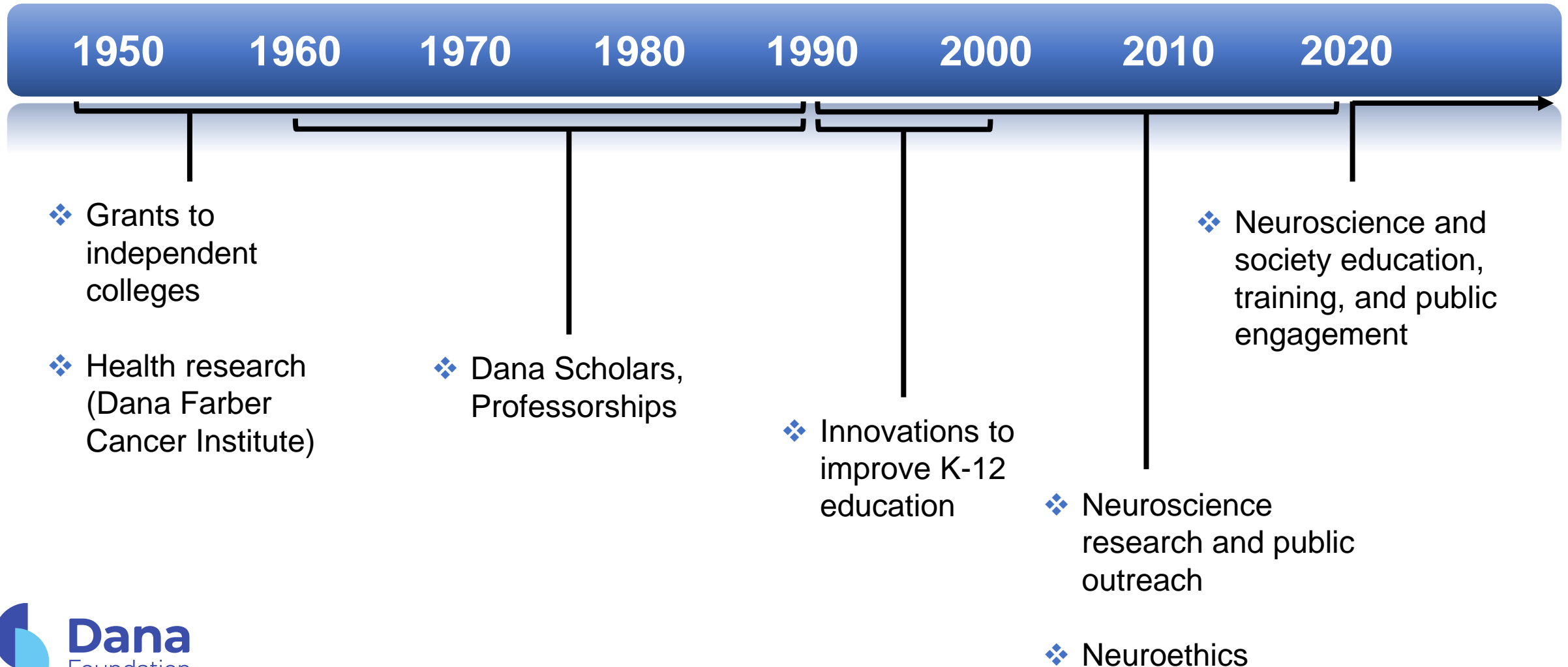


Neuroscience and society: Envisioning brain science for a better future

Research! America
March 6, 2023

Caroline Montojo, Ph.D.
President and CEO
Dana Foundation

Dana Foundation History



Neuroscience advances carry significant ethical, legal, and societal implications



