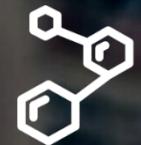


**3M** Science.  
Applied to Life.™

# State of Science Index 2022

## 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

<b>Wave 1</b> 2018	Fielded June 14-August 26, 2017 Benchmarked perceptions, sentiment and trust toward science around the world for the first time.	<b>Wave 5</b> 2021	Fielded February 2, 2021–March 23, 2021 Sought to understand and forecast the long-term impact of COVID-19 on perceptions of science.
<b>Wave 2</b> 2019	Fielded July 13-September 10, 2018 Tracked whether and how perceptions of science have changed over one year.	<b>Wave 6</b> 2022 YEAR 5	Fielded September 27, 2021– December 17, 2021 Moves beyond COVID-19 to explore the future of science and capture sentiment related to 3M's core brand priorities of STEM equity, health equity, upskilling/trades, and environmental justice/sustainability.
<b>Wave 3</b> 2020 <i>Before COVID-19</i>	Fielded August 19-October 22, 2019 Probed deeper into timely topics around the world, such as STEM inequity, sustainability, etc.		
<b>Wave 4</b> 2020 <i>During COVID-19 Pulse</i>	Fielded July 22-August 16, 2020 Aimed to understand how perceptions of science have shifted since the onset of COVID-19.		



# Who and where we're surveying in 2022



## Who?

1,000 General Population  
respondents per country

about 10% of respondents are considered Opinion Leaders

**NEW in 2022 – Expanded US sample to analyze the results across  
the following key segments in a more granular way:**

- Oversample of Gen Z (16-24) in the US
- Oversample of Black/African Americans and Hispanic Americans in the US



## Where?

17 Countries:

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> US      | <input checked="" type="checkbox"/> Mexico      | <input checked="" type="checkbox"/> France    |
| <input checked="" type="checkbox"/> Canada  | <input checked="" type="checkbox"/> Japan       | <input checked="" type="checkbox"/> UAE       |
| <input checked="" type="checkbox"/> UK      | <input checked="" type="checkbox"/> Singapore   | <input checked="" type="checkbox"/> Italy     |
| <input checked="" type="checkbox"/> Germany | <input checked="" type="checkbox"/> South Korea | <input checked="" type="checkbox"/> Colombia  |
| <input checked="" type="checkbox"/> Poland  | <input checked="" type="checkbox"/> China       | <input checked="" type="checkbox"/> Australia |
| <input checked="" type="checkbox"/> Brazil  | <input checked="" type="checkbox"/> India       |   |

\* 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 (Brazil, Canada, China, Germany, Japan, Mexico, Poland, Singapore, UK, US)

# Additional survey methodology details

<b>Survey methodology &amp; timing</b>	<b>20-minute survey, combination offline and online interviewing*</b> <ul style="list-style-type: none"><li>Fielding/interviewing completed September 27, 2021–December 17, 2021</li><li>Data processing, quality control checking, and weighting completed December 18, 2021-January 10, 2022</li></ul>
<b>2022 Global</b>	<b>17-country average</b> <ul style="list-style-type: none"><li>All data that is not tracking, and that we are not comparing with previous waves, is represented by the 17-country global average.</li></ul>
<b>Global trends: 2018 – 2022 (6 waves)</b>	<b>10-country tracking average</b> <ul style="list-style-type: none"><li>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 six waves.**</li></ul>
<b>Margin of error</b>	<b>At the 95% confidence level</b> <ul style="list-style-type: none"><li>17-country average: +/- 0.8 percentage points</li><li>10-country average: +/- 1.0 percentage points</li><li>Each individual country: +/- 3.10 percentage points</li></ul>
<b>Data in this report</b>	<b>Unless otherwise noted, all data in this report is from the 2022 survey.</b>
<b>Science was defined as:</b>	<b>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.</b>

\* 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

We have entered a point in time in which living with a global pandemic represents the world's 'new' normal. As we acclimated to this new normal, did our new-found trust in science (driven by the pandemic) continue to thrive? Or did pandemic fatigue set in and return us to a state of indifference?

Appreciation for science did continue in 2022 - and its impact on our lives remains palpable, highly relevant and deeply personal. Mutations such as Delta and Omicron likely serve as a reminder of our dependence on science to go about our everyday lives. But the spotlight on science has shifted with the arrival of a new theme in 2022 – and one that may pose the biggest threat we have seen to the image of science: Misinformation.

This issue is all-the-more important because people increasingly recognize the intersection between science and social impact as they look to science to solve problems beyond the pandemic, such as health equity, STEM equity and sustainability.



# Our global themes for 2022:

## Image of science

**High trust in science holds steady, but misinformation threatens scientific credibility**

### STEM equity

**There is significant work to be done to improve diversity and inclusion in STEM.**

While people claim diversity in science is important, their views on representation in science for gender, POC and LGBTQ+ do not align.

### Upskilling and trade skills

**Skilled trades have an image problem –people do not see career growth.**

Employers have a responsibility to offer upskilling opportunities, especially in digital skills, to promote career advancement.

### Sustainability

**Climate change is personal—many fear displacement as a result of extreme weather.**

Expectations are high – science, corporations and communities all need to be a part of building a sustainable future.

### Health equity

**Improving access to quality healthcare is a top priority for science.**

Addressing the social drivers of health will help to close inequitable gaps within care.

### Future technology

**Innovation and transparency will drive science appreciation in the future.**

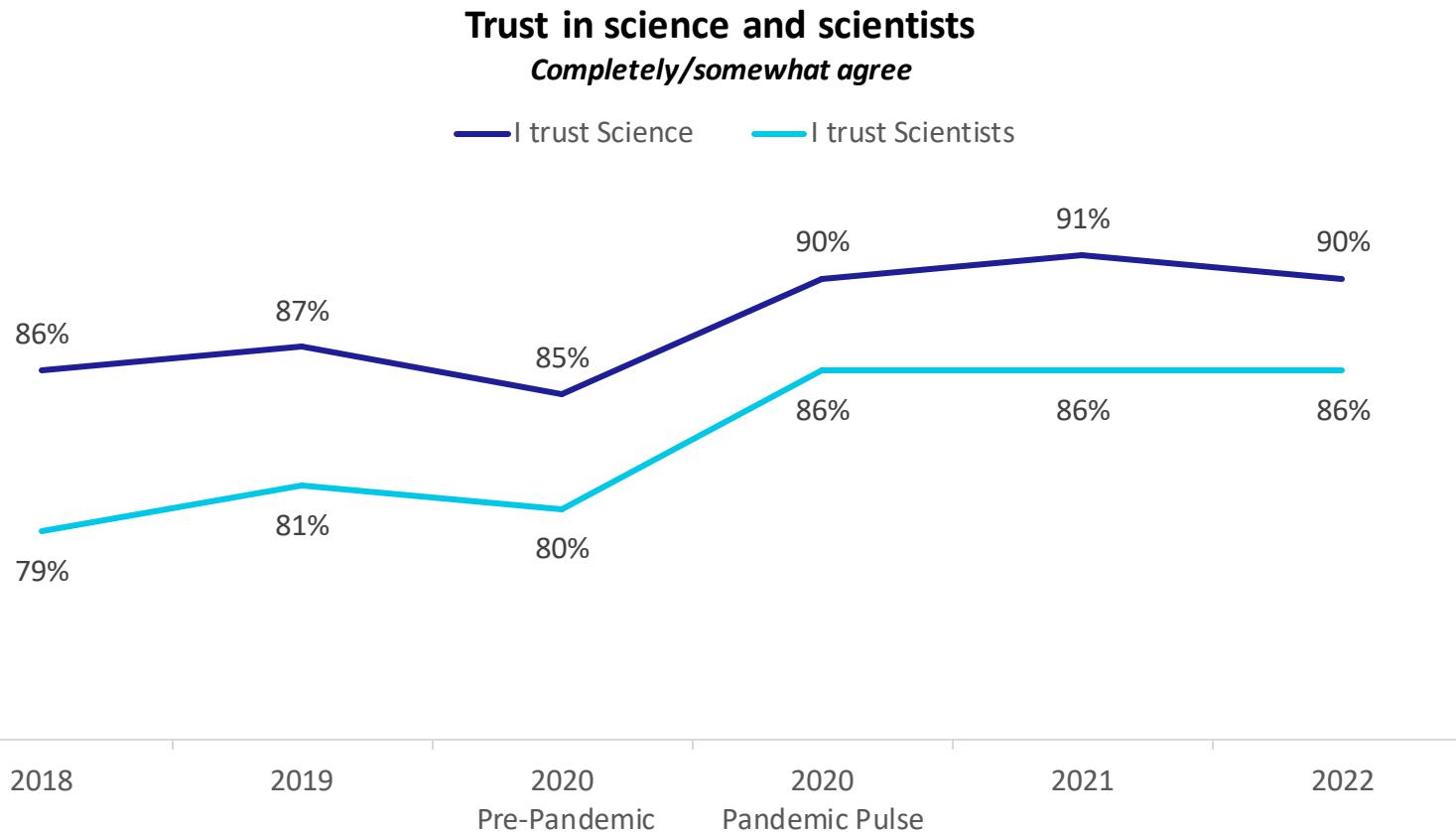
Artificial intelligence, while considered exciting, also sparks concerns in many people. Demonstrating ethical and transparent use of new technologies will be crucial to maintain trust.



# Image of science



# Scientists are still trusted, and people want to hear more from them

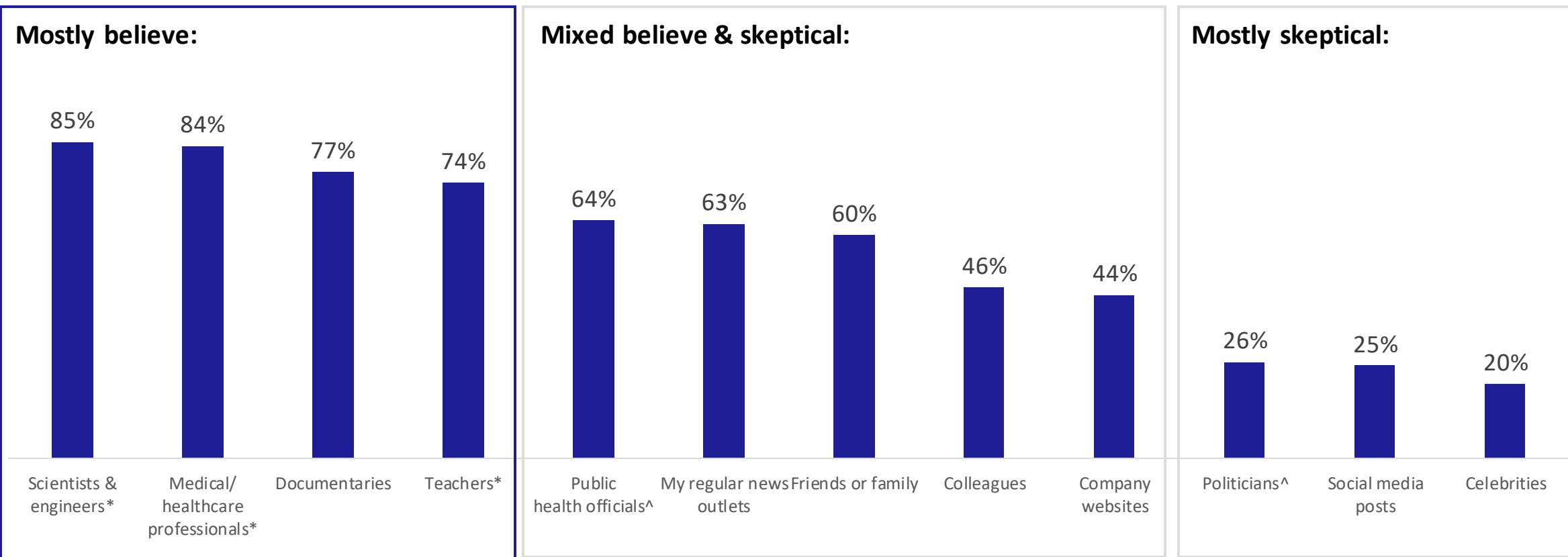


Q2. How much do you agree or disagree with the following statements? I trust science; I trust scientists – Agree Summary- Base= 2022 10-Country Tracking Average (10,127) Fielded Sept-Dec 2021; 2021 10-Country Tracking Average (10,045) Fielded Feb-Mar 2021; 2020 Pandemic Pulse 10-Country Tracking Average (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

Q5. How much do you agree or disagree with the following statement? I want to hear more from scientists about their work – Agree Summary – Base= 2022 17-Country Average (17,198) Fielded Sept-Dec 2021

# Scientists are the most credible source for scientific information, followed closely by medical professionals

% who believe scientific information coming from each source:



