
3M
Science.
Applied to Life.™
State of Science Index 2021
Global Report
3M State
of Science
Index

Science Matters

3M State of Science Index Manifesto

Science matters to 3M because it is how we solve the world's greatest challenges to transform businesses, improve lives and make our world a better place. In tandem with our principles, science enables us to lead societal change - to make the world safer, healthier, greener and brighter.

Science matters to society because exponential population growth will bring future challenges that only science can solve.

Science *should* matter to people because our daily lives and future quality of life depend on it. But *does* it?

Since 2018, we have tracked how the world values science through the proprietary 3M State of Science Index (SOSI) - a global, original research survey to explore the image of science. Insights from the study power 3M's science advocacy efforts around the world.

Evolution of the State of Science Index

Wave 1 (2018)
Fielded June/August 2017

Benchmarked individuals' perceptions, sentiment and trust toward science for the first time around the world.

Wave 2 (2019)
Fielded July-September 2018

Tracked whether and how perceptions of science have changed over one year.

Explained the "why" behind certain insights we learned in the first year.

Wave 3 (2020 *Pre-Pandemic*)
Fielded August-October 2019

Evaluated trends in science perception based on three years of tracking data.

Probed deeper into timely topics around the world, such as STEM inequity, sustainability, etc.

Wave 4 (2020 *Pandemic Pulse*)
Fielded July-August 2020

Aimed to understand how perceptions of science have shifted since the onset of COVID-19.

Identified contrasts in attitudes before and during the pandemic at a time when science was "having its moment."

Wave 5 (2021)
Fielded February-March 2021

Seeks to understand and forecast the long-term impact of COVID-19 on perceptions of science.

Goes further in-depth into key themes explored during waves 3 & 4, including sustainability, STEM equity, and leadership in science.

Who and where we're surveying in 2021

It is our largest State of Science Index today, surveying **17** countries.

Who?

1,000 General Population respondents per country

Where?

17 Countries:

- US
- Canada
- UK
- Germany
- Poland
- Brazil
- Mexico
- Japan
- Singapore
- South Korea
- China
- India
- France
- **UAE**
- **Italy**
- **Colombia**
- **Australia**

NEW to SOSI Global Results

Additional survey methodology details

Survey methodology & timing	**20-minute survey, combination offline and online interviewing*** • Fielding/interviewing completed February 2, 2021 – March 23, 2021 • Data processing, quality control checking, and weighting completed March 24, 2021-April 12, 2021
2021 Global	**17-country average** • All data that that is not tracking, and that we are not comparing with previous waves, is represented by the 17-country global average.
Global trends: 2018 – 2021 *(5 waves)*	**10-country tracking average** • When comparisons across previous waves of data are made, the 10-country tracking average is used, rather than the 17-Country average. This average is made up of all countries we have consistently surveyed across all five waves.**
Margin of error	**At the 95% confidence level** • 17-country average: +/- 0.8 percentage points • 10-country average: +/- 1.0 percentage points • Each individual country: +/- 3.10 percentage points
Data in this report	**Unless otherwise noted with an asterisk, all data in this report is from the 2021 survey.**
Science was defined as:	**Science is the process of pursuing knowledge about the world and how things in the world work through logically gathering, observing, experimenting and applying truths on a particular subject.**

* Slight weighting was done on demographics for each country to achieve better national representation and ensure sample is consistent year over year.
**Changes made to countries surveyed over waves: From wave 1 to wave 2, two countries were removed (France and Spain) and replaced with Saudi Arabia and South Korea. From wave 3 to 4, South Africa and India were not included, and UAE was added. From wave 4 to 5, Spain was replaced with France and Colombia, Australia and Italy were added for the first time.

Setting the scene

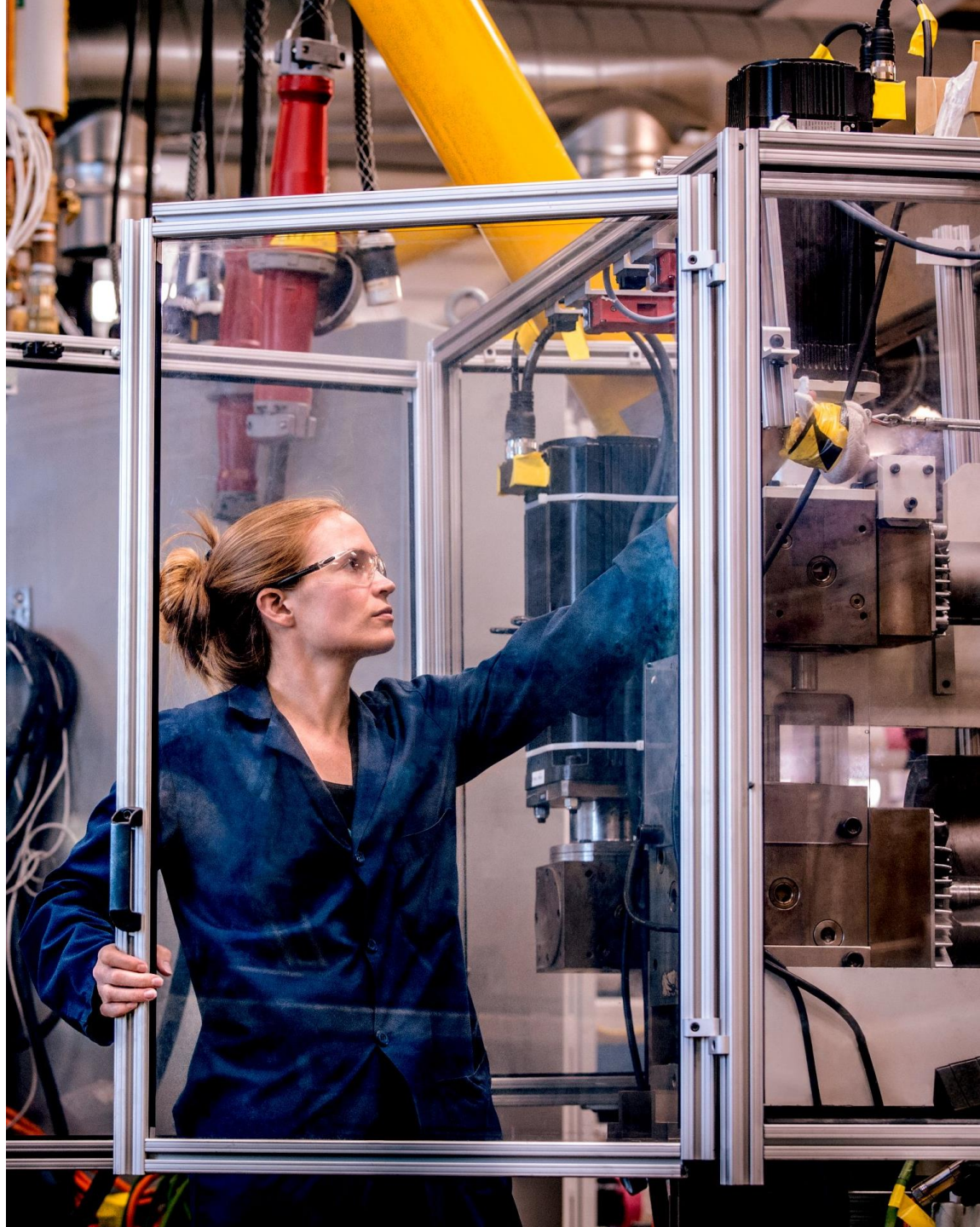
Six months into the pandemic, science became increasingly relevant to our lives, catapulting the image of science into a positive territory not seen since we started tracking the state of science four years ago.

Events that unfolded between our last survey (fielded Summer of 2020) and this survey (fielded January 2021) provide context:

By the Fall of 2020, experts prepared many regions of the world for a seasonal escalation of virus transmission. With it came a surge in cases and the realization that we still had a long road ahead of us.

Winter brought news of mutations, and for many, a corresponding return to lockdown measures. The fear of the unknown was tempered only by news about vaccine trials. By the time of this survey's fielding, vaccine distribution was underway, signaling an antidote to the virus – and our reduced lives.

But what happened next? As we acclimated to living under the constraints of a global pandemic - would our newfound trust in science continue to thrive? Or would pandemic fatigue set in and return us to a state of indifference?



Five key themes underpin the State of Science in 2021

A year into the pandemic *hope* is the defining sentiment for science

Image of science

Trust remains at the highest level since we began SOSI four years ago

Science appreciation expands under the pandemic, and we are more attuned to the impact of science. But how long will it last?

STEM Equity

A renewed focus on STEM because of the pandemic

Diversity in STEM is a big issue, a big priority - and an ample opportunity since it translates to positive societal outcomes in the future.

Sustainability

We are more aware, and science is part of the solution

We should follow the science to be more sustainable: climate change, ocean plastics pollution, and renewable energy sources are top of mind.

Shared responsibility

Cross-border and public/private sector collaboration are key expectations

For science to address major challenges like pandemics, climate change, and STEM education, we need collaboration on both fronts - and we expect corporations to help.

Theme 1:

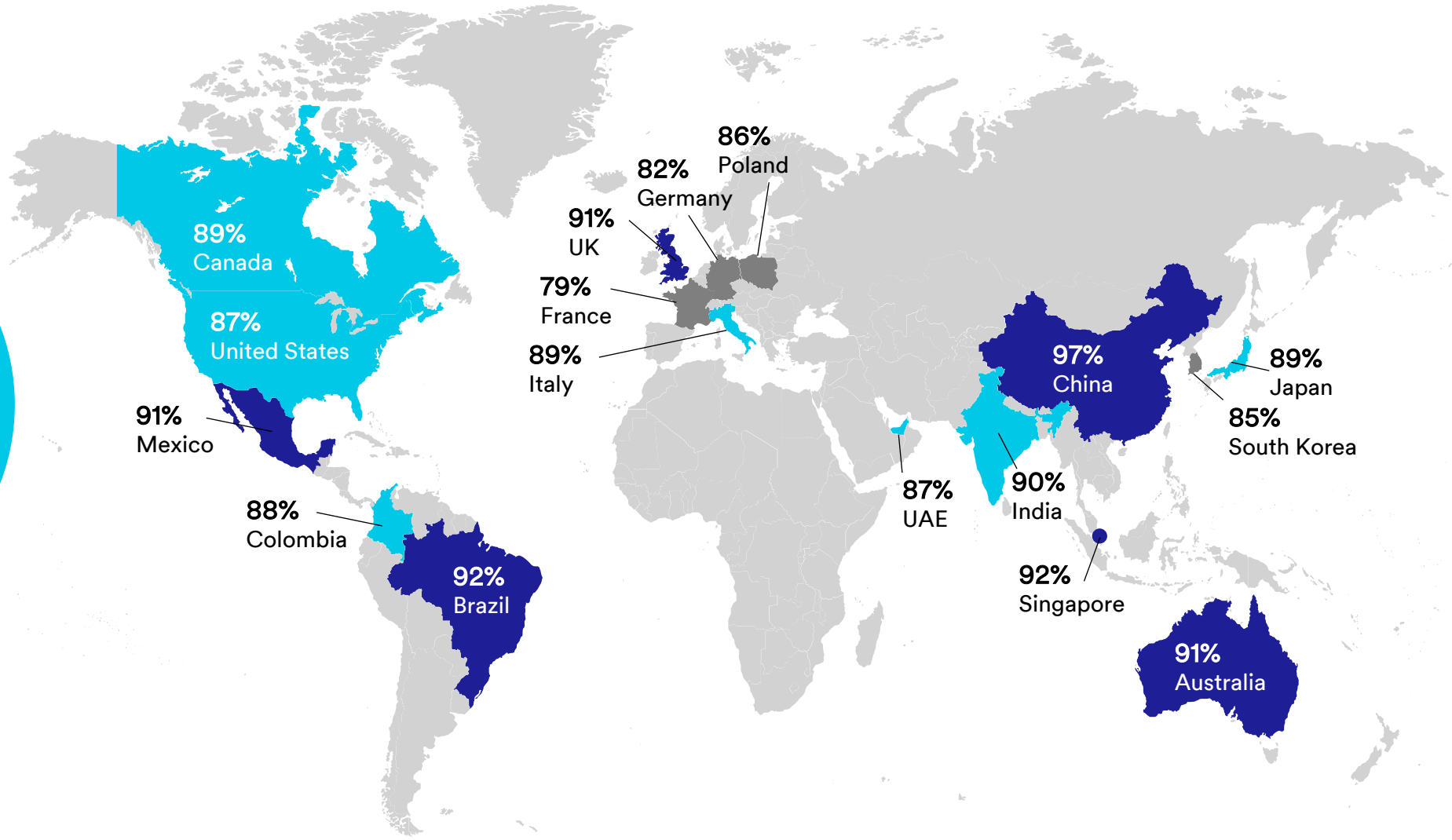
Hope

A year into the pandemic, the defining sentiment for science is hope.