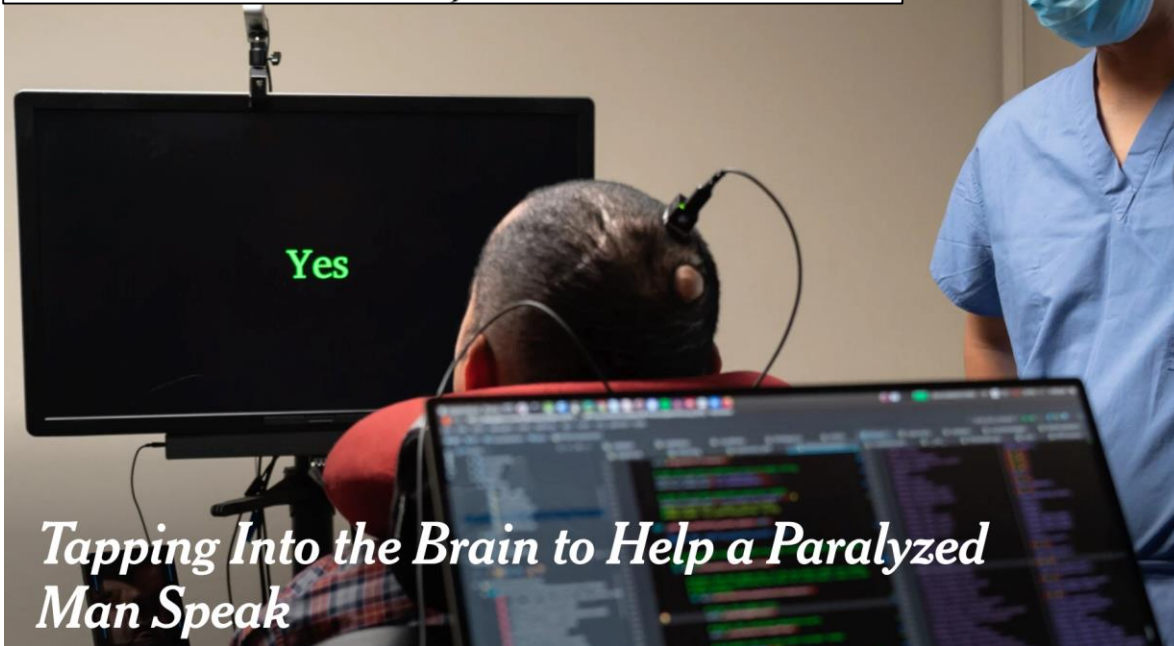
Coordinating Global Brain Projects Conference, Rockefeller University, September 2016

“The **ethical questions** raised by **neurotechnologies** are international questions... they **can carry more ethical, legal, or social weight** because the activity of our brains leads to our **innermost selves**.”

Yuste and Bargmann, Cell 2016

Neuroscientists must navigate complex ethical issues

The New York Times



THE WALL STREET JOURNAL. How Brain-Computer Interfaces Could Restore Speech and Help Fight Depression

Neurosurgeon Eddie Chang, a leader in a technology that turned the brain signals of a paralyzed man into words, envisions further advances in therapeutic implants



“Someday in the future we might be able to decode what people are thinking” which raises **“some really important questions about the ethics of this kind of technology.”**



Brain science for a better future

Our mission is to advance neuroscience that benefits society and reflects the aspirations of all people.

Dana Education

Dana NextGen

Dana Frontiers

Dana Foundation Values

We are bold.

We build trust.

We are collaborative.

We lead with empathy.

We value diversity.

We stay grounded.

Dana Education: Sparking interest and education around neuroscience and the ways it interfaces with our lives



Annual global education initiative with
~6,000 partners in 120 countries



Dana NextGen: Developing a new generation of interdisciplinary experts who shepherd neuroscience uses for a better world

Dana Centers for Neuroscience & Society



- Training to embed neuroscience in societal context
- Catalytic grants for interdisciplinary work
- Growing future leaders