\* New option asked in 2022 use 17-Country Average

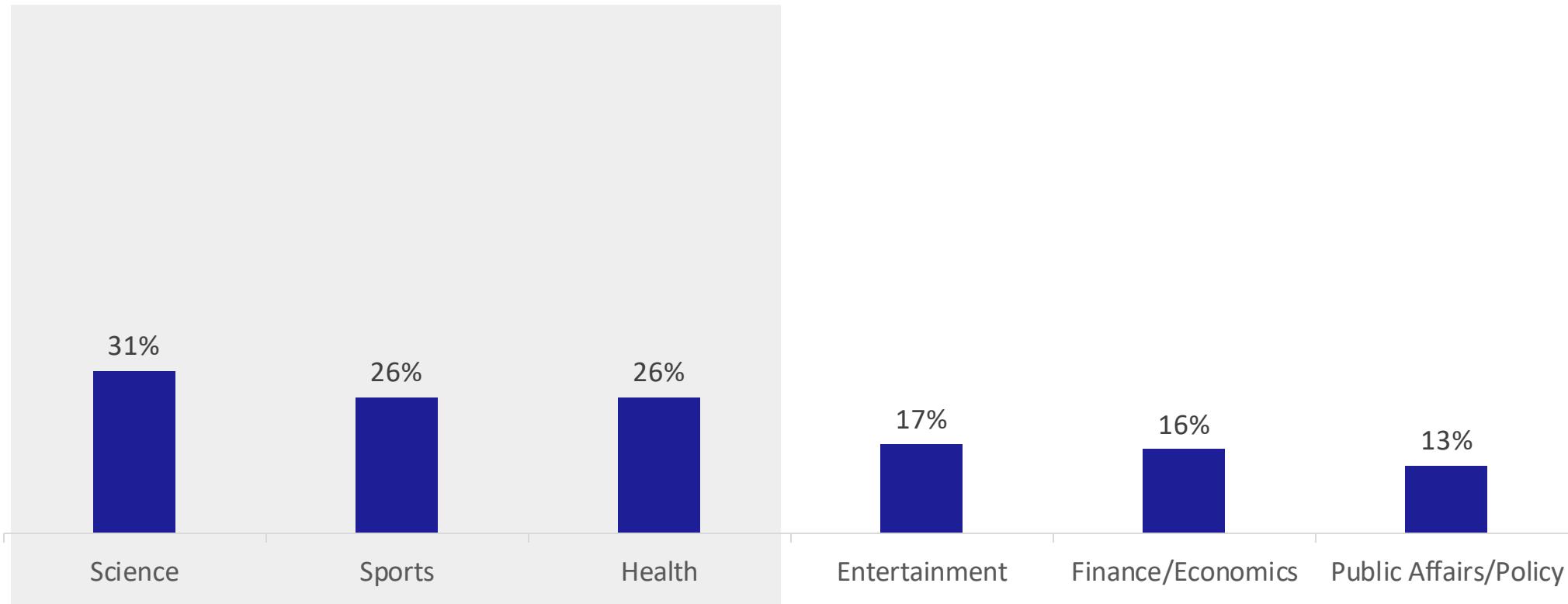
^ Not asked in UAE

Q4. 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= Base= 2022 17-Country Average (17,198) Fielded Sept-Dec 2021; 2022 10-Country Tracking Average (10,127) Fielded  
Sept-Dec 2021



# Complete trust in news stories is low across topics – but trust in stories about science leads the pack

% who completely trust news stories about the following topics:



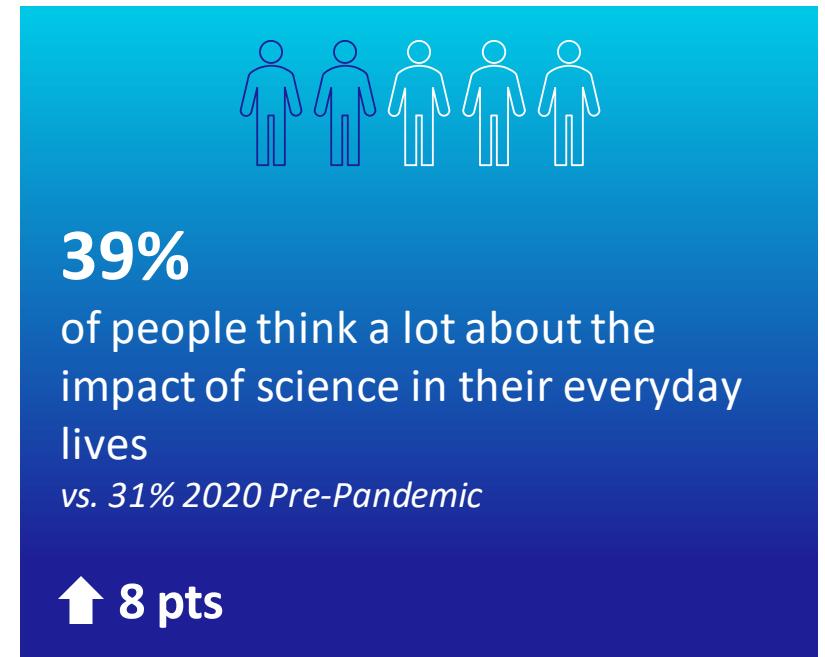
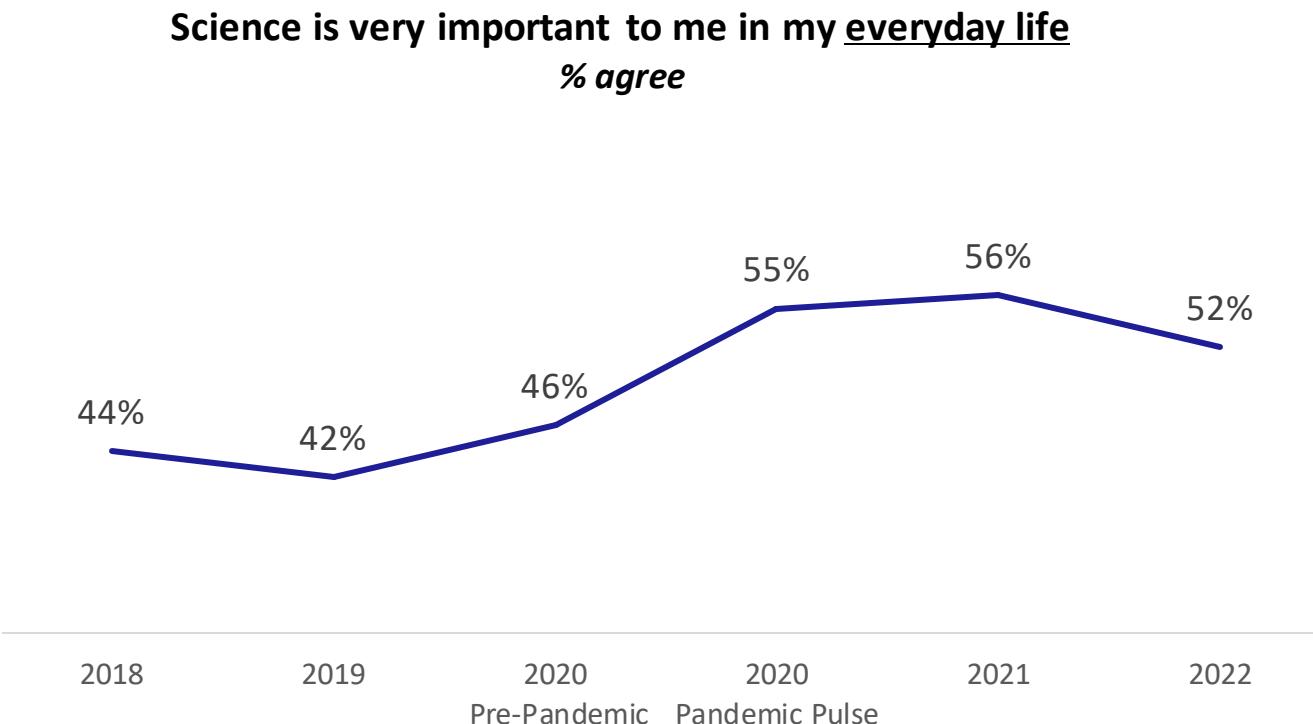
Q6. To what extent, if at all, do you trust news stories (i.e., in online, print or broadcast/ TV news outlets) about each of the following topics? Base= 2022 17-Country Average (17,198) Fielded Sept-Dec 2021

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# Science is more relevant to younger generations

Since 2018, the importance of science has risen 8 points. Younger generations (61% of Gen Z + Millennials) are more likely than older generations (53% of Gen X + Baby Boomers) to agree that science is very important to their everyday lives.

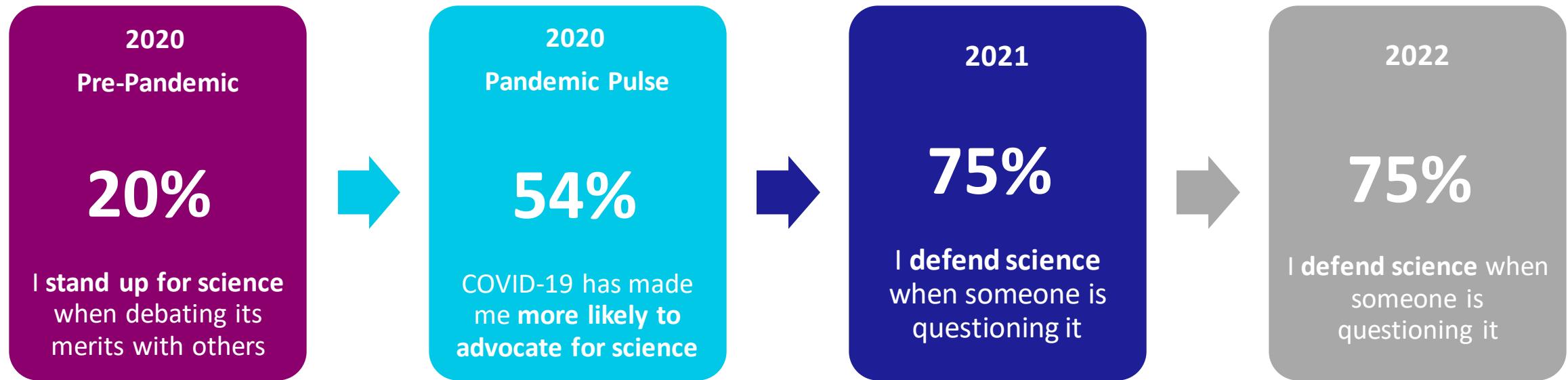


Q1. Thinking about the present-day, how important do you feel science is to you in your everyday life? - Very important Summary - Base= 2022 10-Country Tracking Average (10,127) Fielded Sept-Dec 2021; 2021 10-Country Tracking Average (10,045) Fielded Feb-Mar 2021; 2020 Pandemic Pulse 10-Country Tracking 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

Q3. How much do you think about the impact of science in your everyday life? Base= 2022 10-Country Tracking Average (10,127) Fielded Sept-Dec 2021; 2020 Pre-Pandemic 10-Country Tracking Average (10,071) Fielded Aug-Oct 2019

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# We continue to fiercely stand-up for science today



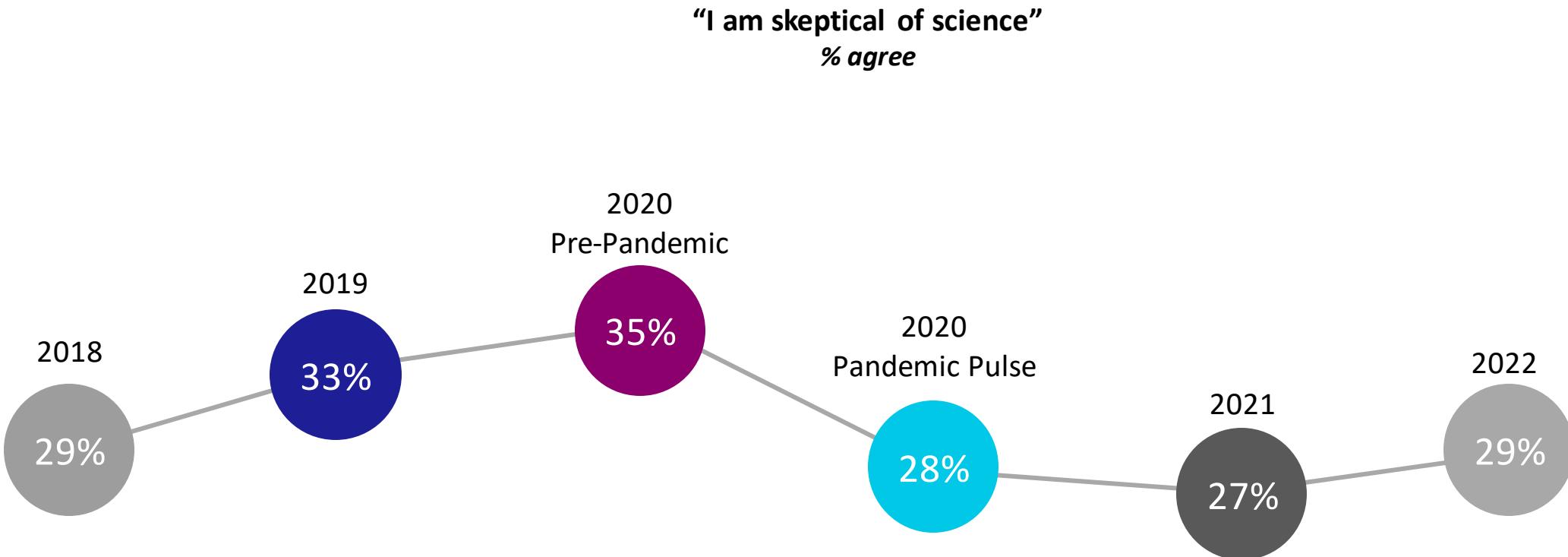
2020 Pre-Pandemic: Q18. Which, if any, of the following do you do to support science activities and advancing scientific discoveries? Select all that apply. Base= 2020 Pre-Pandemic 14-Country Average (14,105)