All over the world, science is bringing hope for the future

- More likely than the 17-country avg
- On par with the 17-country avg
- Less likely than the 17-country avg

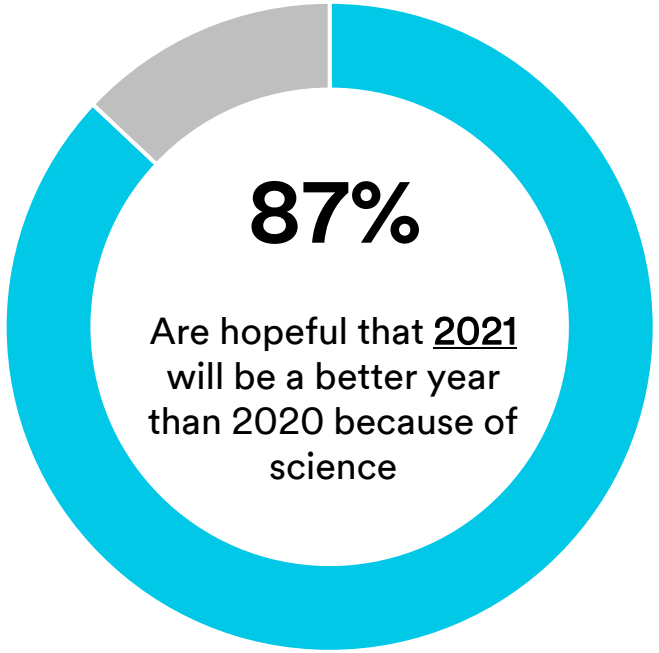
89%
science gives me hope for the future



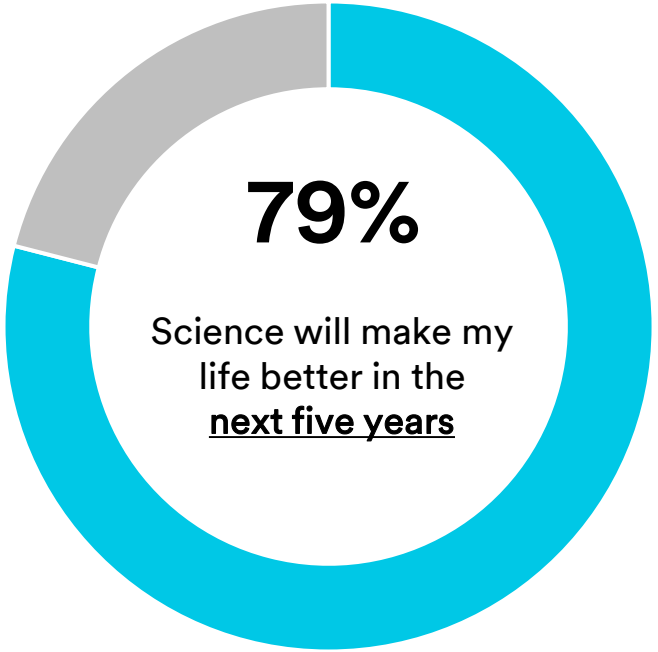
Q10. How much do you agree or disagree with each of the following statements? - Science gives me hope for the future - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Science will make our lives better today *and* tomorrow

In 2021



Over next five years



Q28. How much do you agree or disagree with each of the following statements? - I am hopeful that because of science, 2021 will be a better year than 2020 - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021
Q9. In the next five years, I believe science will make my life... Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Science has influenced our behavior during the pandemic

91%

Agree in order to contain the spread of COVID-19, people's actions should follow scientific evidence/advice

88%

Agree vaccines are an essential part of how science addresses public health concerns

82%

Agree most people they know are following scientific advice to stay safe during the pandemic

Q28. How much do you agree or disagree with each of the following statements? - Vaccines are an essential part of how science addresses public health concerns, Most people I know are following scientific advice to stay safe during the pandemic. - Agree Summary - Base= 2021 17-Country Average (17,090); In order to contain the spread of the coronavirus/COVID-19, people's actions should follow scientific evidence/advice. - Agree Summary - Base= 2021 10-Country Average (10,045) Fielded Feb-Mar 2021

We are counting on science to restore our lives

85% Science will save us from the COVID-19 pandemic

79% Science will make it possible to return to a “pre-pandemic” normal in 2021

Q7. How much do you agree or disagree with each of the following statements? - Science will save us from the coronavirus/COVID-19 pandemic. - Agree Summary - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021
Q28. How much do you agree or disagree with each of the following statements? - I believe science will make it possible to get our lives back to a “pre-pandemic” normal in 2021. - Agree Summary - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

As science restores our lives, we most look forward to...

#1 Going about my daily life without wearing a mask (60%)

#2 Traveling to see family/friends (55%)

#3 Safely give people hugs/handshakes again (49%)

#4 Traveling to explore new destinations (47%)

#5 Going to cultural events in-person (44%)

Q36. What are you most looking forward to once the coronavirus/COVID-19 pandemic is under control and life returns to a more normal state? Select top four. Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Top five healthcare priorities for science beyond COVID-19

Future pandemic preparation ties for first place with cures for chronic diseases

Top healthcare priorities, beyond COVID-19:

Tied-#1 Vaccines for future pandemics (52%)
Cures for chronic diseases (52%)

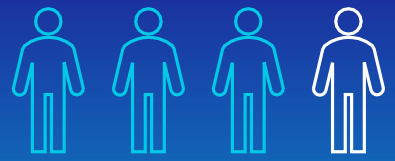
#3 Cancer treatments (46%)

Tied-#4 Advancements for the health and safety of medical workers (42%)
Addressing behavioral health issues (42%)

Q40. Beyond the coronavirus/COVID-19, which FOUR of the following healthcare advancements should science prioritize? Select top four. Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Hope in science extends beyond immediate health needs

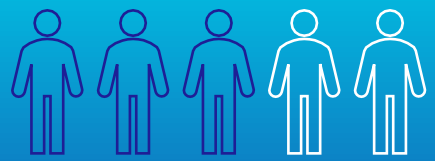
Hope for the planet



77%

The pandemic has made me more environmentally conscious

Hope for next gen in STEM



62%

Scientists and medical professionals are inspiring a new generation to pursue STEM careers

Hope for our futures

91%

Scientists are critical for our future well-being

Q25. How much do you agree or disagree with each of the following statements? - The coronavirus/COVID-19 pandemic has made me more environmentally conscious. – Agree Summary - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021
Q39. During the coronavirus/COVID-19 pandemic, do you believe that scientists and medical professionals are inspiring a new generation to pursue a science-based career in the future? Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021
Q29. In light of the coronavirus/COVID-19 pandemic, how much do you agree or disagree with each of the following? - Scientists are critical for our future well-being – Agree Summary - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Theme 2:

Image of science

Where there's hope, there's trust.

Trust in science and scientists stays at the highest level since tracking began*

91%
⬆ 5 pts
Since 2018

I trust science
(vs. 90% 2020 Pandemic Pulse, 85% 2020 Pre-Pandemic, 87% in 2019, 86% in 2018)

86%
⬆ 7 pts
Since 2018

I trust scientists
(vs. 86% 2020 Pandemic Pulse, 80% 2020 Pre-Pandemic, 81% in 2019, 79% in 2018)

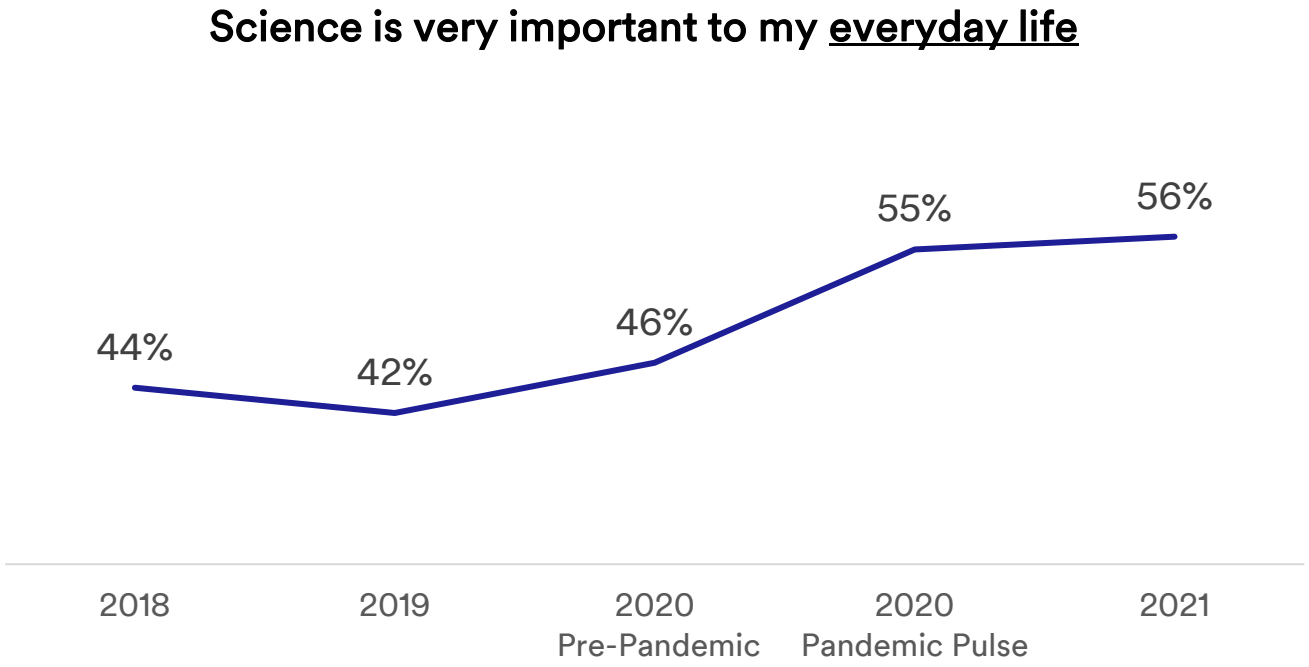
35%
⬇ 7 pts
Since 2019

I only believe science that aligns with my personal beliefs
(vs. 36% 2020 Pandemic Pulse, 42% 2020 Pre-Pandemic, 42% in 2019)

*SOSI tracking began with the 2018 study

Q4. How much do you agree or disagree with the following statements? – Agree Summary- Base= 2021 10-Country Tracking Average (10,045) Fielded Feb-Mar 2021; 2020 Pandemic Pulse 10-Country Tracking Average (10,081) Fielded Jul-Aug 2020; 2020 Pre-Pandemic 10-Country Tracking Average (10,071) Fielded Aug-Oct 2019; 2019 10-Country Tracking Average (10,015) Fielded Jul-Sep 2018; 2018 10-Country Tracking Average (10,026) Fielded Jun-Aug 2017

The value we place in science is rising as we become more attuned to its impact on our lives and on society

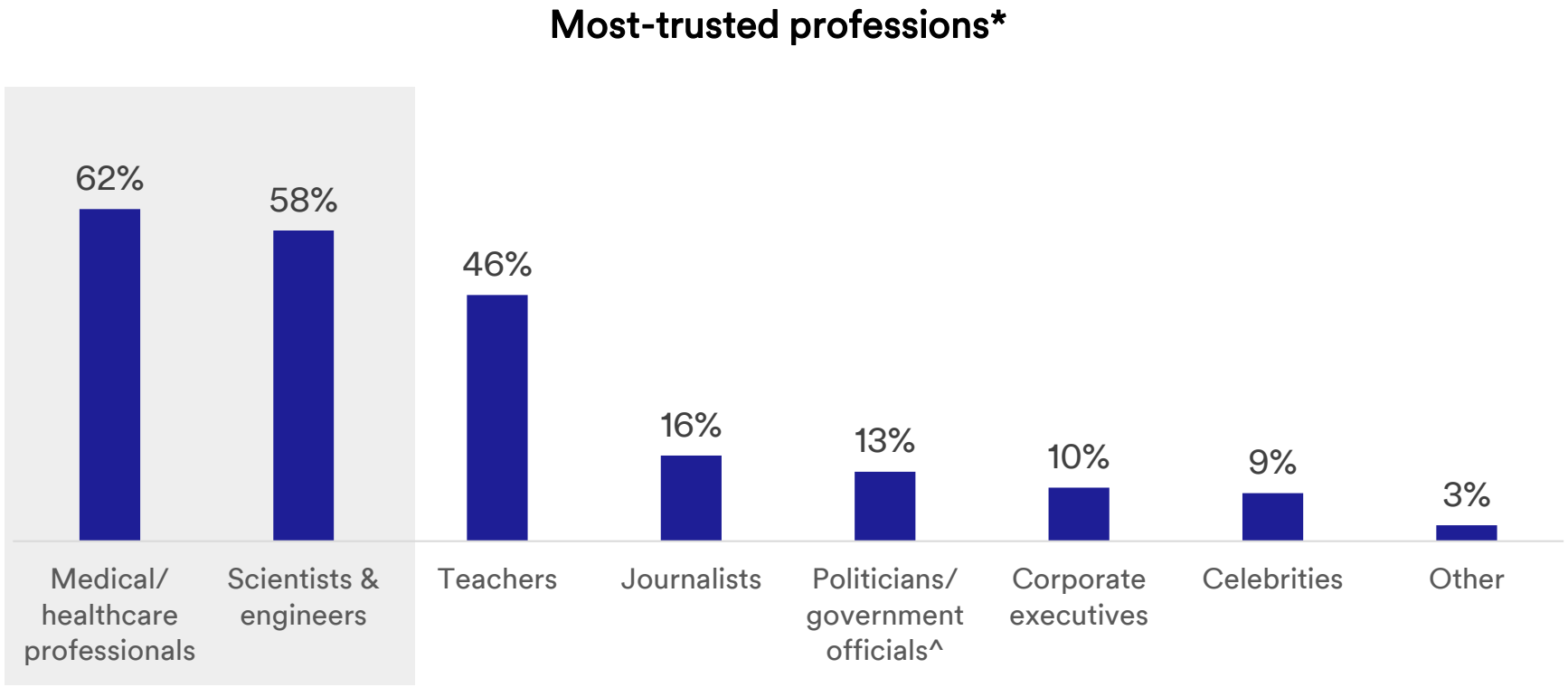


85%
believe there are negative consequences for society if people do not value science