Eleven institutions funded for Dana Center Planning Grants

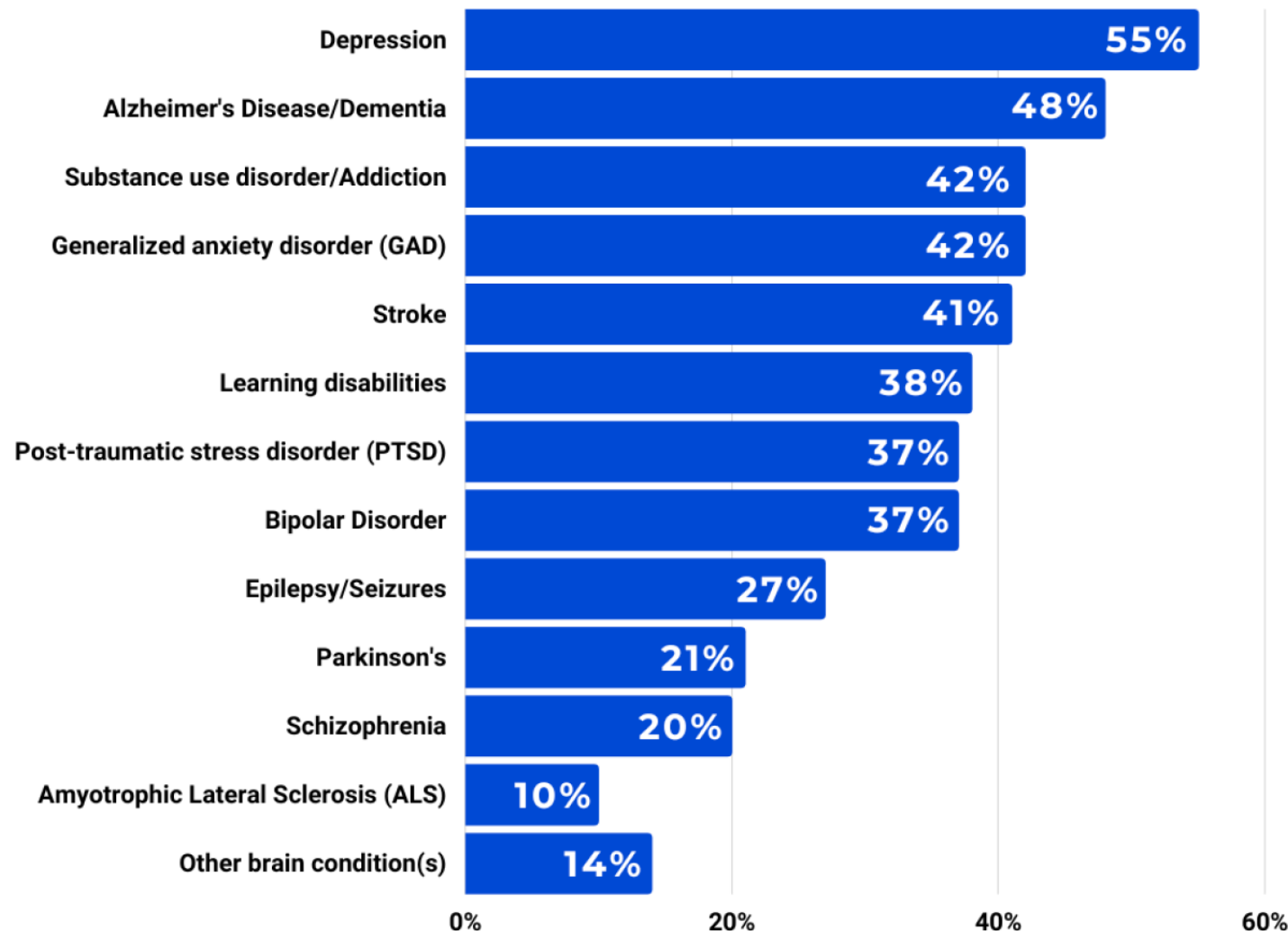


Dana Frontiers: Growing capacity for informed public reflection on emerging neuroscience and neurotechnology



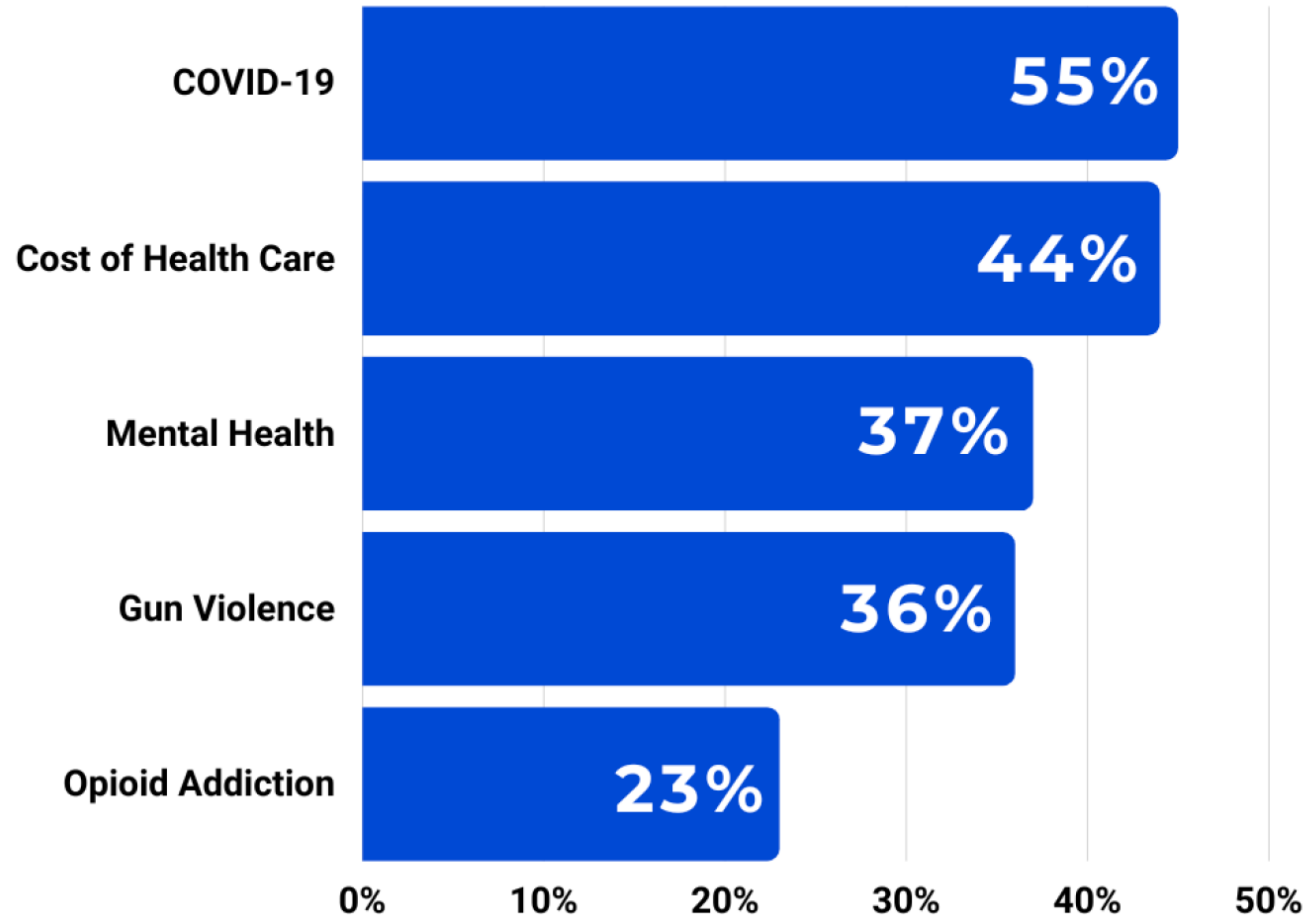
Brain Health Issues Directly Impact More Than 8 in 10 Americans