2020 Pandemic Pulse: Q16. Has the Coronavirus/COVID-19 outbreak made you more or less likely to advocate for science? – More likely Summary – Base= 2020 Pandemic Pulse 11-Country Average (11,082)

Q5. How much do you agree or disagree with each of the following statements? - I defend science when someone is questioning it – Agree Summary - Base= 2022 17-Country Average (17,198) Fielded Sept-Dec 2021; 2021 17-Country Average (17,090) Fielded Feb-Mar 2021

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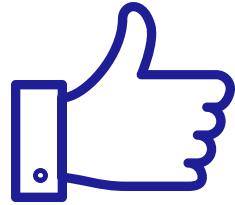
# Science skepticism rose slightly in 2022



Q2. How much do you agree or disagree with each of the following statements? – I am skeptical of science. – Agree Summary – Base= 2022 10-Country Tracking Average (10,127) Fielded Sept-Dec 2021; 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

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# Misinformation and disinformation are pervasive, regardless of platform or subject



**85%**

agree there is widespread  
misinformation\* in **social  
media** today

and



**72%**

agree there is widespread  
misinformation\* in **traditional  
news** today

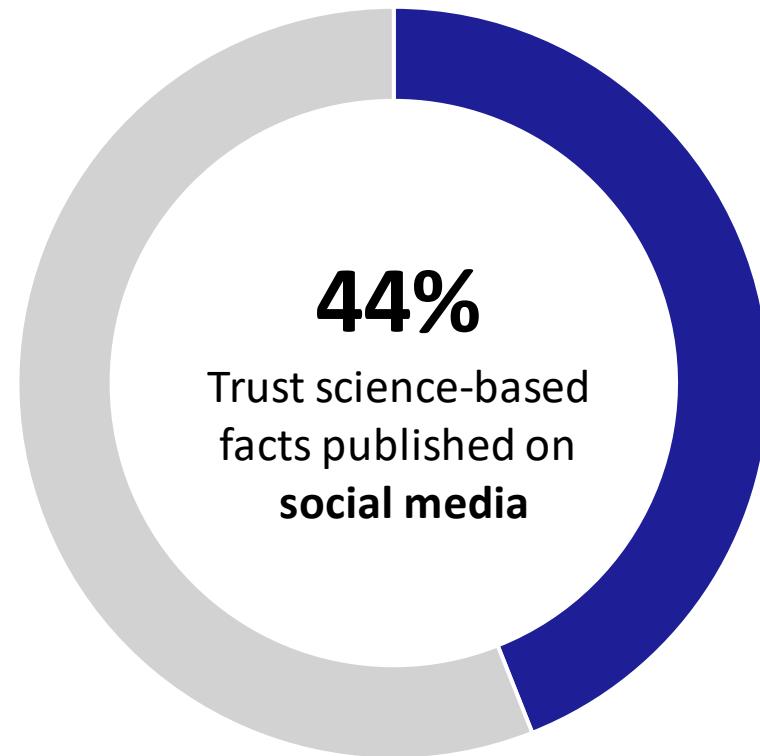
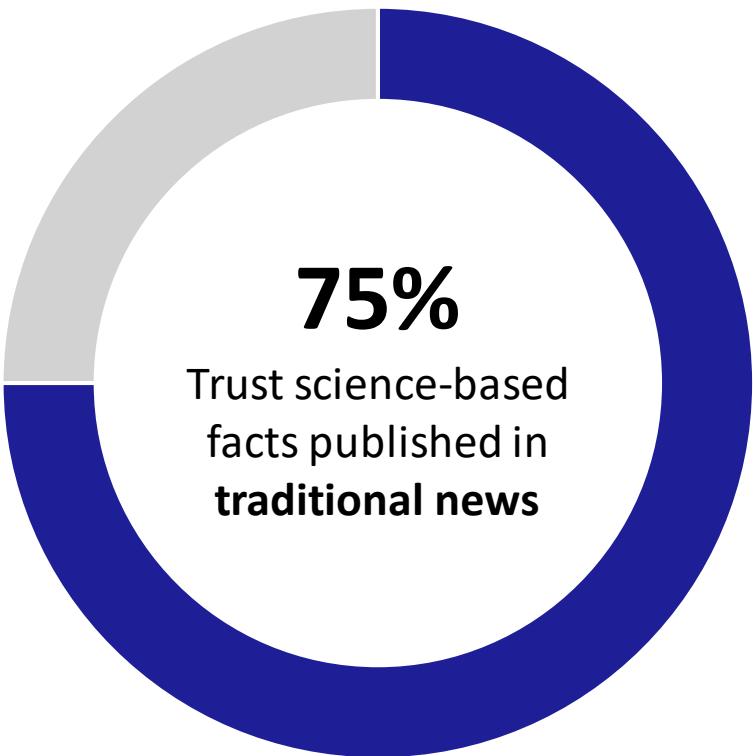
\*By “misinformation” below, we mean false or inaccurate information, especially that which is deliberately meant to sway views/opinions.

Q10. How much do you agree or disagree with each of the following statements about misinformation? Base= 2022 17-Country Average (17,198)

Fielded Sept-Dec 2021

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# Platform matters: people do not trust science facts on social media as much as on traditional media

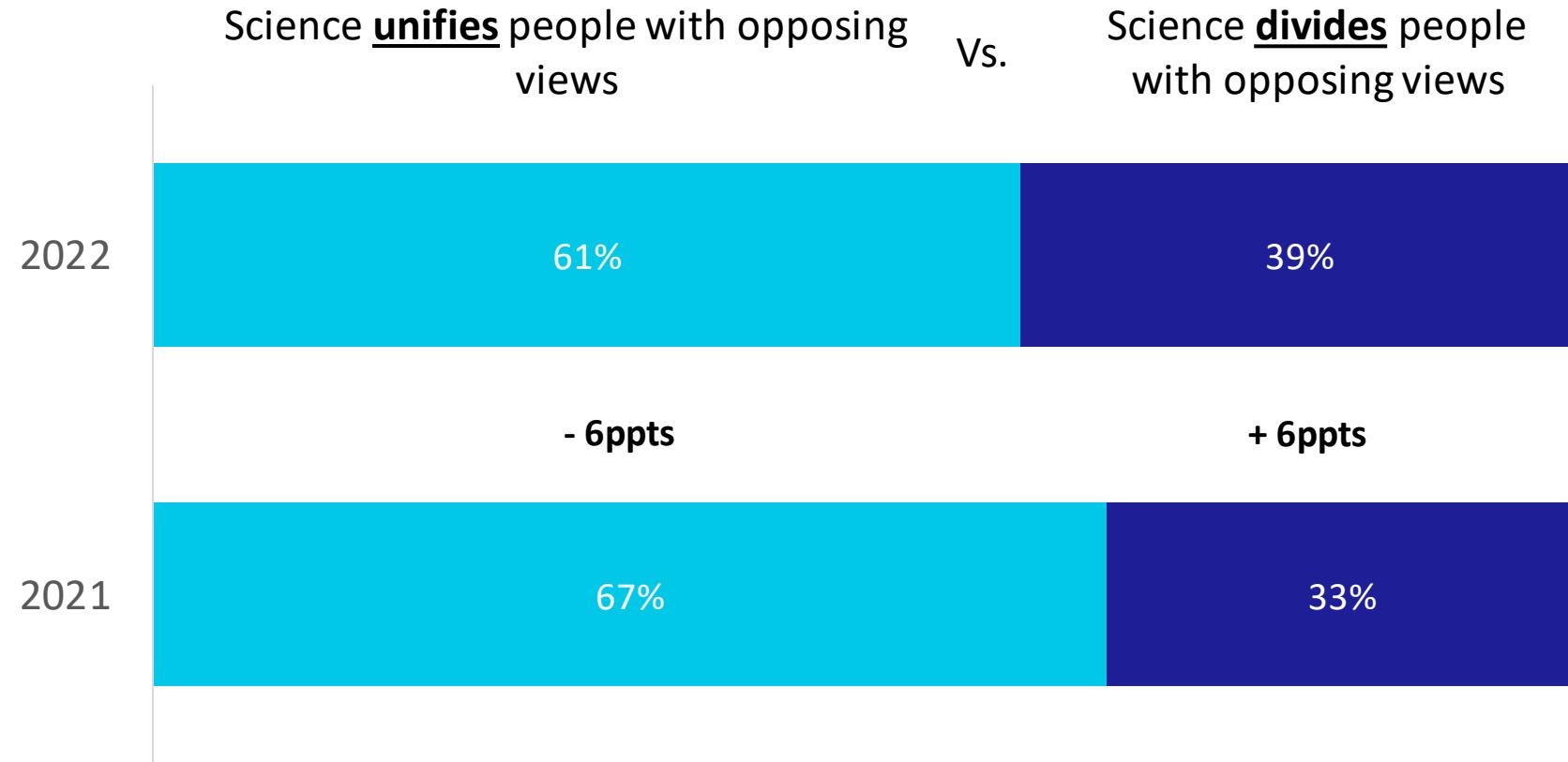


Q7. How much do you agree or disagree with each of the following statements? - I trust science-based facts published in social media (i.e., Facebook, Twitter, Reddit, Instagram, etc.); I trust science-based facts published in the news (i.e., in online, print or broadcast/ TV news outlets).

Base= 2022 17-Country Average (17,198) Fielded Sept-Dec 2021

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# Perception of science as being divisive for people with opposing views is a growing trend



# Yet, we can agree there are consequences if people do not value science or trust news about science



Top 3 **consequences** if people do not trust stories about science published in the news:  
*(Among those who agree there are negative consequences)*

**61%** More public health crises

**57%** More division within society

**53%** Increase in the severity of climate change effects

Q5. 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= 2022 10-Country Tracking Average (10,127) Fielded Sept-Dec 2021

Q9. What do you think are the top consequences if people do not trust stories about science published in the news (i.e., in online, print or broadcast/ TV news outlets)? Please select top three. Base= 2022 17-Country Average (17,198) Fielded Sept-Dec 2021

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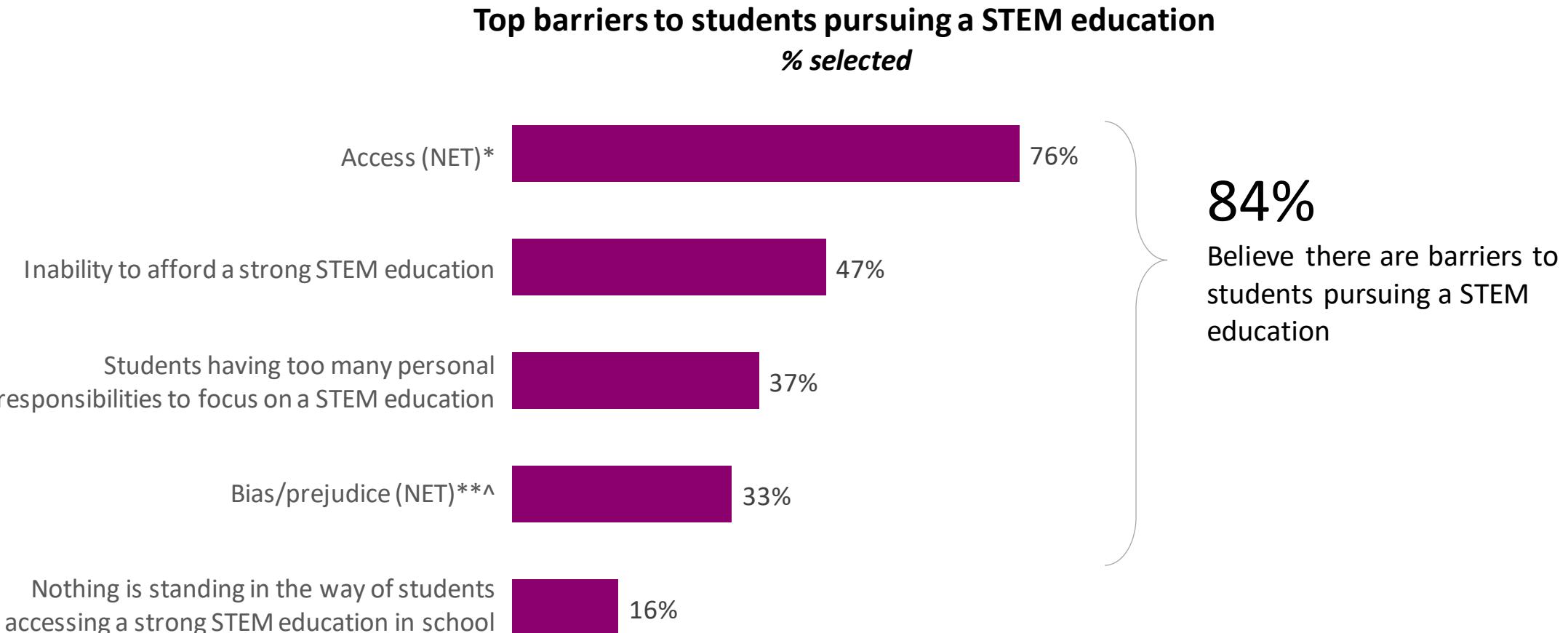




STEM  
equity



# Key challenges to pursuing a STEM education include access and affordability



<sup>^</sup> Not asked in UAE

\* Access NET includes "Lack of STEM classes offered in school", "Not enough STEM educators/teachers" and "Lack of internet access"

