Q1. When it comes to your employment status, are you now:
85% Employed full-time
10 Employed part-time
6 Self-employed
0 Retired
0 Unemployed, looking for work
0 Not employed for pay
0 Disabled
0 Student
0 Something else

Q2. [Added on 7/5 - ‘Yes’ coded as business/finance] Do you work in business administration or management?
71% Yes
29 No

Q3. In what industry do you work?
20% Healthcare
19 Science, technology, engineering, or mathematics field (STEM)
19 K-12 education
18 Military/national defense
11 Finance
1 Business administration or management [Added on 6/30 and hidden on 7/5 - coded as business/finance]
12 Other/None of the above

Q4. Are you or anyone living in your household a member of a labor union?
31% Yes, I am
8 Yes, someone in my household is
62 No

Q5. Approximately how many employees work for your company?
8% 1-10
11 11-50
19 51-250
14 251-500
21 501-5,000
27 More than 5,000

Polling was conducted online from June 12-July 13, 2023 Using its Bias Correct Engine to attain a representative sample, Embold Research polled 1,981 professionals across five industries nationwide. Post-stratification was performed on industry. The modeled margin of error is +/- 2.3%.
Q6. Which of the following best describes your level of seniority within your company?

- 2% Intern/Apprentice
- 12% Junior/entry-level
- 47% Mid-level
- 17% Senior/director-level
- 9% Executive
- 14% None of the above

Q7. Which of the following issues are you most concerned about? Select up to three.

- 35% Cost of health care
- 34% The economy and jobs
- 31% Immigration/border security
- 31% Crime
- 27% Political polarization
- 26% Climate change/environment
- 23% National security
- 19% Economic inequality
- 18% The quality/cost of education
- 18% Racism and discrimination
- 18% The condition of the nation's infrastructure (e.g., roads, bridges, and broadband)
- 14% Drug addiction
- 14% Health challenges
- 12% Poverty
- 12% Energy security
- 12% Misuse of artificial intelligence
- 11% War and terrorism
- 11% Food security/starvation
- 7% Water security/drought
- 4% The next pandemic
- 13% Something else (please specify)

Q8. When today's children in America grow up, do you think they will be:

- 70% Worse off than people are now
- 16% About the same as people are now
- 15% Better off than people are now

Q9. [If worse off] Why do you think today's children in America will grow up worse off? Select all that apply.

- 70% Growing social and political divides
- 57% Weakening economy
- 53% Decline of democracy
- 53% Increased crime
- 37% Increasing economic inequality
- 36% Worsening environment/effects of climate change
- 27% Worsening health
- 26% Emergence of new technologies, such as artificial intelligence (AI)
- 25% War and terrorism
- 14% Lack of scientific and technological innovation
- 24% Some other reason (please specify)
Q10. [If better off] Why do you think today’s children in America will grow up better off? Select all that apply.

48% Advances in science and technology
47 Longer and healthier lifespans
41 Increased economic opportunities for all
39 Growing economy
27 Improved environment
25 Stronger government institutions
22 Greater global peace
16 Reduction of crime
 5 Some other reason (please specify)

Q11. How would you rate the quality of each of the following in the United States?

<table>
<thead>
<tr>
<th>Private investment in science and technology</th>
<th>Excellent</th>
<th>Good</th>
<th>Fair</th>
<th>Poor</th>
<th>Not sure</th>
<th>Total Excellent / Good</th>
<th>Total Poor / Fair</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access to broadband</td>
<td>14</td>
<td>35</td>
<td>31</td>
<td>14</td>
<td>7</td>
<td>49</td>
<td>45</td>
</tr>
<tr>
<td>Post-high school STEM education</td>
<td>13</td>
<td>32</td>
<td>32</td>
<td>19</td>
<td>3</td>
<td>45</td>
<td>51</td>
</tr>
<tr>
<td>STEM workforce</td>
<td>11</td>
<td>32</td>
<td>35</td>
<td>18</td>
<td>3</td>
<td>43</td>
<td>54</td>
</tr>
<tr>
<td>Technical / vocational education</td>
<td>8</td>
<td>27</td>
<td>34</td>
<td>29</td>
<td>2</td>
<td>35</td>
<td>63</td>
</tr>
<tr>
<td>Federal government investment in science and technology</td>
<td>7</td>
<td>24</td>
<td>34</td>
<td>28</td>
<td>6</td>
<td>32</td>
<td>63</td>
</tr>
<tr>
<td>K-12 STEM education</td>
<td>7</td>
<td>22</td>
<td>35</td>
<td>34</td>
<td>2</td>
<td>29</td>
<td>69</td>
</tr>
</tbody>
</table>