2 pts in just six months
(since 2020 Pandemic Pulse)

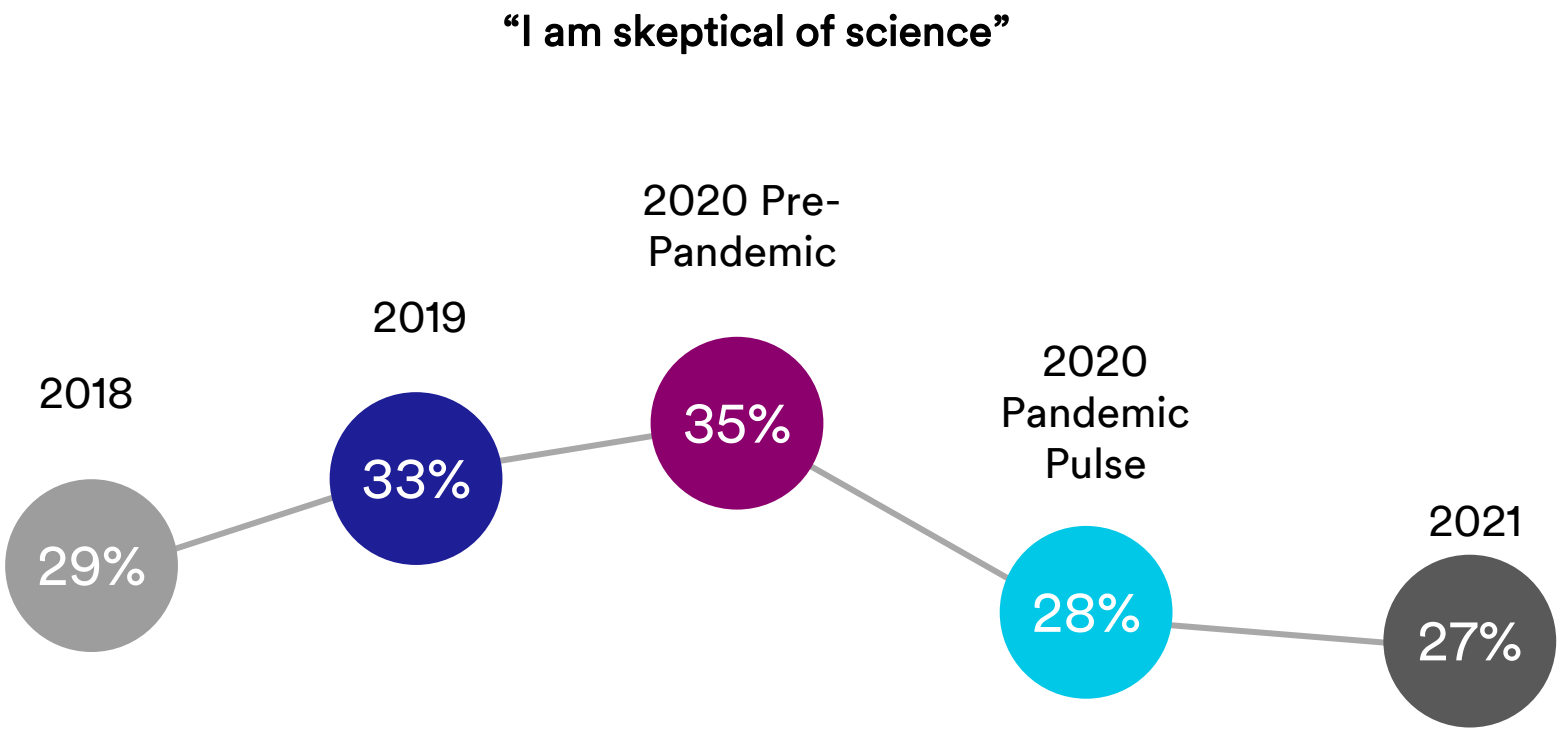
Q2. Thinking about the present-day, how important do you feel science is... - Very important only Summary - Base= 2021 10-Country Tracking Average (10,045) Fielded Feb-Mar 2021; 2020 Pandemic Pulse 10-Country Tracking Average (10,081) Fielded Jul-Aug 2020; 2020 Pre-Pandemic 10-Country Tracking Average (10,071) Fielded Aug-Oct 2019; 2019 10-Country Tracking Average (10,015) Fielded Jul-Sep 2018; 2018 10-Country Tracking Average (10,026) Fielded Jun-Aug 2017
Q7. How much do you agree or disagree with each of the following statements? - There are negative consequences for society if people do not value science.- Base= 2021 10-Country Tracking Average (10,045) Fielded Feb-Mar 2021; 2020 Pandemic Pulse 10-Country Tracking Average (10,081) Fielded Jul-Aug 2020

STEM workers are far more trusted than other professionals



* 28% are not likely to trust anyone based on their profession
^ Not asked to UAE
Q1. Which, if any, of the following professionals are you MOST likely to trust in general? Please select top three. Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Science skepticism is at its lowest point since tracking began*, and has dropped twice within the past year



Countries with the biggest drops in skepticism compared to 2020 Pandemic Pulse:

China: ↓ 12 points

Mexico: ↓ 6 points

UK: ↓ 5 points

*SOSI tracking began with the 2018 study

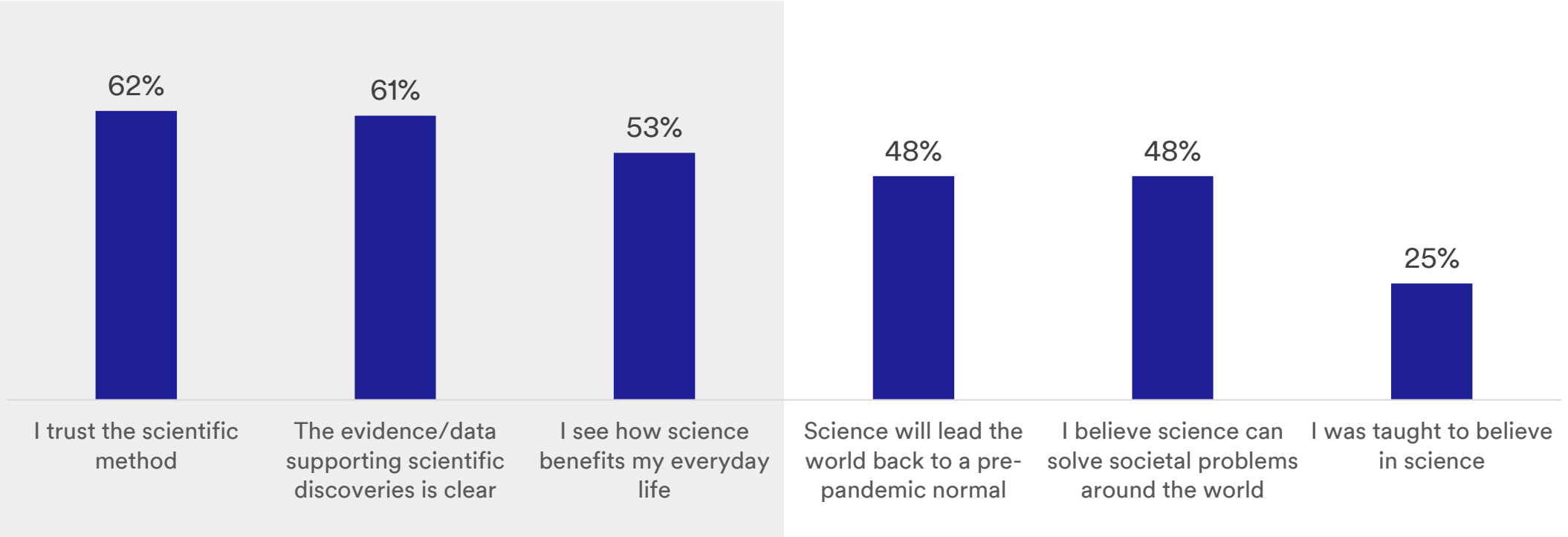
Q4. How much do you agree or disagree with each of the following statements? – I am skeptical of science. – Agree Summary – Base= 2021 10-Country Tracking Average (10,045) Fielded Feb-Mar 2021; 2020 Pandemic Pulse 10-Country Tracking Average (10,081) Fielded Jul-Aug 2020; 2020 Pre-Pandemic 10-Country Tracking Average (10,071) Fielded Aug-Oct 2019; 2019 10-Country Tracking Average (10,015) Fielded Jul-Sep 2018; 2018 10-Country Tracking Average (10,026) Fielded Jun-Aug 2017

What fuels trust and reduces skepticism?

The scientific method, empiricism, and seeing how science improves life

Reasons people are <u>not</u> skeptical of science

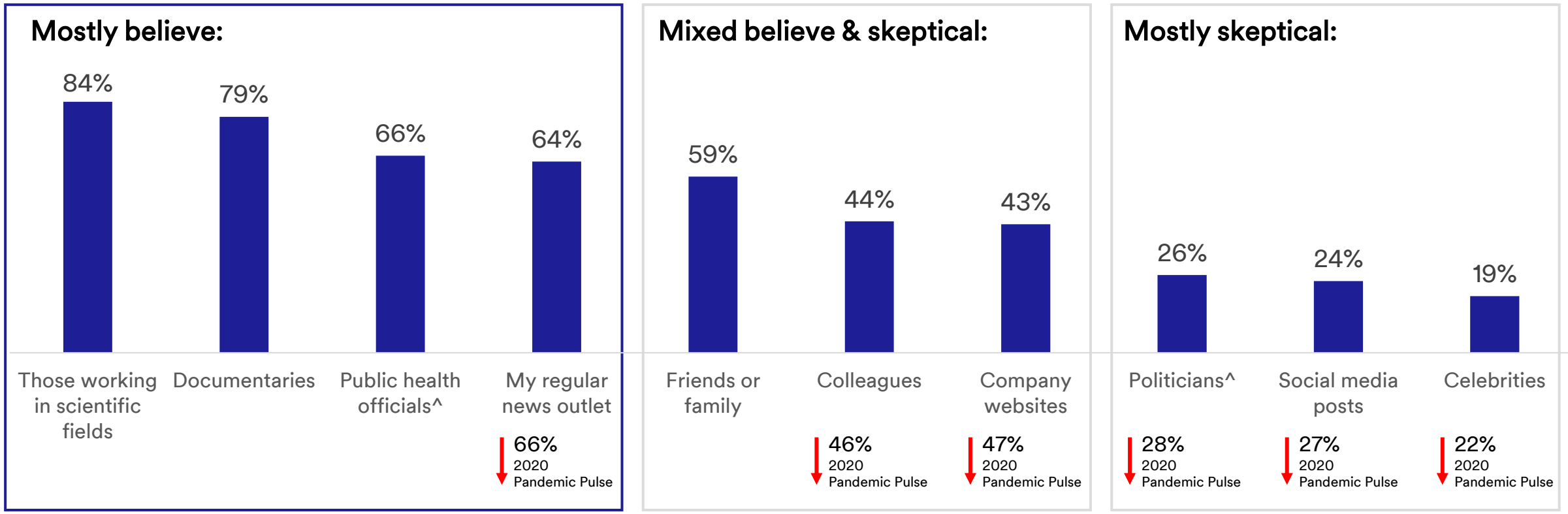
Of those who are not skeptical of science



Q12. Earlier in the survey, you indicated that you are not skeptical of science. Which, if any, of the following are the MAIN reasons why you are not skeptical of science? Please select top three. Base= Those not skeptical of science 2021 17-Country Average (11,892)
Fielded Feb-Mar 2021

The most credible sources for scientific information are those working in scientific fields and documentaries

% who <u>believe</u> scientific information coming from each source:



^ Not asked in UAE

Q6. When you read or hear something about science from each of the following sources, are you more likely to be skeptical of it or believe it? - Believe it Summary - Base= 2021 10-Country Tracking Average (10,045) Fielded Feb-Mar 2021; 2020 Pandemic Pulse 10-Country Tracking Average (10,081) Fielded Jul-Aug 2020

People care about what scientists have to say and want to hear more

87% Care about what scientists have to say

85% Want to hear more from scientists about their work

Q10. How much do you agree or disagree with each of the following statements? - I care about what scientists have to say; I want to hear more from scientists about their work – Agree Summary - Base= 2021 17-Country Average (17,090) Fielded Jul-Aug 2020

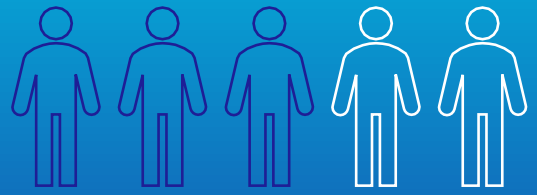
Indifference is on a downward trajectory: percentage overlooking the impact of science on their lives is shrinking

30%

agree that if science didn't exist, their everyday lives wouldn't be all that different

vs. 35% 2020 Pre-Pandemic

⬇ 5 pts



59%

rarely* think about the impact of science in their everyday lives

**A little/never*

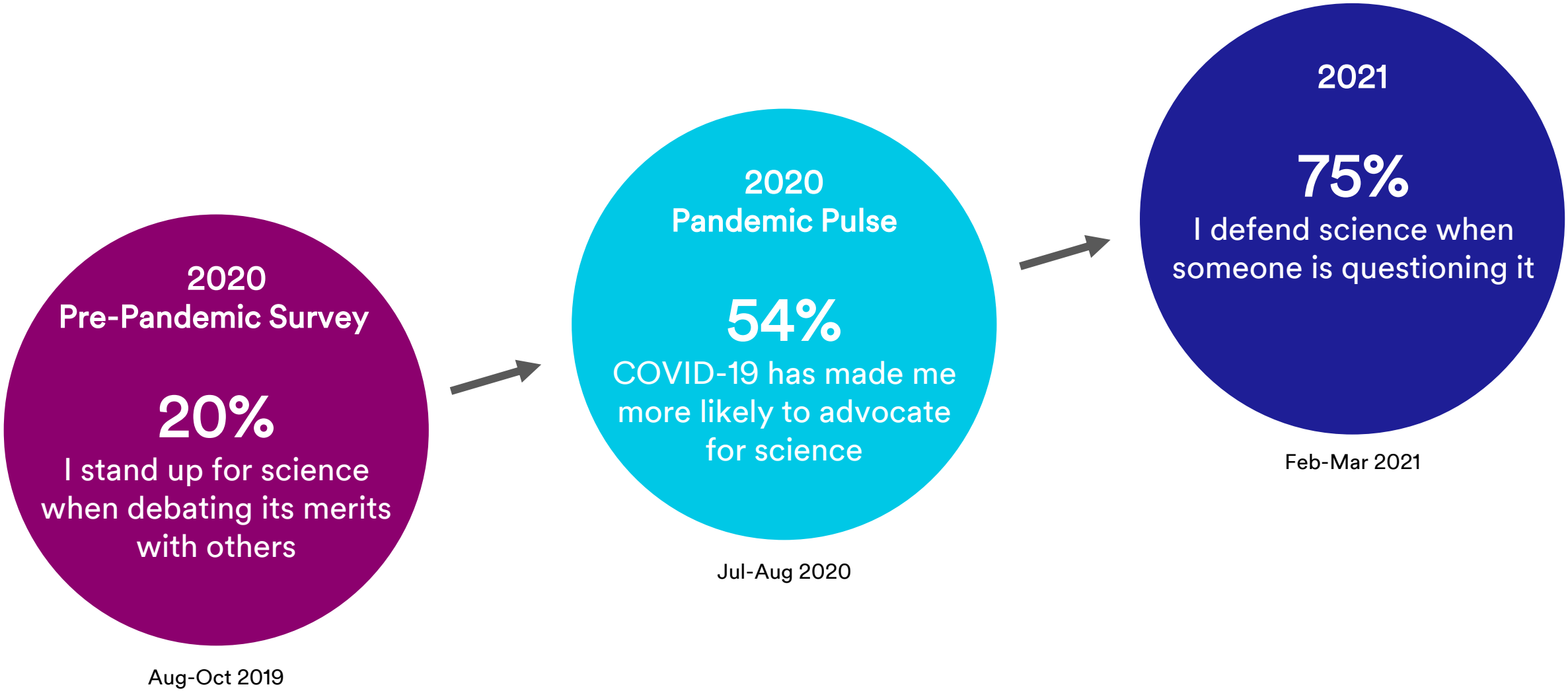
vs. 69% 2020 Pre-Pandemic

⬇ 10 pts

Q3. How much do you agree or disagree with each of the following statements? – If science didn't exist, my everyday life wouldn't be all that different - Agree Summary Base= 2021 10-Country Tracking Average (10,045) Fielded Feb-Mar 2021; 2020 Pre-Pandemic 10-Country Tracking Average (10,071) Fielded Aug-Oct 2019

Q5. How much do you think about the impact of science in your everyday life? Base= 2021 10-Country Tracking Average (10,045) Fielded Feb-Mar 2021; 2020 Pre-Pandemic 10-Country Tracking Average (10,071) Fielded Aug-Oct 2019

We seem more likely to stand-up for science as time goes by

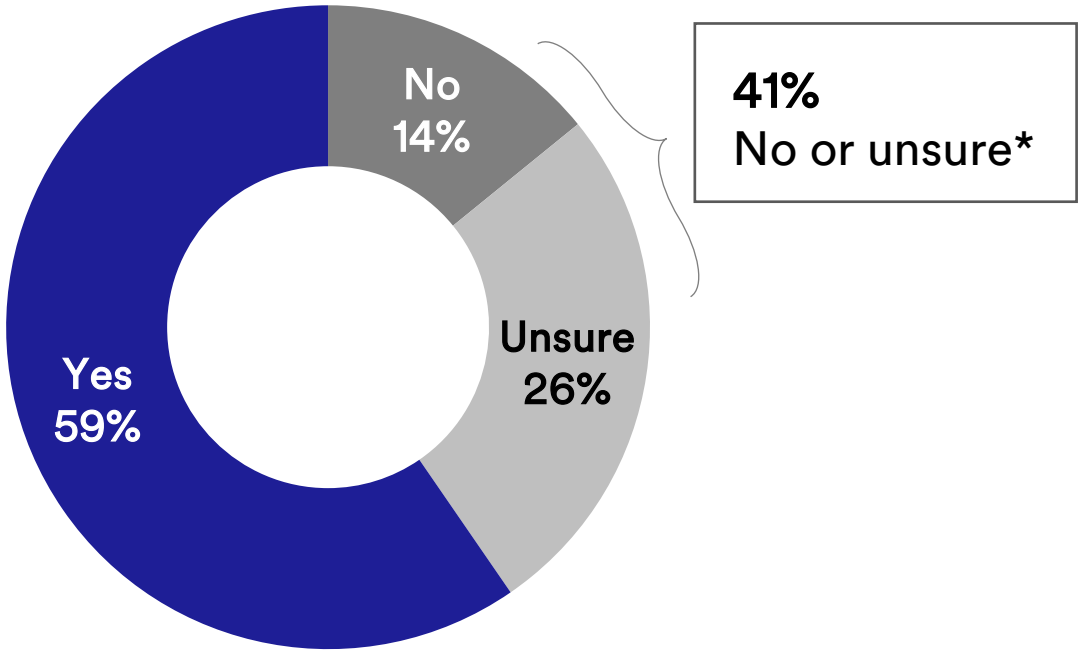


Q10. How much do you agree or disagree with each of the following statements? - I defend science when someone is questioning it – Agree Summary - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

As the pandemic subsides, will science appreciation wane?

One year into the pandemic, science appreciation remains high, but early indicators reveal some susceptibility.

Appreciation for science will continue after the pandemic subsides



Science is very important to society vs. 2020 Pandemic Pulse

US	Poland	Germany
⬇ 7 pts	⬇ 6 pts	⬇ 5 pts

* Percentages may not add up to 100% due to rounding

Q33. Based on recent research, we have seen an increase in appreciation for science during the coronavirus/COVID-19 pandemic. Do you believe that this appreciation for science will continue once the pandemic is over? Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Q2. Thinking about the present-day, how important do you feel science is... - To society in general - Base= 2021 US (1,000) Poland (1,010) Germany (1,005) Fielded Feb-Mar 2021; 2020 Pandemic Pulse US (1,010) Poland (1,014) Germany (1,010) Fielded Jul-Aug 2020

Theme 3:

STEM equity

There's a renewed focus on STEM because of the pandemic.

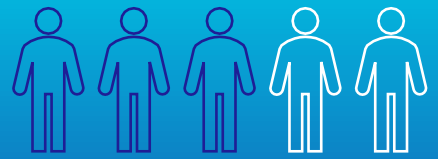
The pandemic has inspired greater awareness and more interest in STEM careers

Validated need for STEM

90%

Agree the world needs more people pursuing STEM careers

Inspired the next gen



62%

Believe scientists and medical professionals are inspiring a new generation to pursue STEM careers

Inspired my own ambitions

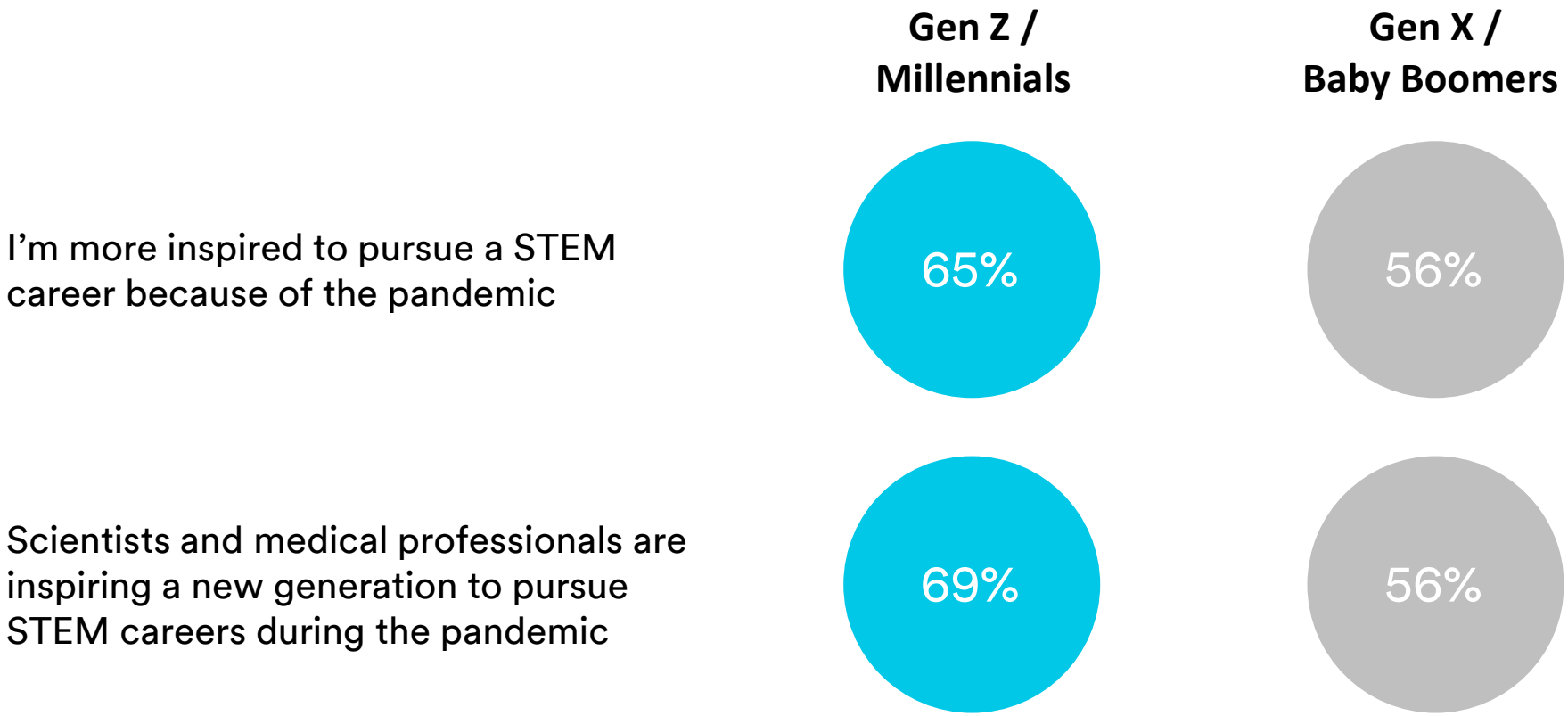
60%

Feel more inspired to pursue a STEM career due to the pandemic

Q15. How much do you agree or disagree with each of the following statements? - The world needs more people pursuing science, technology, engineering or math (STEM) related careers - Agree Summary - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021
Q39. During the coronavirus/COVID-19 pandemic, do you believe that scientists and medical professionals are inspiring a new generation to pursue a science-based career in the future? Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021
Q22. How much do you agree or disagree with each of the following statements? - I am more inspired to pursue a science, technology, engineering or math (STEM) career because of the coronavirus/COVID-19 pandemic. - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Younger generations are the most inspired by STEM careers