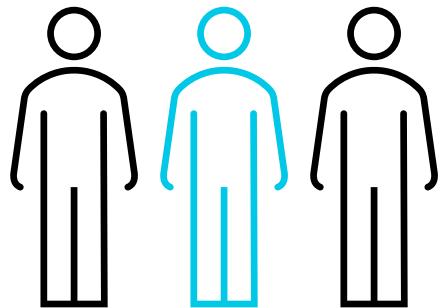
\*\* Bias/prejudice NET includes "Bias/prejudice against girls pursuing STEM" and "Bias/prejudice against ethnic/racial minorities pursuing STEM"

Q19. 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= 2022 17-Country Average (17,198) Fielded Sept-Dec 2021

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# Top roadblocks to a STEM career are self-doubt, bias and representation



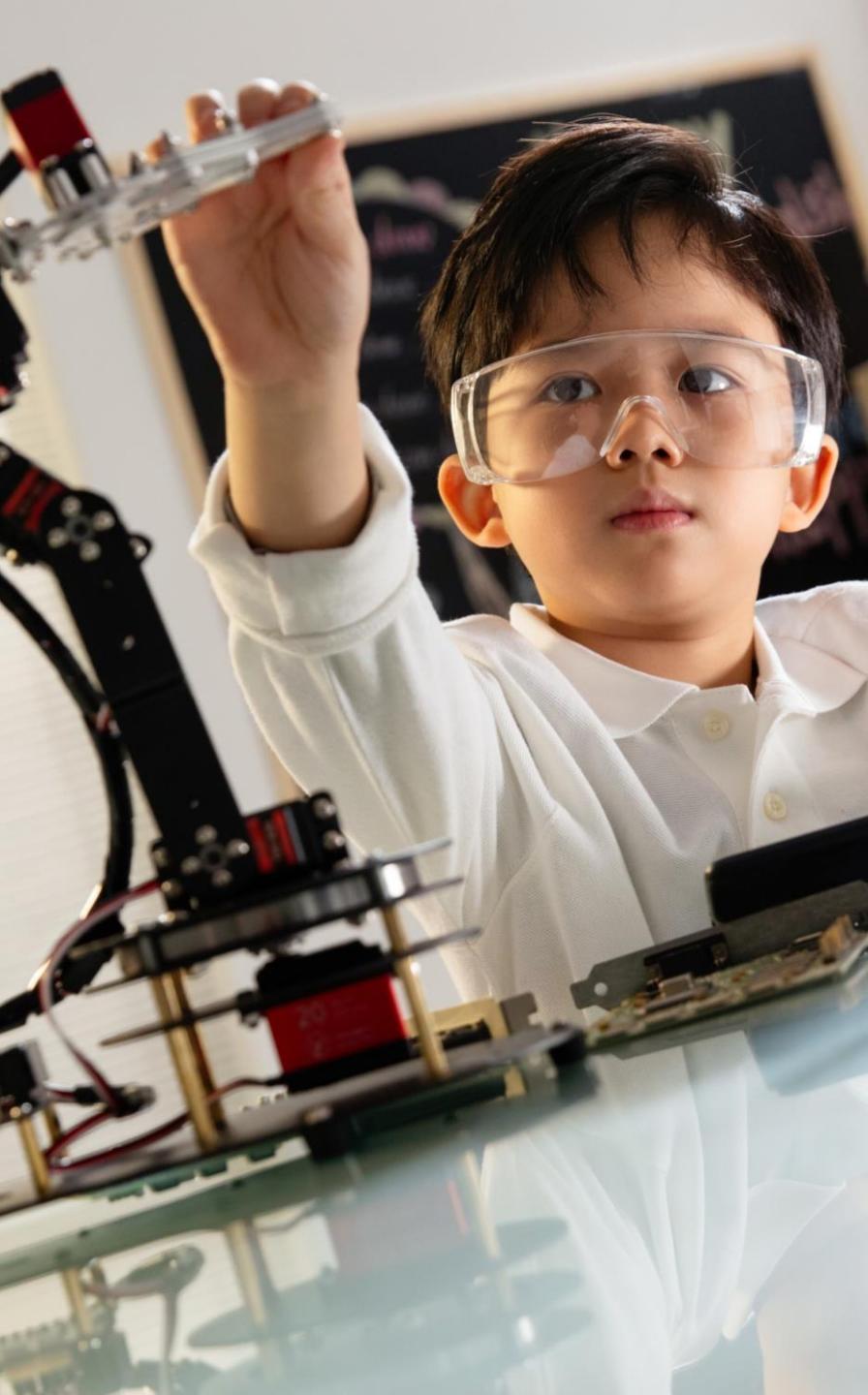
More than  
**1 in 3**  
not currently in a STEM field, have  
considered pursuing STEM (37%)

**Following an inability to afford a STEM education (39%) and a lack of access to strong STEM classes (32%) the top barriers to pursuing a STEM career are:**  
*(Among those who considered a STEM career, but are not currently in a STEM field)*

- I do/did not believe I am/was smart enough (25%)
- Experienced bias or discrimination (NET) (22%)
- I don't know anyone who worked in STEM that looks like me (19%)

Q24. Have you ever considered pursuing a career in STEM? Base= Those who do not work in STEM 2022 17-Country Average (7,558) Fielded Sept-Dec 2021

Q25. What stopped/is stopping you from pursuing a career in science, technology, engineering or math (STEM)? Select all that apply. Base= Those who have considered a career in STEM but didn't go into STEM 2022 17-Country Average (2,718) Fielded Sept-Dec 2021

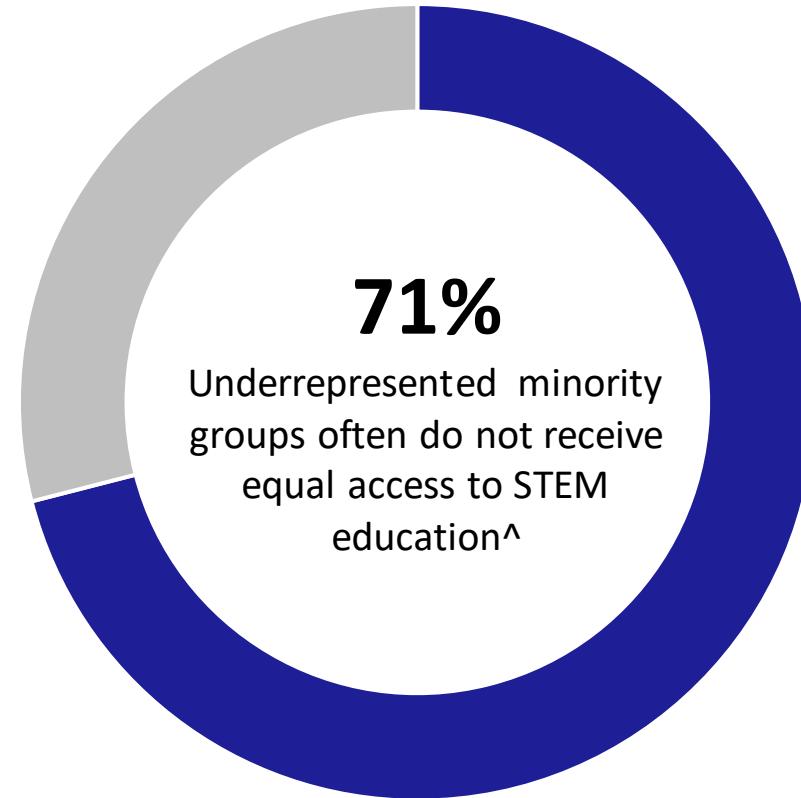
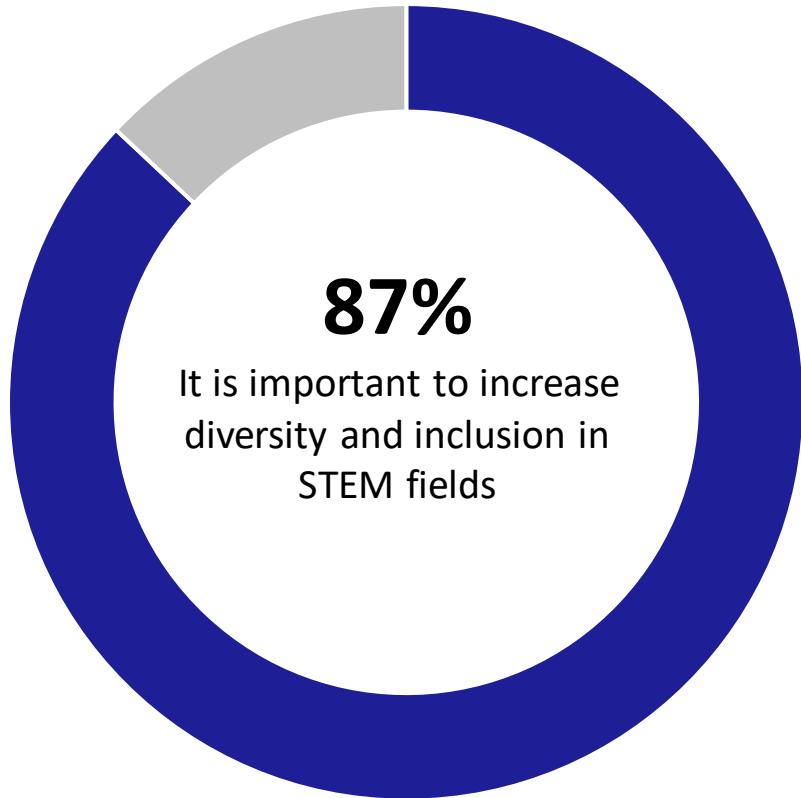


# Corporations should contribute to STEM education – and start early

**Top action corporations should prioritize around STEM education:**

- #1 Create resources for children to get involved in science at an early age (33%)
- #2 Host programs like internships, summer camps, and workshops to help students pursue STEM (24%)
- #3 Help to ensure underrepresented students have equal access to STEM education (22%)
- #4 Provide grants/scholarships to underrepresented students (19%)

# Diversity and inclusion in STEM – more needs to be done

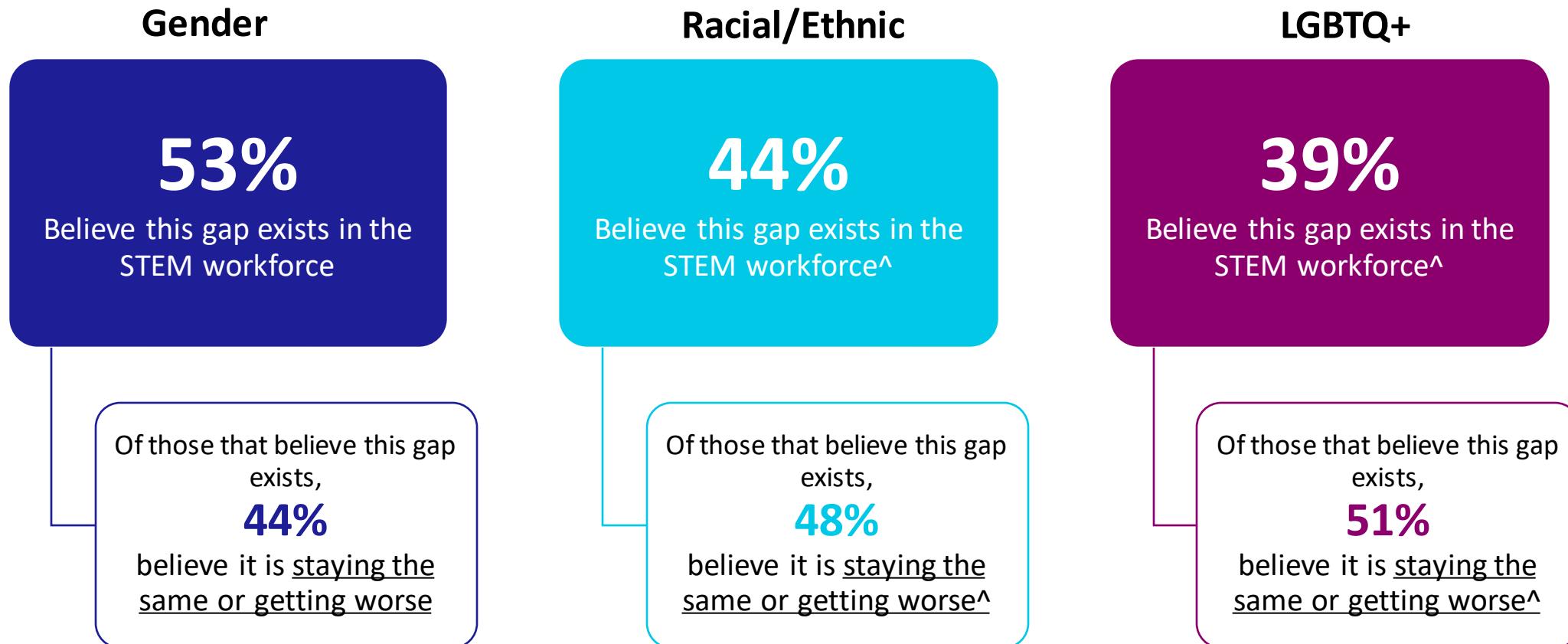


<sup>^</sup> Not asked in UAE

Q27. 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= 2022 17-Country Average (17,198) Fielded Sept-Dec 2021

Q20. 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= 2022 Total not in UAE (16,196) Fielded Sept - Dec 2021

# There are significant gaps in the STEM workforce, and they are not improving



<sup>^</sup> Not asked in UAE

Q32. Do you believe the following gaps exist in the STEM workforce? Base= 2022 17-Country Average (17,198) Fielded Sept-Dec 2021