Q12. Which of the following issues facing our country can science and technology play an important role in solving? Select all that apply.

53% Energy security
49 The condition of the nation's infrastructure (e.g., roads, bridges, and broadband)
46 National security
46 Health challenges
45 The economy and jobs
44 Climate change/environment
43 Water security/drought
42 Misuse of artificial intelligence
41 Food security/starvation
40 Cost of health care
38 The next pandemic
32 The quality/cost of education
29 Immigration/border security
28 Crime
28 War and terrorism
26 Drug addiction
23 Poverty
22 Economic inequality
15 Racism and discrimination
14 Political polarization
 3 Something else (please specify)
 3 None of the above

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Q13. Which of the following best describes U.S. competitiveness in science and technology compared to other countries?
- 44% The U.S. has been overtaken by other countries
- 32% The U.S. is the global leader but is losing ground to other countries
- 13% The U.S. is staying even with other countries
- 8% The U.S. is the global leader and expanding its lead
- 3% Not sure

Q14. Which of the following countries are the United States' top competitors in science and technology? Select up to three.
- 82% China
- 53% Japan
- 30% South Korea
- 27% India
- 22% Countries in the European Union
- 20% Russia
- 14% Israel
- 12% United Kingdom
- 9% Singapore
- 8% Canada
- 6% Switzerland
- 5% Iran
- 4% Australia
- 2% Other country (please specify)

Q15. In five years, who do you think will be the global leader in science and technology?
- 60% China
- 33% United States
- 7% Other country (please specify)

Q16. How much do you believe China’s increased presence in science and technology threatens the United States in the following areas?

<table>
<thead>
<tr>
<th>Area</th>
<th>A great deal</th>
<th>Some</th>
<th>A little</th>
<th>Not at all</th>
<th>Not sure</th>
<th>Great Deal + Some</th>
<th>Little + None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Our national security</td>
<td>63</td>
<td>22</td>
<td>10</td>
<td>4</td>
<td>1</td>
<td>85</td>
<td>13</td>
</tr>
<tr>
<td>The national economy</td>
<td>59</td>
<td>26</td>
<td>10</td>
<td>3</td>
<td>2</td>
<td>85</td>
<td>13</td>
</tr>
<tr>
<td>Our quality of life</td>
<td>45</td>
<td>29</td>
<td>17</td>
<td>8</td>
<td>2</td>
<td>74</td>
<td>25</td>
</tr>
</tbody>
</table>

Q17. Who has the primary role of ensuring the strength of science and technology in the United States?
- 41% Federal government
- 23% Private companies
- 22% Academic institutions/universities
- 4% Nonprofit and philanthropic organizations
- 10% Not sure
Q18. What do you believe are the primary benefits for American society of increased investment in science and technology by the federal government? Select up to three.

49% Development of technologies/innovation
49 Stronger economy and job growth
41 Greater national security
40 Staying ahead of global competitors
29 Overcoming critical issues facing society
27 Improving our quality of life
22 Deepening our knowledge of how the world works
2 Something else (please specify)
6 There are no benefits from increased federal government investment in scientific research and development

Q19. What are the biggest obstacles to scientific and technological advancement in the United States? Select up to three.