Over **2 in 3 (69%)** say young people are more engaged in science than ever before



Q15. How much do you agree or disagree with each of the following statements? - Young people are more engaged in science and science-related issues than ever before. – Agree Summary - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021
Q22. How much do you agree or disagree with each of the following statements? - I am more inspired to pursue a science, technology, engineering or math (STEM) career because of the coronavirus/COVID-19 pandemic. – Agree Summary - Base= 2021 17-Country Average (Gen Z/Millennials 7,489; Gen X/Baby Boomers 9,601) Fielded Feb-Mar 2021
Q39. During the coronavirus/COVID-19 pandemic, do you believe that scientists and medical professionals are inspiring a new generation to pursue a science-based career in the future? Base= 2021 17-Country Average (Gen Z/Millennials 7,489; Gen X/Baby Boomers 9,601) Fielded Feb-Mar 2021

How to seize the STEM trend to attract more students

Top 5 ways to inspire students to pursue STEM:

#1 If science was taught in a more engaging way (44%)

#2 If students had a better understanding of the different career opportunities in science (43%)

#3 If students could see how science provides them with a platform to make the world better (41%)

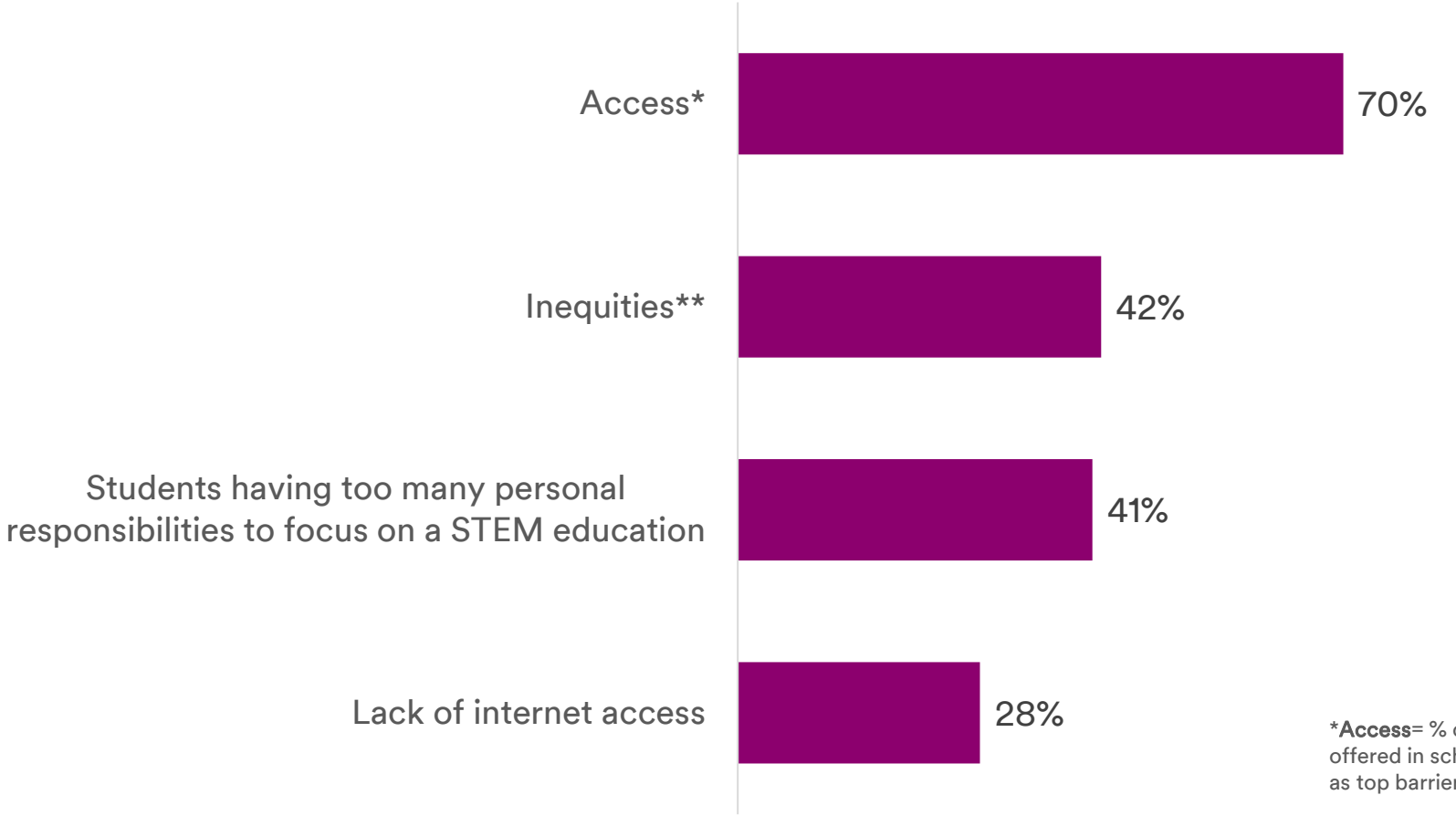
#4 If schools invested more in science curricula (40%)

#5 If science was more relatable to students' everyday lives (38%)

Q14. Students would be more inspired to pursue science, technology, engineering or math (STEM) if... Select top three.
Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Access to STEM and inequality are barriers we must remove

Top barriers to students pursuing a STEM education



*Access= % of respondents who selected “Lack of STEM classes offered in school” and/or “Not enough STEM educators/teachers” as top barriers

**Inequities= % of respondents who selected “Bias/prejudice against girls pursuing STEM” (Not asked in UAE) and/or “Bias/prejudice against ethnic/racial minorities pursuing STEM” (Not asked in China and UAE)

Q13. What do you believe are the top barriers, if any, standing in the way of students currently accessing a strong science, technology, engineering or math (STEM) education within your country? Select top three. Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Women and girls still face unparalleled obstacles

87%

Agree that more needs to be done to encourage and keep women/girls engaged in STEM education

70%

Believe there are negative consequences to society if the science community fails to attract more women to STEM careers*

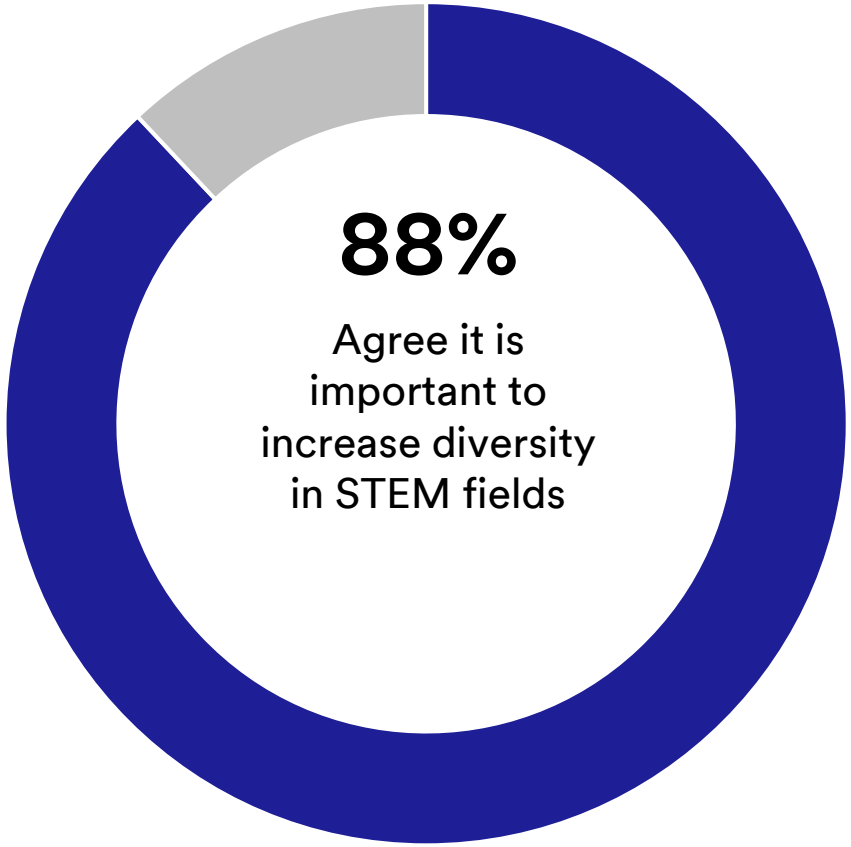
59%

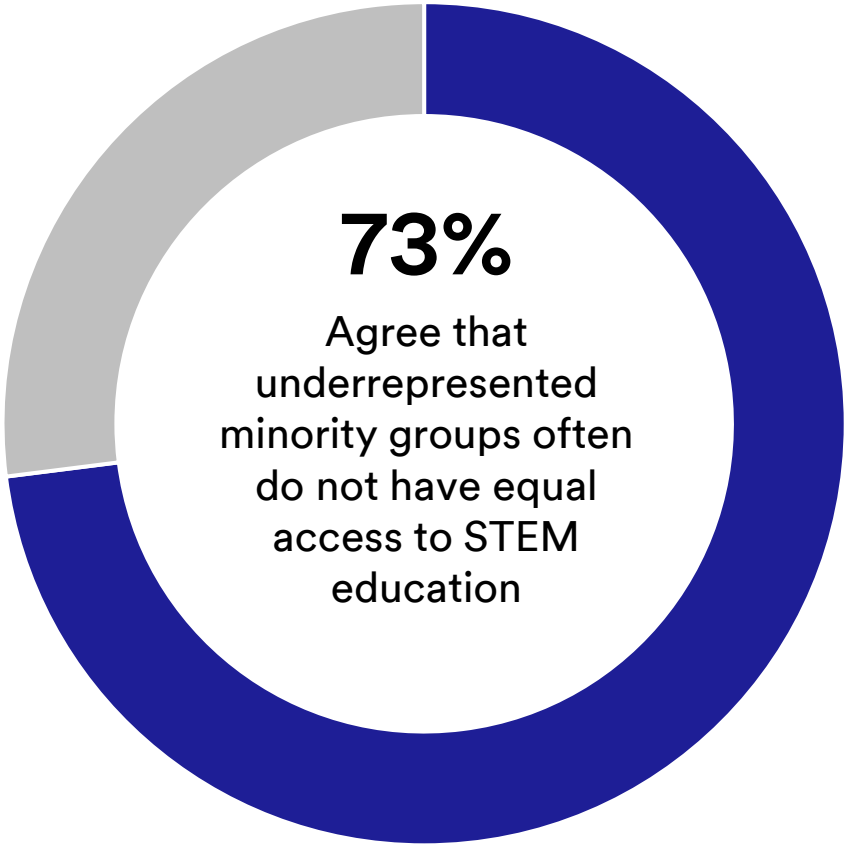
Say women/girls are discouraged from pursuing a STEM education more than men/boys*

* Not asked in UAE

Q15. How much do you agree or disagree with each of the following statements? More needs to be done to encourage and keep women and girls engaged in science, technology, engineering or math (STEM) education; There are negative consequences to society if the science community fails to attract more women to science, technology, engineering or math (STEM) careers; Women/girls are discouraged from pursuing a science, technology, engineering or math (STEM) education more than men/boys - Agree Summary - Base= 2021 17-Country Average (17,090). Fielded Feb-Mar 2021.

We value STEM diversity, but equity is a barrier to that





Q20. How much do you agree or disagree with the following statement: It is important to increase diversity and inclusion in science, technology, engineering and math (STEM) fields?– Agree Summary - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021
Q15. How much do you agree or disagree with each of the following statements? - Underrepresented minority groups often do not receive equal access to science, technology, engineering or math (STEM) education – Agree Summary - Base= 2021 17-Country Average (16,079) Fielded Feb-Mar 2021

We recognize that diversity can help science achieve more

#1 Greater global collaboration between scientists (48%)

#2 More innovative ideas (45%)

Tied-#3 New and improved approaches to existing research techniques (43%)

Tied-#3 More research and innovation to help underserved populations (43%)

Q21. Which, if any, of the following do you think science would achieve with more diversity in science, technology, engineering and math (STEM) fields? By more diversity, we mean more people from different backgrounds, races, ethnicities, gender, etc. Select all that apply. - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Beyond the front lines of STEM, corporations have a role to play

Organizations that should be very involved in students' STEM education

#1 Teachers (61%)

#2 Governments* (52%)

#3 Corporations (40%)

#4 Students' family members (37%)

#5 Non-profits/NGOs (31%)

* Not asked in UAE

Q16. To what extent do you believe each of the following entities should play a role in supporting students' science, technology, engineering or math (STEM) education? - Very involved Summary - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Theme 4:

Sustainability

We are more aware - and science is part of the solution.