Q33. Do you believe the following gaps in the STEM workforce are getting better, worse or staying the same Base= Those who believe there are gaps:

Gender (9,149); Racial/Ethnicity (7,145); LGBTQ+ (6,366) Fielded Sept-Dec 2021

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# Women are a source of untapped potential, but lack encouragement and support to stay in STEM fields



**84%**

More needs to be done to encourage and keep women/girls engaged in STEM education



**81%**

Women are a source of untapped potential in the STEM workforce



**66%**

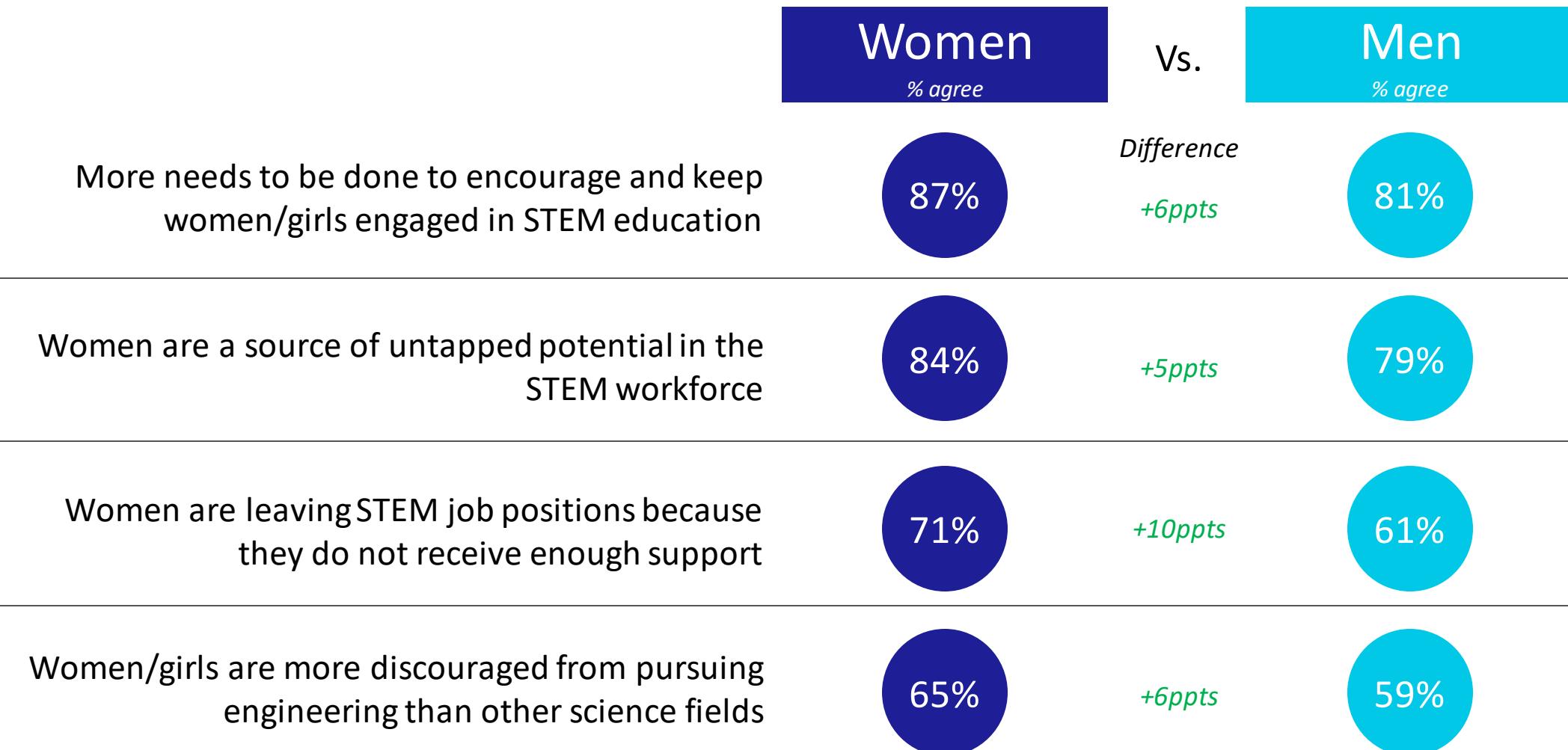
Women are leaving STEM job positions because they do not receive enough support



**62%**

Women/girls are more discouraged from pursuing engineering than other science fields

# Men do not see gender inequities as clearly as women, which represents an opportunity for advocacy

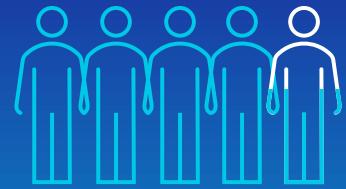


Q20. How much do you agree or disagree with each of the following statements? - Agree Summary. Base= 2022 17-Country Average (17,198)

Fielded Sept-Dec 2021; Women (8,622a); Men (8,576)

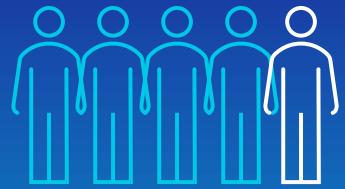
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# Science companies should do more when it comes to diversity to have greater societal impact



**88%**

The scientific community should do more to attract a diverse workforce



**84%**

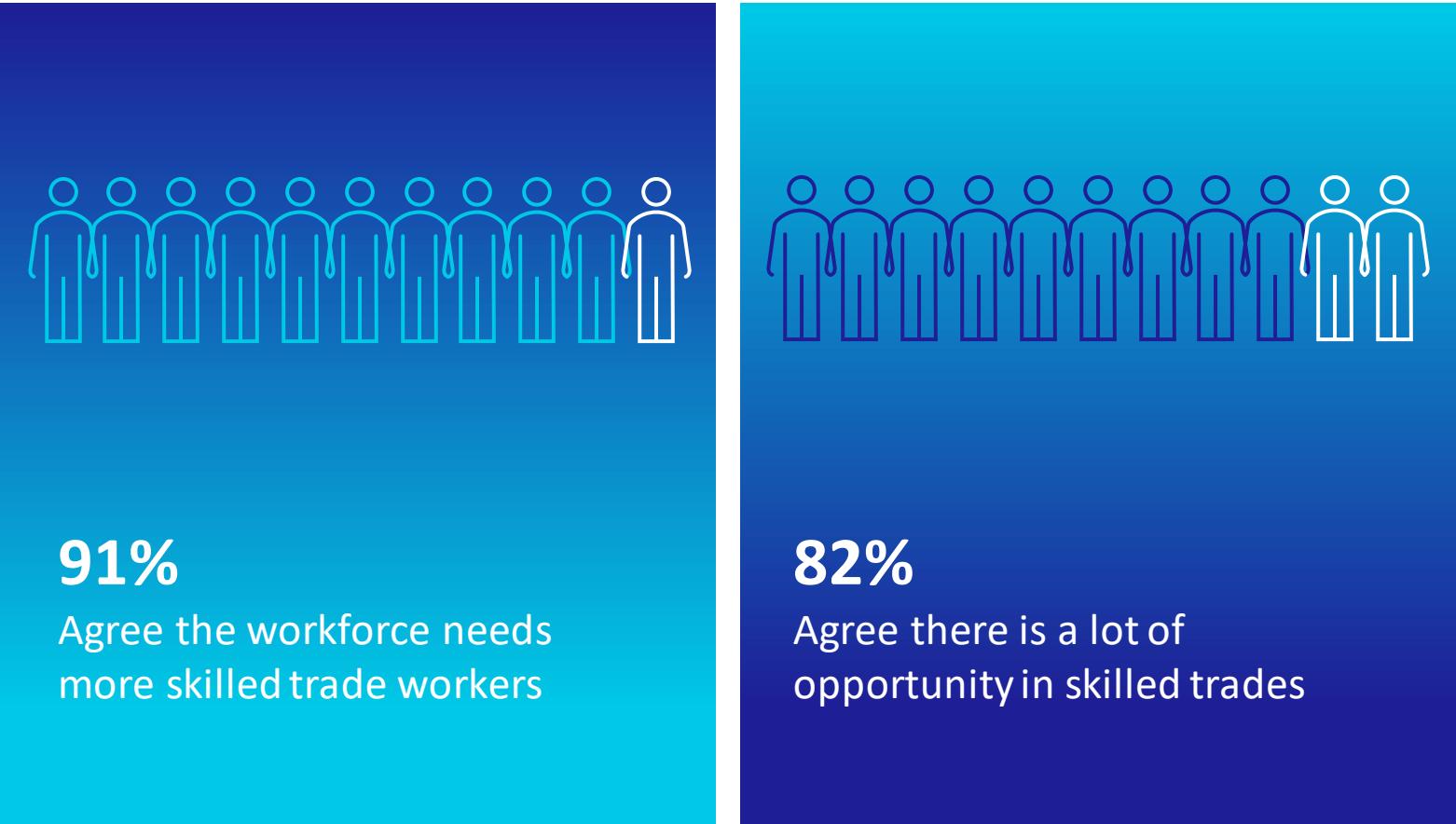
Science companies would have greater positive impact on society if there was greater diversity and representation within their workforce



## Upskilling and trade skills



# Skilled trades are needed and offer job opportunities



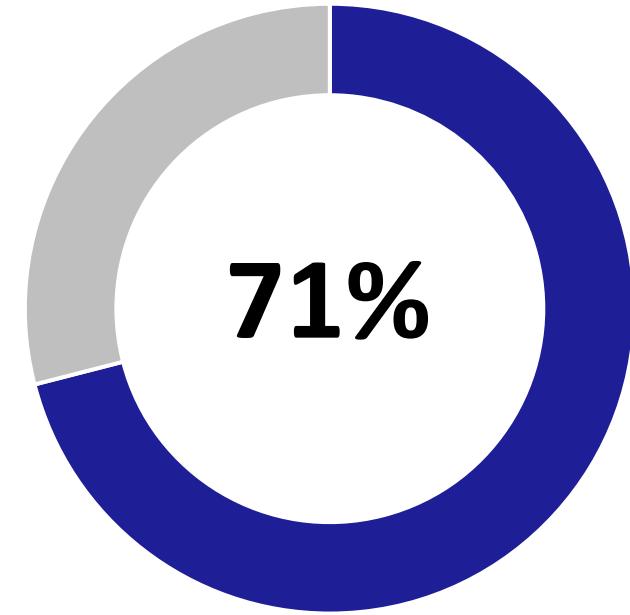
Q31. How much do you agree or disagree with each of the following statements about skilled trades? Base= 2022 17-Country Average (17,198)

Fielded Sept-Dec 2021

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# We trust trade schools, and most believe the earning potential for a trade education is on par with a 4-year degree



Believe they would **earn as much money in a skilled trade as they would in a career that requires a degree** from a traditional 4-year university/college

# Yet, many would not pursue a skilled trade – suggesting an image problem



## Countries with highest rates of agreement:

India: 87%

Poland: 83%

Germany and UAE: 81% (tied)

## Countries with lowest rates of agreement:

Mexico and France: 59% (tied)

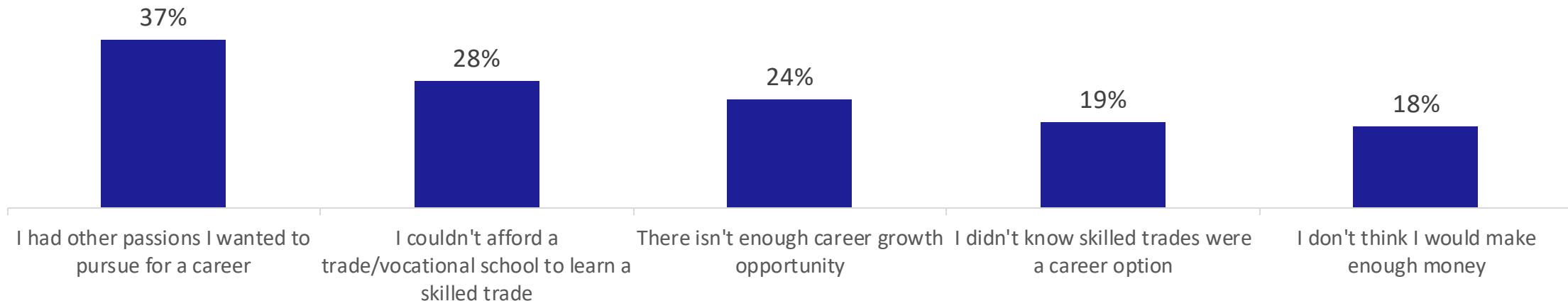
Colombia and South Korea: 55% (tied)

Brazil and Italy: 48% (tied)

# Following “other passions” is the top barrier to pursuing a skilled trade

## Top 5 reasons why people do not pursue a skilled trade

*Among those who do not have a skilled trade career  
% selected*



Q30. What is stopping you/stopped you from pursuing a career in a skilled trade? Base = Those who said they have thought about pursuing a skilled trade career but don't currently have one or those who said they have never thought about it (13,537) Fielded Sept-Dec 2021