Have you or anyone close to you had or have any of the following conditions?



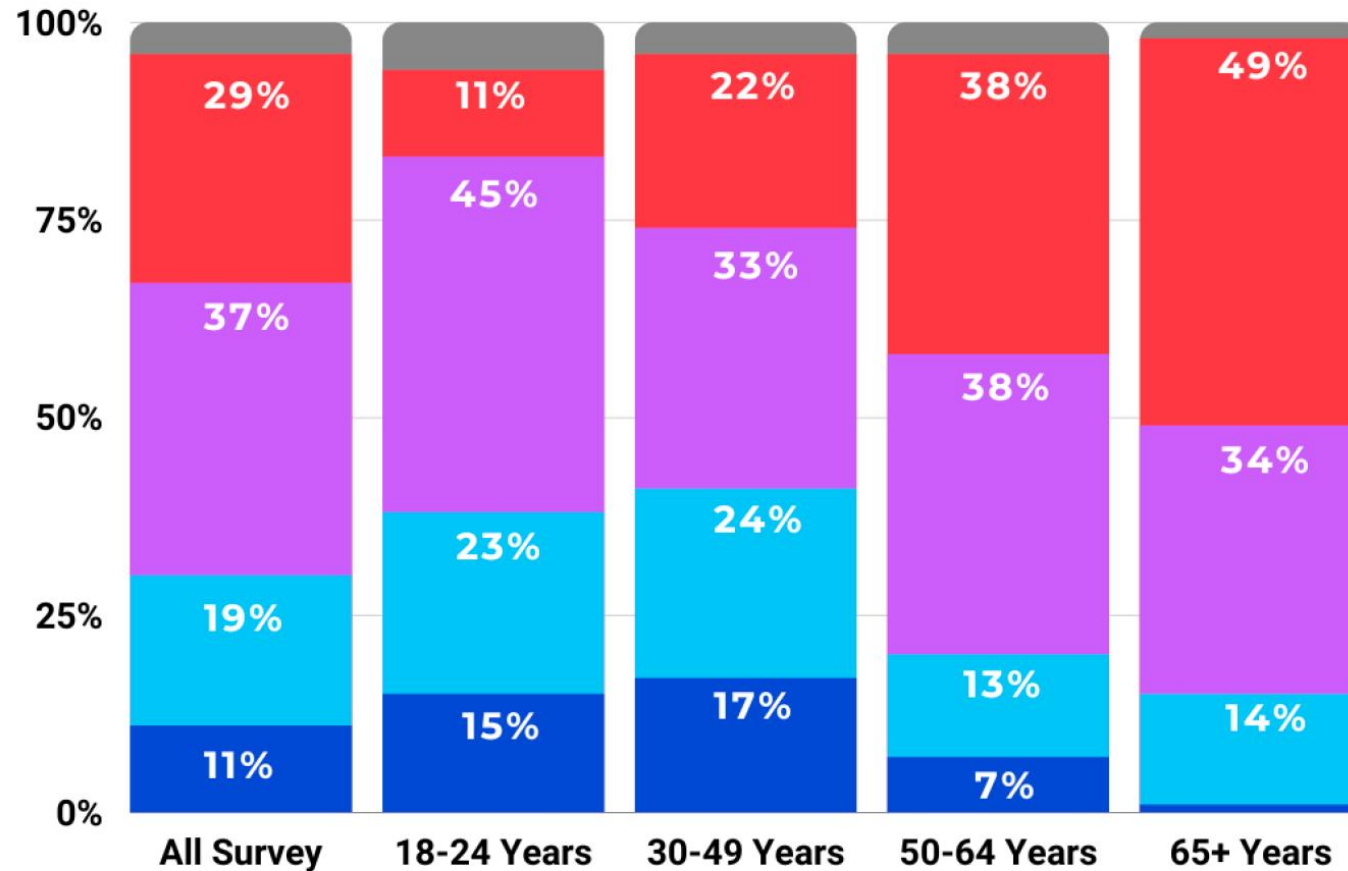
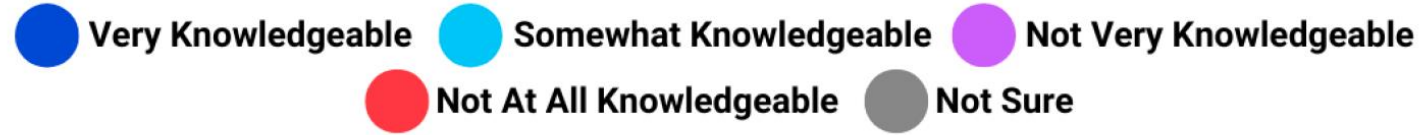
Brain Health Is Among Most Important Health Issues