42% The quality of K-12 STEM education
33 Foreign powers undermining or stealing our research and technology
32 Too much regulation and red tape
29 Lack of a national science and technology strategy
26 Lack of research and development funding
25 Inadequate science and technology infrastructure (e.g., access to broadband, national laboratories, etc.)
23 Lack of STEM opportunities in communities throughout the country
23 The quality of vocational/technical education
20 The quality of post-high school STEM education
18 Inadequate STEM workforce
12 Too few opportunities for minorities in STEM
10 Patent and trademark issues
10 Too few opportunities for women in STEM
10 Something else (please specify)

Q20. How important is it for the United States to be the global leader in science and technology for each of the following?

<table>
<thead>
<tr>
<th>Important</th>
<th>Not Important</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very</td>
<td>Not too</td>
</tr>
<tr>
<td>Important</td>
<td>Not Important</td>
</tr>
<tr>
<td>-----------</td>
<td>--------------</td>
</tr>
<tr>
<td>Very</td>
<td>Not too</td>
</tr>
<tr>
<td>Important</td>
<td>Not Important</td>
</tr>
<tr>
<td>-----------</td>
<td>--------------</td>
</tr>
<tr>
<td>Very</td>
<td>Not too</td>
</tr>
<tr>
<td>Important</td>
<td>Not Important</td>
</tr>
<tr>
<td>-----------</td>
<td>--------------</td>
</tr>
<tr>
<td>Very</td>
<td>Not too</td>
</tr>
<tr>
<td>Important</td>
<td>Not Important</td>
</tr>
</tbody>
</table>

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Q21. How concerned are you about each of the following?

<table>
<thead>
<tr>
<th>Concerned</th>
<th>Not Concerned</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Very</td>
</tr>
<tr>
<td>Political influence on educational curriculum</td>
<td>75</td>
</tr>
<tr>
<td>Rising cost of higher education</td>
<td>64</td>
</tr>
<tr>
<td>Lack of scientific leadership informing policy decisions</td>
<td>51</td>
</tr>
<tr>
<td>Quality of STEM education</td>
<td>44</td>
</tr>
<tr>
<td>Technology companies putting profits ahead of the best interests of the public</td>
<td>53</td>
</tr>
<tr>
<td>Growing public distrust of scientists / scientific findings</td>
<td>53</td>
</tr>
<tr>
<td>Bias or misuse of artificial intelligence (AI)</td>
<td>48</td>
</tr>
<tr>
<td>Politicians discrediting scientists</td>
<td>57</td>
</tr>
<tr>
<td>Job displacement from artificial intelligence (AI)</td>
<td>31</td>
</tr>
</tbody>
</table>

Q22. When thinking about the impact of artificial intelligence (AI) technology on society, do you think it will have a net:

- 39%  Negative impact
- 25%  Neutral impact
- 24%  Positive impact
- 12%  Not sure

Q23. What role do you think the U.S. federal government should have in regulating artificial intelligence?

- 34%  Work with technology companies to regulate AI
- 21%  Work with other countries to regulate AI
- 17%  Wait and see how AI use evolves before attempting to regulate it
- 12%  Let the free market regulate AI
- 11%  Independently take action to regulate AI
- 6%   Not sure

Q24. Do you support or oppose requiring that products generated by artificial intelligence software have a disclaimer to make the presence of AI clear?

- 57%  Strongly support
- 27%  Somewhat support
- 8%   Somewhat oppose
- 2%   Strongly oppose
- 6%   Not sure

- 84%  Total Support
- 10%  Total Oppose
Q25. Which of the following policies would have the greatest impact on America’s ability to lead in science and technology? Select up to three.

- 39% Increase federal government funding to improve K-12 STEM education
- 34% Make technical/vocational education programs tuition-free
- 32% Increase federal government funding for research and development
- 30% Create science and technology centers in more communities across the country
- 29% Greater integration and communication among the 20 plus federal government agencies with scientific missions
- 29% Stronger enforcement of U.S. intellectual property (IP) rights
- 27% Increase federal government funding for research and development
- 14% Allow more foreign workers with STEM skills to come to the United States to work
- 13% Increasing opportunities for women in STEM fields
- 9% Something else (please specify)
- 3% None of the above

Q26. Do you agree or disagree with the following statements?