# Employees expect paid skills training, especially as digital skills foster career growth



**89%** believe employers should offer financial support or reimbursement to employees for upskilling



**75%** believe their digital skills will help them grow in their career



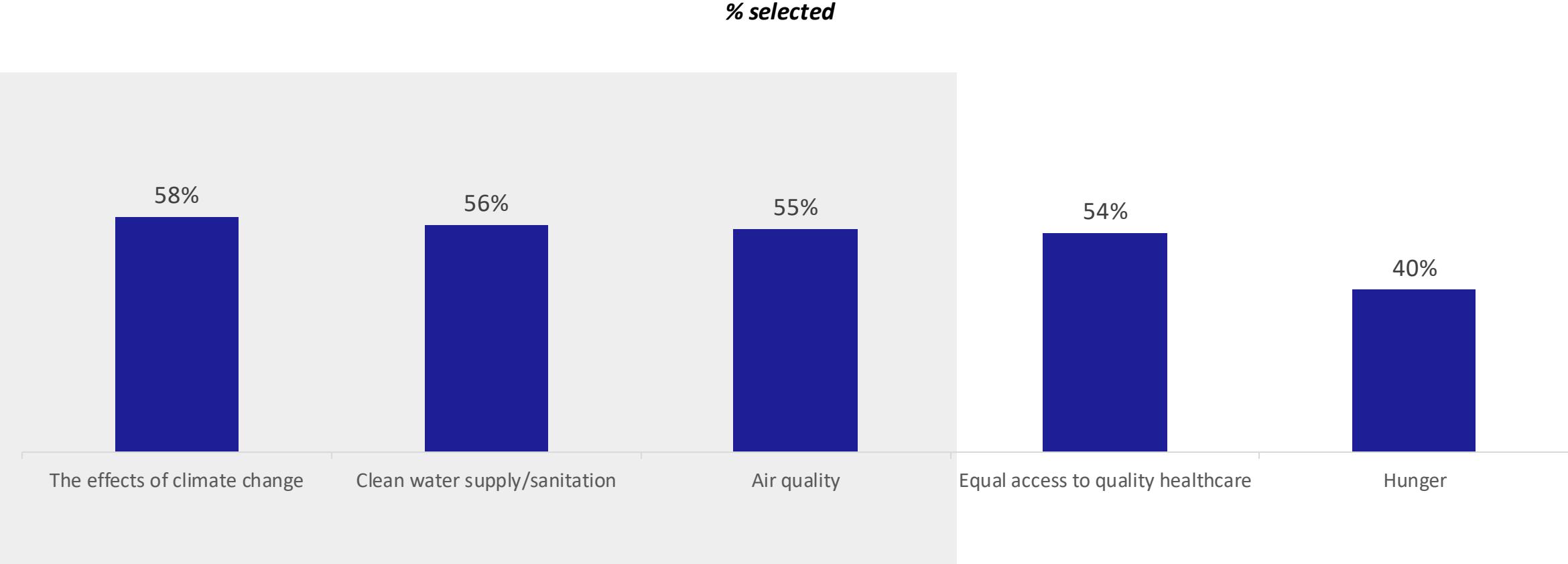
**64%** worry about being able to keep up in a job market that is becoming increasingly dependent on digital skills



# Sustainability



# People want science to solve environmental issues the most

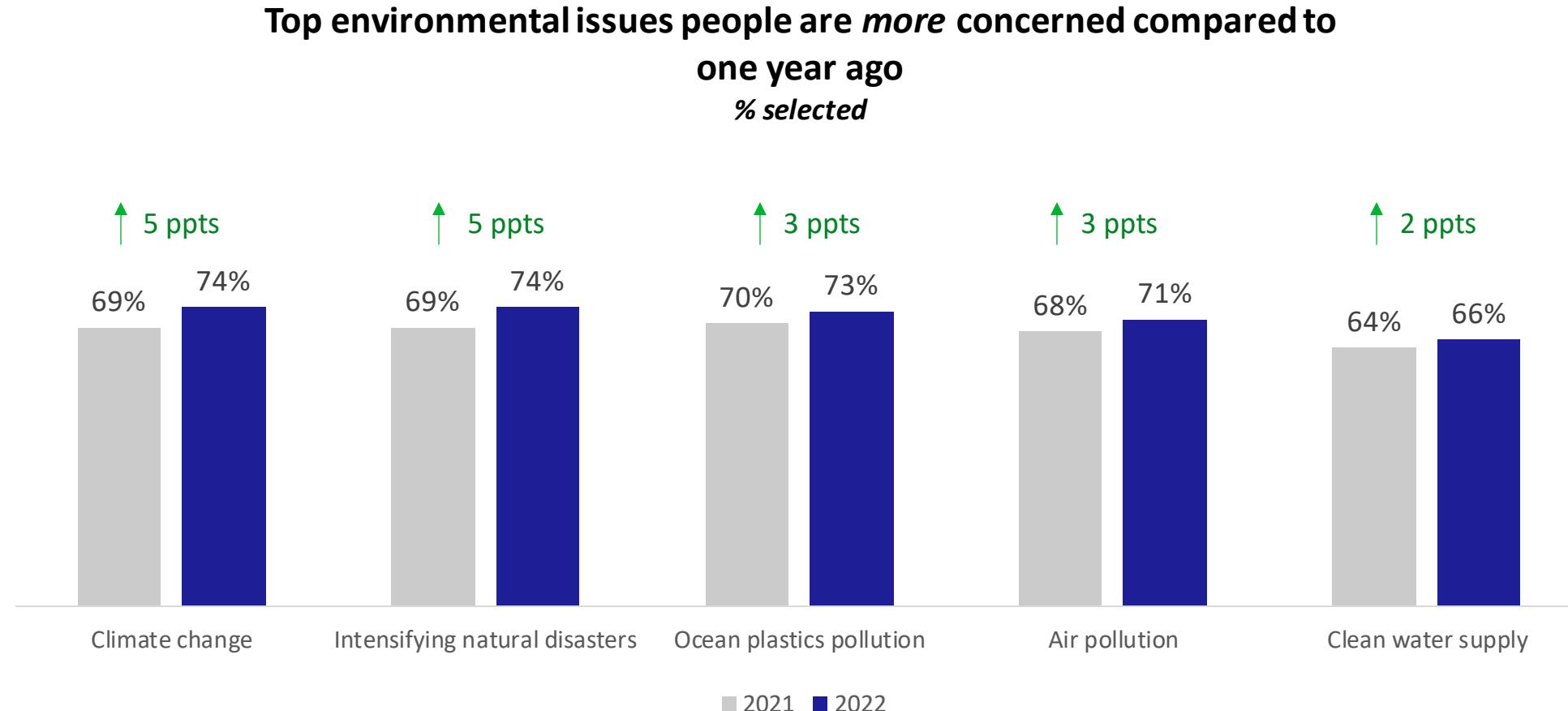


Q46. Beyond solving the COVID-19/coronavirus pandemic, which, if any, of the following issues do you most want science to help solve? Please select top four. Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

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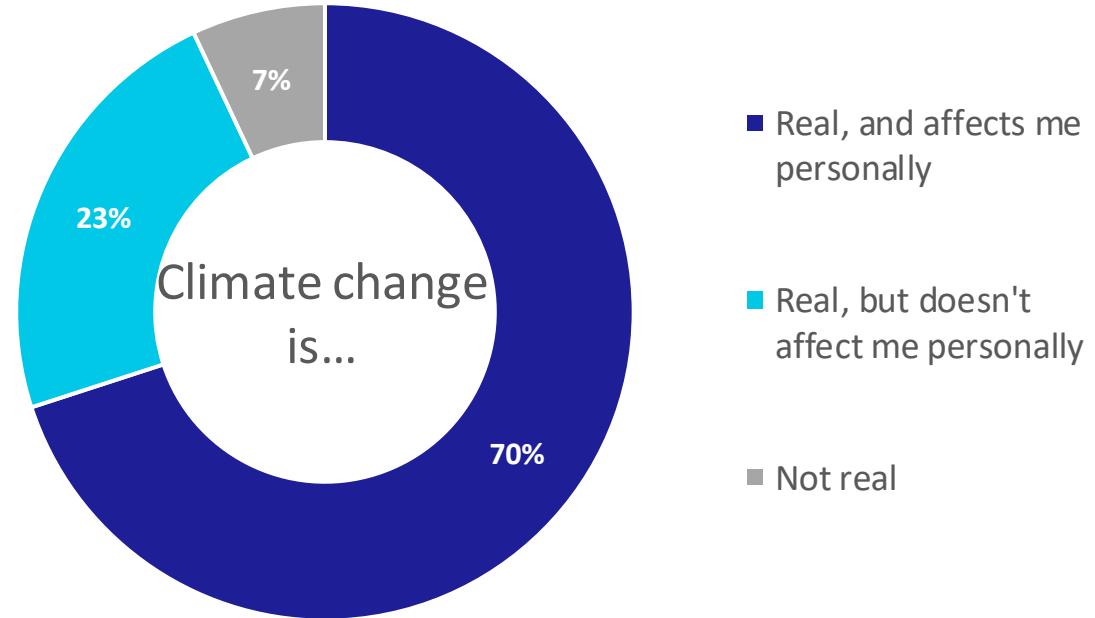
# Environmental concerns have intensified over the past year



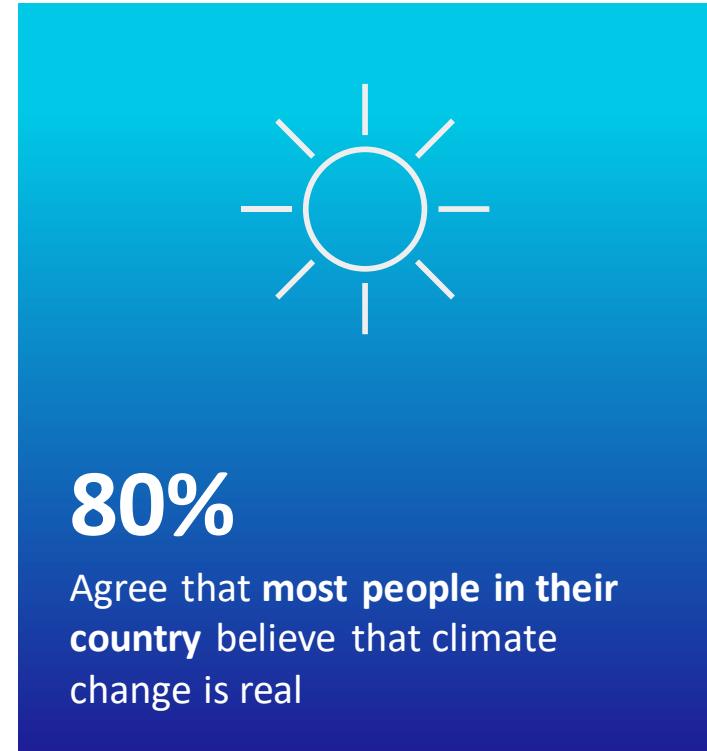
Q34. Compared to one year ago, how concerned are you about each of the following environmental issues? - More concerned Summary. Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

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# Almost all believe climate change is real, but they do not think that all their peers are on the same page



**93%** believe climate change is real,  
whether it affects them personally or not



Q35. Which of the following statements best describes how you feel about climate change? Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

Q38. How much do you agree or disagree with each of the following statements? Most people in my country believe that climate change is real – Agree Summary - Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

# Extreme weather and rising temperatures are the top impacts of climate change

#1  
**70%**

Believe **extreme weather** is  
the #1 direct impact of climate change

Top **impacts** of climate change:  
*% selected*

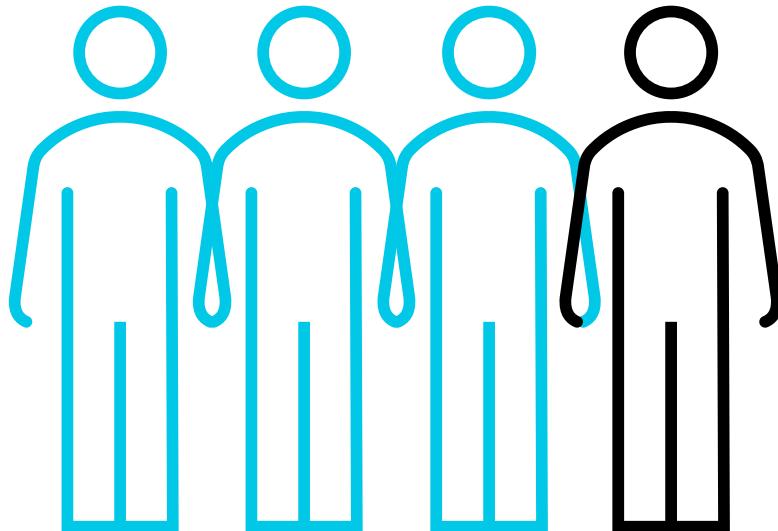
**#2** Warmer temperatures (69%)

**#3** Biodiversity (56%)

**#4** Disease/illness (53%)

**#5** Food security/access (49%)

# Over three-quarters worry about displacements due to extreme weather



**79%**

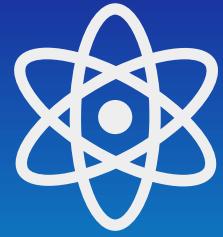
Are concerned that they or a loved one  
may one day be **displaced from where  
they live due to extreme weather  
related to climate change**

Q37. Looking to the future, how concerned are you that you and/or a loved one may one day be displaced from where you live due to extreme weather related to climate change (i.e., severe hurricanes, fires, floods, etc.)? - Somewhat/Very Concerned Summary - Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

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# Science can deliver a more sustainable world