What are the most important health issues facing America?



Americans Are Not Knowledgeable About Brain Health Research

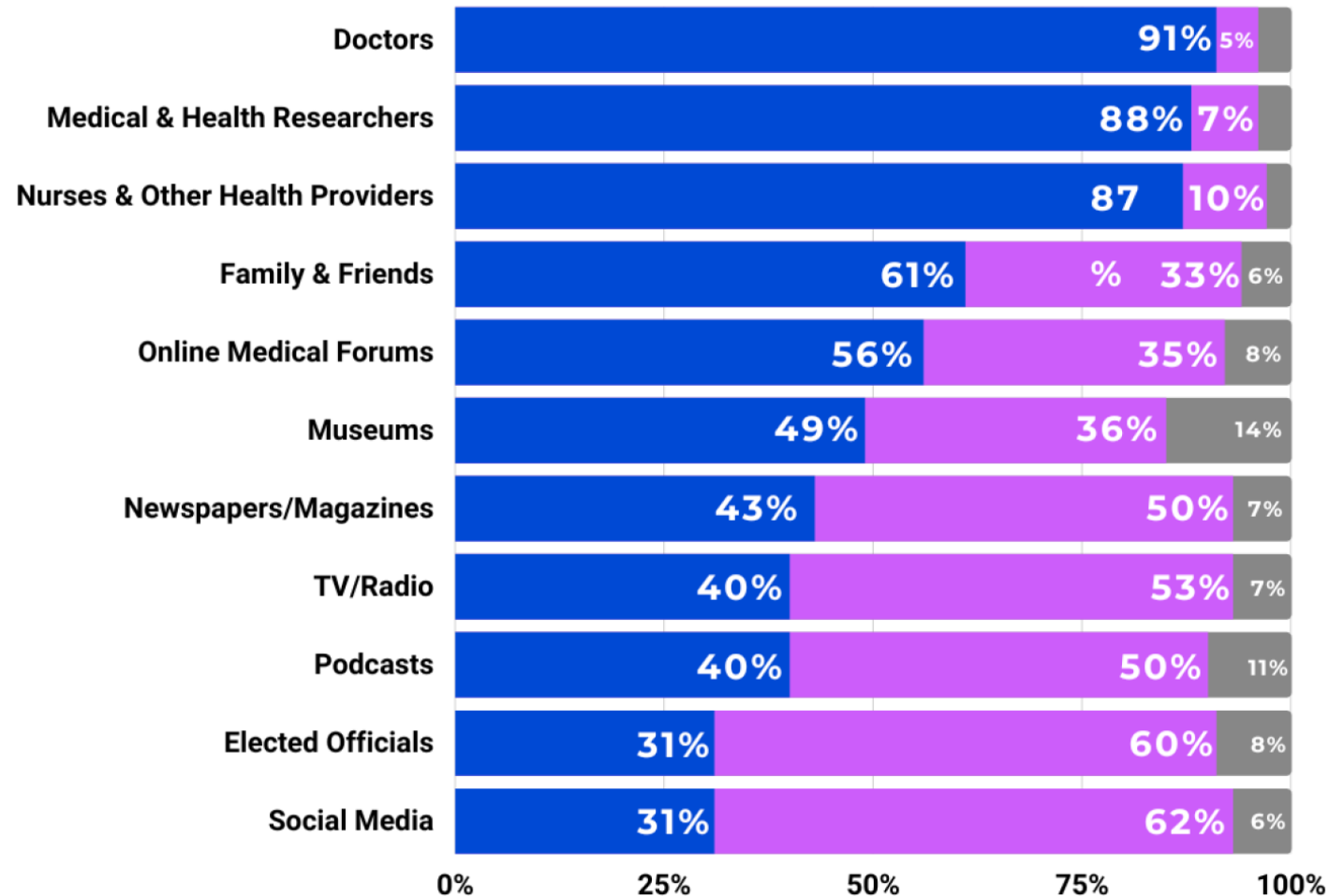
How knowledgeable would you say you are about brain health research?