<table>
<thead>
<tr>
<th>Statement</th>
<th>Agree</th>
<th>Disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Innovations in science and technology improve the lives of all people, not just a select few</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Strongly</td>
<td>47</td>
<td>34</td>
</tr>
<tr>
<td>Smwt</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td>81</td>
<td>17</td>
</tr>
<tr>
<td>The federal government investing more in science and technology will strengthen our economy and create many new jobs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Strongly</td>
<td>39</td>
<td>36</td>
</tr>
<tr>
<td>Smwt</td>
<td>14</td>
<td>8</td>
</tr>
<tr>
<td>Total</td>
<td>74</td>
<td>22</td>
</tr>
<tr>
<td>Federal government science and technology funding is so important to our future that it should be protected from budget cuts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Strongly</td>
<td>32</td>
<td>37</td>
</tr>
<tr>
<td>Smwt</td>
<td>16</td>
<td>11</td>
</tr>
<tr>
<td>Total</td>
<td>68</td>
<td>28</td>
</tr>
<tr>
<td>Federal government funding should be directed toward more important issues than science and technology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Strongly</td>
<td>16</td>
<td>22</td>
</tr>
<tr>
<td>Smwt</td>
<td>31</td>
<td>26</td>
</tr>
<tr>
<td>Total</td>
<td>38</td>
<td>57</td>
</tr>
</tbody>
</table>
Q27A. [1/3 saw version A] China currently spends twice as much as a percentage of its national income as America on research and development. Do you think the American federal government should spend:

- 33% Much more than it currently does on research and development
- 26 Somewhat more than it currently does on research and development
- 16 About the same as it currently does on research and development
- 10 Somewhat less than it currently does on research and development
- 7 Much less than it currently does on research and development
- 8 Not sure

59% Total More than It Currently Does
17 Total Less than It Currently Does

Q27B. [1/3 saw version B] America currently spends less as a percentage of its national income on research and development than we did 20 years ago. Do you think the federal government should spend:

- 37% Much more than it currently does on research and development
- 35 Somewhat more than it currently does on research and development
- 10 About the same as it currently does on research and development
- 8 Somewhat less than it currently does on research and development
- 6 Much less than it currently does on research and development
- 5 Not sure

72% Total More than It Currently Does
14 Total Less than It Currently Does

Q27C. [1/3 saw version C] As a percentage of its national income, do you think the federal government should spend:

- 27% Much more than it currently does on research and development
- 33 Somewhat more than it currently does on research and development
- 16 About the same as it currently does on research and development
- 7 Somewhat less than it currently does on research and development
- 8 Much less than it currently does on research and development
- 9 Not sure

60% Total More than It Currently Does
15 Total Less than It Currently Does
**D1. Are you:**
- 56% Male
- 43% Female
- 1% Non-binary

**D2. Age**
- 26% 18 to 34
- 30% 35 to 49
- 37% 50 to 64
- 6% 65+

**D3. What is your race?**
- 76% White / Caucasian
- 8% Black or African American
- 7% Hispanic or Latino/a
- 5% Asian / Pacific Islander
- 1% American Indian or Alaska Native
- 3% Other

**D4. What is the highest level of education you have completed?**
- 6% High school diploma or less
- 16% Some college, but no degree
- 14% Associate’s degree, or two-year college degree
- 34% Bachelor’s degree, or four-year college degree
- 30% Graduate degree

**D5. Census Region**
- 37% South
- 24% Midwest
- 22% West
- 17% Northeast

**D6. Party Identification**
- 21% Strong Democrats
- 8% Weak Democrats
- 9% Independent lean Democrats
- 14% Pure independents
- 12% Independent lean Republicans
- 11% Weak Republicans
- 25% Strong Republicans

**D6a. Party Identification**
- 29% Base Democrats
- 35% Independents + Leaners
- 35% Base Republicans

**D6b. Party Identification**
- 38% Democrats
- 14% Independents
- 48% Republicans
D7. Industry (coded)
19% Healthcare
19 K-12 Education
18 STEM Field
18 Military / National Defense
18 Business / Finance
8 Other

D8. Union Membership (coded)
69% Not a Union Member
31 Union Member