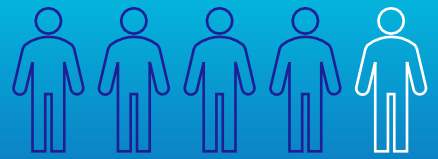
The pandemic has opened our eyes to sustainability issues, and science is part of the solution

Awareness

77%

Agree the pandemic has made us more environmentally conscious

Importance



84%

Focusing on sustainability is key to getting back to a pre-pandemic normal

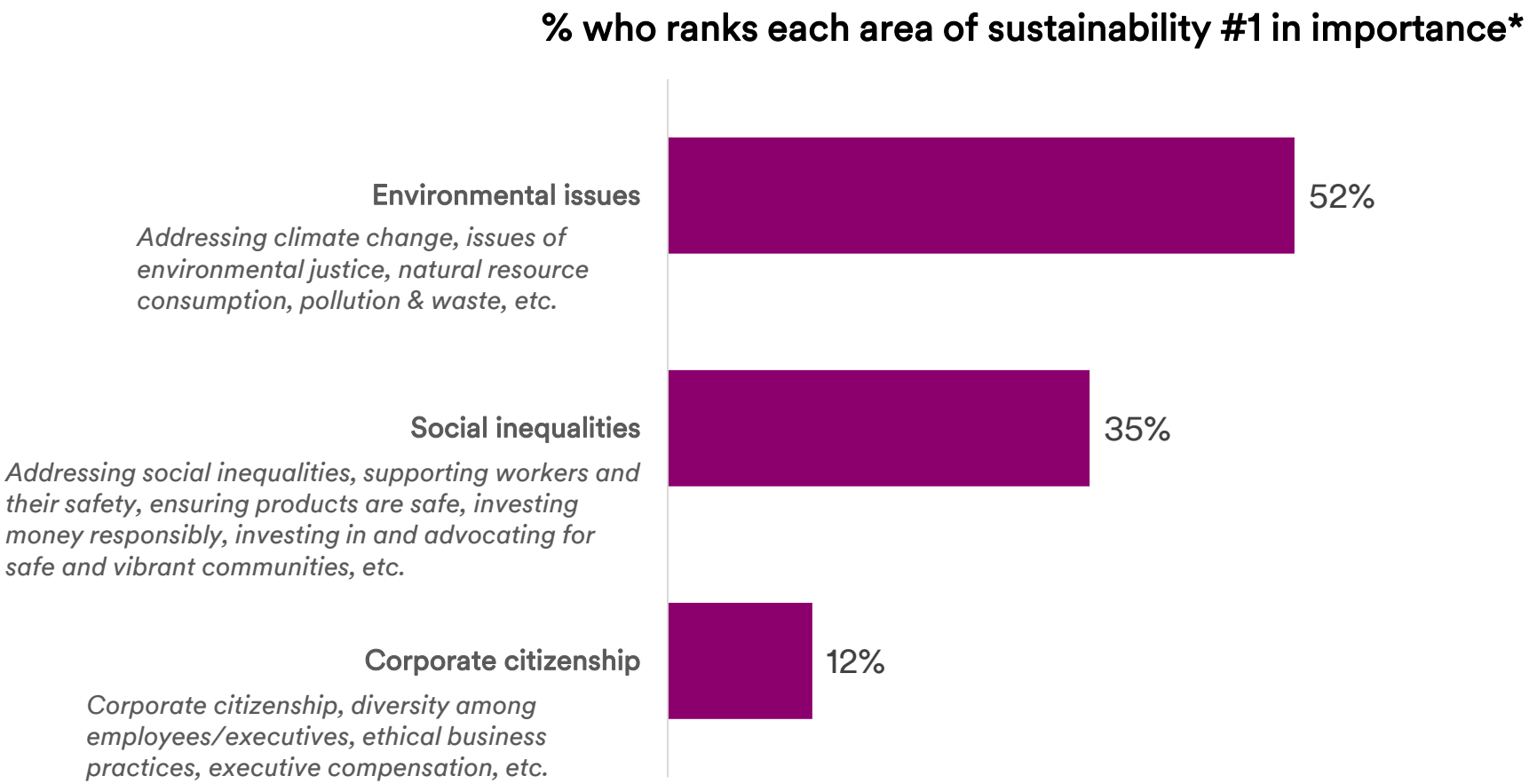
Role of science

89%

People should follow the science to help make the world more sustainable

Q25. How much do you agree or disagree with each of the following statements? - The coronavirus/COVID-19 pandemic has made me more environmentally conscious; Focusing on sustainability is key to getting the world back to a pre-pandemic normal; People should follow the science to help make the world more sustainable – Agree Summary - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

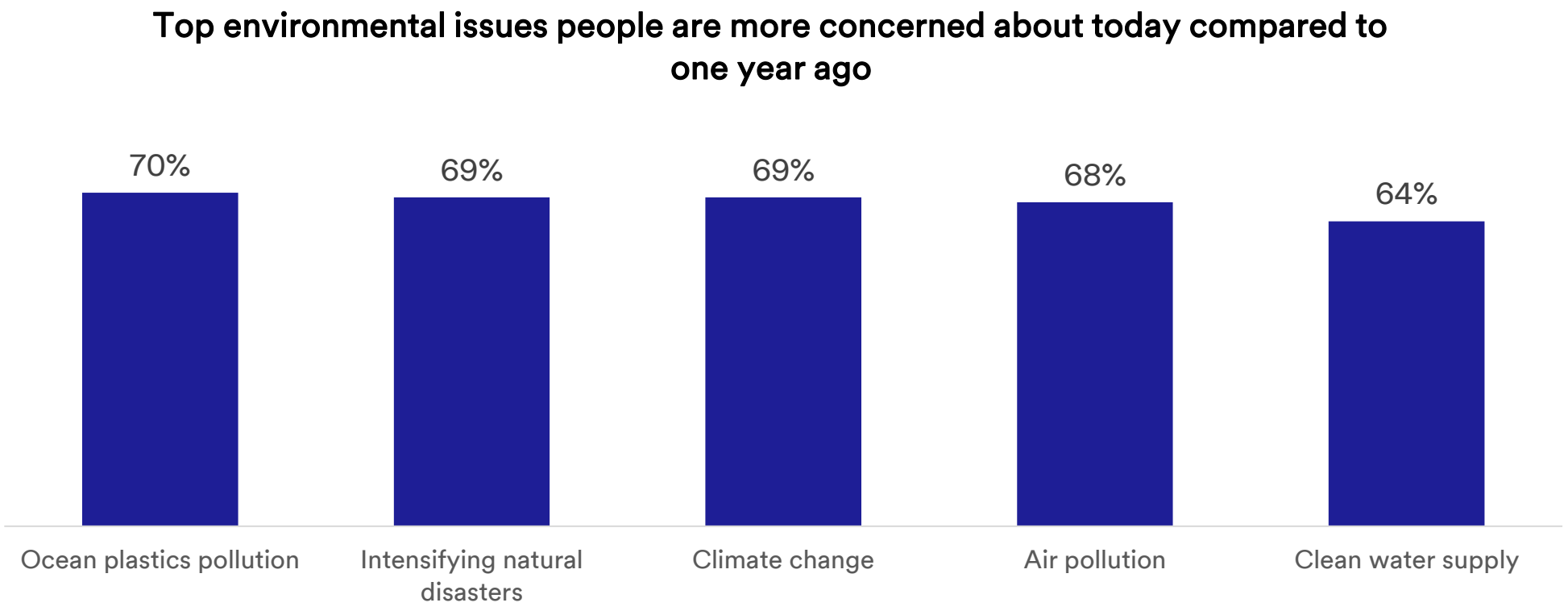
Within sustainable issues, the environment ranks #1



* Not asked in UAE

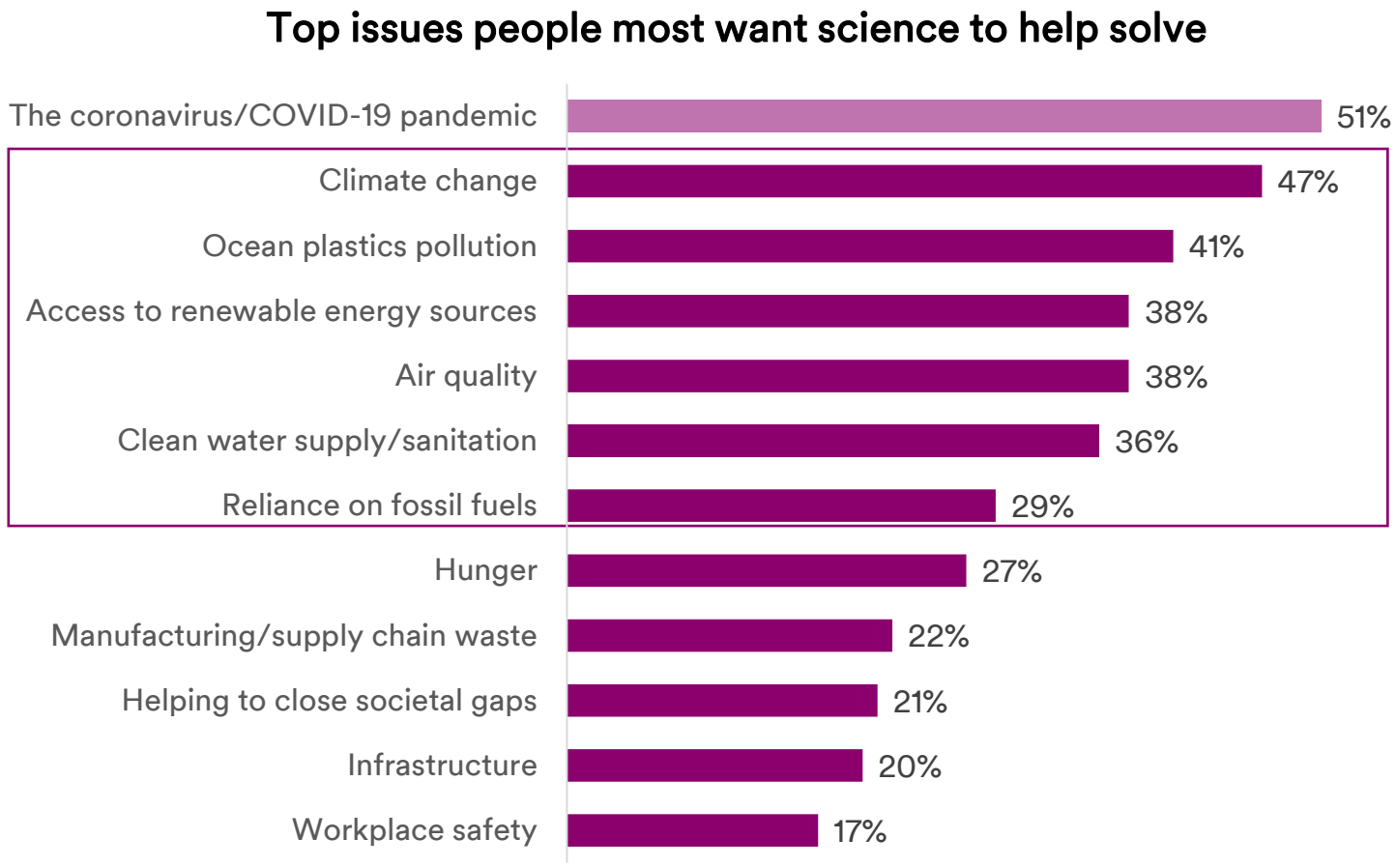
Q24. Please rank the following areas of sustainability based on their importance to you. – Rank #1 Base= 2021 17-Country Average (16,079) Fielded Feb-Mar 2021