Doctors, Nurses, and Researchers Are Most Trusted Sources of Brain Health Information

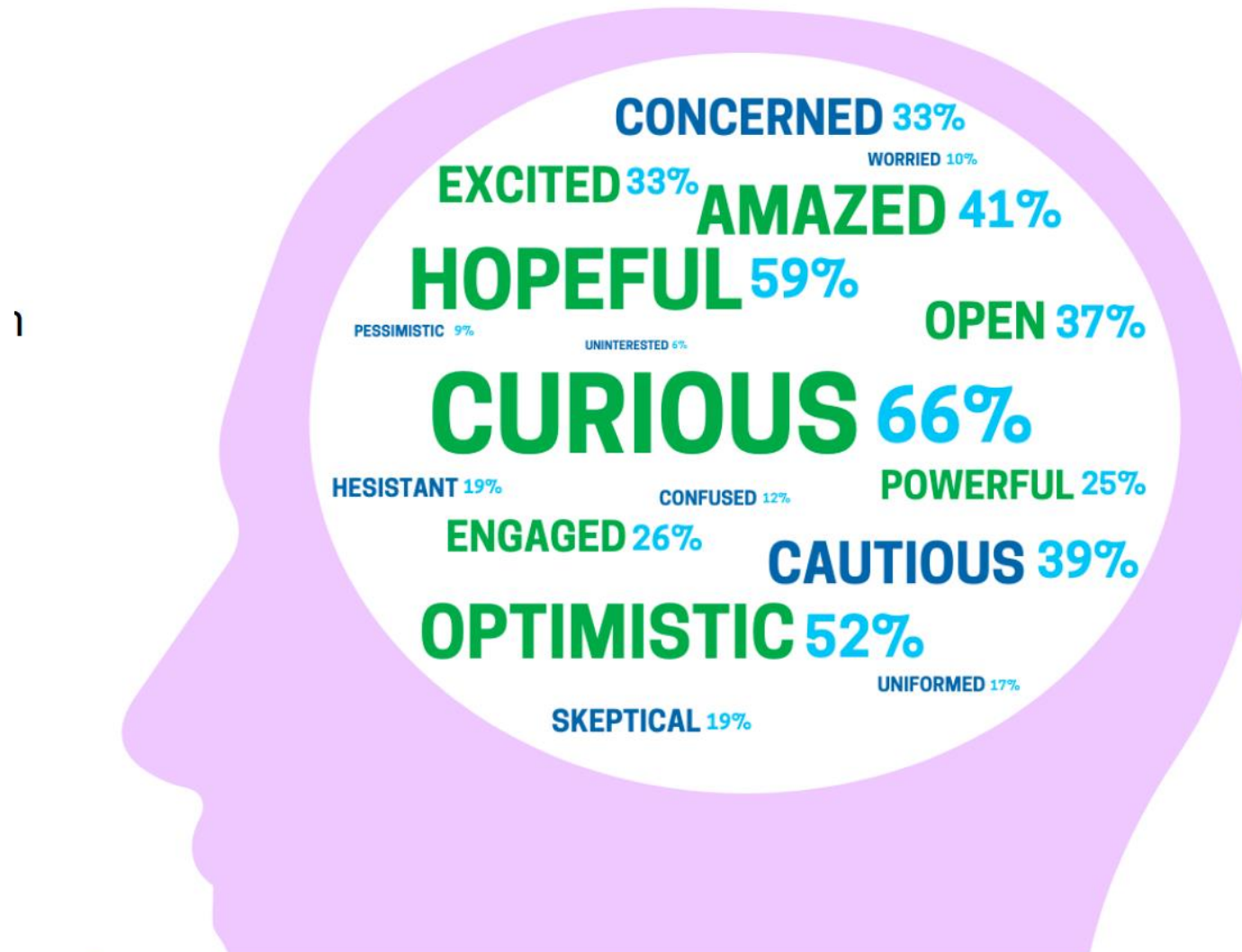
To what extent do you trust the following sources of information on brain health?