**88%**

Science can help minimize the effects of climate change



**88%**

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

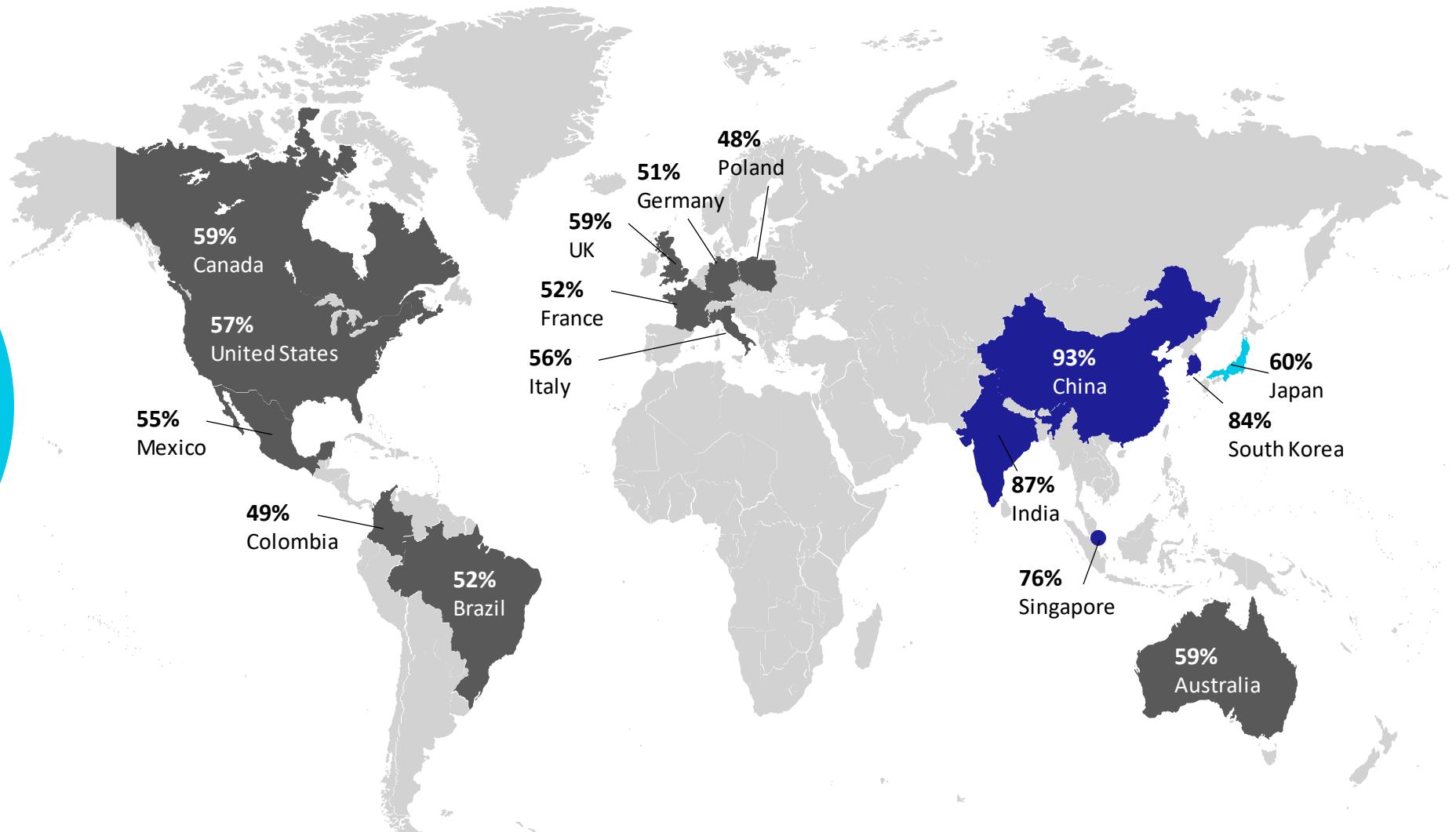
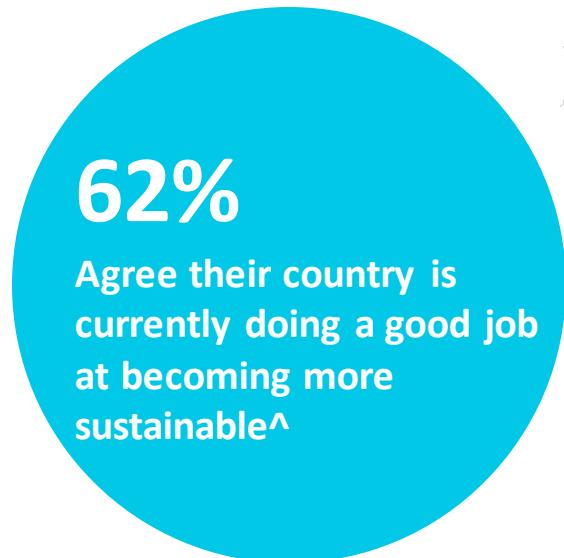
Q38. How much do you agree or disagree with each of the following statements? Science can help minimize the effects of climate change; People should follow the science to help make the world more sustainable – Agree Summary - Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

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**3M**

# Self-evaluation of sustainable practices varies greatly

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



<sup>▲</sup> Not asked in UAE

Q38. 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 – Agree Summary - Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

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# Popular ways people mitigate climate change: recycling, reducing plastic and water use and buying sustainably

## Top 5 actions taken in the past six months to help lessen the effects of climate change

% selected



Q39. Which, if any, of the following have you done over the past six months to help lessen the effects of climate change? Please select all that apply. Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

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# Local communities, companies and society as a whole all play a role in creating a sustainable future



## Top 5 actions for *communities* to be more sustainable:

**50%** use renewable energy sources to power public buildings

**46%** create more parks and gardens for greenspace

**44%** create community recycling centers

**42%** promote the use of public transportation or eco-friendly vehicles

**42%** implement low-carbon public transportation



## Top 5 actions for *companies* to prioritize:

**58%** reduce the amount of plastic used in products

**54%** use recycled and renewable materials in products developed

**53%** use renewable energy sources to power their facilities

**52%** reduce waste created by facilities

**47%** repurpose waste in production



## Top 5 advancements for *society* to prioritize:

**65%** Find new ways of making renewable energy to power homes, vehicles, etc.

**61%** Develop new technologies that reduce carbon dioxide/greenhouse gas emissions

**57%** Develop new ways to eliminate waste across production

**53%** Make fuel-efficient vehicles affordable and accessible to all

**53%** Develop new technologies to clean and monitor air pollutants

Q41. Which of the following actions, if any, do you think your local community should take to be more sustainable? Please select all that apply.

Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

Q42. 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= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

Q43. What advancements do you think society should prioritize in the next five years around the environment/sustainability? Please select top five.

Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

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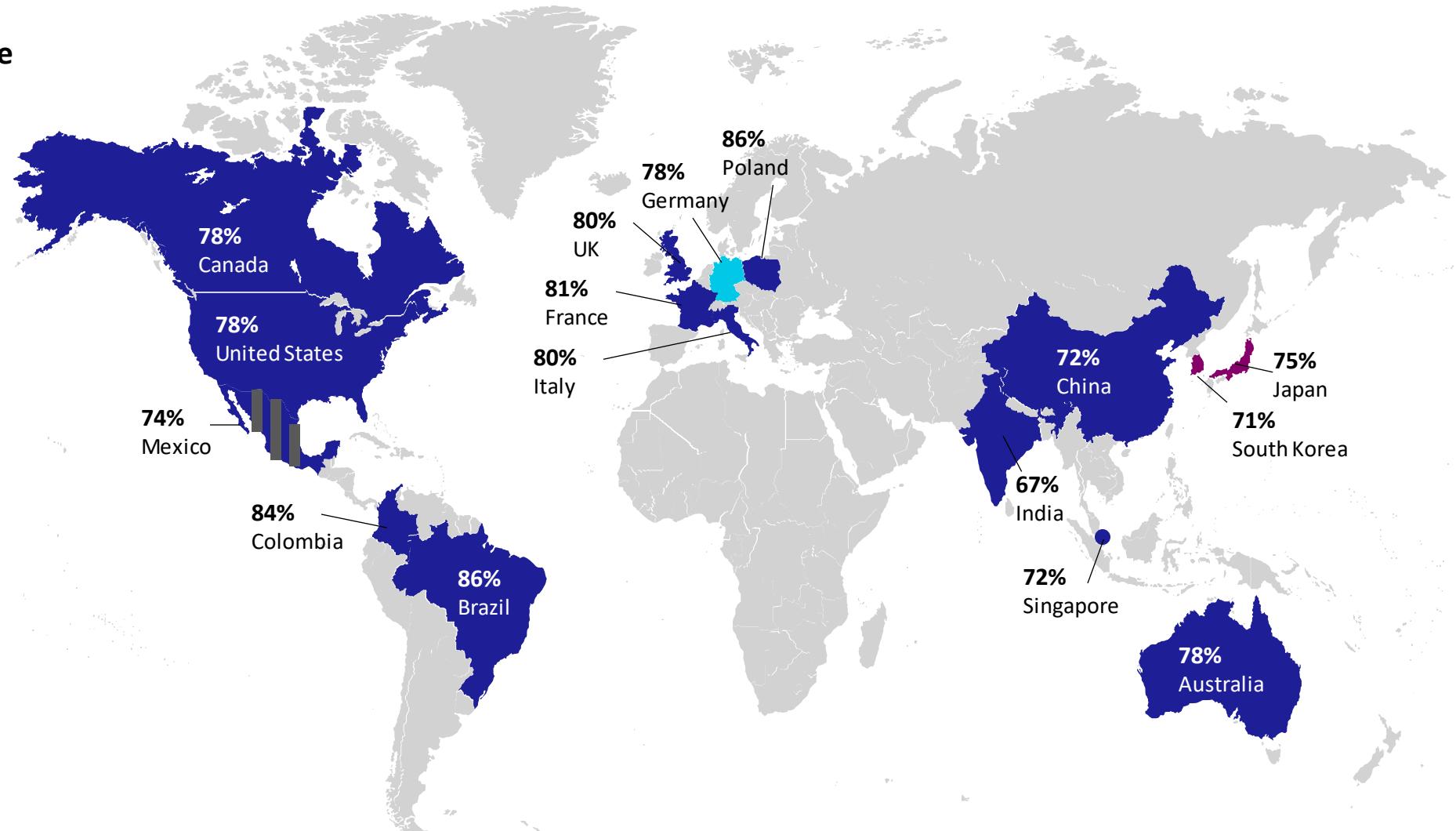
# Health equity



# Access to quality healthcare is considered the number one priority for most countries

## #1 action for country to prioritize

- Improving access to quality healthcare
- Improving access to affordable housing
- Improving access to STEM education among underserved and underrepresented groups
- Increasing efforts to minimize climate change

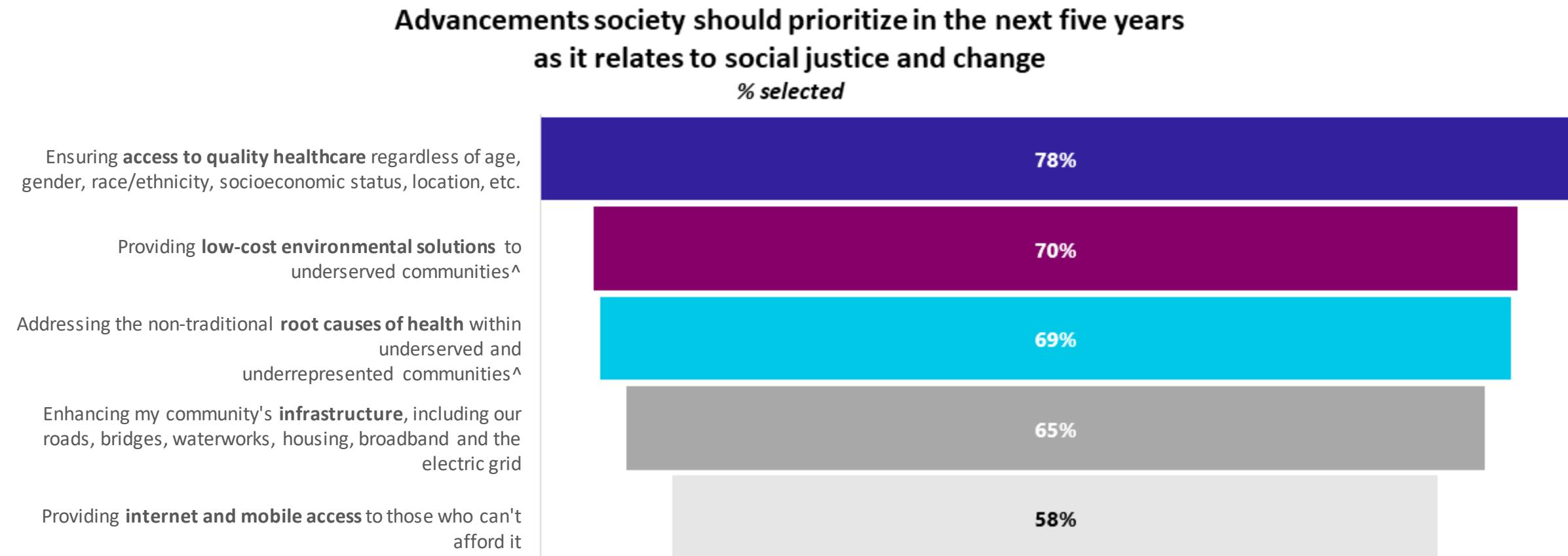


<sup>^</sup>Not asked in UAE

Q14. My country should prioritize...? Select top four from the list below. Base= 2022 Total not in UAE (16,196) Fielded Sept - Dec 2021