We are more concerned about environmental issues



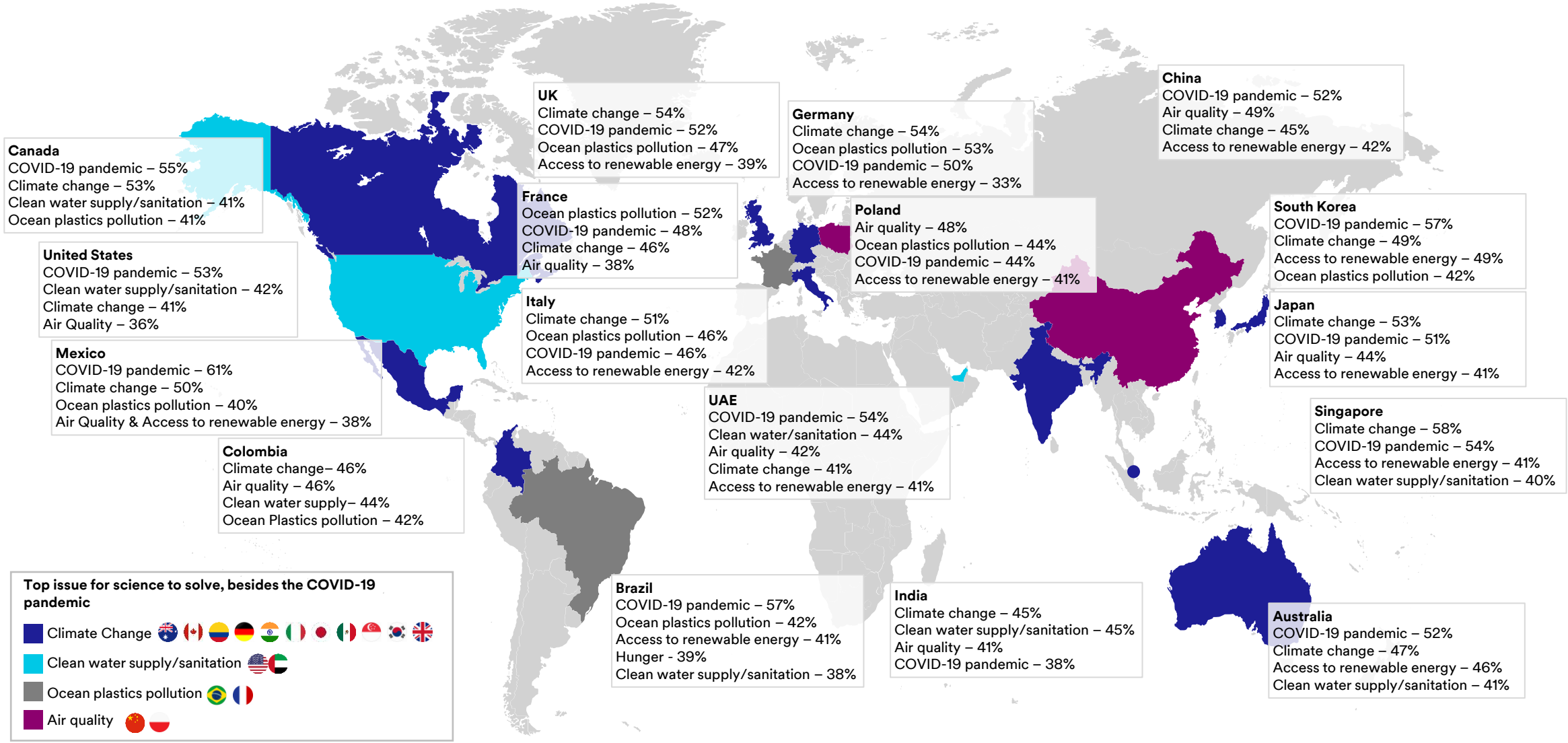
Q23. Compared to one year ago, how concerned are you about each of the following environmental issues? - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

The planet is the most important priority for science, apart from the pandemic



Q41. Which, if any, of the following issues do you most want science to help solve? Select top four. Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Top global concerns: climate change, clean water, pollution



Q41. Which, if any, of the following issues do you most want science to help solve? Select top four. Base= 2021 17-Country Average (17,090), Australia (1,005), Brazil (1,005), Canada (1,005), China (1,002), Colombia (1,010), France (1,005), India (1,006), Italy (1,003), Japan (1,006), Mexico (1,002), Poland (1,010), Singapore (1,005), South Korea (1,005), UAE (1,011), UK (1,005), US (1,000), Germany (1,005) Fielded Feb-Mar 2021

Urgency to address climate change is universal – and younger generations lead the pack

The pandemic has made me more environmentally conscious:

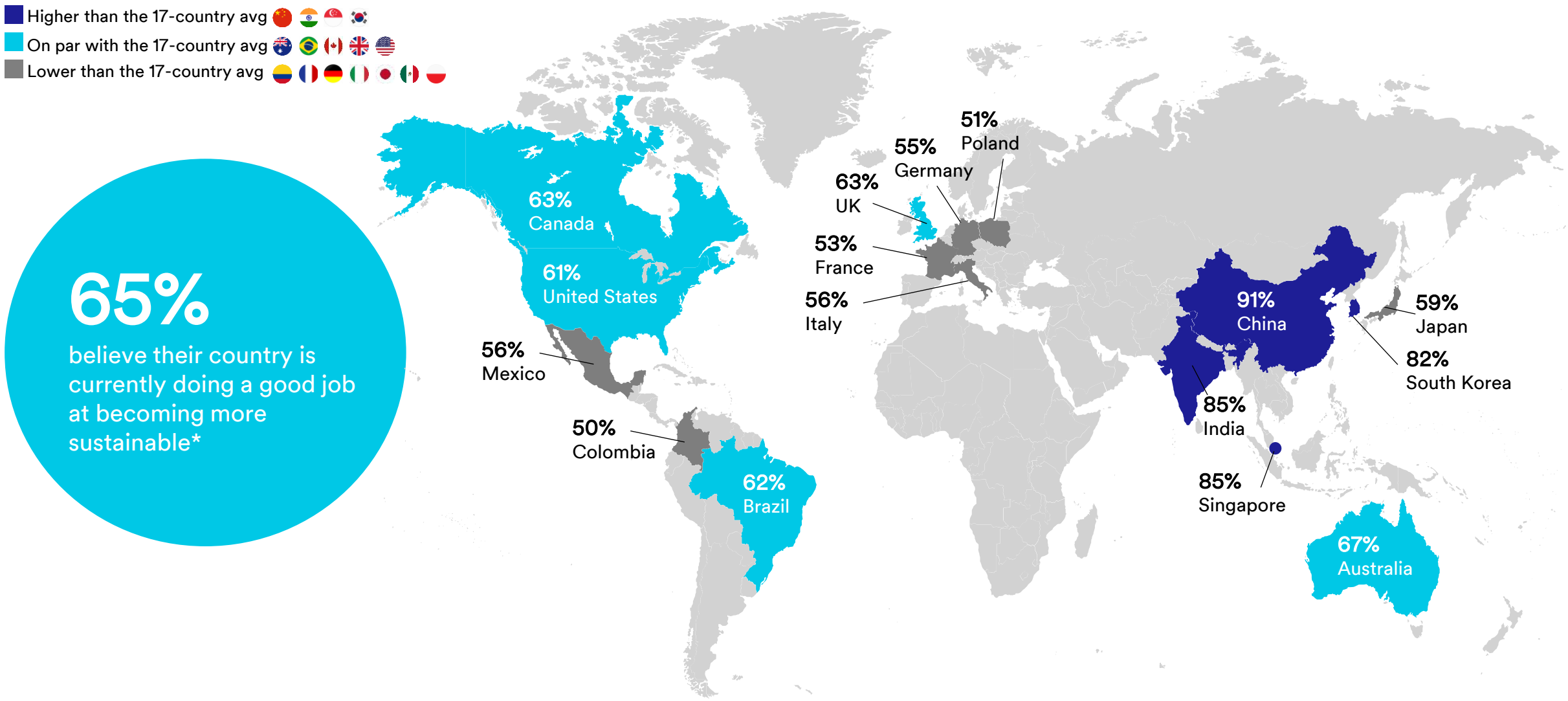
80% Gen Z,
79% Millennials
76% Gen X,
73% Baby Boomers

More concerned about climate change than a year ago:

72% Gen Z,
70% Millennials
68% Gen X,
68% Baby Boomers

Q25. How much do you agree or disagree with each of the following statements? - Agree Summary - Base= 2021 17-Country Average (17,090) (Gen Z/Millennials 7,489; Gen X/Baby Boomers 9,601) Fielded Feb-Mar 2021
Q23. Compared to one year ago, how concerned are you about each of the following environmental issues? - More concerned Base= 2021 17-Country Average (Gen Z/Millennials 7,489; Gen X/Baby Boomers 9,601) Fielded Feb-Mar 2021

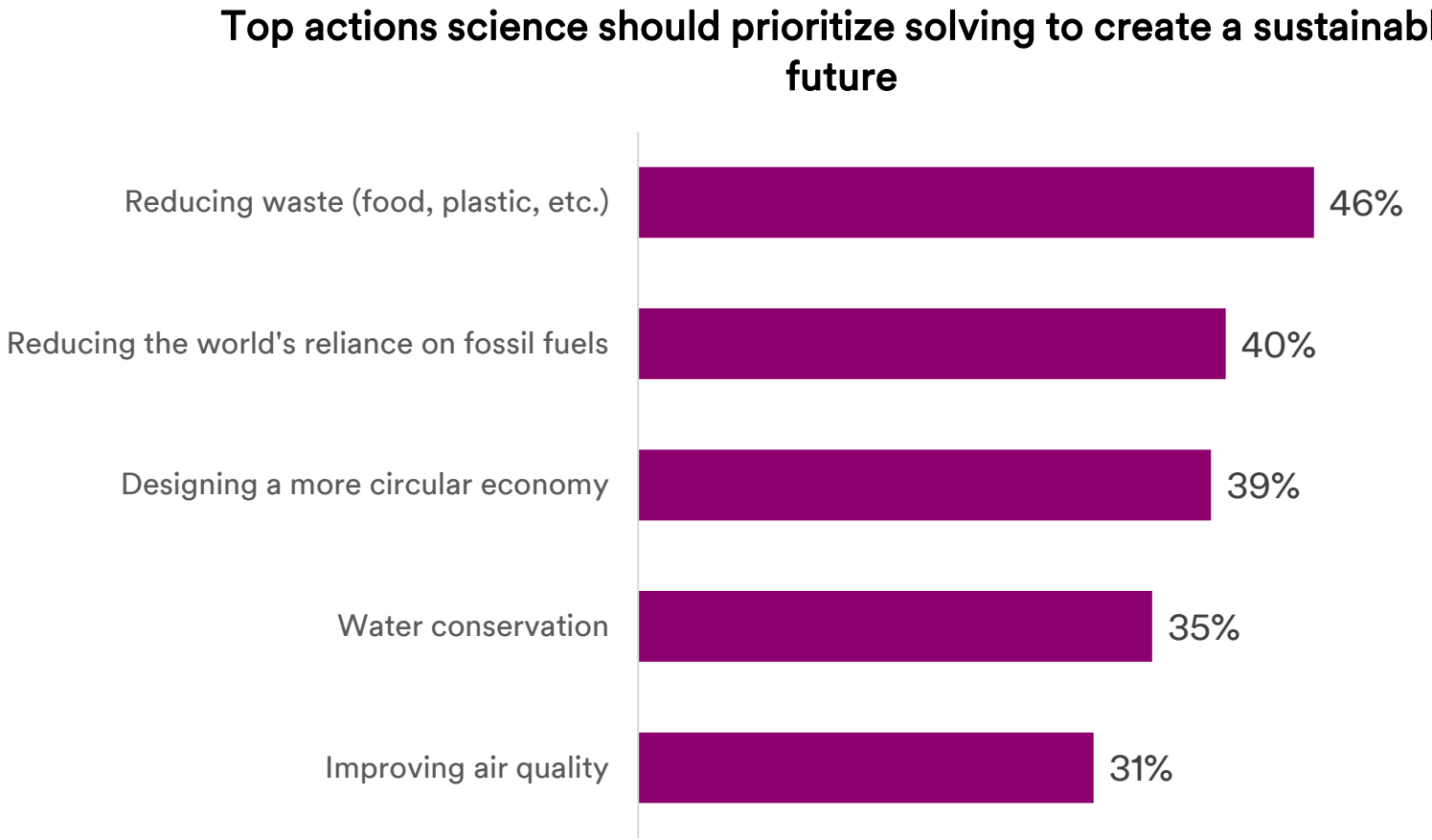
How consumers score their own country on sustainability



* Not asked to UAE

Q25. How much do you agree or disagree with each of the following statements? - My country is currently doing a good job at becoming more sustainable - Base= 2021 17-Country Average (16,079) Fielded Feb-Mar 2021

For a more sustainable future, science should prioritize reducing waste and reliance on fossil fuels



Q26. When it comes to creating a sustainable future, which, if any, of the following do you think science should prioritize solving? Select top two. Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Theme 5:

Shared responsibility

Cross-border and public/private sector collaboration are key expectations.