● Very + Somewhat Trustworthy ● Not Very + Not At All Trustworthy ● Not sure



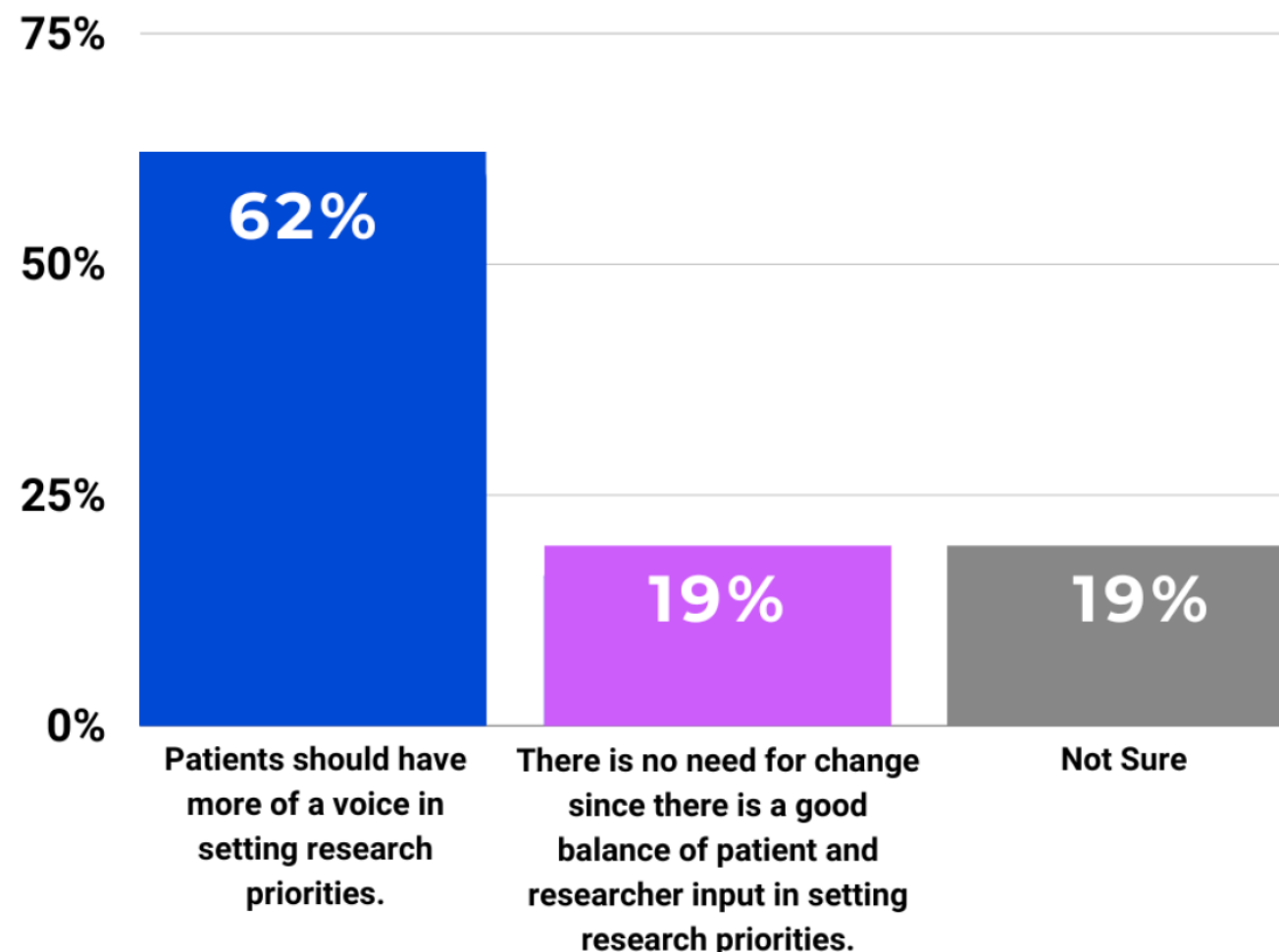
Americans Are Curious and Hopeful About Brain Health Research