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# Access to quality healthcare is the key to advancing social justice and change



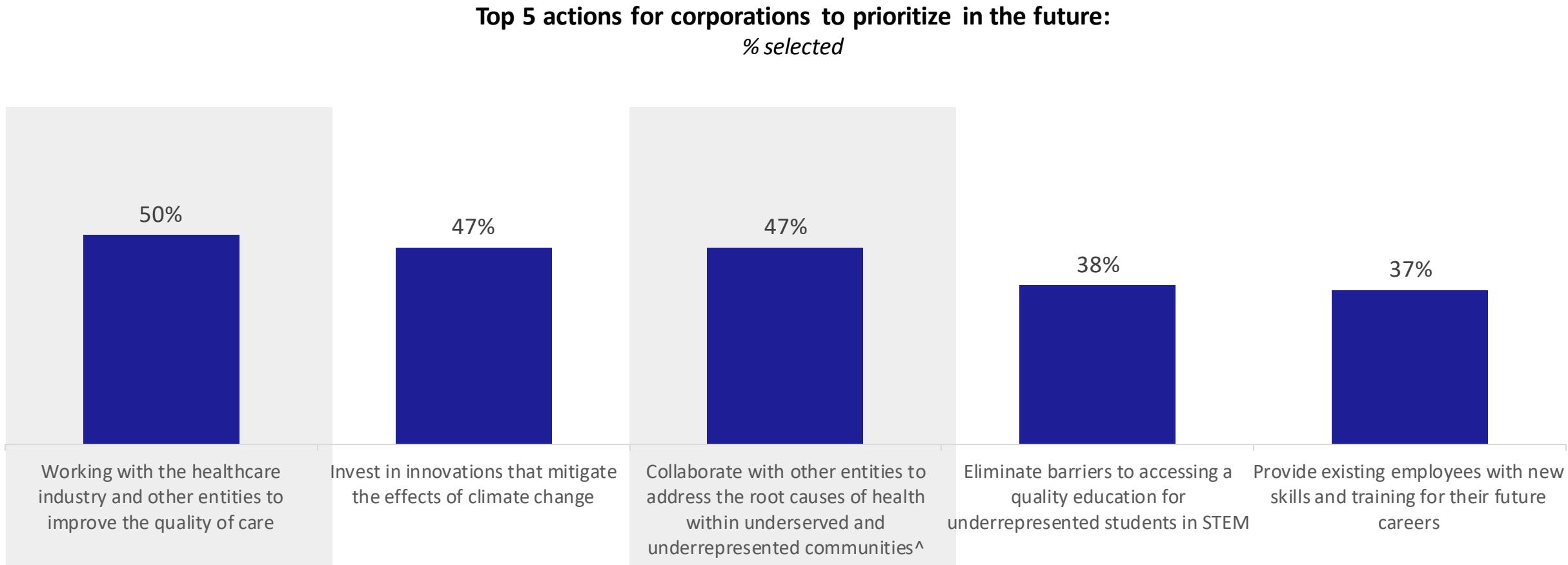
<sup>^</sup>Not asked in UAE

Q28. What advancements do you think society should prioritize in the next five years as it relates to social justice and change? Please select top four. Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

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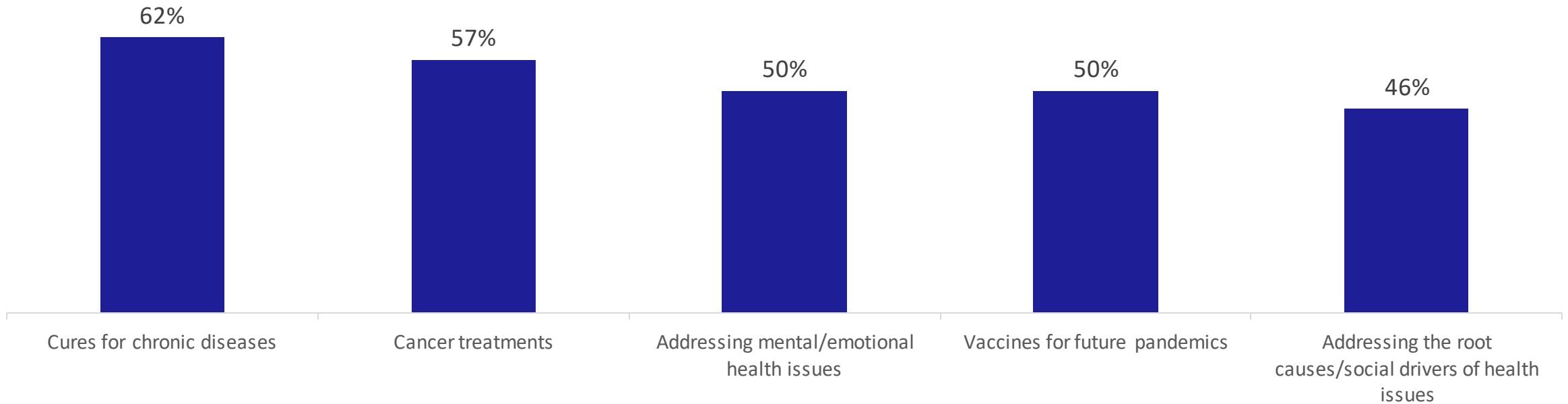
# Collaboration between corporations and healthcare is a critical priority



Q47. 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, etc.), which, if any, of the following actions should corporations prioritize in the future (beyond their core business purpose)? Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

# Cures for diseases, cancer treatments and addressing mental health are top healthcare areas for science to address

Top 5 healthcare advancements science should prioritize  
*% selected*



Q45. Beyond the coronavirus/COVID-19, which FOUR of the following healthcare advancements should science prioritize? Select top four. Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

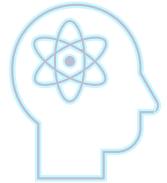
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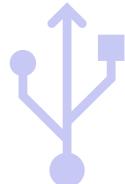


Future technology

# The future is expected to bring a heavier reliance on science and artificial intelligence



87% agree that in the future, we will be **more dependent on scientific knowledge** than ever before



65% believe that **AI is an exciting technology** that impacts their life every day



47% are worried advancements in artificial intelligence (AI) within the next five years **will cause them to lose their jobs**

Q16. How much do you agree or disagree with each of the following statements? In the future, we will be more dependent on scientific knowledge than ever before – Agree Summary - Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

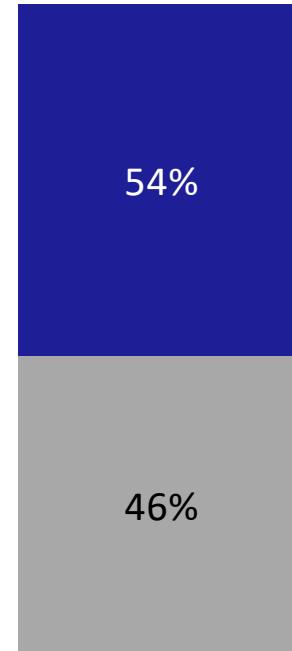
Q15. How much do you agree or disagree with each of the following statements related to artificial intelligence (AI)? Artificial intelligence (AI) is an exciting technology that impacts my life every day; I worry advancements in artificial intelligence (AI) within the next five years will cause me to lose my job – Agree Summary - Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

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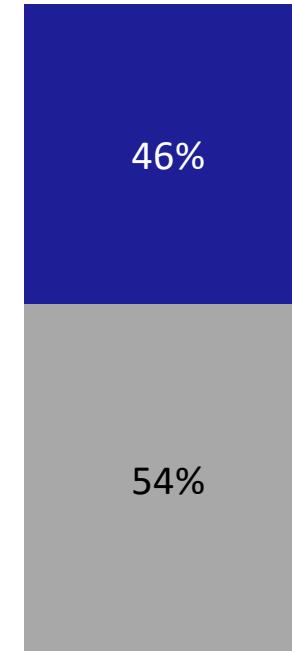
# However, people are split when it comes to trusting how companies and other entities use AI



"I trust how **private companies** are using AI"



"I trust how **the government** is using AI" ^



■ Agree  
■ Disagree  
(% selected)

<sup>^</sup> Not asked in UAE

Q15. How much do you agree or disagree with each of the following statements related to artificial intelligence (AI)? I trust how private companies are using artificial intelligence (AI); I trust how the government is using artificial intelligence (AI) - Agree Summary - Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

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# There is concern that AI could increase bias towards underrepresented groups

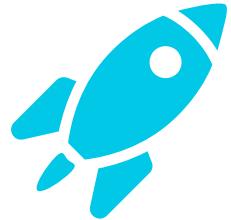


<sup>^</sup> Not asked in UAE

\* Not asked in China

Q15. How much do you agree or disagree with each of the following statements related to artificial intelligence (AI)? Artificial intelligence (AI) increases the risk of bias and discrimination toward people of color; Artificial intelligence (AI) increases the risk of bias and discrimination toward women; Artificial intelligence (AI) increases the risk of bias and discrimination toward the LGBTQ+ community - Agree Summary - Base= 2022 17-Country Average (17,198) Fielded Sept - Dec 2021

# Still people are excited about futuristic innovations



**71%**

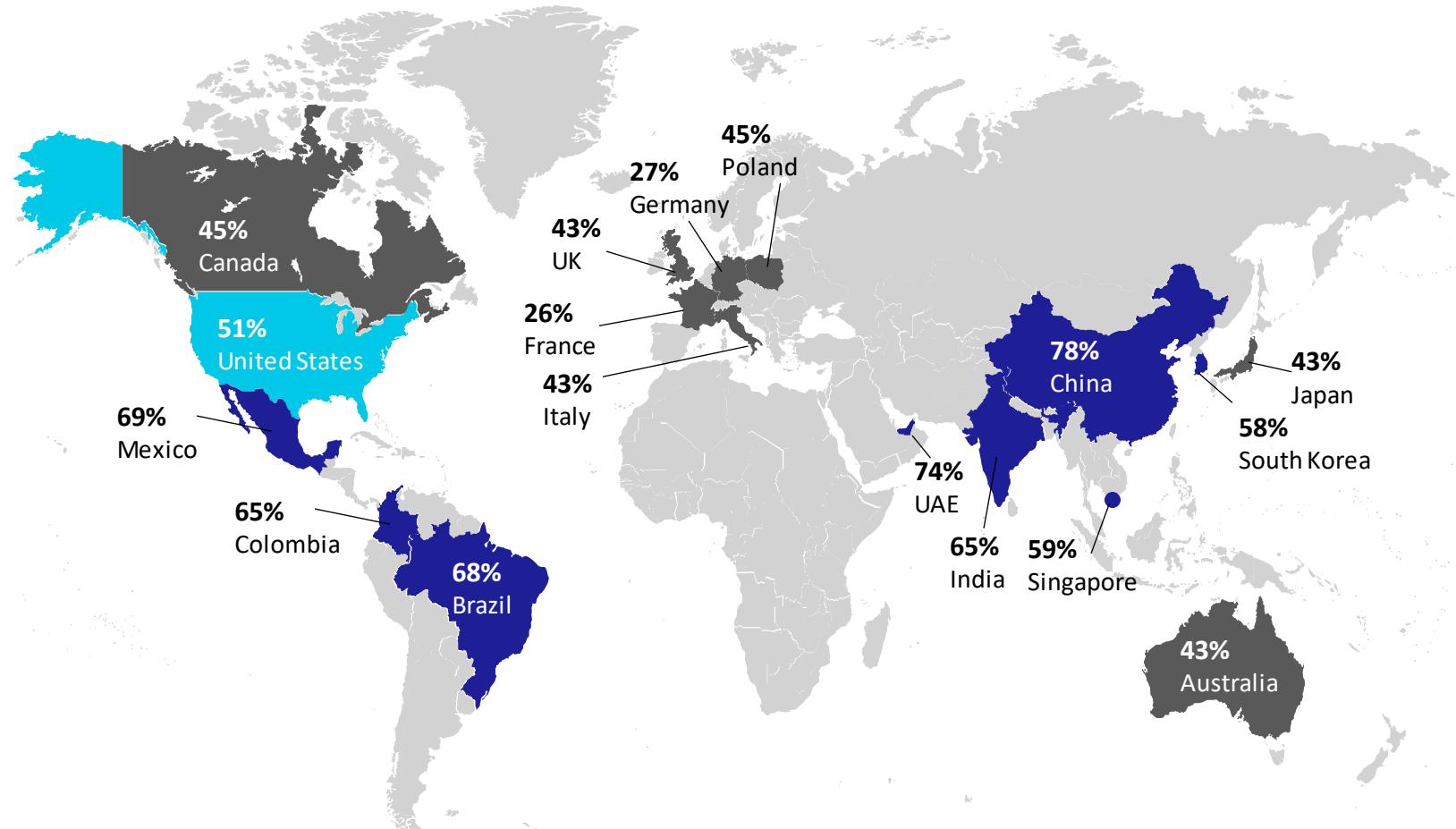
Say they are likely to accept a ride in an autonomous, or self-driving, car where there is no human driver

**52%**

Say they are likely to travel to space when it becomes accessible

# In the next five years, more than half the world expects to appreciate science more

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



Q12. Looking ahead, how do you believe that your appreciation for science will change over the next five years? Base= 2022 17-Country Average  
(17,198) Fielded Sept - Dec 2021

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