There's a heightened need to collaborate on science-based solutions due to recent global issues

92%

Agree there should be more collaboration across sectors to advance science

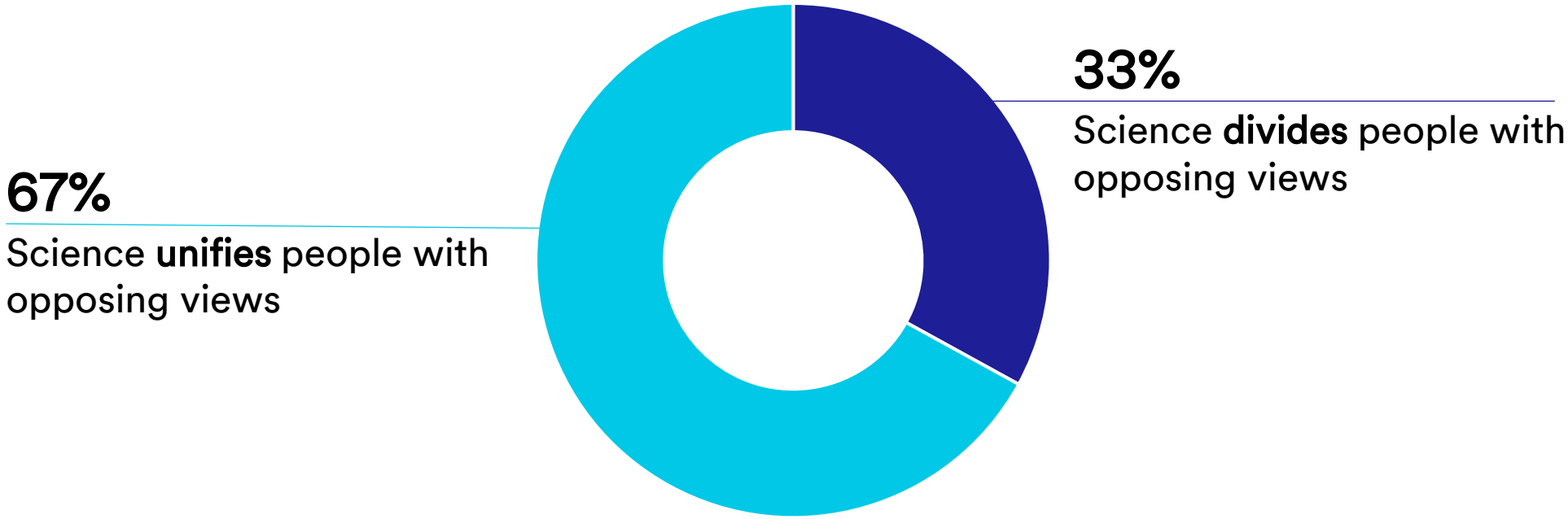
91%

Say that as the world faces major challenges, such as the pandemic and climate change, countries should collaborate to create solutions based in science

Q45. How much do you agree or disagree with each of the following statements? - There should be more collaboration across sectors to advance science; As the world faces major challenges such as the pandemic and climate change, countries should collaborate to create solutions based in science - Agree Summary - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Science can be considered a catalyst for collaboration since most of us view it as a unifying force

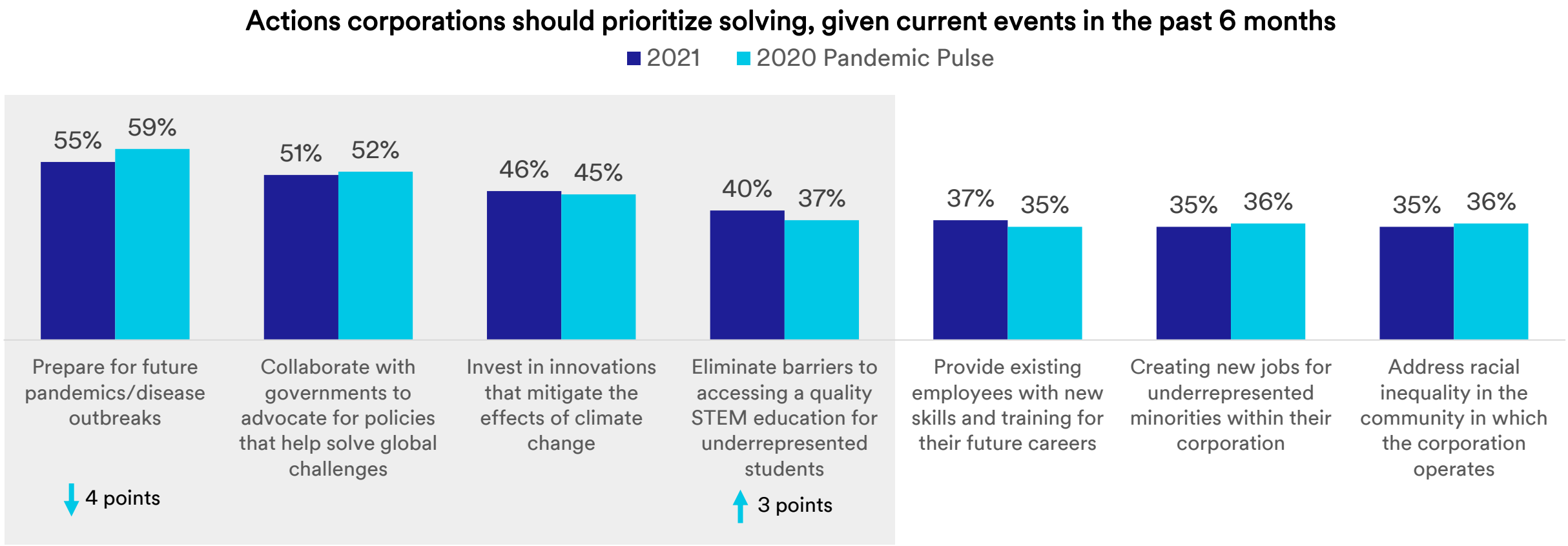
Science unites us more than it divides is when our views are not aligned



Q47. Which of the following statements are you more likely to agree with? Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

The issues we want corporations to prioritize and solve

The top four include pandemic preparedness, government collaboration, climate change and STEM equity

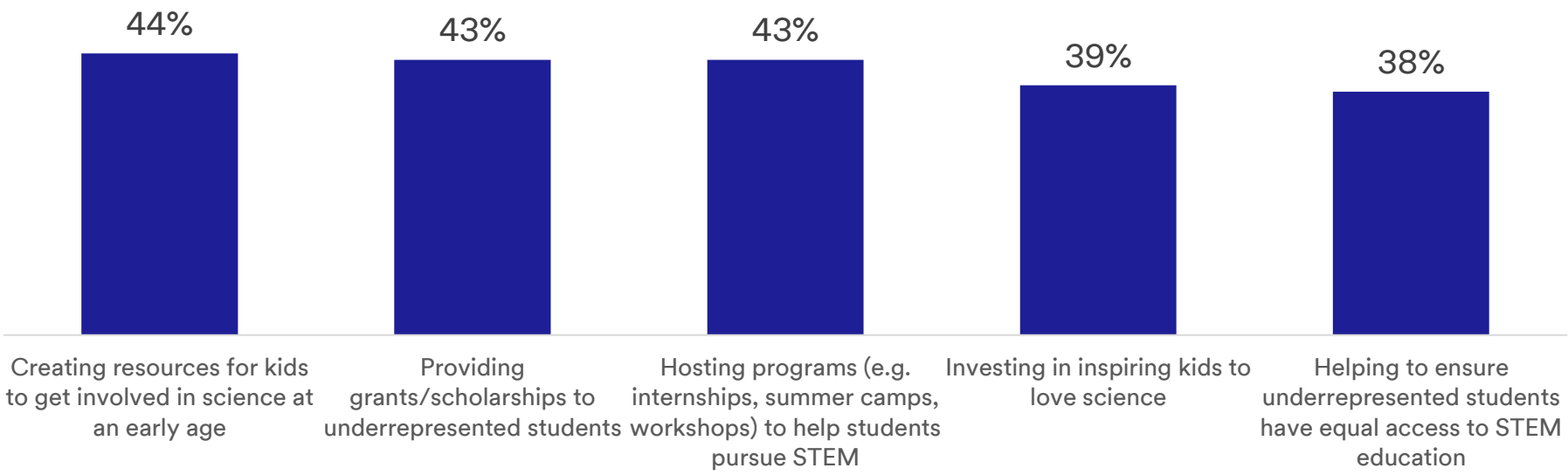


Q43. As you continue thinking about current events over the last six months (e.g. the coronavirus/COVID-19 outbreak and vaccine development, record-breaking natural disasters, global economic recession, etc.), which, if any, of the following actions should corporations prioritize in the future (beyond their core business purpose)? 2021 10-Country Tracking Average (10,045) Fielded Feb-Mar 2021; 2020 Pandemic Pulse 10-Country Tracking Average (10,081) Fielded Jul-Aug 2020

Corporations and STEM responsibility: what to prioritize

Top five actions corporations should prioritize most around STEM education

(among those who said corporations should be involved in supporting STEM education)

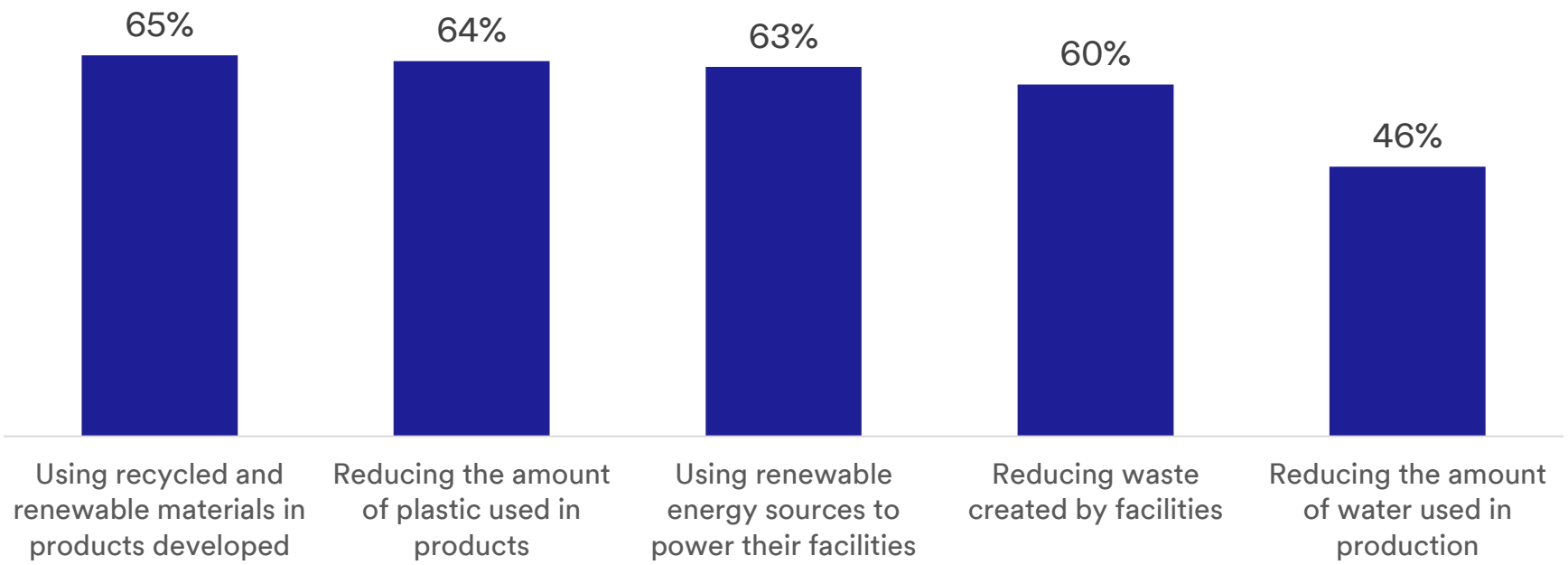


89%
believe corporations should play a key role in improving diversity in STEM fields

Q17. Which, if any, of the following do you think corporations should prioritize most around science, technology, engineering and math (STEM) education? Select top three. Base= Those who believe corporations should be involved in supporting STEM education 2021 17-Country Average (15,605) Fielded Feb-Mar 2021
Q45. How much do you agree or disagree with each of the following statements? - Corporations should play a key role in improving diversity within science, technology, engineering and math (STEM) fields – Agree Summary - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

Corporations and sustainability: what to prioritize

Top five actions for companies to prioritize in building a more sustainable future

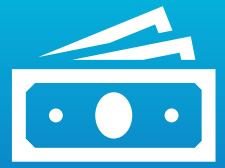


92%
agree it's necessary that corporations do their part in combatting climate change

Q27. Which, if any, of the following actions do you think companies should prioritize in building a more sustainable future for all? Select top five. Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021
Q45. How much do you agree or disagree with each of the following statements? - It's necessary for corporations to do their part to combat climate change – Agree Summary - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

We want more science investment, and it should shape policy

91%
Agree investments in science make my country stronger



92%
Believe that in light of the pandemic, science needs more funding/financial support

85%
Say science should help drive policy decision making*

* Not asked to UAE
Q45. How much do you agree or disagree with each of the following statements? - Investments in science make my country stronger- Agree Summary - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021
Q29. In light of the coronavirus/COVID-19 pandemic, how much do you agree or disagree with each of the following? - Science needs more funding/financial support - Agree Summary - Base= 2021 17-Country Average (17,090) Fielded Feb-Mar 2021
Q45. How much do you agree or disagree with each of the following statements? - Science should help drive policy decision making - Agree Summary - Base= 2021 17-Country Average (16,079) Fielded Feb-Mar 2021