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

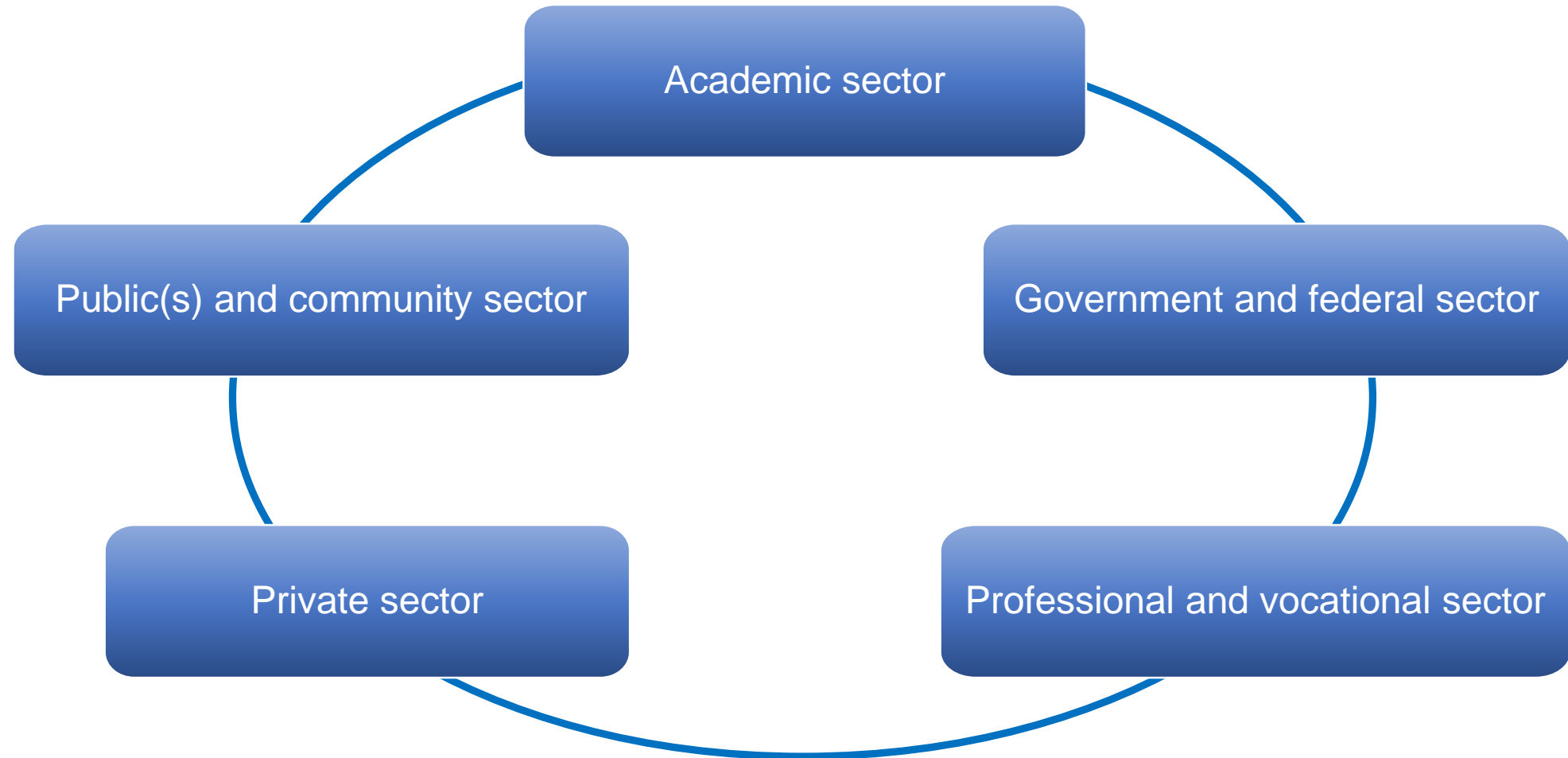


6 in 10 Say Patients Should Have a Voice in Determining Research Priorities

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



New approaches to education, training, research, and public engagement are needed across sectors to address ethical and societal issues in neuroscience





Brain science for a better future.